Colorado River Bridge

PROPERTY IDENTIFICATION

 location
 2.12 mi W of Jct US 95
 feature intersected
 Colorado River

 city/vicinity
 Yuma
 USGS quadrangle
 Yuma West

 district
 82
 UTM reference
 11.722523.3623753

STRUCTURAL INFORMATION

main span length180.0superstructuresteel plate deck girderstructure length837.0substructureconcrete abutments, wingwalls and piersroadway width50.0floor/deckingconcrete deck with asphalt overlay

structure width 69.0 other features steel baluster guardrails

HISTORICAL INFORMATION

construction date1956designer/engineerCalifornia Dept. of Public Worksproject numberF 407(1)builder/contractor

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1994 alterations seismic retrofit of superstructure

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 40 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement large-scale example of relatively common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Yuma Canal Bridge

PROPERTY IDENTIFICATION

county	Yuma	inventory number	00487
milepost	0.11	inventory route	SB 8
location	0.11 mi E Colorado River	feature intersected	Yuma Canal
city/vicinity	Yuma	USGS quadrangle	Yuma West
district	82	UTM reference	11.722534.3623531

STRUCTURAL INFORMATION

main span number	3	main span type	302
appr. span number	0	appr. span type	
degree of skew	40	guardrail type	5
main span length	70.0	superstructure	steel I-beam stringer
structure length	146.0	substructure	concrete abutments, wingwalls and piers
roadway width	63.5	floor/decking	concrete deck with asphalt overlay
structure width	71.8	other features	steel baluster guardrails

HISTORICAL INFORMATION

construction date project number	1956 NFA 407(56)	designer/engineer builder/contractor	Arizona Highway Department
information source alteration date(s)	ADOT bridge records	structure owner alterations	Arizona Department of Transportation

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

Inventory score 18

NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Wash Bridge

PROPERTY IDENTIFICATION

county Yuma inventory number 01565 16.52 milepost inventory route I 8; EB location 14.3 mi E Jct US 95 feature intersected Dry Wash city/vicinity Ligurta **USGS** quadrangle Ligurta

district 78 **UTM reference** 11.746410.3616700

STRUCTURAL INFORMATION

structure length45.0substructureconcrete abutments and pierroadway width39.1floor/deckingconcrete deck with asphalt overlay

structure width 43.0 other features concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date1927designer/engineerArizona Highway Departmentproject numberFAP 82-Bbuilder/contractorFritz & Fields, Yuma AZ

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1948 1981 alterations deck widened and replaced; guardrails replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 13 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typically configured example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Dublin Wash Bridge

county Yuma inventory number 01566 16.85 milepost inventory route I 8; EB location 14.6 mi E Jct US 95 feature intersected Dublin Wash city/vicinity Ligurta **USGS** quadrangle Ligurta

district 82 **UTM** reference 11.746846.3616662

STRUCTURAL INFORMATION

main span number 2 main span type 201 appr. span number 0 appr. span type 0 degree of skew 45 guardrail type concrete slab 20.0 superstructure main span length

structure length 40.0 substructure concrete abutments and pier 39.2 roadway width floor/decking concrete deck with asphalt overlay

concrete Jersey barrier guardrails with Thrie beams 43.3 structure width other features

at approaches

HISTORICAL INFORMATION

construction date designer/engineer 1927 Arizona Highway Department FAP 82-B project number builder/contractor Fritz & Fields, Yuma AZ

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1981 alterations 1948 1965 deck widened and replaced; guardrails replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typically configured example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Wash Bridge

PROPERTY IDENTIFICATION

county Yuma inventory number 00303 milepost 18.12 inventory route I 8; EB location 15.9 mi E Jct US 95 feature intersected Dry Wash city/vicinity Ligurta **USGS** quadrangle Ligurta

district 82 **UTM** reference 11.748903.3616518

STRUCTURAL INFORMATION

main span number 2 main span type 201 appr. span number 0 appr. span type 6 degree of skew guardrail type concrete slab main span length 13.0 superstructure

structure length 28.0 substructure concrete abutments and pier concrete deck with asphalt overlay roadway width 63.2 floor/decking

steel Thrie beam guardrails 75.2 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1927 Arizona Highway Department FAP 82-B project number builder/contractor Fritz & Fields, Yuma AZ

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1996 alterations 1945 1981 deck widened and guardrails replaced twice;

seismic retrofit

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score

NRHP eligibility non-eligible NRHP criteria C

signif. statement typically configured example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

Culvert

PROPERTY IDENTIFICATION

county Yuma inventory number 06714 18.50 milepost inventory route I 8; EB location 16.3 mi E Jct US 95 feature intersected Wash city/vicinity Ligurta **USGS** quadrangle Ligurta

district 82 **UTM** reference 11.749522.3616523

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type 0 degree of skew 45 guardrail type

10.0 concrete box culvert main span length superstructure

structure length 29.0 substructure concrete abutments, wingwalls and piers

floor/decking roadway width 0.0 asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1929 Arizona Highway Department FAP 82-B builder/contractor project number Fritz & Fields, Yuma AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1948 1981 barrels extended twice

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

inventory score NRHP eligibility non-eligible

NRHP criteria

signif. statement typically configured example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Mohawk Overpass

PROPERTY IDENTIFICATION

location52.8 mi E Jct US 95feature intersectedOld US 80 Ave 52Ecity/vicinityMohawkUSGS quadrangleMohawk Mountains NWdistrict82UTM reference12.243493.3624495

STRUCTURAL INFORMATION

main span length56.0superstructureconcrete deck girderstructure length158.0substructureconcrete abutments, wingwalls and piersroadway width38.0floor/deckingconcrete deck with asphalt overlay

structure width 41.3 other features metal tubular rails with concrete parapets

HISTORICAL INFORMATION

construction date 1963 designer/engineer Arizona Highway Department

 project number
 I-8-1(17)
 builder/contractor

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) 1981 1998 alterations Arizona Department of Transportation deck widened; guardrails replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 08 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Mohawk Overpass

PROPERTY IDENTIFICATION

county Yuma inventory number 00784 54.90 milepost inventory route I 8; EB

location 52.8 mi E Jct US 95 feature intersected Old US 80 Ave 52E city/vicinity Mohawk **USGS** quadrangle Mohawk Mountains NW district 82 **UTM** reference 12.243580.3624476

STRUCTURAL INFORMATION

main span number 3 main span type 204 appr. span number 0 appr. span type 3 degree of skew guardrail type

56.0 superstructure concrete deck girder main span length structure length 158.0 substructure concrete abutments, wingwalls and piers roadway width 38.0 floor/decking concrete deck with asphalt overlay

41.3 metal tubular rails with concrete parapets structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1963 Arizona Highway Department

project number I-8-1(17) builder/contractor information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations

NATIONAL REGISTER EVALUATION

1981 1998

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

deck widened; guardrails replaced

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Yuma inventory number 05251

milepost 55.33 inventory route I 8; EB & WB

 $\begin{tabular}{lll} \textbf{location} & 53.0 \ mi \ E \ Jct \ US \ 95 & \textbf{feature intersected} & Wash \end{tabular}$

city/vicinityMohawkUSGS quadrangleMohawk Mountains NWdistrict82UTM reference12.244170.3624616

STRUCTURAL INFORMATION

 $\begin{array}{ccc} \text{main span number} & 2 & & \text{main span type} & & 219 \end{array}$

 $\begin{array}{lll} \mbox{appr. span number} & 0 & \mbox{appr. span type} \\ \mbox{degree of skew} & 0 & \mbox{guardrail type} & 0 \end{array}$

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 21.0 **substructure** concrete abutments, wingwalls and pier

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date 1955 designer/engineer Arizona Highway Department

project number IN-55(6) builder/contractor Tiffany Construction Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1964 1981 alterations barrels extended twice

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Yuma inventory number 05253

milepost 55.54 inventory route I 8; EB & WB

city/vicinityMohawkUSGS quadrangleMohawk Mountains NWdistrict82UTM reference12.244522.3624630

STRUCTURAL INFORMATION

main span number 4 main span type 219

appr. span number $\ 0$ appr. span type degree of skew $\ 0$ guardrail type $\ 0$

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 43.0 substructure concrete abutments, wingwalls and piers

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

 $\begin{array}{ccc} \text{structure width} & 0.0 & \text{other features} & \text{none} \end{array}$

HISTORICAL INFORMATION

construction date 1955 designer/engineer Arizona Highway Department

project number IN-55(6) builder/contractor Tiffany Construction Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1978 alterations barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

 $\begin{array}{ccc} \text{inventory score} & 00 & \text{NRHP eligibility} & \text{non-eligible} \end{array}$

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

Culvert

	DEDTV	IDENTIFIC	
FNU	FERII	IDENTIFIC	AIIUN

county Yuma inventory number 05255 59.54 milepost inventory route I 8; EB location 57.3 mi E Jct US 95 feature intersected Wash city/vicinity Mohawk **USGS** quadrangle Texas Hill

district 82 **UTM reference** 12.250574.3626723

STRUCTURAL INFORMATION

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 53.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

 $\begin{array}{ccc} \text{structure width} & 0.0 & \text{other features} & \text{none} \end{array}$

HISTORICAL INFORMATION

construction date 1955 designer/engineer Arizona Highway Department

project numberIN-55(6)builder/contractorTiffany Construction Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) 1978 alterations barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 01 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Yuma inventory number 05256 59.55 milepost inventory route I 8; WB location 57.3 mi E Jct US 95 feature intersected Wash city/vicinity Mohawk **USGS** quadrangle Texas Hill

district 82 **UTM** reference 12.250542.3626768

STRUCTURAL INFORMATION

main span number 5 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete box culvert main span length 10.0 superstructure

structure length 53.0 substructure concrete abutments, wingwalls and piers

0.0 floor/decking roadway width asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1962 Arizona Highway Department

I-8-1(13) project number builder/contractor L.M. White Contracting Company, Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1978 barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score 01

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

San Cristobal Wash Culvert

PROPERTY IDENTIFICATION

location 57.7 mi E Jct US 95 feature intersected San Cristobal Wash

city/vicinity Mohawk USGS quadrangle Texas Hill

district 82 **UTM reference** 12.251204.3626984

STRUCTURAL INFORMATION

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 64.0 substructure concrete abutments, wingwalls and piers

 $\begin{tabular}{lll} {\bf roadway~width} & 0.0 & {\bf floor/decking} & {\bf asphalt~roadway} \end{tabular}$

 $\begin{array}{ccc} \text{structure width} & 0.0 & \text{other features} & \text{none} \end{array}$

HISTORICAL INFORMATION

construction date 1955 designer/engineer Arizona Highway Department

project number IN-55(6) builder/contractor Tiffany Construction Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1978 alterations barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 02 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537 May 2009

lay 2009

San Cristobal Wash Culvert

PROPERTY IDENTIFICATION

location 57.7 mi E Jct US 95 feature intersected San Cristobal Wash

city/vicinity Mohawk USGS quadrangle Texas Hill

district 82 **UTM reference** 12.251173.3627040

STRUCTURAL INFORMATION

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length64.0substructureconcrete abutments, wingwalls and piersroadway width0.0floor/deckingasphalt roadway

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date 1962 designer/engineer Arizona Highway Department

project number I-8-1(13) builder/contractor L.M. White Contracting Company, Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1978 alterations barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 02 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Dateland Overpass

PROPERTY IDENTIFICATION

county Yuma inventory number 00682 67.43 milepost inventory route I 8; WB location 65.3 mi E Jct US 95 feature intersected Hyder Road city/vicinity Dateland **USGS** quadrangle Dateland

district 82 **UTM reference** 12.262082.3632018

STRUCTURAL INFORMATION

main span number 3 main span type 201 appr. span number 0 appr. span type 8 degree of skew guardrail type concrete slab 40.0 superstructure main span length structure length 108.0 substructure concrete abutments with concrete column piers

roadway width 37.8 floor/decking concrete deck

structure width 43.0 other features metal tubular rails with concrete parapets; Thrie

beams added

HISTORICAL INFORMATION

construction date 1962 designer/engineer Arizona Highway Department

project numberI-8-1(10)builder/contractorL.M. White Contracting Company, Tucson AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1979alterationsThrie beams added to existing guardrails

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 19 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Dateland Overpass

PROPERTY	IDENTIFICATION	

county Yuma inventory number 00681 67.43 milepost inventory route I 8; EB location 65.3 mi E Jct US 95 feature intersected Hyder Road city/vicinity Dateland **USGS** quadrangle Dateland

district 82 **UTM reference** 12.262070.3632008

STRUCTURAL INFORMATION

 $\begin{tabular}{lll} \begin{tabular}{lll} \begin{$

structure length 108.0 substructure concrete abutments with concrete column piers roadway width 37.8 floor/decking concrete deck

structure width 43.0 **other features** metal tubular rails with concrete parapets; Thrie

beams added

HISTORICAL INFORMATION

construction date 1962 designer/engineer Arizona Highway Department

 project number
 I-8-1(10)
 builder/contractor
 L.M. White Contracting Company, Tucson AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) 1979 alterations Thrie beams added to existing guardrails

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 19 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Yuma inventory number 05259

72.18 milepost inventory route I 8; EB & WB location 43.0 mi W Jct B 8 feature intersected Wash

city/vicinity Aztec **USGS** quadrangle Aztec Hills

district 82 **UTM** reference 12.269330.3634228

STRUCTURAL INFORMATION

main span number 5 main span type 219

appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

structure length 53.0 substructure concrete abutments, wingwalls and piers

0.0 floor/decking roadway width asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1956 Arizona Highway Department

IN-002-1(1) builder/contractor project number

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1979 barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

Aztec Overpass

PROPERTY IDENTIFICATION

county Yuma inventory number 00684 73.48 milepost inventory route I 8; WB location 42.5 mi W Jct SR 85 feature intersected Aztec Road city/vicinity Aztec **USGS** quadrangle Aztec Hills

district 82 **UTM** reference 12.271400.3634502

STRUCTURAL INFORMATION

main span number 3 main span type 201 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete slab 36.0 superstructure main span length structure length 97.0 substructure concrete abutments with concrete column piers roadway width 39.8 floor/decking concrete deck with asphalt overlay concrete Jersey barrier guardrails with Thrie beams 43.2 structure width other features

at approaches

HISTORICAL INFORMATION

construction date1962designer/engineerArizona Highway Departmentproject numberI-8-1(8)builder/contractorAshton Building Company Inc., Tucson AZinformation sourceADO'T bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1979alterationsconcrete Jersey barrier guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 12 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Aztec Overpass

PROPERTY	IDENTIFICATION	

county Yuma inventory number 00683 milepost 73.48 inventory route I 8; EB location 41.7 mi W Jct B 8 feature intersected Aztec Road city/vicinity Aztec **USGS** quadrangle Aztec Hills

district 82 **UTM reference** 12.271402.3634470

STRUCTURAL INFORMATION

main span number 3 main span type 201 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete slab 36.0 superstructure main span length structure length 97.0 substructure concrete abutments with concrete column piers

roadway width 39.8 floor/decking concrete deck with asphalt overlay

structure width 43.2 other features concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date 1962 designer/engineer Arizona Highway Department

 project number
 I-8-1(8)
 builder/contractor
 Ashton Building Company Inc., Tucson AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

 alteration date(s)
 1979
 alterations
 concrete Jersey barrier guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

NRHP eligibility non-eligible

FORM COMPLETED BY

inventory score

Clayton B. Fraser, Principal

Canyon Diablo Culvert

PROPERTY	IDENTIFICATION	

county Yuma inventory number 05261

milepost 75.12 inventory route I 8; EB & WB location 40.0 mi W Jct B 8 feature intersected Canyon Diablo

city/vicinity Aztec USGS quadrangle Aztec Hills

district 82 **UTM** reference 12.274028.3634810

STRUCTURAL INFORMATION

main span number 6 main span type 219

 $\begin{array}{lll} \text{appr. span number} & 0 & \text{appr. span type} \\ \text{degree of skew} & 30 & \text{guardrail type} & 6 \end{array}$

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 74.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1956 designer/engineer Arizona Highway Department

project number IN-002-1(2) builder/contractor

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1979 alterations barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

.....,,,,,,,,,,,,,,

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Spot Overpass

PROPERTY IDENTIFICATION

county Yuma inventory number 00685 78.40 milepost inventory route I 8; EB location 37.2 mi W Jct SR 85 feature intersected Spot Road city/vicinity Aztec **USGS** quadrangle Aztec SE

district 82 **UTM reference** 12.279340.3635486

STRUCTURAL INFORMATION

main span number 3 main span type 201

appr. span number 0 appr. span type
degree of skew 0 guardrail type 9

main span length 36.0 superstructure concrete slab

structure length 97.0 **substructure** concrete abutments with concrete column piers

roadway width 39.9 **floor/decking** concrete deck with asphalt overlay

structure width 43.2 **other features** concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date 1962 designer/engineer Arizona Highway Department

 project number
 I-8-1(8)
 builder/contractor
 Ashton Building Company Inc., Tucson AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

 alteration date(s)
 1979
 alterations
 concrete Jersey barrier guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 12 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Spot Overpass

PROPERTY IDENTIFICATION

county Yuma inventory number 00686 78.40 milepost inventory route I 8; WB location 37.2 mi W Jct SR 85 feature intersected Spot Road city/vicinity Aztec **USGS** quadrangle Aztec SE

district 82 **UTM** reference 12.279330.3635530

STRUCTURAL INFORMATION

main span number 3 main span type 201 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete slab 36.0 superstructure main span length structure length 97.0 substructure concrete abutments with concrete column piers

39.9 roadway width floor/decking concrete deck with asphalt overlay

concrete Jersey barrier guardrails with Thrie beams 43.2 structure width other features

at approaches

HISTORICAL INFORMATION

construction date designer/engineer 1962 Arizona Highway Department

project number I-8-1(8)builder/contractor Ashton Building Company Inc., Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1979 concrete Jersey barrier guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Maricopa inventory number 05263 83.01 milepost inventory route I 8; WB location 32.6 mi West Jct SR 85 feature intersected Wash city/vicinity Sentinel **USGS** quadrangle Aztec SE

district 82 **UTM** reference 12.286250.3636416

STRUCTURAL INFORMATION

main span length 12.0 superstructure concrete box culvert structure length 112.0 substructure concrete abutments, v

structure length 112.0 substructure concrete abutments, wingwalls and piers roadway width 38.5 floor/decking asphalt roadway

structure width 40.5 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1962 designer/engineer Arizona Highway Department

 $\begin{array}{ccc} \textbf{project number} & & \text{I-8-1}(23) & & \textbf{builder/contractor} \end{array}$

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1981 alterations steel Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Wash Bridge

PROPERTY IDENTIFICATION

county Maricopa inventory number 00317 milepost 83.14 inventory route I 8; EB location 32.5 mi W Jct SR 85 feature intersected Wash city/vicinity Sentinel **USGS** quadrangle Aztec SE

district 82 **UTM** reference 12.286640.3636473

STRUCTURAL INFORMATION

main span number 5 main span type 201 appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete slab 23.0 superstructure main span length

structure length 116.0 substructure concrete abutments, wingwalls and piers roadway width 40.3 floor/decking concrete deck with asphalt overlay

concrete Jersey barrier guardrails with Thrie beams 44.8 structure width other features

at approaches

HISTORICAL INFORMATION

construction date designer/engineer 1930 Arizona Highway Department FAP 69-1 Reo. project number builder/contractor Ben Coleman, Phoenix AZ

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1949 1985 alterations 1981 roadway widened and Jersey barrier guardrails

installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 33 NRHP eligibility non-eligible

NRHP criteria C

signif. statement typically configured example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

Sentinel Overpass

PROPERTY IDENTIFICATION

county Maricopa inventory number 00687 87.04 milepost inventory route I 8; EB location 28.6 mi W Jct SR 85 feature intersected Sentinel Road city/vicinity Sentinel **USGS** quadrangle Sentinel

district 82 **UTM reference** 12.292922.3637744

STRUCTURAL INFORMATION

main span number 3 main span type 201 appr. span number 0 appr. span type 8 degree of skew guardrail type concrete slab 36.0 superstructure main span length structure length 97.0 substructure concrete abutments with concrete column piers roadway width 38.0 floor/decking concrete deck with asphalt overlay metal tubular rails with concrete parapets; Thrie 43.0 structure width other features

beams added

HISTORICAL INFORMATION

construction date 1962 designer/engineer Arizona Highway Department project number I-8-2(23) builder/contractor Ashton Building Company Inc.

project numberI-8-2(23)builder/contractorAshton Building Company Inc., Tucson AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1981alterationssteel Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 12 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537 May 2009

lay 2009

Sentinel Overpass

PROPERTY IDENTIFICATION

county Maricopa inventory number 00688 87.04 milepost inventory route I 8; WB location 28.6 mi W Jct SR 85 feature intersected Sentinel Road city/vicinity Sentinel **USGS** quadrangle Sentinel

district 82 **UTM reference** 12.292923.3637782

STRUCTURAL INFORMATION

main span number 3 main span type 201 appr. span number 0 appr. span type 8 degree of skew guardrail type concrete slab 36.0 superstructure main span length structure length 97.0 substructure concrete abutments with concrete column piers roadway width 38.0 floor/decking concrete deck with asphalt overlay metal tubular rails with concrete parapets; Thrie 43.0 structure width other features beams added

HISTORICAL INFORMATION

construction date1962designer/engineerArizona Highway Departmentproject numberI-8-2(23)builder/contractorAshton Building Company Inc., Tucson AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1981alterationssteel Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 12 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Maricopa inventory number 05264

87.25 milepost inventory route I 8; EB & WB

location 28.4 mi West Jct SR 85 feature intersected Wash city/vicinity Sentinel **USGS** quadrangle Sentinel

district 82 **UTM** reference 12.293232.3637800

STRUCTURAL INFORMATION

main span number 2 main span type 219

appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

21.0 structure length substructure concrete abutments, wingwalls and piers

0.0 roadway width floor/decking asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1949 Arizona Highway Department

FI-69(3) project number builder/contractor Tanner Construction Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1962 barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score 02

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

Culvert

PROPERTY IDENTIFICATION

county Maricopa inventory number 05265

90.86 milepost inventory route I 8; EB & WB

24.8 mi W Jct SR 85 location feature intersected Wash city/vicinity Sentinel **USGS** quadrangle Sentinel

district 82 **UTM** reference 12.298803.3638644

STRUCTURAL INFORMATION

main span number 3 main span type 219

appr. span number 0 appr. span type 0 degree of skew guardrail type

10.0 concrete box culvert superstructure main span length

structure length 37.0 substructure concrete abutments, wingwalls and piers

floor/decking roadway width 0.0 asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1953 Arizona Highway Department

FI-69(4) project number builder/contractor San Xavier Rock & Sand Company, Tucson AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1959 1981 alterations barrels extended twice

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

NRHP eligibility non-eligible inventory score 03

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Maricopa inventory number 05267

94.29 milepost inventory route I 8; EB & WB

location 21.3 mi W Jct SR 85 feature intersected Wash

city/vicinity Sentinel **USGS** quadrangle Sentinel NE

district 82 **UTM** reference 12.304130.3640265

STRUCTURAL INFORMATION

main span number 3 main span type 219

appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

structure length 32.0 substructure concrete abutments, wingwalls and piers

floor/decking roadway width 0.0 asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1953 Arizona Highway Department

project number FI-69(4) builder/contractor San Xavier Rock & Sand Company, Tucson AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1959 1981 alterations barrels extended twice

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

NRHP eligibility non-eligible inventory score 03

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Maricopa inventory number 05269

97.42 milepost inventory route I 8; EB & WB

18.2 mi W Jct SR 85 location feature intersected Wash

city/vicinity Theba **USGS** quadrangle Sentinel NE district 82 **UTM** reference 12.309148.3641283

STRUCTURAL INFORMATION

main span number 3 main span type 219

appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

structure length 32.0 substructure concrete abutments, wingwalls and piers

floor/decking roadway width 0.0 asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1953 Arizona Highway Department project number FI-69(5) builder/contractor Dale F. Payne, Phoenix AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1959 1981 alterations barrels extended twice

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

NRHP eligibility non-eligible inventory score 03

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

Painted Rock Overpass

PROPERTY IDENTIFICATION

 $\begin{array}{cccc} \textbf{county} & \textbf{Maricopa} & \textbf{inventory number} & 00510 \\ \textbf{milepost} & 102.27 & \textbf{inventory route} & 1 \, 8; \, \text{WB} \\ \end{array}$

location 13.4 mi W Jct SR 85 feature intersected Painted Rock Road

city/vicinity Theba USGS quadrangle Theba

district 82 **UTM reference** 12.316755.3643177

STRUCTURAL INFORMATION

main span length 36.0 superstructure concrete slab
structure length 97.0 substructure concrete abutments with concrete column piers

roadway width 38.0 floor/decking concrete deck with asphalt overlay

structure width 43.0 **other features** concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date 1958 designer/engineer Arizona Highway Department

project numberI-002-2(6)builder/contractorTiffany Construction Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) 1981 **alterations** guardrails replaced with Jersey barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 12 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Painted Rock Overpass

PROPERTY IDENTIFICATION

countyMaricopainventory number00509milepost102.27inventory routeI 8; EB

location 13.4 mi W Jct SR 85 feature intersected Painted Rock Road

city/vicinity Theba USGS quadrangle Theba

district 82 **UTM reference** 12.316770.3643144

STRUCTURAL INFORMATION

structure length 90.0 substructure concrete abutments with concrete column piers

roadway width 38.0 floor/decking concrete deck with asphalt overlay

structure width 43.0 **other features** concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date 1958 designer/engineer Arizona Highway Department

 project number
 I-002-2(6)
 builder/contractor
 Tiffany Construction Company, Phoenix AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) 1981 alterations guardrails replaced with Jersey barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 12 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Paloma Overpass

PROPERTY	IDENTIFICATION	

county Maricopa inventory number 00567 106.54 milepost inventory route I 8; WB 9.1 mi W Jct SR 85 location feature intersected Paloma Road city/vicinity Theba **USGS** quadrangle Theba

district 82 **UTM** reference 12.323488.3644213

STRUCTURAL INFORMATION

main span number 3 main span type 201 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete slab 36.0 superstructure main span length structure length 97.0 substructure concrete abutments with concrete column piers roadway width 38.0 floor/decking concrete deck with asphalt overlay 43.0 structure width

concrete Jersey barrier guardrails with Thrie beams other features

at approaches

HISTORICAL INFORMATION

construction date designer/engineer 1960 Arizona Highway Department I-8-2(18) project number builder/contractor TMK Construction Company

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations 1981 guardrails replaced with Jersey barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Paloma Overpass

PROPERTY IDENTIFICATION

county Maricopa inventory number 00566 106.54 milepost inventory route I 8; EB 9.1 mi W Jct SR 85 location feature intersected Paloma Road city/vicinity Theba **USGS** quadrangle Theba

district 82 **UTM** reference 12.323482.3644175

STRUCTURAL INFORMATION

main span number 3 main span type 201 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete slab 36.0 superstructure main span length structure length 97.0 substructure concrete abutments with concrete column piers roadway width 38.0 floor/decking concrete deck with asphalt overlay concrete Jersey barrier guardrails with Thrie beams

43.0 structure width other features

at approaches

HISTORICAL INFORMATION

construction date designer/engineer 1960 Arizona Highway Department I-8-2(18) project number builder/contractor TMK Construction Company

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations 1981 guardrails replaced with Jersey barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Gillespie Canal Bridge

PROPERTY IDENTIFICATION

 county
 Maricopa
 inventory number
 00489

 milepost
 107.02
 inventory route
 I 8; EB

 location
 8.6 mi W Jct SR 85
 feature intersected
 Gillespie Canal

city/vicinity Theba USGS quadrangle Theba

district 82 **UTM reference** 12.324390.3644340

STRUCTURAL INFORMATION

main span number 2 main span type 201 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete slab 21.0 superstructure main span length structure length 43.0 substructure concrete abutments with concrete column pier

roadway width 40.0 floor/decking concrete deck with asphalt overlay

structure width 45.0 **other features** concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date1957designer/engineerArizona Highway Departmentproject numberI-002-2(1)builder/contractorFisher Contracting Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) 1960 1981 alterations deck widened; guardrails replaced with Jersey

barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 08 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

Gillespie Canal Bridge

PROPERTY IDENTIFICATION

county Maricopa inventory number 01009

milepost 107.02 inventory route I 8; South Frontage Road

location 8.6 mi W Jct SR 85 feature intersected Gillespie Canal

city/vicinity Theba USGS quadrangle Theba

district 82 **UTM reference** 12.324346.3644248

STRUCTURAL INFORMATION

 $\begin{array}{ccc} \text{main span number} & 2 & & \text{main span type} & \\ 201 & & & \end{array}$

appr. span number $\ 0$ appr. span type degree of skew $\ 20$ guardrail type

main span length 21.0 superstructure concrete slab

structure length45.0substructureconcrete abutments with concrete pierroadway width45.3floor/deckingconcrete deck with asphalt overlay

structure width 48.3 other features concrete curb guardrails

HISTORICAL INFORMATION

construction date 1923 designer/engineer Arizona Highway Department

project number FAP 56 builder/contractor Robert McKee

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1949 alterations deck widened and guardrails replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 28 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

BRIDGE INVENTORY HISTORIC

Gillespie Canal Bridge No. 1

PROPERTY IDENTIFICATION

county Maricopa inventory number 00568 107.03 milepost inventory route I 8; WB location 8.6 mi W Jct SR 85 feature intersected Gillespie Canal

city/vicinity Theba **USGS** quadrangle Theba

district 82 **UTM** reference 12.324385.3644330

STRUCTURAL INFORMATION

main span number 2 main span type 201 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete slab 21.0 superstructure main span length structure length 43.0 substructure concrete abutments with concrete column piers

roadway width 38.3 floor/decking concrete deck with asphalt overlay

concrete Jersey barrier guardrails with Thrie beams 43.0 structure width other features

at approaches

HISTORICAL INFORMATION

construction date designer/engineer 1960 Arizona Highway Department I-8-2(18) project number builder/contractor TMK Construction Company

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1981 alterations

guardrails replaced with Jersey barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Gillespie Canal Bridge No. 2

PROPERTY IDENTIFICATION

 county
 Maricopa
 inventory number
 00569

 milepost
 109.55
 inventory route
 I 8; WB

 location
 6.1 mi W Jct SR 85
 feature intersected
 Gillespie Canal

city/vicinity Theba USGS quadrangle Smurr

district 82 **UTM reference** 12.328367.3644822

STRUCTURAL INFORMATION

main span number 2 main span type 201 appr. span number 0 appr. span type 0 degree of skew 5 guardrail type concrete slab 25.0 superstructure main span length structure length 51.0 substructure concrete abutments with concrete column piers

roadway width 38.6 floor/decking concrete deck with asphalt overlay

structure width 43.0 other features concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date1960designer/engineerArizona Highway Departmentproject numberI-8-2(18)builder/contractorTMK Construction Company

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1981 alterations guardrails replaced with Jersey barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 06 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Gillespie Canal Bridge

PROPERTY IDENTIFICATION

 county
 Maricopa
 inventory number
 00490

 milepost
 109.55
 inventory route
 I 8; EB

 location
 6.1 mi W Jct SR 85
 feature intersected
 Gillespie Canal

city/vicinity Theba USGS quadrangle Smurr

district 82 **UTM reference** 12.328372.3644784

STRUCTURAL INFORMATION

main span number 2 main span type 201 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete slab 25.0 superstructure main span length 51.0 structure length substructure concrete abutments with concrete column piers

roadway width 40.7 floor/decking concrete deck with asphalt overlay

structure width 45.0 other features concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date 1957 designer/engineer Arizona Highway Department

project numberI-002-2(1)builder/contractorFisher Contracting Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1981alterationsguardrails replaced with Jersey barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 08 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Gillespie Canal Bridge

PROPERTY IDENTIFICATION

county Maricopa inventory number 01010

milepost 109.55 inventory route I 8; South Frontage Road

location 6.1 mi W Jct SR 85 feature intersected Gillespie Canal

city/vicinity Theba USGS quadrangle Smurr

district 82 **UTM reference** 12.328387.3644735

STRUCTURAL INFORMATION

 $\begin{array}{ccc} \text{main span number} & 2 & & \text{main span type} & & 201 \end{array}$

appr. span number $\ 0$ appr. span type degree of skew $\ 20$ guardrail type

main span length 21.0 superstructure concrete slab

structure length 45.0 substructure concrete abutments with concrete pier roadway width 46.0 floor/decking concrete deck with asphalt overlay

structure width 49.0 other features concrete curb guardrails

HISTORICAL INFORMATION

construction date 1923 designer/engineer Arizona Highway Department

project number FAP 56 builder/contractor Robert McKee

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1949 alterations deck widened and guardrails replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 28 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Maricopa inventory number 05271 110.35 milepost inventory route Ι8 location 5.3 mi W Jct SR 85 feature intersected Wash city/vicinity Theba **USGS** quadrangle Smurr

district 82 **UTM reference** 12.329664.3644973

STRUCTURAL INFORMATION

 $\begin{array}{lll} \text{main span number} & 4 & \text{main span type} & 219 \\ \text{appr. span number} & 0 & \text{appr. span type} & \end{array}$

degree of skew 0 guardrail type

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 43.0 substructure concrete abutments, wingwalls and piers

roadway width 205.0 floor/decking asphalt roadway

structure width 207.0 other features none

HISTORICAL INFORMATION

construction date 1957 designer/engineer Arizona Highway Department

project numberIN-002-2(1)builder/contractorTiffany Construction Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)19601981alterationstwo culverts extended to form single structure

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Wash Bridge

PROPERTY IDENTIFICATION

county Maricopa inventory number 01505

milepost 110.35 inventory route I 8; South Frontage Road

district 82 **UTM reference** 12.329662.3644913

STRUCTURAL INFORMATION

 $\begin{array}{lll} \mbox{main span number} & 2 & \mbox{main span type} & \\ \mbox{appr. span number} & 0 & \mbox{appr. span type} & \end{array}$

 $\begin{tabular}{lll} \begin{tabular}{lll} \begin{$

main span length 22.0 superstructure concrete slab

structure length44.0substructureconcrete abutments, wingwalls and pierroadway width24.0floor/deckingconcrete deck with asphalt overlay

structure width 28.0 other features ASHD-standard concrete slotted guardrails

HISTORICAL INFORMATION

construction date 1929 designer/engineer Arizona Highway Department

project number FAP 56 Reo. builder/contractor J.R. Hall

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 38 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement well-preserved example of early ASHD standard bridge

design; on major route

FORM COMPLETED BY

Clayton B. Fraser, Principal

Citrus Valley Overpass

PROPERTY IDENTIFICATION

 $\begin{array}{cccc} \textbf{county} & \textbf{Maricopa} & \textbf{inventory number} & 00571 \\ \textbf{milepost} & 111.42 & \textbf{inventory route} & \textbf{I 8; WB} \\ \end{array}$

location 4.2 mi W Jct SR 85 feature intersected Citrus Valley Road

city/vicinity Theba USGS quadrangle Smurr

district 82 **UTM reference** 12.331346.3645230

STRUCTURAL INFORMATION

main span length 36.0 superstructure concrete slab

structure length 97.0 substructure concrete abutments, wingwalls and piers roadway width 38.6 floor/decking concrete deck with asphalt overlay

structure width 43.0 other features concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date1960designer/engineerArizona Highway Departmentproject numberI-8-2(18)builder/contractorTMK Construction Company

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1981 alterations guardrails replaced with Jersey barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 10 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Citrus Valley Overpass

PROPERTY IDENTIFICATION

county Maricopa inventory number 00570 milepost 111.42 inventory route I 8; EB

location 4.2 mi W Jct SR 85 feature intersected Citrus Valley Road

city/vicinity Theba **USGS** quadrangle Smurr

district 82 **UTM** reference 12.331346.3645204

STRUCTURAL INFORMATION

main span number 3 main span type 201 appr. span number 0 appr. span type 0 degree of skew guardrail type 36.0 superstructure

concrete slab main span length structure length 97.0 substructure

concrete abutments, wingwalls and piers roadway width 38.7 floor/decking concrete deck with asphalt overlay

concrete Jersey barrier guardrails with Thrie beams 43.0 structure width other features

at approaches

HISTORICAL INFORMATION

construction date designer/engineer 1960 Arizona Highway Department I-8-2(18) project number builder/contractor TMK Construction Company

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations 1981 guardrails replaced with Jersey barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible

inventory score NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Maricopa inventory number 05273 112.01 milepost inventory route Ι8 location 3.6 mi W Jct SR 85 feature intersected Wash city/vicinity Theba **USGS** quadrangle Smurr

district 82 **UTM reference** 12.332273.3645323

STRUCTURAL INFORMATION

structure length21.0substructureconcrete abutments, wingwalls and pierroadway width0.0floor/deckingasphalt roadway

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date1938designer/engineerArizona Highway Departmentproject numberIN-002-2(1)builder/contractorTiffany Construction Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)19591981alterationstwo culverts extended to form single structure

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 06 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Sauceda Wash Bridge

PROPERTY IDENTIFICATION

county Maricopa inventory number 00442 milepost 113.27 inventory route I 8; EB location 2.4 mi W Jct SR 85 feature intersected Sauceda Wash city/vicinity Theba **USGS** quadrangle Smurr

district 82 **UTM** reference 12.334254.3645653

STRUCTURAL INFORMATION

main span number 4 main span type 201 appr. span number 0 appr. span type degree of skew guardrail type 1 concrete slab 25.0 superstructure main span length structure length 90.0 substructure concrete abutments, wingwalls and piers roadway width 40.2 floor/decking concrete deck with asphalt overlay aluminum tubular guardrails 45.0 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1955 Arizona Highway Department

FI-56(3) project number builder/contractor Bentson Contracting Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations 1971 deck widened and guardrails replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Sauceda Wash Bridge

PROPERTY IDENTIFICATION

county Maricopa inventory number 00439

milepost 113.27 inventory route I 8; South Frontage Road

location 2.4 mi W Jct SR 85 feature intersected Sauceda Wash

city/vicinity Theba USGS quadrangle Smurr

district 82 **UTM reference** 12.334265.3645630

STRUCTURAL INFORMATION

main span length 22.0 superstructure concrete slab

structure length89.0substructureconcrete abutments, wingwalls and piersroadway width24.0floor/deckingconcrete deck with asphalt overlaystructure width27.7other featuresaluminum tubular guardrails

HISTORICAL INFORMATION

construction date 1930 designer/engineer Arizona Highway Department

project number builder/contractor

information sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1971alterationsdeck widened and guardrails replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 26 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Wash Bridge

PROPERTY IDENTIFICATION

county Maricopa inventory number 00443 milepost 118.15 inventory route SR B 8 location 0.3 mi N Jct I 8 feature intersected Wash city/vicinity Gila Bend **USGS** quadrangle Gila Bend

district 82 **UTM reference** 12.337722.3646316

STRUCTURAL INFORMATION

main span number 3 main span type 201 appr. span number 0 appr. span type 6 degree of skew guardrail type concrete slab 22.0 superstructure main span length structure length 60.0 substructure concrete abutments, wingwalls and piers roadway width 40.0 floor/decking concrete deck with asphalt overlay

structure width 44.8 other features solid concrete guardrails with radiused ends and

recessed panels

HISTORICAL INFORMATION

construction date1955designer/engineerArizona Highway Departmentproject numberFI-56(3)builder/contractorBentson Contracting Company, Phoenix AZ

information source ADOT bridge records

structure owner

Arizona Department of Transportation

alteration date(s) 1989 alterations Thrie beams installed over original guardrails

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 09 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

BRIDGE INVENTORY HISTORIC

State Route 85 Overpass

	PFRTY	IDEN	エリヒリヘル	
PRU	PFRII		11511.4	a i ic jiv

county Maricopa inventory number 00702 118.23 milepost inventory route SR B 8 location 0.4 mi N Jct I 8 feature intersected State Route 85 city/vicinity Gila Bend **USGS** quadrangle Gila Bend

district 82 **UTM** reference 12.337820.3646331

STRUCTURAL INFORMATION

main span number 3 main span type 201 appr. span number 0 appr. span type degree of skew guardrail type 1 43.0 concrete slab superstructure main span length

structure length 103.0 substructure concrete abutments, wingwalls and piers 52.0 roadway width floor/decking concrete deck with asphalt overlay

aluminum tubular guardrails over concrete curbs 60.6 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1962 Arizona Highway Department

S-222(22) project number builder/contractor Arrow Construction Company, Yuma AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 27 NRHP eligibility non-eligible

> NRHP criteria В C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Sand Tank Wash Bridge

PROPERTY IDENTIFICATION

countyMaricopainventory number00444milepost119.76inventory routeSR B 8

 location
 0.5 mi W Jct SR 85
 feature intersected
 Sand Tank Wash

 city/vicinity
 Gila Bend
 USGS quadrangle
 Gila Bend

district 82 **UTM reference** 12.340247.3646903

STRUCTURAL INFORMATION

main span length 18.0 superstructure concrete slab

structure length108.0substructureconcrete abutments, wingwalls and piersroadway width64.5floor/deckingconcrete deck with asphalt overlay

structure width 76.5 other features steel baluster guardrails

HISTORICAL INFORMATION

construction date designer/engineer 1928 Arizona Highway Department FAP 53 Reo. project number builder/contractor Packard & Tanner, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations 1954 1964 deck widened and guardrails replaced; one pier

replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 34 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

IDENTIFICATION	

county Maricopa inventory number 04441 119.92 milepost inventory route SR B 8 location 0.4 mi W Jct SR 85 feature intersected Wash city/vicinity Gila Bend **USGS** quadrangle Gila Bend

district 82 **UTM reference** 12.340480.3646937

STRUCTURAL INFORMATION

structure length 65.0 substructure concrete abutments, wingwalls and piers

roadway width0.0floor/deckingasphalt roadwaystructure width0.0other featuressteel baluster guardrails

HISTORICAL INFORMATION

construction date1929designer/engineerArizona Highway Departmentproject numberFAP 53 Reo.builder/contractorPackard & Tanner, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1954alterationsbarrels extended; guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 18 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

BRIDGE INVENTORY HISTORIC

Gillespie Canal Bridge

PROPERTY	IDENTIFICATION	

county Maricopa inventory number 00465 120.25 milepost inventory route SR B 8 0.05 mi W Jct SR 85location feature intersected Gillespie Canal city/vicinity Gila Bend **USGS** quadrangle Gila Bend

district 82 **UTM** reference 12.341060.3647063

STRUCTURAL INFORMATION

main span number 3 main span type 201 appr. span number 0 appr. span type 5 degree of skew 25 guardrail type 22.0 concrete slab main span length superstructure

structure length 61.0 substructure concrete abutments and wingwalls with steel pile

76.0 concrete deck with asphalt overlay roadway width floor/decking

steel baluster guardrails structure width 88.0 other features

HISTORICAL INFORMATION

construction date 1956 designer/engineer Arizona Highway Department

project number F-159(3) builder/contractor Flickinger Brothers Contracting Company information source ADOT bridge records structure owner Arizona Department of Transportation

alterations

alteration date(s) 1961 roadway widened

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 13 NRHP eligibility non-eligible

> NRHP criteria C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

State Route 85 Overpass

	DEDTV	IDENTIFIC	$M \rightarrow M \rightarrow M$
FNU	FERII	IDENTIFIC	AIIUN

county Maricopa inventory number 00584 120.41 milepost inventory route SB B 8; WB location at Jct SR 85 feature intersected State Route 85 city/vicinity Gila Bend **USGS** quadrangle Gila Bend district 82 **UTM** reference 12.341288.3647130

STRUCTURAL INFORMATION

structure length93.0substructureconcrete abutments, wingwalls and pierroadway width31.7floor/deckingconcrete deck with asphalt overlay

structure width 35.0 **other features** concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date 1960 designer/engineer Arizona Highway Department

project numberF-FG-102-2(2)builder/contractorGivens Construction Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1993alterationsguardrails replaced with Jersey barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 18 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Gila Bend Overpass

PROPERTY IDENTIFICATION

 $\begin{array}{cccc} \textbf{county} & \textbf{Maricopa} & \textbf{inventory number} & 00618 \\ \textbf{milepost} & 120.46 & \textbf{inventory route} & SR B 8; WB \\ \end{array}$

location 0.2 mi E Jct SR 85 feature intersected Southern Pacific Railroad

city/vicinity Gila Bend USGS quadrangle Gila Bend

district 82 **UTM reference** 12.341425.3646965

STRUCTURAL INFORMATION

main span length 51.0 superstructure steel I-beam stringer

structure length 140.0 substructure concrete abutments, wingwalls and spill-though

piers

roadway width 30.1 floor/decking concrete deck with asphalt overlay

structure width 35.0 **other features** concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date 1960 designer/engineer Arizona Highway Department

project numberF-FG-102-2(2)builder/contractorGivens Construction Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) 1993 alterations guardrails replaced with Jersey barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 12 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign

420 South County Road 23E Loveland, Colorado 80537

May 2009

Gila Bend Overpass

PROPERTY IDENTIFICATION

location 0.2 mi E Jct SR 85 feature intersected Southern Pacific Railroad

city/vicinity Gila Bend USGS quadrangle Gila Bend

district 82 **UTM reference** 12.341398.3646960

STRUCTURAL INFORMATION

main span length45.0superstructuresteel I-beam deck girder

structure length 149.0 **substructure** concrete abutments, wingwalls and spill-though

piers

roadway width 24.0 **floor/decking** concrete deck with asphalt overlay

structure width 27.0 other features Art Moderne stepped concrete pylons; moulded

concrete guardrails with arch-pierced parapet walls

lined with concrete Jersey barriers

HISTORICAL INFORMATION

 construction date
 1934
 designer/engineer
 Arizona Highway Department

 project number
 NRS 100-A
 builder/contractor
 Vinson & Pringle, Phoenix AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1992 **alterations** Jersey barriers added inside original guardrails

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 57 NRHP eligibility listed

NRHP criteria A x B C x

signif. statement earliest remaining example of AHD architectural treatment

on urban grade separation

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

Culvert

PROPERTY IDENTIFICATION

county Maricopa inventory number 05275

milepost 122.03 inventory route I 8; EB & WB location 6.4 mi E Jct SR 85 feature intersected Wash

 location
 6.4 mi E Jct SR 85
 feature intersected
 Wash

 city/vicinity
 Gila Bend
 USGS quadrangle
 Gila Bend

district 82 **UTM reference** 12.347795.3643116

STRUCTURAL INFORMATION

 $\begin{array}{ccc} \text{main span number} & 2 & & \text{main span type} & & 219 \end{array}$

 $\begin{array}{lll} \mbox{appr. span number} & 0 & \mbox{appr. span type} \\ \mbox{degree of skew} & 30 & \mbox{guardrail type} \end{array}$

 $\begin{tabular}{lll} {\bf main span length} & 10.0 & {\bf superstructure} & {\bf concrete \ box \ culvert} \\ \end{tabular}$

structure length 24.0 **substructure** concrete abutments, wingwalls and pier

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date 1959 designer/engineer Arizona Highway Department

 $\begin{array}{ll} \text{project number} & \text{I-8-2(8)} \\ \end{array} \qquad \qquad \text{builder/contractor} \\$

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1980 alterations two culverts extended to form single structure

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Maricopa inventory number 06492 122.18 milepost inventory route SR B 8 location 1.9 mi SE Jct SR 85 feature intersected Wash city/vicinity Gila Bend **USGS** quadrangle Gila Bend

district 82 **UTM reference** 12.343326.3644964

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert structure length 32.0 substructure concrete abutments, wingwalls and piers

roadway width 34.6 floor/decking concrete deck with asphalt overlay

structure width 41.7 other features none

HISTORICAL INFORMATION

construction date1959designer/engineerArizona Highway Departmentproject numberF-102-2(1)builder/contractor

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 03 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Maricopa inventory number 05277

milepost 134.73 inventory route I 8; EB & WB

district 82 **UTM reference** 12.368198.3637072

STRUCTURAL INFORMATION

 $\begin{array}{ccc} \text{main span number} & 2 & & \text{main span type} & & 219 \end{array}$

 $\begin{array}{lll} \mbox{appr. span number} & 0 & \mbox{appr. span type} \\ \mbox{degree of skew} & 0 & \mbox{guardrail type} \end{array}$

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 21.0 **substructure** concrete abutments, wingwalls and pier

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

 $\begin{array}{ccc} \text{structure width} & 0.0 & \text{other features} & \text{none} \end{array}$

HISTORICAL INFORMATION

construction date 1958 designer/engineer Arizona Highway Department

project number I-8-2(12) builder/contractor M.M. Sundt Construction Company, Tucson AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1980 alterations two culverts extended to form single structure

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

BRIDGE INVENTORY HISTORIC

Culvert

PROPERTY	IDENTIFICATION	

county Maricopa inventory number 05279

136.00 milepost inventory route I 8; EB & WB

location 20.3 mi E Jct SR 85 feature intersected Wash city/vicinity Gila Bend **USGS** quadrangle Big Horn

district 82 **UTM** reference 12.369632.3636610

STRUCTURAL INFORMATION

main span number 3 main span type 219

appr. span number 0 appr. span type degree of skew guardrail type

concrete box culvert 10.0 superstructure main span length

structure length 37.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

steel Thrie beam guardrails 0.0 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1958 Arizona Highway Department

I-8-2(12) project number builder/contractor M.M. Sundt Construction Company, Tucson AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1980 two culverts extended to form single structure

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

Culvert

PROPERTY IDENTIFICATION

county Maricopa inventory number 05282 136.30 milepost inventory route I 8; WB location 20.6 mi E Jct SR 85 feature intersected Wash city/vicinity Gila Bend **USGS** quadrangle Big Horn

district 82 **UTM reference** 12.370242.3636440

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert

structure length 86.0 substructure concrete abutments, wingwalls and piers

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

structure width 0.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1958 designer/engineer Arizona Highway Department

project number I-8-2(12) **builder/contractor** M.M. Sundt Construction Company, Tucson AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1980 alterations Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 04 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Maricopa inventory number 05281 136.30 milepost inventory route I 8; EB location 20.6 mi E Jct SR 85 feature intersected Wash city/vicinity Gila Bend **USGS** quadrangle Big Horn

district 82 **UTM reference** 12.370242.3636406

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert

structure length 86.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1958 designer/engineer Arizona Highway Department

project number I-8-2(12) **builder/contractor** M.M. Sundt Construction Company, Tucson AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1980 alterations Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 04 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

BRIDGE INVENTORY HISTORIC

Culvert

PROPERTY IDENTIFICATION

county Maricopa inventory number 05283

137.10 milepost inventory route I 8; EB & WB

location 21.5 mi E Jct SR 85 feature intersected Wash

city/vicinity Gila Bend **USGS** quadrangle Lost Horse Peak district 82 **UTM** reference 12.371326.3635056

STRUCTURAL INFORMATION

main span number 3 main span type 219

appr. span number 0 appr. span type degree of skew guardrail type

concrete box culvert 10.0 superstructure main span length

structure length 32.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1958 Arizona Highway Department

I-8-2(12) project number builder/contractor M.M. Sundt Construction Company, Tucson AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1980 two culverts extended to form single structure

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Maricopa inventory number 05285

city/vicinityGila BendUSGS quadrangleLost Horse Peakdistrict82UTM reference12.371860.3635892

STRUCTURAL INFORMATION

 $\begin{array}{ccc} \text{main span number} & 3 & & \text{main span type} & & 219 \end{array}$

 $\begin{array}{lll} \mbox{appr. span number} & 0 & \mbox{appr. span type} \\ \mbox{degree of skew} & 0 & \mbox{guardrail type} \end{array}$

 $\begin{tabular}{lll} {\bf main span length} & 10.0 & {\bf superstructure} & {\bf concrete box culvert} \\ \end{tabular}$

structure length 32.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

 $\begin{array}{ccc} \text{structure width} & 0.0 & \text{other features} & \text{none} \end{array}$

HISTORICAL INFORMATION

construction date 1958 designer/engineer Arizona Highway Department

project number I-8-2(12) builder/contractor M.M. Sundt Construction Company, Tucson AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1980 alterations two culverts extended to form single structure

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537 May 2009

viay 2009

Culvert

PROPERTY IDENTIFICATION

county Maricopa inventory number 05287

location 22.1 mi E Jct SR 85 feature intersected Wash

city/vicinityGila BendUSGS quadrangleLost Horse Peakdistrict82UTM reference12.372410.3635717

STRUCTURAL INFORMATION

main span number 4 main span type 219

 $\begin{array}{lll} \mbox{appr. span number} & 0 & \mbox{appr. span type} \\ \mbox{degree of skew} & 0 & \mbox{guardrail type} \end{array}$

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 43.0 substructure concrete abutments, wingwalls and piers

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

 $\begin{array}{ccc} \text{structure width} & 0.0 & \text{other features} & \text{none} \end{array}$

HISTORICAL INFORMATION

construction date 1958 designer/engineer Arizona Highway Department

project number I-8-2(12) builder/contractor M.M. Sundt Construction Company, Tucson AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1980 alterations two culverts extended to form single structure

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537 May 2009

viay 2009

Culvert

PROPERTY IDENTIFICATION

county Maricopa inventory number 05289

location 22.6 mi E Jct SR 85 feature intersected Wash

city/vicinityGila BendUSGS quadrangleLost Horse Peakdistrict82UTM reference12.372966.3635575

STRUCTURAL INFORMATION

 $\begin{array}{ccc} \text{main span number} & 2 & & \text{main span type} & & 219 \end{array}$

 $\begin{array}{lll} \mbox{appr. span number} & 0 & \mbox{appr. span type} \\ \mbox{degree of skew} & 0 & \mbox{guardrail type} \end{array}$

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 21.0 **substructure** concrete abutments, wingwalls and pier

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date 1958 designer/engineer Arizona Highway Department

project number I-8-2(12) builder/contractor M.M. Sundt Construction Company, Tucson AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1980 alterations two culverts extended to form single structure

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

BRIDGE INVENTORY HISTORIC

Culvert

PROPERTY IDENTIFICATION

county Maricopa inventory number 05291

139.26 milepost inventory route I 8; EB & WB

location 23.6 mi E Jct SR 85 feature intersected Wash

city/vicinity Gila Bend **USGS** quadrangle Lost Horse Peak district 82 **UTM** reference 12.374643.3635430

STRUCTURAL INFORMATION

main span number 4 main span type 219

appr. span number 0 appr. span type degree of skew guardrail type

concrete box culvert 10.0 superstructure main span length

structure length 43.0 substructure concrete abutments, wingwalls and piers

0.0 roadway width floor/decking asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1958 Arizona Highway Department

project number I-8-2(4)builder/contractor Tourea Construction Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations 1980 two culverts extended to form single structure

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Freeman Overpass

PROPERTY IDENTIFICATION

county Maricopa inventory number 00534 140.80 milepost inventory route I 8; WB location 25.2 mi E Jct SR 85 feature intersected Freeman Road city/vicinity Gila Bend **USGS** quadrangle Lost Horse Peak district 82 **UTM** reference 12.376550.3635324

STRUCTURAL INFORMATION

main span number 1 main span type 107 appr. span number 0 appr. span type degree of skew guardrail type 6 25.0 superstructure concrete rigid frame main span length structure length 29.0 substructure concrete abutments and wingwalls roadway width 38.0 floor/decking concrete deck with asphalt overlay steel Thrie beam guardrails 40.5 structure width other features

HISTORICAL INFORMATION

construction date1958designer/engineerArizona Highway Departmentproject numberI-8-2(4)builder/contractorTourea Construction Company, Phoenix AZinformation sourceADO'T bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1980alterationsThrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

signif. statement relatively late example of uncommon structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Freeman Overpass

PROPERTY IDENTIFICATION

county Maricopa inventory number 00533 140.80 milepost inventory route I 8; EB location 25.2 mi E Jct SR 85 feature intersected Freeman Road city/vicinity Gila Bend **USGS** quadrangle Lost Horse Peak district 82 **UTM** reference 12.376560.3635290

STRUCTURAL INFORMATION

main span number 1 main span type 107 appr. span number 0 appr. span type degree of skew guardrail type 6 25.0 superstructure concrete rigid frame main span length structure length 29.0 substructure concrete abutments and wingwalls roadway width 38.0 floor/decking concrete deck with asphalt overlay steel Thrie beam guardrails 40.5 structure width other features

HISTORICAL INFORMATION

construction date1958designer/engineerArizona Highway Departmentproject numberI-8-2(4)builder/contractorTourea Construction Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1980alterationsThrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

 inventory score
 12
 NRHP eligibility
 non-eligible

 NRHP criteria
 A _____
 B _____
 C _____

signif. statement relatively late example of uncommon structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

city/vicinityGila BendUSGS quadrangleLost Horse Peakdistrict82UTM reference12.378020.3635180

STRUCTURAL INFORMATION

 main span number
 6
 main span type
 219

 appr. span number
 0
 appr. span type

 degree of skew
 30
 guardrail type
 6

 main span length
 10.0
 superstructure
 concrete box culvert

 structure length
 74.0
 substructure
 concrete abutments, wingwal

structure length 74.0 substructure concrete abutments, wingwalls and piers

roadway width 38.4 floor/decking asphalt roadway

structure width 45.8 other features steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1959 designer/engineer Arizona Highway Department

project numberI-8-2(4)builder/contractorTourea Construction Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1980alterationsThrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 02 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

city/vicinityGila BendUSGS quadrangleLost Horse Peakdistrict82UTM reference12.378010.3635143

STRUCTURAL INFORMATION

 main span number
 6
 main span type
 219

 appr. span number
 0
 appr. span type

 degree of skew
 30
 guardrail type
 6

 main span length
 10.0
 superstructure
 concrete box culvert

structure length 74.0 substructure concrete abutments, wingwalls and piers

roadway width 38.4 floor/decking asphalt roadway

structure width 45.8 other features steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1959 designer/engineer Arizona Highway Department

 project number
 I-8-2(4)
 builder/contractor
 Tourea Construction Company, Phoenix AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) 1980 alterations Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 02 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537 May 2009

lay 2009

BRIDGE INVENTORY HISTORIC

Culvert

PROPERTY IDENTIFICATION

county Maricopa inventory number 05295

141.85 milepost inventory route I 8; EB & WB

location 26.2 mi E Jct SR 85 feature intersected Wash

city/vicinity Gila Bend **USGS** quadrangle Lost Horse Peak district 82 **UTM** reference 12.378258.3635124

STRUCTURAL INFORMATION

main span number 3 main span type 219

appr. span number 0 appr. span type degree of skew guardrail type

concrete box culvert 10.0 superstructure main span length

structure length 32.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1959 Arizona Highway Department

project number I-8-2(4)builder/contractor Tourea Construction Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations 1980 two culverts extended to form single structure

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

city/vicinityGila BendUSGS quadrangleLost Horse Peakdistrict82UTM reference12.379330.3634954

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert structure length 64.0 substructure concrete abutments, wingwalls and piers

roadway width 38.2 floor/decking asphalt roadway

structure width 45.7 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1959 designer/engineer Arizona Highway Department

 project number
 I-8-2(4)
 builder/contractor
 Tourea Construction Company, Phoenix AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) 1980 **alterations** Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 02 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

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Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

city/vicinityGila BendUSGS quadrangleLost Horse Peakdistrict82UTM reference12.379330.3634970

STRUCTURAL INFORMATION

structure length 64.0 substructure concrete abutments, wingwalls and piers

roadway width 38.2 floor/decking asphalt roadway

structure width 45.8 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1959 designer/engineer Arizona Highway Department

project number I-8-2(4) builder/contractor Tourea Construction Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1980 alterations Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 02 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Maricopa inventory number 05299

milepost 143.69 inventory route I 8; EB & WB

 $\begin{tabular}{lll} \textbf{location} & 28.0 \ mi \ E \ Jct \ SR \ 85 & \textbf{feature intersected} & Wash \end{tabular}$

city/vicinityGila BendUSGS quadrangleLost Horse Peakdistrict82UTM reference12.381140.3634694

STRUCTURAL INFORMATION

 $\begin{array}{ccc} \text{main span number} & 2 & & \text{main span type} & & 219 \end{array}$

 $\begin{array}{lll} \mbox{appr. span number} & 0 & \mbox{appr. span type} \\ \mbox{degree of skew} & 0 & \mbox{guardrail type} \end{array}$

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 21.0 **substructure** concrete abutments, wingwalls and pier

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

 $\begin{array}{ccc} \text{structure width} & 0.0 & \text{other features} & \text{none} \end{array}$

HISTORICAL INFORMATION

construction date 1959 designer/engineer Arizona Highway Department

project number I-8-2(11) builder/contractor M.M. Sundt Construction Company, Tucson AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1980 alterations two culverts extended to form single structure

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537 May 2009

viay 2009

Culvert

PROPERTY IDENTIFICATION

city/vicinityGila BendUSGS quadrangleLost Horse Peakdistrict82UTM reference12.382173.3634524

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert structure length 100.0 substructure concrete abutments, wingwalls and piers

roadway width 38.3 floor/decking asphalt roadway

structure width 46.2 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1959 designer/engineer Arizona Highway Department

project number I-8-2(11) **builder/contractor** M.M. Sundt Construction Company, Tucson AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1980 alterations Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 04 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

BRIDGE INVENTORY HISTORIC

Culvert

PROPERTY IDENTIFICATION

county Maricopa inventory number 05302 milepost 144.31 inventory route I 8; WB location 28.7 mi E Jct SR 85 feature intersected Wash

city/vicinity Gila Bend **USGS** quadrangle Lost Horse Peak district 82 **UTM** reference 12.382168.3634550

STRUCTURAL INFORMATION

main span number 8 main span type 219 appr. span number 0 appr. span type 6 degree of skew guardrail type

concrete box culvert 10.0 superstructure main span length structure length 100.0 substructure concrete abutments, wingwalls and piers

roadway width 40.1 floor/decking asphalt roadway

steel Thrie beam guardrails 45.8 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1959 Arizona Highway Department

I-8-2(11) project number builder/contractor M.M. Sundt Construction Company, Tucson AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1980 Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Vekol Underpass

PROPERTY IDENTIFICATION

county Maricopa inventory number 00550 144.55 milepost inventory route Vekol Road location 28.9 mi E Jct SR 85 feature intersected Interstate 8 city/vicinity Gila Bend **USGS** quadrangle Lost Horse Peak district 82 **UTM** reference 12.382540.3634476

STRUCTURAL INFORMATION

main span number 4 main span type 402
appr. span number 0 appr. span type
degree of skew 0 guardrail type 6
main span length 85.0 superstructure steel I-beam stringer

structure length 240.0 substructure concrete abutments with concrete column piers roadway width 26.0 floor/decking concrete deck with asphalt overlay

structure width 29.0 **other features** steel beam guardrails

HISTORICAL INFORMATION

construction date1959designer/engineerArizona Highway Departmentproject numberI-002-2(11)builder/contractorPhoenix-Tempe Stone Co., Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1980alterationsThrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 15 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Vekol Wash Bridge

PROPERTY	IDENTIFICATION
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county Maricopa inventory number 00552 144.74 milepost inventory route I 8; EB location 29.1 mi E Jct SR 85 feature intersected Vekol Wash city/vicinity Gila Bend **USGS** quadrangle Lost Horse Peak district 82 **UTM** reference 12.382832.3634424

STRUCTURAL INFORMATION

main span number 3 main span type 402 appr. span number 0 appr. span type 9 degree of skew guardrail type 71.0 superstructure steel I-beam stringer main span length structure length 190.0 substructure concrete abutments, wingwalls and piers roadway width 48.1 floor/decking concrete deck with asphalt overlay concrete Jersey barrier guardrails with Thrie beams 51.2 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1959 Arizona Highway Department I-002-2(11) project number builder/contractor Phoenix-Tempe Stone Co., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1996 alterations 1980 1988 guardrails replaced with Jersey barriers; various repairs

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

Inventory score 14

NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type, altered

at approaches

FORM COMPLETED BY

Clayton B. Fraser, Principal

Vekol Wash Bridge

	DEDTV	IDENTIE	ICATION
FRU	PERII	IDENTIF	TUALIUM

county Maricopa inventory number 00422 144.74 milepost inventory route I 8; WB location 29.1 mi E Jct SR 85 feature intersected Vekol Wash city/vicinity Gila Bend **USGS** quadrangle Lost Horse Peak district 82 **UTM** reference 12.382838.3634446

STRUCTURAL INFORMATION

main span number 3 main span type 402 appr. span number 0 appr. span type 9 degree of skew guardrail type 71.0 superstructure steel I-beam stringer main span length structure length 188.0 substructure concrete abutments, wingwalls and piers roadway width 40.0 floor/decking concrete deck with asphalt overlay concrete Jersey barrier guardrails with Thrie beams 45.0 structure width other features at approaches

HISTORICAL INFORMATION

construction date designer/engineer 1954 Arizona Highway Department NF-152(54) project number builder/contractor Western Constructors Inc., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1996 alterations 1980 1988 guardrails replaced with Jersey barriers; various repairs

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

Inventory score 18

NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Maricopa inventory number 05303

 $\begin{tabular}{ll} \begin{tabular}{ll} \beg$

city/vicinityGila BendUSGS quadrangleAntelope Peakdistrict82UTM reference12.384677.3634154

STRUCTURAL INFORMATION

main span number 2 main span type 219

 $\begin{array}{lll} \mbox{appr. span number} & 0 & \mbox{appr. span type} \\ \mbox{degree of skew} & 30 & \mbox{guardrail type} \end{array}$

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 24.0 substructure concrete abutments, wingwalls and pier

roadway width 0.0 floor/decking asphalt roadway

 $\begin{array}{ccc} \text{structure width} & 0.0 & \text{other features} & \text{none} \end{array}$

HISTORICAL INFORMATION

construction date 1959 designer/engineer Arizona Highway Department

project number I-8-2(11) builder/contractor M.M. Sundt Construction Company, Tucson AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1980 alterations two culverts extended to form single structure

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

city/vicinityArizolaUSGS quadrangleAntelope Peakdistrict82UTM reference12.386012.3633943

STRUCTURAL INFORMATION

structure length 74.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1959 designer/engineer Arizona Highway Department

project number I-8-2(11) builder/contractor M.M. Sundt Construction Company, Tucson AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1980 alterations Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 02 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

city/vicinityArizolaUSGS quadrangleAntelope Peakdistrict82UTM reference12.386002.3633965

STRUCTURAL INFORMATION

main span number6main span type219appr. span number0appr. span typedegree of skew30guardrail typemain span length10.0superstructureconcrete box culvertstructure length74.0substructureconcrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1959 designer/engineer Arizona Highway Department

project number I-8-2(11) **builder/contractor** M.M. Sundt Construction Company, Tucson AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1980 alterations Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 02 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

countyPinalinventory number05307milepost149.09inventory routeI 8; EBlocation2.6 mi West Jct SR 84feature intersectedWash

city/vicinityArizolaUSGS quadrangleAntelope Peakdistrict81UTM reference12.389768.3633630

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert structure length 21.0 substructure concrete abutments, wingwalls and pier

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date1934designer/engineerArizona Highway Departmentproject numberNRS 10-Abuilder/contractor

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1959 1980 **alterations** barrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

countyPinalinventory number05308milepost149.09inventory routeI 8; WBlocation2.6 mi West Jct SR 84feature intersectedWash

city/vicinityArizolaUSGS quadrangleAntelope Peakdistrict81UTM reference12.389763.3633657

STRUCTURAL INFORMATION

structure length 24.0 **substructure** concrete abutments, wingwalls and pier

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 other features steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1962 designer/engineer Arizona Highway Department

project number I-002-2(9) builder/contractor L&M Construction and Engineering Co.
information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1980 alterations Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537 May 2009

lay 2009

Culvert

PROPERTY IDENTIFICATION

city/vicinityArizolaUSGS quadrangleAntelope Peakdistrict81UTM reference12.390364.3633634

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert structure length 45.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

 construction date
 1962
 designer/engineer
 Arizona Highway Department

 project number
 I-002-2(9)
 builder/contractor
 L&M Construction and Engineer

 project number
 I-002-2(9)
 builder/contractor
 L&M Construction and Engineering Co.

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) 1980 alterations Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

countyPinalinventory number05309milepost149.46inventory routeI 8; EBlocation2.2 mi West Jct SR 84feature intersectedWash

city/vicinityArizolaUSGS quadrangleAntelope Peakdistrict81UTM reference12.390402.3633612

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert structure length 45.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1962 designer/engineer Arizona Highway Department

project number I-002-2(9) builder/contractor L&M Construction and Engineering Co.

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1980 alterations Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

city/vicinityArizolaUSGS quadrangleAntelope Peakdistrict81UTM reference12.392320.3633575

STRUCTURAL INFORMATION

main span number 3 main span type 219 appr. span number 0 appr. span type 6 degree of skew 45 guardrail type 10.0 concrete box culvert superstructure main span length structure length 47.0 substructure concrete abutments, wingwalls and piers

roadway width 42.2 floor/decking asphalt roadway

structure width 45.8 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

 construction date
 1959
 designer/engineer
 Arizona Highway Department

 project number
 I-002-2(9)
 builder/contractor
 L&M Construction and Engineering Co.

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) 1996 alterations Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537 May 2009

lay 2009

Culvert

PROPERTY IDENTIFICATION

countyPinalinventory number05311milepost151.04inventory routeI 8; EBlocation0.7 mi West Jct SR 84feature intersectedWash

city/vicinityArizolaUSGS quadrangleAntelope Peakdistrict81UTM reference12.392303.3633560

STRUCTURAL INFORMATION

main span number 3 main span type 219 appr. span number 0 appr. span type 6 degree of skew 45 guardrail type 10.0 concrete box culvert superstructure main span length structure length 47.0 substructure concrete abutments, wingwalls and piers 42.3 roadway width floor/decking asphalt roadway

structure width 45.8 other features steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date1959designer/engineerArizona Highway Departmentproject numberI-002-2(9)builder/contractorL&M Construction and Engineering Co.information sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1992alterationsThrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Hidden Valley Underpass

county Pinal inventory number 01063 151.70 milepost inventory route SR 84 location AT JCT SR 84 feature intersected Interstate 8 city/vicinity Arizola **USGS** quadrangle Antelope Peak district 81 **UTM** reference 12.393954.3633508

STRUCTURAL INFORMATION

main span number 4 main span type 402 appr. span number 0 appr. span type 9 degree of skew guardrail type 90.0 superstructure steel I-beam stringer main span length 294.0 structure length substructure concrete abutments and spill-through piers roadway width 31.7 floor/decking concrete deck 35.2 concrete Jersey barrier guardrails with aluminum structure width other features tubes

HISTORICAL INFORMATION

construction date designer/engineer 1962 Arizona Highway Department project number I-8-2(26) builder/contractor M.M. Sundt Construction Company, Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1990 1996 alterations guardrails replaced with Jersey barriers; substructural repairs

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

Inventory score 15

NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Mendell Wash Bridge

PROPERTY	IDENTIFICATION	

county Pinal inventory number 01064 151.90 milepost inventory route I 8; EB location 0.2 mi East Jct SR 84 feature intersected Mendell Wash city/vicinity Arizola **USGS** quadrangle Antelope Peak district **UTM** reference 12.394328.3633472

STRUCTURAL INFORMATION

main span length30.0superstructureconcrete slabstructure length142.0substructureconcrete abut

structure length 142.0 substructure concrete abutments with concrete column piers roadway width 46.0 floor/decking concrete deck with asphalt overlay

structure width 49.2 other features concrete Jersey barrier guardrails with aluminum

tubes

HISTORICAL INFORMATION

construction date 1961 designer/engineer Arizona Highway Department

project number I-8-2(26) builder/contractor M.M. Sundt Construction Company, Tucson AZ

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1996 alterations guardrails replaced with Jersey barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 14 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Mendell Wash Bridge

PROPERTY	IDENTIFICATION
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county Pinal inventory number 01065 151.90 milepost inventory route I 8; WB location 0.2 mi East Jct SR 84 feature intersected Mendell Wash city/vicinity Arizola **USGS** quadrangle Antelope Peak district **UTM** reference 12.394322.3633466

STRUCTURAL INFORMATION

main span number 5 main span type 201 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete slab 30.0 superstructure main span length structure length 142.0 substructure concrete abutments with concrete column piers roadway width 37.7 floor/decking concrete deck with asphalt overlay concrete Jersey barrier guardrails with aluminum 43.2 structure width other features tubes

HISTORICAL INFORMATION

construction date1961designer/engineerArizona Highway Departmentproject numberI-8-2(26)builder/contractorM.M. Sundt Construction Company, Tucson AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1996alterationsguardrails replaced with Jersey barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

NRHP eligibility non-eligible

NRHP criteria A _____ B ___ C ___

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Wash Bridge

PROPERTY IDENTIFICATION

county Pinal inventory number 01066 milepost 153.40 inventory route I 8; EB location 1.7 mi East Jct SR 84 feature intersected Wash city/vicinity Arizola **USGS** quadrangle Indian Butte district **UTM** reference 12.396672.3633328

STRUCTURAL INFORMATION

main span number 5 main span type 201 appr. span number 0 appr. span type 0 degree of skew 45 guardrail type concrete slab 30.0 superstructure main span length structure length 141.0 substructure concrete abutments with concrete column piers roadway width 40.0 floor/decking concrete deck with asphalt overlay concrete Jersey barrier guardrails with aluminum 43.3 structure width other features tubes

HISTORICAL INFORMATION

construction date1961designer/engineerArizona Highway Departmentproject numberI-8-2(26)builder/contractorM.M. Sundt Construction Company, Tucson AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1990alterationsguardrails replaced with Jersey barriers

NATIONAL REGISTER EVALUATION

inventory score 14

NRHP eligibility non-eligible

NRHP criteria A _____ B ___ C ___

signif. statement typical, relatively late example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537 May 2009

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

Wash Bridge

PROPERTY IDENTIFICATION

county Pinal inventory number 01067 153.45 milepost inventory route I 8; WB location 1.8 mi East Jct SR 84 feature intersected Wash city/vicinity Arizola **USGS** quadrangle Indian Butte district **UTM** reference 12.396667.3633323

STRUCTURAL INFORMATION

main span number 5 main span type 201 appr. span number 0 appr. span type 0 degree of skew 45 guardrail type concrete slab 30.0 superstructure main span length structure length 141.0 substructure concrete abutments with concrete column piers 37.7 roadway width floor/decking concrete deck with asphalt overlay concrete Jersey barrier guardrails with aluminum 43.2 structure width other features tubes

HISTORICAL INFORMATION

construction date1961designer/engineerArizona Highway Departmentproject numberI-8-2(26)builder/contractorM.M. Sundt Construction Company, Tucson AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1990alterationsguardrails replaced with Jersey barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

Inventory score 14

NRHP eligibility non-eligible

NRHP criteria A ______ B ____ C ____

signif. statement typical, relatively late example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pinal inventory number 05313 153.94 milepost inventory route I 8; EB location 2.2 mi East Jct SR 84 feature intersected Wash city/vicinity Arizola **USGS** quadrangle Indian Butte

district 81 **UTM** reference 12.397555.3633275

STRUCTURAL INFORMATION

structure length 49.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1962 designer/engineer Arizona Highway Department

project number I-8-2(26) builder/contractor M.M. Sundt Construction Company, Tucson AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) ca1990 alterations Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pinal inventory number 05314 153.96 milepost inventory route I 8; WB location 2.3 mi East Jct SR 84 feature intersected Wash city/vicinity Arizola **USGS** quadrangle Indian Butte

district 81 UTM reference 12.397598.3633330

STRUCTURAL INFORMATION

main span length10.0superstructureconcrete box culvertstructure length49.0substructureconcrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1962 designer/engineer Arizona Highway Department

project number I-8-2(26) builder/contractor M.M. Sundt Construction Company, Tucson AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) ca1990 alterations Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

BRIDGE INVENTORY HISTORIC

Culvert

PROPERTY IDENTIFICATION

county Pinal inventory number 06048 156.70 milepost inventory route I 8; EB location 5.0 mi East Jct SR 84 feature intersected Wash city/vicinity Arizola **USGS** quadrangle Indian Butte district

STRUCTURAL INFORMATION

81

main span number 2 main span type 219 appr. span number 0 appr. span type degree of skew 45 guardrail type 10.0 concrete box culvert superstructure main span length structure length 29.0 substructure concrete abutments, wingwalls and pier roadway width 0.0 floor/decking asphalt roadway steel Thrie beam guardrails 0.0 structure width other features

UTM reference

12.401810.3633027

HISTORICAL INFORMATION

construction date designer/engineer 1962 Arizona Highway Department I-8-2(46) project number builder/contractor information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations 1969 barrel added; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

National Register Multiple Property Documentation Form NRHP eligibility non-eligible inventory score NRHP criteria signif. statement typical, relatively late example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537 May 2009

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

Culvert

PROPERTY IDENTIFICATION

county Pinal inventory number 06049 156.70 milepost inventory route I 8; WB location 5.0 mi East Jct SR 84 feature intersected Wash city/vicinity Arizola **USGS** quadrangle Indian Butte

district 81 **UTM** reference 12.401903.3633096

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type degree of skew 45 guardrail type 10.0 concrete box culvert superstructure main span length structure length 29.0 substructure concrete abutments, wingwalls and pier roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date1962designer/engineerArizona Highway Departmentproject numberI-8-2(46)builder/contractor

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1969 alterations barrel added; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pinal inventory number 05315 157.30 milepost inventory route I 8; EB location 5.6 mi East Jct SR 84 feature intersected Wash city/vicinity Arizola **USGS** quadrangle Indian Butte district 81 **UTM** reference 12.402963.3632966

STRUCTURAL INFORMATION

main span number 5 main span type 219 appr. span number 0 appr. span type degree of skew guardrail type 10.0 concrete box culvert main span length superstructure structure length 62.0 substructure concrete abutments, wingwalls and piers 0.0 floor/decking roadway width asphalt roadway

other features

HISTORICAL INFORMATION

structure width

0.0

construction date1962designer/engineerArizona Highway Departmentproject numberI-8-2(27)builder/contractorM.M. Sundt Construction Company, Tucson AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)alterations

none

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

NRHP eligibility non-eligible

NRHP criteria A B C Signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pinal inventory number 05316 157.30 milepost inventory route I 8; WB location 5.6 mi East Jct SR 84 feature intersected Wash city/vicinity Arizola **USGS** quadrangle Indian Butte district 81 **UTM** reference 12.402996.3633026

STRUCTURAL INFORMATION

main span number 5 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type 10.0 concrete box culvert main span length superstructure structure length 62.0 substructure concrete abutments, wingwalls and piers 0.0 floor/decking roadway width asphalt roadway 0.0 none structure width other features

HISTORICAL INFORMATION

construction date1962designer/engineerArizona Highway Departmentproject numberI-8-2(27)builder/contractorM.M. Sundt Construction Company, Tucson AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

NRHP eligibility non-eligible

NRHP criteria A B C Signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Smith Road Overpass

PROPERTY IDENTIFICATION

county Pinal inventory number 01069 157.55 milepost inventory route I 8; WB location 5.9 mi East Jct SR 84 feature intersected Smith Road city/vicinity Arizola **USGS** quadrangle Indian Butte district **UTM** reference 12.403390.3633000

STRUCTURAL INFORMATION

main span number 3 main span type 201 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete slab 33.0 superstructure main span length structure length 90.0 substructure concrete abutments with concrete column piers roadway width 38.0 floor/decking concrete deck with asphalt overlay concrete Jersey barrier guardrails with Thrie beams 43.2 structure width other features at approaches

HISTORICAL INFORMATION

construction date1962designer/engineerArizona Highway Departmentproject numberI-8-2(27)builder/contractorM.M. Sundt Construction Company, Tucson AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1992alterationsguardrails replaced with Jersey barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 12

NRHP eligibility non-eligible

NRHP criteria A ______ B ____ C ____

signif. statement typical, relatively late example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Smith Road Overpass

PROPERTY IDENTIFICATION

county Pinal inventory number 01068 157.55 milepost inventory route I 8; EB location 5.9 mi East Jct SR 84 feature intersected Smith Road city/vicinity Arizola **USGS** quadrangle Indian Butte district **UTM** reference 12.403390.3632940

STRUCTURAL INFORMATION

main span number 3 main span type 201 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete slab 33.0 superstructure main span length structure length 90.0 substructure concrete abutments with concrete column piers roadway width 40.0 floor/decking concrete deck with asphalt overlay concrete Jersey barrier guardrails with Thrie beams 43.2 structure width other features at approaches

HISTORICAL INFORMATION

construction date1962designer/engineerArizona Highway Departmentproject numberI-8-2(27)builder/contractorM.M. Sundt Construction Company, Tucson AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1992alterationsguardrails replaced with Jersey barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 12

NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pinal inventory number 06083 159.25 milepost inventory route I 8; EB location 7.6 mi East Jct SR 84 feature intersected Wash city/vicinity Arizola **USGS** quadrangle Indian Butte

 city/vicinity
 Arizola
 USGS quadrangle
 Indian Butte

 district
 81
 UTM reference
 12.406233.3632790

STRUCTURAL INFORMATION

main span number 3 main span type 319 appr. span number 0 appr. span type 0 degree of skew guardrail type steel multiplate culvert 6.0 superstructure main span length structure length 22.0 substructure none 0.0 floor/decking roadway width asphalt roadway

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date1962designer/engineerArizona Highway Departmentproject numberI-8-2(27)builder/contractorM.M. Sundt Construction Contractor

project number I-8-2(27) builder/contractor M.M. Sundt Construction Company, Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s)

Anzona Department of Transportation

alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 14 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pinal inventory number 06084 159.25 milepost inventory route I 8; WB location 7.6 mi East Jct SR 84 feature intersected Wash city/vicinity Arizola **USGS** quadrangle Indian Butte

district 81 UTM reference 12.406270.3632843

STRUCTURAL INFORMATION

 $\begin{array}{lll} \mbox{main span length} & 6.0 & \mbox{superstructure} & \mbox{steel multiplate culvert} \\ \mbox{structure length} & 22.0 & \mbox{substructure} & \mbox{none} \end{array}$

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date 1962 designer/engineer Arizona Highway Department

project number I-8-2(27) builder/contractor M.M. Sundt Construction Company, Tucson AZ

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 14 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

city/vicinityArizolaUSGS quadrangleDouble Peakdistrict81UTM reference12.407024.3632804

STRUCTURAL INFORMATION

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length21.0substructureconcrete abutments, wingwalls and pierroadway width0.0floor/deckingasphalt roadway

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date 1962 designer/engineer Arizona Highway Department

project number I-8-2(27) builder/contractor M.M. Sundt Construction Company, Tucson AZ

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 08 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

DEDTY	IDENTIFI	CATION

county Pinal milepost 159.84

location 8.1 mi East Jct SR 84

city/vicinity Arizola district 81

inventory number

inventory route feature intersected

05317 I 8; EB Wash

219

USGS quadrangle Double Peak

UTM reference 12.407017.3632734

STRUCTURAL INFORMATION

main span number 2
appr. span number 0
degree of skew 0
main span length 10.0
structure length 21.0

structure length 21.0 roadway width 0.0 structure width 0.0 main span type

appr. span type

guardrail type 0

superstructure concrete box culvert

substructure concrete abutments, wingwalls and pier

floor/decking asphalt roadway

other features none

HISTORICAL INFORMATION

construction date 1962 project number I-8-2(27)

 $\textbf{information source} \ \ \mathrm{ADOT} \ bridge \ records$

alteration date(s)

designer/engineer builder/contractor

structure owner

alterations

Arizona Highway Department

M.M. Sundt Construction Company, Tucson AZ

Arizona Department of Transportation

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

 $\begin{array}{ccc} \textbf{inventory score} & 08 & \textbf{NRHP eligibility} & non-eligible \end{array}$

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Ehrenberg Bridge

PROPERTY IDENTIFICATION

county La Paz inventory number 00619

0.01 milepost inventory route I 10; EB & WB location 18.9 mi W of Jct US 95 feature intersected Colorado River

city/vicinity Ehrenberg **USGS** quadrangle Blythe

district 82 **UTM** reference 11.729064.3721075

STRUCTURAL INFORMATION

main span number 5 main span type 403 101 appr. span number 2 appr. span type 9 degree of skew guardrail type

superstructure steel plate deck girder main span length 246.0

structure length 1113.0 substructure concrete abutments, wingwalls and piers roadway width 94.0 floor/decking concrete deck with asphalt overlay

concrete Jersey barrier guardrails with Thrie beams 103.8 structure width other features

at approaches

HISTORICAL INFORMATION

construction date designer/engineer 1960 California Highway Department project number builder/contractor Osborne & Co.; O.R. Pierson

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1974 alterations deck widened by extending piers and abutments

and adding girders

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 39 NRHP eligibility non-eligible

> **NRHP** criteria В C

signif. statement large-scale example of common structural type; important

crossing on major route, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E

Loveland, Colorado 80537

May 2009

BRIDGE INVENTORY HISTORIC

Culvert

PROPERTY IDENTIFICATION

county La Paz inventory number 05358

1.22 milepost inventory route I 10; EB & WB

17.7 mi W Jct SR 95 location feature intersected Wash city/vicinity Ehrenberg **USGS** quadrangle Blythe

district 82 **UTM** reference 11.731075.3720885

STRUCTURAL INFORMATION

main span number 3 main span type 219

appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

structure length 32.0 substructure concrete abutments, wingwalls and piers floor/decking concrete deck with asphalt overlay roadway width 0.0

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1949 Arizona Highway Department

F1-1(3) builder/contractor project number

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1976 barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

Cinnabar Wash Culvert

05359

I 10; EB

PROPERTY IDENTIFICATION

county La Paz inventory number milepost 1.77 inventory route

location 17.1 mi W Jct SR 95 feature intersected Cinnabar Wash

city/vicinity Ehrenberg USGS quadrangle Blythe

district 82 **UTM reference** 11.731920.3721160

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert structure length 87.0 substructure concrete abutments, wingwalls and piers

roadway width 39.2 floor/decking concrete deck with asphalt overlay

structure width 43.8 other features steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1949 designer/engineer Arizona Highway Department

project number F1-1(3) builder/contractor

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1963 alterations two barrels added; guardrail added

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 02 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537 May 2009

,

Cinnabar Wash Culvert

PROPERTY IDENTIFICATION

 $\begin{array}{cccc} \textbf{county} & \text{La Paz} & \textbf{inventory number} & 05360 \\ \textbf{milepost} & 1.77 & \textbf{inventory route} & \text{I } 10; \text{WB} \\ \end{array}$

 location
 17.1 mi W Jct SR 95
 feature intersected
 Cinnabar Wash

 city/vicinity
 Ehrenberg
 USGS quadrangle
 Blythe

district 82 **UTM reference** 11.731893.3721180

STRUCTURAL INFORMATION

 $\begin{array}{lll} \text{main span number} & 8 & \text{main span type} & 219 \\ \text{appr. span number} & 0 & \text{appr. span type} & \end{array}$

degree of skew 0 guardrail type

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length86.0substructureconcrete abutments, wingwalls and piersroadway width0.0floor/deckingconcrete deck with asphalt overlaystructure width0.0other featuressteel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1963 designer/engineer Arizona Highway Department

 $\label{eq:project number} \textbf{I-}10\textbf{-}1(8) \qquad \qquad \textbf{builder/contractor}$

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) ca1980 alterations Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county La Paz inventory number 05361

location 16.1 mi W Jct SR 95 feature intersected Wash

city/vicinity Ehrenberg USGS quadrangle Dome Rock Mountains SW

district 82 **UTM reference** 11.733490.3721773

STRUCTURAL INFORMATION

main span number 4 main span type 219

 $\begin{array}{lll} \mbox{appr. span number} & 0 & \mbox{appr. span type} \\ \mbox{degree of skew} & 0 & \mbox{guardrail type} \end{array}$

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length43.0substructureconcrete abutments, wingwalls and piersroadway width0.0floor/deckingconcrete deck with asphalt overlaystructure width0.0other featuressteel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1949 designer/engineer Arizona Highway Department

project number F1-1(3) builder/contractor

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1963 1979 alterations two culverts extended to form single structure;

guardrail added

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A ____ B ___ C ___

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E

Loveland, Colorado 80537

Culvert

PROPERTY IDENTIFICATION

 county
 La Paz
 inventory number
 05363

 milepost
 4.13
 inventory route
 I 10; EB

 location
 14.8 mi W Jct SR 95
 feature intersected
 Wash

city/vicinity Ehrenberg USGS quadrangle Dome Rock Mountains SW

district 82 **UTM reference** 11.735480.3722493

STRUCTURAL INFORMATION

main span number9main span type219appr. span number0appr. span typedegree of skew0guardrail typemain span length10.0superstructureconcrete box culvertstructure length98.0substructureconcrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1949 designer/engineer Arizona Highway Department

 project number
 F1-1(3)
 builder/contractor

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

 alteration date(s)
 1963
 1980
 alterations
 three barrels added; guardrail added

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 03 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

city/vicinityEhrenbergUSGS quadrangleDome Rock Mountains SWdistrict82UTM reference11.735446.3722503

STRUCTURAL INFORMATION

main span number 9 main span type 219

appr. span number $\ 0$ appr. span type degree of skew $\ 30$ guardrail type

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 112.0 substructure concrete abutments, wingwalls and piers

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

structure width 0.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1963 designer/engineer Arizona Highway Department

 $\label{eq:project number} \textbf{I-}10\textbf{-}1(8) & \textbf{builder/contractor} \\$

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1980 alterations guardrail added

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

La Paz Underpass

PROPERTY IDENTIFICATION

county La Paz inventory number 00767

milepost5.84inventory routeTom Wells Roadlocation13.1 mi W Jct US 95feature intersectedInterstate 10city/vicinityEhrenbergUSGS quadrangleLa Paz Mountaindistrict82UTM reference11.738047.3723467

STRUCTURAL INFORMATION

main span number $\ 4$ main span type $\ 402$ appr. span number $\ 0$ appr. span type

degree of skew 0 guardrail type 3

 $\begin{tabular}{lll} \textbf{main span length} & 77.0 & \textbf{superstructure} & steel I-beam stringer \\ \end{tabular}$

structure length 247.0 substructure concrete abutments, wingwalls and piers

 ${\it roadway width} \qquad 28.0 \qquad \qquad {\it floor/decking} \qquad {\it concrete deck}$

structure width 33.2 other features concrete guardrails with aluminum tubes

HISTORICAL INFORMATION

construction date 1964 designer/engineer Arizona Highway Department

alteration date(s) alterations

oranon dato(o)

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 25 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

La Paz Arroyo Culvert

county La Paz inventory number 05365

milepost6.96inventory routeI 10; EB & WBlocation11.9 mi W Jct SR 95feature intersectedLa Paz Arroyocity/vicinityEhrenbergUSGS quadrangleLa Paz Mountain

district 82 **UTM reference** 11.740365.3724240

STRUCTURAL INFORMATION

main span number 4 main span type 219

appr. span number $\ 0$ appr. span type degree of skew $\ 0$ guardrail type

main span length12.0superstructureconcrete box culvert

structure length 59.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

 $\begin{array}{ccc} \textbf{structure width} & 0.0 & \textbf{other features} & \text{steel Thrie beam guardrails} \\ \end{array}$

HISTORICAL INFORMATION

 construction date
 1949
 designer/engineer
 Arizona Highway Department

project number F1-1(3) builder/contractor

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1963 1979 alterations two culverts extended to form single structure;

guardrail added

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E

Loveland, Colorado 80537

Gonzales Wash Culvert

PROPERTY IDENTIFICATION

county La Paz inventory number 05367 milepost 8.16 inventory route I 10; WB 10.7 mi W Jct SR 95 location feature intersected Gonzales Wash city/vicinity Ehrenberg **USGS** quadrangle La Paz Mountain district 82 **UTM** reference 11.741502.3724767

STRUCTURAL INFORMATION

main span number 5 main span type 219 appr. span number 0 appr. span type 6 degree of skew guardrail type concrete box culvert 12.0 superstructure main span length structure length 74.0 substructure concrete abutments, wingwalls and piers roadway width 38.1 floor/decking asphalt roadway steel Thrie beam guardrails 42.6 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1950 Arizona Highway Department FI-98(16) project number builder/contractor Yount Constructors Inc., Azusa CA information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations 1987 stilling basin and embankment added; guardrail added

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

inventory score 03 NRHP eligibility non-eligible NRHP criteria C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Gonzales Wash Culvert

PROPERTY IDENTIFICATION

 $\begin{array}{cccc} \textbf{county} & \text{La Paz} & \textbf{inventory number} & 05368 \\ \textbf{milepost} & 8.49 & \textbf{inventory route} & \text{I } 10; \text{EB} \\ \end{array}$

location10.4 mi W Jct SR 95feature intersectedGonzales Washcity/vicinityEhrenbergUSGS quadrangleLa Paz Mountaindistrict82UTM reference11.742022.3724780

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type

degree of skew 0 guardrail type

structure length 21.0 substructure concrete abutments, wingwalls and pier roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1950 designer/engineer Arizona Highway Department

project number I-10-1(20) builder/contractor

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1963 1979 alterations barrels extended twice; guardrail added

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Gonzales Wash Culvert

PROPERTY	IDENTIFICATION	

county La Paz inventory number 05369 8.60 milepost inventory route I 10; EB location 10.3 mi West Jct SR 95 feature intersected Gonzales Wash city/vicinity Ehrenberg **USGS** quadrangle La Paz Mountain district

82 **UTM** reference 11.742134.3724865

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type degree of skew guardrail type concrete box culvert main span length 10.0 superstructure 21.0 structure length substructure concrete abutments, wingwalls and pier

0.0 floor/decking roadway width asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

project number

construction date designer/engineer 1950 Arizona Highway Department I-10-1(20) builder/contractor

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1963 1979 barrels extended twice

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score 00

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Gonzales Wash Culvert

D	DE	DTV	IDE	NITIE	ICA.	$TI \cap NI$

county La Paz inventory number 05370

milepost 8.83 inventory route I 10; WB

location 10.1 mi W Jct SR 95 feature intersected Gonzales Wash

city/vicinity Ehrenberg USGS quadrangle La Pay Mountain

city/vicinityEhrenbergUSGS quadrangleLa Paz Mountaindistrict82UTM reference11.742432.3725300

STRUCTURAL INFORMATION

main span number 4 main span type 219 appr. span number 0 appr. span type

degree of skew 45 guardrail type

main span length12.0superstructureconcrete box culvert

structure length 73.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

 $\begin{array}{ccc} \textbf{structure width} & 0.0 & \textbf{other features} & \text{steel Thrie beam guardrails} \\ \end{array}$

HISTORICAL INFORMATION

 construction date
 1950
 designer/engineer
 Arizona Highway Department

 project number
 FL-1(4)
 builder/contractor
 Yount Constructors Inc., Azusa CA

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) 1979 1987 alterations outlet wing and apron added; drop structure

added

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 07 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Gonzales Wash Culvert

PROPERTY IDENTIFICATION

county La Paz inventory number 05371

9.33 milepost inventory route I 10; EB & WB 9.6 mi W Jct SR 95 location feature intersected Gonzales Wash city/vicinity Ehrenberg **USGS** quadrangle La Paz Mountain district 82 **UTM** reference 11.742951.3725770

STRUCTURAL INFORMATION

main span number 4 main span type 219

appr. span number 0 appr. span type degree of skew 45 guardrail type

concrete box culvert 12.0 superstructure main span length

structure length 72.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

steel Thrie beam guardrails 0.0 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1950 Arizona Highway Department project number FL-1(4) builder/contractor Yount Constructors Inc., Azusa CA

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1963 1979 alterations

two culverts extended to form single structure;

guardrail added

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 02 NRHP eligibility non-eligible

> NRHP criteria C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E

Loveland, Colorado 80537

Gonzales Wash Culvert

county La Paz inventory number 05373

9.52 milepost inventory route I 10; EB & WB 9.4 mi W Jct US 95 location feature intersected Gonzales Wash city/vicinity Ehrenberg **USGS** quadrangle La Paz Mountain district 82 **UTM** reference 11.743244.3725970

STRUCTURAL INFORMATION

main span number 4 main span type 219

 $\begin{array}{lll} \mbox{appr. span number} & 0 & \mbox{appr. span type} \\ \mbox{degree of skew} & 45 & \mbox{guardrail type} \end{array}$

main span length 12.0 superstructure concrete box culvert

structure length 75.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

 $\begin{array}{ccc} \textbf{structure width} & 0.0 & \textbf{other features} & \text{steel Thrie beam guardrails} \\ \end{array}$

HISTORICAL INFORMATION

construction date 1950 designer/engineer Arizona Highway Department

project number I-10-1(20) builder/contractor

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1963 1979 alterations two culverts extended to form single structure;

guardrail added

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Bocumentation For

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

Gonzales Wash Culvert

DDA	PERTY	IDENT	IEIC	TION
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county La Paz inventory number 05375

milepost 9.83 inventory route I 10; EB & WB location 9.1 mi W lct US 95 feature intersected Gonzales Wash

 location
 9.1 mi W Jct US 95
 feature intersected
 Gonzales Wash

 city/vicinity
 Ehrenberg
 USGS quadrangle
 Middle Camp Mountain

district 82 UTM reference 11.743742.3726222

STRUCTURAL INFORMATION

 $\begin{array}{ccc} \text{main span number} & 4 & & \text{main span type} & & 219 \end{array}$

 $\begin{array}{lll} \mbox{appr. span number} & 0 & \mbox{appr. span type} \\ \mbox{degree of skew} & 30 & \mbox{guardrail type} \end{array}$

 $\begin{tabular}{lll} \textbf{main span length} & 12.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 60.0 substructure concrete abutments, wingwalls and piers

 $\begin{tabular}{lll} {\bf roadway \ width} & 0.0 & {\bf floor/decking} & {\bf asphalt \ roadway} \end{tabular}$

 $\begin{array}{ccc} \textbf{structure width} & 0.0 & \textbf{other features} & \text{steel Thrie beam guardrails} \\ \end{array}$

HISTORICAL INFORMATION

construction date 1950 designer/engineer Arizona Highway Department

project number I-10-1(20) builder/contractor

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1963 1979 alterations two culverts extended to form single structure;

guardrail added

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County

420 South County Road 23E Loveland, Colorado 80537

Culvert

05378

PROPERTY IDENTIFICATION

county La Paz inventory number

 $\begin{array}{ccc} \text{milepost} & 9.99 & \text{inventory route} & \text{I } 10; \text{EB \& WB} \\ \end{array}$

location 8.9 mi W Jct US 95 feature intersected Wash

city/vicinityEhrenbergUSGS quadrangleMiddle Camp Mountaindistrict82UTM reference11.743997.3726240

STRUCTURAL INFORMATION

 $\begin{array}{ccc} \text{main span number} & 2 & \text{main span type} & 219 \end{array}$

 $\begin{array}{lll} \mbox{appr. span number} & 0 & \mbox{appr. span type} \\ \mbox{degree of skew} & 0 & \mbox{guardrail type} \end{array}$

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 21.0 **substructure** concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

 $\begin{array}{ccc} \text{structure width} & 0.0 & \text{other features} & \text{none} \end{array}$

HISTORICAL INFORMATION

construction date 1963 designer/engineer Arizona Highway Department

project number I-10-1(20) builder/contractor

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Gonzales Wash Culvert

DEDTV	IDENTIFICATION	N

county La Paz inventory number 05379

milepost 10.17 inventory route I 10; EB & WB location 8.7 mi W Jct US 95 feature intersected Gonzales Wash

city/vicinity Ehrenberg USGS quadrangle Middle Camp Mountain district 82 UTM reference 11.744294.3726280

STRUCTURAL INFORMATION

main span number 4 main span type 219

 $\begin{array}{lll} \mbox{appr. span number} & 0 & \mbox{appr. span type} \\ \mbox{degree of skew} & 45 & \mbox{guardrail type} \end{array}$

main span length12.0superstructureconcrete box culvert

structure length 72.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

 $\begin{array}{ccc} \textbf{structure width} & 0.0 & \textbf{other features} & \text{steel Thrie beam guardrails} \\ \end{array}$

HISTORICAL INFORMATION

 construction date
 1950
 designer/engineer
 Arizona Highway Department

 project number
 FL-1(4)
 builder/contractor
 Yount Constructors Inc., Azusa CA

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1963 1979 **alterations** two culverts extended to form single structure; guardrail added

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NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 02 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign

420 South County Road 23E Loveland, Colorado 80537

Gonzales Wash Culvert

	TV IDENIT	IFICATION
FNUFER		IFICATION

county La Paz inventory number 05381

milepost 10.29 inventory route I 10; EB & WB location 8.6 mi W Jct US 95 feature intersected Gonzales Wash

city/vicinityEhrenbergUSGS quadrangleMiddle Camp Mountaindistrict82UTM reference11.744295.3726253

STRUCTURAL INFORMATION

 $\begin{array}{ccc} \text{main span number} & 3 & & \text{main span type} & & 219 \end{array}$

 $\begin{array}{lll} \mbox{appr. span number} & 0 & \mbox{appr. span type} \\ \mbox{degree of skew} & 45 & \mbox{guardrail type} \end{array}$

 main span length
 12.0
 superstructure
 concrete box culvert

structure length 54.0 **substructure** concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

 $\begin{array}{ccc} \textbf{structure width} & 0.0 & \textbf{other features} & \text{steel Thrie beam guardrails} \\ \end{array}$

HISTORICAL INFORMATION

 construction date
 1950
 designer/engineer
 Arizona Highway Department

 project number
 FI-98(16)
 builder/contractor
 Yount Constructors Inc., Azusa CA

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) 1979 alterations two culverts extended to form single structure;

guardrail added

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 01 NRHP eligibility non-eligible

NRHP criteria A ____ B ___ C ___

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South Count

420 South County Road 23E Loveland, Colorado 80537

Culvert

PROPERTY IDENTIFICATION

county La Paz inventory number 05383

 $\begin{tabular}{ll} \textbf{milepost} & 11.11 & \textbf{inventory route} & I~10; EB \& WB \\ \end{tabular}$

location 7.8 mi W Jct US 95 feature intersected Wash

city/vicinityEhrenbergUSGS quadrangleMiddle Camp Mountaindistrict82UTM reference11.745802.3726260

STRUCTURAL INFORMATION

 $\begin{array}{ccc} \text{main span number} & 2 & & \text{main span type} & & 219 \end{array}$

 $\begin{array}{lll} \mbox{appr. span number} & 0 & \mbox{appr. span type} \\ \mbox{degree of skew} & 0 & \mbox{guardrail type} \end{array}$

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 21.0 substructure concrete abutments, wingwalls and pier

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

structure width 0.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1932 designer/engineer Arizona Highway Department

 project number
 FI-98(16)
 builder/contractor
 Martin Construction Company, Tucson AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) 1979 **alterations** two culverts extended to form single structure;

guardrail added

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 10 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

Dome Rock Overpass

PROPERTY	/ IDENTIFICATION
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county La Paz inventory number 00756 11.95 milepost inventory route I 10; WB

location 6.9 mi W Jct US 95 feature intersected Dome Rock Road city/vicinity Quartzsite **USGS** quadrangle Middle Camp Mountain district 82 **UTM** reference 11.747084.3726178

STRUCTURAL INFORMATION

main span number 3 main span type 201 appr. span number 0 appr. span type 8 degree of skew guardrail type concrete slab main span length 33.0 superstructure

structure length 90.0 substructure concrete abutments, wingwalls and spill-though

38.0 concrete deck with asphalt overlay roadway width floor/decking structure width 43.2 other features steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1963 designer/engineer Arizona Highway Department project number I-10-1(15) builder/contractor Vinnell Company Inc., Alhambra CA information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

inventory score NRHP eligibility non-eligible

NRHP criteria Α В C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Dome Rock Overpass

PROPERTY IDENTIFICATION

county La Paz inventory number 00755 11.95 milepost inventory route I 10; EB

location 6.9 mi W Jct US 95 feature intersected Dome Rock Road city/vicinity Quartzsite **USGS** quadrangle Middle Camp Mountain district 82 **UTM** reference 11.747084.3726151

STRUCTURAL INFORMATION

main span number 3 main span type 201 appr. span number 0 appr. span type 8 degree of skew guardrail type concrete slab main span length 33.0 superstructure

structure length 90.0 substructure concrete abutments, wingwalls and spill-though

37.9 concrete deck with asphalt overlay roadway width floor/decking structure width 43.2 other features steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1963 designer/engineer Arizona Highway Department project number I-10-1(15) builder/contractor Vinnell Company Inc., Alhambra CA information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible **NRHP** criteria Α В C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

inventory score

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county La Paz inventory number 05385

location 6.3 mi W Jct US 95 feature intersected Wash

city/vicinityQuartzsiteUSGS quadrangleMiddle Camp Mountaindistrict82UTM reference11.748235.3726327

STRUCTURAL INFORMATION

main span number 2 main span type 219

 $\begin{array}{lll} \mbox{appr. span number} & 0 & \mbox{appr. span type} \\ \mbox{degree of skew} & 0 & \mbox{guardrail type} \end{array}$

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 21.0 **substructure** concrete abutments, wingwalls and pier

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

structure width 0.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1953 designer/engineer Arizona Highway Department

 project number
 FI-98(16)
 builder/contractor
 Martin Construction Company, Tucson AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) 1979 alterations two culverts extended to form single structure;

guardrail added

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 02 NRHP eligibility non-eligible

NRHP criteria A ____ B ___ C ___

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South Count

420 South County Road 23E Loveland, Colorado 80537

Culvert

PROPERTY IDENTIFICATION

county La Paz inventory number 05387

location 4.9 mi W Jct US 95 feature intersected Wash

city/vicinityQuartzsiteUSGS quadrangleMiddle Camp Mountaindistrict82UTM reference11.750312.3726740

STRUCTURAL INFORMATION

 $\begin{array}{ccc} \text{main span number} & 3 & & \text{main span type} & & 219 \end{array}$

 $\begin{array}{lll} \mbox{appr. span number} & 0 & \mbox{appr. span type} \\ \mbox{degree of skew} & 0 & \mbox{guardrail type} \end{array}$

 $\begin{tabular}{lll} {\bf main span length} & 8.0 & {\bf superstructure} & {\bf concrete \ box \ culvert} \\ \end{tabular}$

structure length 27.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1963 designer/engineer Arizona Highway Department

 project number
 FI-98(16)
 builder/contractor
 Martin Construction Company, Tucson AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) 1979 **alterations** two culverts extended to form single structure;

guardrail added

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A ____ B ___ C ___

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign

420 South County Road 23E Loveland, Colorado 80537

Culvert

PROPERTY IDENTIFICATION

county La Paz inventory number 05389

 $\begin{tabular}{lll} \textbf{milepost} & 15.16 & \textbf{inventory route} & I~10; EB \& WB \\ \end{tabular}$

location 3.7 mi W Jct US 95 feature intersected Wash

city/vicinityQuartzsiteUSGS quadrangleMiddle Camp Mountaindistrict82UTM reference11.752200.3727120

STRUCTURAL INFORMATION

 $\begin{array}{ccc} \text{main span number} & 3 & & \text{main span type} & & 219 \end{array}$

 $\begin{array}{lll} \mbox{appr. span number} & 0 & \mbox{appr. span type} \\ \mbox{degree of skew} & 0 & \mbox{guardrail type} \end{array}$

main span length 10.0 superstructure concrete box culvert structure length 32.0 substructure concrete abutments, y

structure length32.0substructureconcrete abutments, wingwalls and piersroadway width0.0floor/deckingasphalt roadway

structure width 0.0 other features steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1953 designer/engineer Arizona Highway Department

 project number
 FI-98(20)
 builder/contractor
 W.J. Henson Contracting Co., Prescott AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) 1979 **alterations** two culverts extended to form single structure;

guardrail added

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 03 NRHP eligibility non-eligible

NRHP criteria A ____ B ___ C ___

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E

Loveland, Colorado 80537

La Cholla Wash Culvert

PROPERTY IDENTIFICATION

city/vicinityQuartzsiteUSGS quadrangleMiddle Camp Mountaindistrict82UTM reference11.753930.3727473

STRUCTURAL INFORMATION

structure length 97.0 substructure concrete abutments, wingwalls and piers roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 other features steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1963 designer/engineer Arizona Highway Department
project number I-10-1(15) builder/contractor Vinnell Company Inc., Alhambra CA
information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1979 alterations Thrie beam guardrail installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 03 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

La Cholla Wash Culvert

PROPERTY IDENTIFICATION

county La Paz inventory number 05391
milepost 16.24 inventory route I 10; EB

location 2.7 mi W Jct US 95 feature intersected La Cholla Wash

city/vicinityQuartzsiteUSGS quadrangleMiddle Camp Mountaindistrict82UTM reference11.753932.3727440

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert structure length 98.0 substructure concrete abutments, wingwalls and piers

roadway width 39.2 floor/decking asphalt roadway

structure width 42.5 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1953 designer/engineer Arizona Highway Department

project numberFI-98(20)builder/contractorW.J. Henson Contracting Co., Prescott AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)196319811997alterationsthree barrels added; guardrails replaced twice

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 09 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

city/vicinity Quartzsite USGS quadrangle Quartzsite

district 82 **UTM reference** 11.756362.3728160

STRUCTURAL INFORMATION

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 21.0 **substructure** concrete abutments, wingwalls and pier

roadway width 40.5 floor/decking asphalt roadway

structure width 63.9 other features none

HISTORICAL INFORMATION

construction date 1933 designer/engineer Arizona Highway Department
project number FAP 98-G builder/contractor V.R. Dennis Construction Company
information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1997 alterations barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 04 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county La Paz inventory number 05405

20.83 milepost inventory route I 10; EB & WB

location 1.9 mi E Jct US 95 feature intersected Wash city/vicinity Quartzsite **USGS** quadrangle Quartzsite

district 82 **UTM** reference 11.761273.3728844

STRUCTURAL INFORMATION

main span number 4 main span type 219

appr. span number 0 appr. span type degree of skew 45 guardrail type

10.0 concrete box culvert superstructure main span length

structure length 60.0 substructure concrete abutments, wingwalls and piers

0.0 roadway width floor/decking asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1960 Arizona Highway Department I-10-1(11) project number builder/contractor Mohamed Earthmoving Contractors information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1980 two culverts extended to form single structure

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

Culvert

PROPERTY IDENTIFICATION

county La Paz inventory number 05407

22.06 milepost inventory route I 10; EB & WB

location 3.20 mi E Jct US 95 feature intersected Wash city/vicinity Quartzsite **USGS** quadrangle Quartzsite

district 82 **UTM** reference 11.763146.3729142

STRUCTURAL INFORMATION

main span number 6 main span type 219

appr. span number 0 appr. span type degree of skew 45 guardrail type

10.0 concrete box culvert superstructure main span length

91.0 structure length substructure concrete abutments, wingwalls and piers

0.0 roadway width floor/decking asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1960 Arizona Highway Department I-10-1(11) project number builder/contractor Mohamed Earthmoving Contractors information source ADOT bridge records structure owner

Arizona Department of Transportation alteration date(s) alterations 1980 two culverts extended to form single structure

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

Gold Nugget Mine Underpass

PROPERTY IDENTIFICATION

county La Paz inventory number 00769

milepost 26.65 inventory route Gold Nugget Mine Road

location 4.6 mi West of Jct US 60 feature intersected Interstate 10 city/vicinity Quartzsite **USGS** quadrangle Plomosa Pass district 82 **UTM** reference 11.770333.3730405

STRUCTURAL INFORMATION

main span number 4 main span type 402 appr. span number 0 appr. span type 3

degree of skew guardrail type 78.0 superstructure steel I-beam stringer main span length

structure length 250.0 substructure concrete abutments, wingwalls and piers roadway width 26.0 floor/decking concrete deck with asphalt overlay concrete guardrails with aluminum tubes 31.2 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1963 Arizona Highway Department I-10-1(19) project number builder/contractor Vinnell Company Inc., Alhambra CA information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s)

alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

inventory score 23 NRHP eligibility non-eligible

> NRHP criteria В

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Italian Wash Culvert

PROPERTY IDENTIFICATION

county La Paz inventory number 06103

26.80 milepost inventory route I 10; EB & WB location 4.4 mi West of Jct US 60 feature intersected Italian Wash city/vicinity Quartzsite **USGS** quadrangle Plomosa Pass district 82 **UTM** reference 11.770593.3730400

STRUCTURAL INFORMATION

main span number 6 main span type 219

 $\begin{array}{lll} \mbox{appr. span number} & 0 & \mbox{appr. span type} \\ \mbox{degree of skew} & 0 & \mbox{guardrail type} \end{array}$

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 64.0 substructure concrete abutments, wingwalls and piers

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

 $\begin{array}{ccc} \text{structure width} & 0.0 & \text{other features} & \text{none} \end{array}$

HISTORICAL INFORMATION

 construction date
 1953
 designer/engineer
 Arizona Highway Department

 project number
 FI-98(19)
 builder/contractor
 Wallace & Wallace & Wallace, Phoenix AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1980 alterations two culverts extended to form single structure

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county La Paz inventory number 05409

28.81 milepost inventory route I 10; EB & WB

location 2.4 mi West of Jct US 60 feature intersected Wash

city/vicinity Brenda **USGS** quadrangle Plomosa Pass district 82 **UTM** reference 11.773745.3729780

STRUCTURAL INFORMATION

main span number 6 main span type 219

appr. span number 0 appr. span type degree of skew guardrail type

concrete box culvert 10.0 superstructure main span length

structure length 64.0 substructure concrete abutments, wingwalls and piers

0.0 roadway width floor/decking asphalt roadway

steel Thrie beam guardrails 0.0 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1953 Arizona Highway Department FI-98(19) project number builder/contractor Wallace & Wallace, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1963 1979 one barrel added to one culvert; two culverts extended to form single structure; guardrail added

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

inventory score 06 non-eligible

NRHP eligibility **NRHP** criteria C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E

Loveland, Colorado 80537

Culvert

PROPERTY IDENTIFICATION

county La Paz inventory number 06108 30.68 milepost inventory route I 10; EB location 0.5 mi West Jct US 60 feature intersected Wash

city/vicinity Brenda **USGS** quadrangle Plomosa Pass district 82 **UTM** reference 11.776335.3728717

STRUCTURAL INFORMATION

main span number 3 main span type 219 appr. span number 0 appr. span type degree of skew guardrail type

concrete box culvert 10.0 superstructure main span length

structure length 37.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

steel Thrie beam guardrails 0.0 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1953 Arizona Highway Department FI-98(19) project number builder/contractor Wallace & Wallace, Phoenix AZ structure owner

information source ADOT bridge records Arizona Department of Transportation

alteration date(s) alterations 1967 barrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score 03

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pinal inventory number 06340

milepost 198.07 inventory route WB On & Off Ramps

location 1.0 mi North Jct I 8 feature intersected Canal

city/vicinityArizolaUSGS quadrangleCasa Grande Mountainsdistrict81UTM reference12.435820.3633427

STRUCTURAL INFORMATION

 $\begin{array}{ccc} \text{main span number} & 2 & & \text{main span type} & & 219 \end{array}$

 $\begin{array}{lll} \mbox{appr. span number} & 0 & \mbox{appr. span type} \\ \mbox{degree of skew} & 15 & \mbox{guardrail type} \end{array}$

main span length12.0superstructureconcrete box culvert

structure length 26.0 substructure concrete abutments, wingwalls and pier

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date 1963 designer/engineer Arizona Highway Department

project number I-10-3(49) builder/contractor

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 02 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pinal inventory number 05480

 $\begin{tabular}{lll} \textbf{milepost} & 201.36 & \textbf{inventory route} & I~10; EB \& WB \\ \end{tabular}$

location 2.3 mi SE Jct I 8 feature intersected Wash

city/vicinityArizolaUSGS quadrangleCasa Grande Mountainsdistrict81UTM reference12.438844.3629094

STRUCTURAL INFORMATION

 $\begin{array}{ccc} \text{main span number} & 3 & & \text{main span type} & & 219 \end{array}$

 $\begin{array}{lll} \mbox{appr. span number} & 0 & \mbox{appr. span type} \\ \mbox{degree of skew} & 0 & \mbox{guardrail type} \end{array}$

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 32.0 substructure concrete abutments, wingwalls and piers

HISTORICAL INFORMATION

construction date 1963 designer/engineer Arizona Highway Department

project numberI-10-4(39)builder/contractorRoyden Construction Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) 1978 alterations two culverts extended to form single structure

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

Culvert

PROPERTY IDENTIFICATION

county Pinal inventory number 05482

 $\begin{array}{ccc} \text{milepost} & 201.85 & \text{inventory route} & \text{I } 10; EB \& WB \end{array}$

location 2.8 mi SE Jct I 8 feature intersected Wash

city/vicinityToltecUSGS quadrangleCasa Grande Mountainsdistrict81UTM reference12.439350.3628723

STRUCTURAL INFORMATION

 $\begin{array}{ccc} \text{main span number} & 3 & & \text{main span type} & & 219 \end{array}$

 $\begin{array}{lll} \mbox{appr. span number} & 0 & \mbox{appr. span type} \\ \mbox{degree of skew} & 0 & \mbox{guardrail type} \end{array}$

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 32.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

 $\begin{array}{ccc} \text{structure width} & 0.0 & \text{other features} & \text{none} \end{array}$

HISTORICAL INFORMATION

construction date 1963 designer/engineer Arizona Highway Department

 project number
 I-10-4(39)
 builder/contractor
 Royden Construction Company, Phoenix AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) 1978 alterations two culverts extended to form single structure

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pinal inventory number 05484

202.70 milepost inventory route I 10; EB & WB

location 3.6 mi SE of Jct I 8 feature intersected Wash

city/vicinity Toltec **USGS** quadrangle Casa Grande Mountains district 81 **UTM** reference 12.440543.3627833

STRUCTURAL INFORMATION

main span number 4 main span type 219

appr. span number 0 appr. span type degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

structure length 43.0 substructure concrete abutments, wingwalls and piers

0.0 roadway width floor/decking asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1963 Arizona Highway Department

I-10-4(39) project number builder/contractor Royden Construction Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations 1979 two culverts extended to form single structure

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

Battaglia Road Underpass

PROPERTY IDENTIFICATION

county Pinal inventory number 00943

milepost205.45inventory routeBattaglia Roadlocation6.4 mi SE of Jct I 8feature intersectedInterstate 10city/vicinityToltecUSGS quadrangleEloy North

district 81 **UTM reference** 12.444116.3625165

STRUCTURAL INFORMATION

main span number5main span type402appr. span number0appr. span typedegree of skew53quardrail type3

structure length425.0substructureconcrete abutments, wingwalls and piersroadway width26.0floor/deckingconcrete deck with asphalt overlaystructure width31.2other featuresconcrete guardrails with aluminum tubes

HISTORICAL INFORMATION

construction date 1963 designer/engineer Arizona Highway Department

project numberI-10-4(39)builder/contractorRoyden Construction Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 26 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Picacho Peak Overpass

PROPERTY IDENTIFICATION

 location
 08.9 mi E Jct SR 84
 feature intersected
 Picacho Peak Road

 city/vicinity
 Picacho
 USGS quadrangle
 Newman Peak

 district
 81
 UTM reference
 12.463100.3612260

STRUCTURAL INFORMATION

25.0 superstructure concrete rigid frame main span length structure length 29.0 substructure concrete abutments and wingwalls roadway width 38.0 floor/decking concrete deck with asphalt overlay steel Thrie beam guardrails 41.5 structure width other features

HISTORICAL INFORMATION

 construction date
 1960
 designer/engineer
 Karan Engineering Company

project numberI-10-4(18)builder/contractorGivens Construction Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1990alterationsThrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 12 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement relatively late example of uncommon structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Picacho Peak Overpass

PROPERTY IDENTIFICATION

 $\begin{array}{cccc} \textbf{county} & Pinal & \textbf{inventory number} & 00573 \\ \textbf{milepost} & 219.85 & \textbf{inventory route} & I~10; WB \\ \end{array}$

location08.9 mi E Jct SR 84feature intersectedPicacho Peak Roadcity/vicinityPicachoUSGS quadrangleNewman Peakdistrict81UTM reference12.463128.3612280

STRUCTURAL INFORMATION

main span length25.0superstructureconcrete rigid framestructure length29.0substructureconcrete abutments and wingwallsroadway width38.0floor/deckingconcrete deck with asphalt overlay

structure width 41.5 other features steel Thrie beam guardrails

HISTORICAL INFORMATION

 construction date
 1960
 designer/engineer
 Karan Engineering Company

 project number
 I-10-4(18)
 builder/contractor
 Givens Construction Company, Phoenix AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) 1990 **alterations** Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 12 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement relatively late example of uncommon structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pinal inventory number 05486

milepost 222.20 inventory route I 10; EB & WB location 11.2 mi South Jct SR 84 feature intersected Wash

city/vicinity Red Rock USGS quadrangle Red Rock

district 81 **UTM** reference 12.465816.3609527

STRUCTURAL INFORMATION

 $\begin{array}{ccc} \text{main span number} & 3 & & \text{main span type} & & 219 \end{array}$

 $\begin{array}{lll} \mbox{appr. span number} & 0 & \mbox{appr. span type} \\ \mbox{degree of skew} & 0 & \mbox{guardrail type} \end{array}$

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 32.0 substructure concrete abutments, wingwalls and piers

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date 1954 designer/engineer Arizona Highway Department

project number I-10-4(13) builder/contractor Western Constructors Inc., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1960 1979 alterations barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 03 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pinal inventory number 05488

milepost 222.40 inventory route I 10; EB & WB location 11.4 mi South Jct SR 84 feature intersected Wash

city/vicinity Red Rock USGS quadrangle Red Rock

district 81 **UTM** reference 12.465957.3609320

STRUCTURAL INFORMATION

 $\begin{array}{ccc} \text{main span number} & 3 & & \text{main span type} & & 219 \end{array}$

 $\begin{array}{lll} \mbox{appr. span number} & 0 & \mbox{appr. span type} \\ \mbox{degree of skew} & 0 & \mbox{guardrail type} \end{array}$

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 32.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

 $\begin{array}{ccc} \text{structure width} & 0.0 & \text{other features} & \text{none} \end{array}$

HISTORICAL INFORMATION

construction date 1954 designer/engineer Arizona Highway Department

project number I-10-4(13) builder/contractor Western Constructors Inc., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1979 **alterations** two culverts extended to form single structure

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pinal inventory number 05490

222.95 milepost inventory route I 10; EB & WB location 11.98 mi S of Jct SR 84 feature intersected Wash

city/vicinity Red Rock **USGS** quadrangle Red Rock

district **UTM** reference 12.466514.3608534

STRUCTURAL INFORMATION

main span number 4 main span type 219

appr. span number 0 appr. span type degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

structure length 43.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1954 Arizona Highway Department

I-10-4(13) project number builder/contractor Western Constructors Inc., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1979 two culverts extended to form single structure

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pinal inventory number 05492

223.25 milepost inventory route I 10; EB & WB location 12.3 mi South Jct SR 84 feature intersected Wash

city/vicinity Red Rock **USGS** quadrangle Red Rock

district **UTM** reference 12.466843.3608062

STRUCTURAL INFORMATION

main span number 3 main span type 219

appr. span number 0 appr. span type degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

structure length 32.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1950 Arizona Highway Department

I-10-4(13) project number builder/contractor Western Constructors Inc., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1979 two culverts extended to form single structure

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score 03

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pinal inventory number 05494

223.45 milepost inventory route I 10; EB & WB

location 12.5 mi South Jct SR 84 feature intersected Wash city/vicinity Red Rock **USGS** quadrangle Red Rock

district **UTM** reference 12.467000.3607823

STRUCTURAL INFORMATION

main span number 5 main span type 219

appr. span number 0 appr. span type degree of skew guardrail type

concrete box culvert 10.0 superstructure main span length

structure length 53.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1954 Arizona Highway Department

I-10-4(13) project number builder/contractor Western Constructors Inc., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1979 two culverts extended to form single structure

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score 05

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pinal inventory number 05496

223.90 milepost inventory route I 10; EB & WB location 12.9 mi South Jct SR 84 feature intersected Wash

city/vicinity Red Rock **USGS** quadrangle Red Rock

district **UTM** reference 12.467340.3607362

STRUCTURAL INFORMATION

main span number 4 main span type 219

appr. span number 0 appr. span type degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

structure length 43.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1954 Arizona Highway Department

I-10-4(13) project number builder/contractor Western Constructors Inc., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1979 two culverts extended to form single structure

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score 04

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pinal inventory number 05498

224.50 milepost inventory route I 10; EB & WB

location 13.5 mi South Jct SR 84 feature intersected Wash city/vicinity Red Rock **USGS** quadrangle Red Rock

district **UTM** reference 12.467886.3606570

STRUCTURAL INFORMATION

main span number 3 main span type 219

appr. span number 0 appr. span type degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

structure length 32.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1954 Arizona Highway Department

I-10-4(13) project number builder/contractor Western Constructors Inc., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1979 two culverts extended to form single structure

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

NRHP eligibility non-eligible inventory score 03

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pinal inventory number 05500

milepost 224.90 inventory route I 10; EB & WB location 13.9 mi South Jct SR 84 feature intersected Wash

city/vicinity Red Rock USGS quadrangle Red Rock

district 81 **UTM** reference 12.468286.3606017

STRUCTURAL INFORMATION

 $\begin{array}{ccc} \text{main span number} & 4 & & \text{main span type} & & 219 \end{array}$

 $\begin{array}{lll} \mbox{appr. span number} & 0 & \mbox{appr. span type} \\ \mbox{degree of skew} & 0 & \mbox{guardrail type} \end{array}$

 $\begin{tabular}{lll} {\bf main span length} & 10.0 & {\bf superstructure} & {\bf concrete box culvert} \\ \end{tabular}$

structure length 43.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date 1954 designer/engineer Arizona Highway Department

project number I-10-4(13) builder/contractor Western Constructors Inc., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1979 **alterations** two culverts extended to form single structure

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 04 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pinal inventory number 05502

225.20 milepost inventory route I 10; EB & WB

location 14.2 mi South Jct SR 84 feature intersected Wash

city/vicinity Red Rock **USGS** quadrangle Aguila Mountains SW district **UTM** reference 12.268480.3605724

STRUCTURAL INFORMATION

main span number 3 main span type 219

appr. span number 0 appr. span type degree of skew guardrail type

concrete box culvert 10.0 superstructure main span length

structure length 32.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1954 Arizona Highway Department

I-10-4(13) project number builder/contractor Western Constructors Inc., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation alterations

alteration date(s) 1979 two culverts extended to form single structure

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score 03

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pinal inventory number 05504

225.85 milepost inventory route I 10; EB-WB & FRs

location 14.9 mi South Jct SR 84 feature intersected Wash city/vicinity Red Rock **USGS** quadrangle Red Rock

district **UTM** reference 12.469097.3604830

STRUCTURAL INFORMATION

main span number 2 main span type 219

appr. span number 0 appr. span type degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

structure length 24.0 substructure concrete abutments, wingwalls and pier

roadway width 0.0 floor/decking asphalt roadway

steel Thrie beam guardrails 0.0 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1954 Arizona Highway Department

I-10-4(13) project number builder/contractor Western Constructors Inc., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation alterations

alteration date(s) 1979 two culverts extended to form single structure;

guardrail added

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 02 NRHP eligibility non-eligible

> **NRHP** criteria C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign

420 South County Road 23E Loveland, Colorado 80537

May 2009

Red Rock Underpass

PROPERTY IDENTIFICATION

county Pinal inventory number 00592

226.45 milepost inventory route Red Rock Road location 15.5 mi South Jct SR 84 feature intersected Interstate 10 city/vicinity Red Rock **USGS** quadrangle Red Rock

district **UTM** reference 12.469708.3603988

STRUCTURAL INFORMATION

main span number 2 main span type 204 appr. span number 0 appr. span type degree of skew guardrail type

79.0 superstructure concrete deck girder main span length

structure length 162.0 substructure concrete abutments, wingwalls and piers roadway width 26.0 floor/decking concrete deck with asphalt overlay ASHD standard steel baluster guardrails 31.0 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1959 Arizona Highway Department

I-002-2(10) project number builder/contractor information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

inventory score 17 NRHP eligibility non-eligible

NRHP criteria

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pinal inventory number 05506

226.80 milepost inventory route I 10; EB & WB location 15.8 mi South Jct SR 84 feature intersected Wash

city/vicinity Red Rock **USGS** quadrangle Red Rock

district **UTM** reference 12.470044.3603522

STRUCTURAL INFORMATION

main span number 3 main span type 219

appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

structure length 32.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1954 Arizona Highway Department

I-10-4(13) project number builder/contractor Western Constructors Inc., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1979 two culverts extended to form single structure

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pinal inventory number 05508

milepost 227.10 inventory route I 10; EB & WB

district 81 **UTM** reference 12.470298.3603174

STRUCTURAL INFORMATION

 $\begin{array}{ccc} \text{main span number} & 3 & & \text{main span type} & & 219 \end{array}$

 $\begin{array}{lll} \mbox{appr. span number} & 0 & \mbox{appr. span type} \\ \mbox{degree of skew} & 0 & \mbox{guardrail type} & 0 \end{array}$

structure length 32.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date 1954 designer/engineer Arizona Highway Department

project number I-10-4(13) builder/contractor Western Constructors Inc., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1979 **alterations** two culverts extended to form single structure

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pinal inventory number 05510

228.05 milepost inventory route I 10; EB & WB

location 17.0 mi South Jct SR 84 feature intersected Wash city/vicinity Avra **USGS** quadrangle Red Rock

district 81 **UTM** reference 12.471207.3601878

STRUCTURAL INFORMATION

main span number 3 main span type 219

appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

structure length 32.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1954 Arizona Highway Department

I-10-4(13) project number builder/contractor Western Constructors Inc., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1979 two culverts extended to form single structure

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

NRHP eligibility non-eligible inventory score 03

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pinal inventory number 05512

 $\begin{tabular}{lll} \textbf{milepost} & 228.45 & \textbf{inventory route} & I~10;~EB~\&~WB \\ \end{tabular}$

location17.5 mi South Jct SR 84feature intersectedWashcity/vicinityAvraUSGS quadrangleRed Rock

district 81 **UTM reference** 12.471602.3601330

STRUCTURAL INFORMATION

main span number 4 main span type 219

appr. span number $\ 0$ appr. span type degree of skew $\ 0$ guardrail type $\ 0$

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 43.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

 $\begin{array}{ccc} \textbf{structure width} & 0.0 & \textbf{other features} & \text{steel Thrie beam guardrails} \\ \end{array}$

HISTORICAL INFORMATION

construction date 1954 designer/engineer Arizona Highway Department

project number I-10-4(13) builder/contractor Western Constructors Inc., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1979 **alterations** two culverts extended to form single structure;

guardrail added

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E

Loveland, Colorado 80537

May 2009

Culvert

PROPERTY IDENTIFICATION

county Pinal inventory number 05514

location18.0 mi South Jct 84feature intersectedWashcity/vicinityAvraUSGS quadrangleRed Rock

district 81 **UTM** reference 12.472105.3600620

STRUCTURAL INFORMATION

main span number 2 main span type 219

appr. span number $\ 0$ appr. span type degree of skew $\ 0$ guardrail type $\ 0$

 $\begin{tabular}{lll} {\bf main span length} & 10.0 & {\bf superstructure} & {\bf concrete \ box \ culvert} \\ \end{tabular}$

structure length 21.0 **substructure** concrete abutments, wingwalls and piers

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

 $\begin{array}{ccc} \textbf{structure width} & 0.0 & \textbf{other features} & \text{steel Thrie beam guardrails} \\ \end{array}$

HISTORICAL INFORMATION

construction date 1954 designer/engineer Arizona Highway Department

project number I-10-4(13) builder/contractor Western Constructors Inc., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1979 **alterations** two culverts extended to form single structure;

guardrail added

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County

420 South County Road 23E Loveland, Colorado 80537

May 2009

Culvert

PROPERTY IDENTIFICATION

county Pinal inventory number 05516

milepost 229.50 inventory route I 10; EB & WB location 18.5 mi South Jct SR 84 feature intersected Wash

district 81 **UTM** reference 12.472500.3600030

STRUCTURAL INFORMATION

main span number 2 main span type 219

appr. span number $\ 0$ appr. span type degree of skew $\ 0$ guardrail type $\ 0$

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 21.0 **substructure** concrete abutments, wingwalls and piers

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date 1954 designer/engineer Arizona Highway Department

project number I-10-4(13) builder/contractor Western Constructors Inc., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1979 **alterations** two culverts extended to form single structure

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score ()2 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pinal inventory number 05518

 $\begin{array}{ccc} \textbf{milepost} & 230.80 & \textbf{inventory route} & \text{I } 10; EB \& WB \\ \end{array}$

location19.8 mi South Jct SR 84feature intersectedWashcity/vicinityAvraUSGS quadrangleRed Rock

district 81 **UTM reference** 12.473713.3598380

STRUCTURAL INFORMATION

 $\begin{array}{ccc} \text{main span number} & 3 & & \text{main span type} & & 219 \end{array}$

appr. span number $\ 0$ appr. span type degree of skew $\ 0$ guardrail type $\ 0$

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 32.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

 $\begin{array}{ccc} \text{structure width} & 0.0 & \text{other features} & \text{none} \end{array}$

HISTORICAL INFORMATION

construction date 1954 designer/engineer Arizona Highway Department

 project number
 I-10-4(13)
 builder/contractor
 Western Constructors Inc., Phoenix AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) 1979 **alterations** two culverts extended to form single structure

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 03 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pinal inventory number 05520

district 81 **UTM** reference 12.473892.3598070

STRUCTURAL INFORMATION

 $\begin{array}{ccc} \text{main span number} & 2 & & \text{main span type} & & 219 \end{array}$

appr. span number $\ 0$ appr. span type degree of skew $\ 0$ guardrail type $\ 0$

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 21.0 **substructure** concrete abutments, wingwalls and pier

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

 $\begin{array}{ccc} \text{structure width} & 0.0 & \text{other features} & \text{none} \end{array}$

HISTORICAL INFORMATION

construction date 1954 designer/engineer Arizona Highway Department

project number I-10-4(13) builder/contractor Western Constructors Inc., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1979 **alterations** two culverts extended to form single structure

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 02 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pinal inventory number 05522

 location
 20.6 mi South Jct 84
 feature intersected
 Wash

 city/vicinity
 Avra
 USGS quadrangle
 Red Rock

district 81 **UTM reference** 12.474434.3597274

STRUCTURAL INFORMATION

main span number 2 main span type 219

appr. span number $\ 0$ appr. span type degree of skew $\ 0$ guardrail type $\ 0$

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 21.0 **substructure** concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

 $\begin{array}{ccc} \text{structure width} & 0.0 & \text{other features} & \text{none} \end{array}$

HISTORICAL INFORMATION

construction date 1954 designer/engineer Arizona Highway Department

project number I-10-4(13) builder/contractor Western Constructors Inc., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1979 **alterations** two culverts extended to form single structure

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 02 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Pinal Air Park Underpass

PROPERTY IDENTIFICATION

county Pinal inventory number 00771

232.02 milepost inventory route Pinal Air Park Road location 21.0 mi South Jct SR 84 feature intersected Interstate 10 city/vicinity Avra **USGS** quadrangle Red Rock

district 81 **UTM** reference 12.474736.3596602

STRUCTURAL INFORMATION

main span number 4 main span type 402 appr. span number 0 appr. span type 6 degree of skew guardrail type

89.0 superstructure steel I-beam stringer main span length

251.0 structure length substructure concrete abutments with concrete column piers

roadway width 30.0 floor/decking concrete deck

steel beam guardrails with Thrie beams at 35.0 structure width other features

approaches

HISTORICAL INFORMATION

construction date designer/engineer 1964 Johannessen & Girand; Earle V. Miller I-10-4(27)I project number builder/contractor Martin Construction Company, Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation guardrails replaced

alteration date(s) alterations 1995

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

countyPimainventory number05525milepost232.80inventory routeI 10; WBlocation21.8 mi South Jct SR 84feature intersectedWash

city/vicinityAvraUSGS quadrangleWest of Maranadistrict81UTM reference12.475293.3595497

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert structure length 129.0 substructure concrete abutments, wingwalls and piers

roadway width 38.0 floor/decking asphalt roadway

structure width 48.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1963 designer/engineer Arizona Highway Department

project number I-10-4(27) builder/contractor Martin Construction Company, Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) ca1990 alterations Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 02 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pima inventory number 05524 232.80 milepost inventory route I 10; EB location 21.8 mi South Jct SR 84 feature intersected Wash

city/vicinity Avra **USGS** quadrangle West of Marana district 81 **UTM** reference 12.475260.3595490

STRUCTURAL INFORMATION

main span number 6 main span type 219 appr. span number 0 appr. span type 6 degree of skew guardrail type

10.0 concrete box culvert superstructure main span length structure length 129.0 substructure concrete abutments, wingwalls and piers

roadway width 38.0 floor/decking asphalt roadway

steel Thrie beam guardrails 48.0 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1963 Arizona Highway Department

I-10-4(27) project number builder/contractor Martin Construction Company, Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations ca1990 Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score 02

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

Culvert

PROPERTY IDENTIFICATION

 county
 Pima
 inventory number
 06064

 milepost
 232.90
 inventory route
 I 10; EFR

 location
 21.9 mi South Jct SR 84
 feature intersected
 Wash

city/vicinityAvraUSGS quadrangleWest of Maranadistrict81UTM reference12.475396.3595334

STRUCTURAL INFORMATION

main span number 3 main span type 219 appr. span number 0 appr. span type 6 degree of skew guardrail type concrete box culvert main span length 10.0 superstructure structure length 33.0 substructure concrete abutments, wingwalls and piers floor/decking roadway width 40.0 asphalt roadway 42.5 steel beam guardrails structure width other features

HISTORICAL INFORMATION

construction date1950designer/engineerArizona Highway Departmentproject numberFI-94(13)builder/contractorArizona Sand & Rock Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

NRHP eligibility non-eligible
NRHP criteria A _____ B ___ C ____

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pima inventory number 06065 234.04 milepost inventory route I 10; EFR location 23.0 mi South Jct SR 84 feature intersected Wash city/vicinity Marana **USGS** quadrangle Marana

district **UTM** reference 12.476812.3594042

STRUCTURAL INFORMATION

main span number 6 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete box culvert main span length 10.0 superstructure

structure length 64.0 substructure concrete abutments, wingwalls and piers

32.0 floor/decking roadway width asphalt roadway

33.5 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1931 Arizona Highway Department FAP 94-E project number builder/contractor Stanley Jaicks Company, Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation alterations

alteration date(s)

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 24 NRHP eligibility non-eligible

> NRHP criteria В C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pima inventory number 05526

234.45 milepost inventory route I 10; EB & WB

location 23.5 mi South Jct SR 84 feature intersected Wash city/vicinity Marana **USGS** quadrangle Marana

district **UTM** reference 12.477210.3593717

STRUCTURAL INFORMATION

main span number 4 main span type 219

appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

structure length 43.0 substructure concrete abutments, wingwalls and piers

0.0 floor/decking roadway width asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1951 Arizona Highway Department

I-10-4(27) project number builder/contractor Martin Construction Company, Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1963 1979 barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

Culvert

PROPERTY IDENTIFICATION

county Pima inventory number 06066 234.45 milepost inventory route I 10; EFR location 23.5 mi South Jct SR 84 feature intersected Wash

city/vicinity Marana **USGS** quadrangle Marana

district **UTM** reference 12.477225.3593755

STRUCTURAL INFORMATION

main span number 5 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete box culvert main span length 10.0 superstructure

structure length 53.0 substructure concrete abutments, wingwalls and piers

32.0 floor/decking roadway width asphalt roadway

33.5 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1931 Arizona Highway Department FAP 94-E project number builder/contractor Stanley Jaicks Company, Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation alterations

alteration date(s)

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 23 NRHP eligibility non-eligible

> NRHP criteria В C

signif. statement typically configured example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pima inventory number 06067

milepost 234.62 inventory route I 10; Frontage Road

location23.6 mi South Jct SR 84feature intersectedWashcity/vicinityMaranaUSGS quadrangleMarana

district 81 **UTM** reference 12.477442.3593580

STRUCTURAL INFORMATION

 $\begin{array}{ccc} \text{main span number} & 5 & & \text{main span type} & & 219 \end{array}$

appr. span number $\ 0$ appr. span type degree of skew $\ 0$ guardrail type $\ 0$

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 54.0 **substructure** concrete abutments, wingwalls and piers

roadway width 32.1 floor/decking asphalt roadway

structure width 33.6 other features none

HISTORICAL INFORMATION

 construction date
 1931
 designer/engineer
 Arizona Highway Department

 project number
 FAP 94-E
 builder/contractor
 Stanley Jaicks Company, Tucson AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 23 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typically configured example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pima inventory number 05528

234.62 milepost inventory route I 10; EB & WB location 23.6 mi South Jct SR 84 feature intersected Wash

city/vicinity Marana **USGS** quadrangle Marana

district **UTM** reference 12.477393.3593560

STRUCTURAL INFORMATION

main span number 4 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

structure length 43.0 substructure concrete abutments, wingwalls and piers

0.0 floor/decking roadway width asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1951 Arizona Highway Department

I-10-4(27) project number builder/contractor Martin Construction Company, Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1979

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

inventory score NRHP eligibility non-eligible

> NRHP criteria В C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pima inventory number 06069 235.75 milepost inventory route I 10; WB location 24.8 mi South Jct SR 84 feature intersected Canal city/vicinity Marana **USGS** quadrangle Marana

district **UTM** reference 12.478832.3592360

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type 0 degree of skew 45 guardrail type 10.0 concrete box culvert main span length superstructure

structure length 29.0 substructure concrete abutments, wingwalls and pier

floor/decking roadway width 0.0 asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1963 Arizona Highway Department

I-10-4(27) project number builder/contractor Martin Construction Company, Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 08 NRHP eligibility non-eligible

> NRHP criteria В C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pima inventory number 06068

milepost 235.75 inventory route I 10; EB & WFR

location24.8 mi South Jct SR 84feature intersectedCanalcity/vicinityMaranaUSGS quadrangleMarana

district 81 **UTM reference** 12.478826.3592344

STRUCTURAL INFORMATION

main span number 2 main span type 219

appr. span number $\ 0$ appr. span type degree of skew $\ 45$ guardrail type $\ 0$

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 30.0 substructure concrete abutments, wingwalls and pier

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

 $\begin{array}{ccc} \text{structure width} & 0.0 & \text{other features} & \text{none} \end{array}$

HISTORICAL INFORMATION

construction date 1963 designer/engineer Arizona Highway Department

project number I-10-4(27) builder/contractor Martin Construction Company, Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 08 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Marana Overpass

PROPERTY IDENTIFICATION

county Pima inventory number 00773 236.42 milepost inventory route I 10; EB location 25 4 mi South Jct SR 84 feature intersected Marana Road city/vicinity Marana **USGS** quadrangle Marana

district 81 **UTM reference** 12.479624.3591617

STRUCTURAL INFORMATION

main span number 3 main span type 502 appr. span number 0 appr. span type degree of skew guardrail type 63.0 prestressed concrete deck girder superstructure main span length structure length 127.0 substructure concrete abutments with concrete column piers roadway width 38.0 floor/decking concrete deck with asphalt overlay

oadway width 36.0 Hoof/decking concrete deek with asphale overlay

structure width 43.2 **other features** concrete guardrails with aluminum tubes and steel

Thrie beams

HISTORICAL INFORMATION

 construction date
 1963
 designer/engineer
 Arizona Highway Department

 project number
 I-10-4(27)II
 builder/contractor
 Martin Construction Company, Tucson AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

 alteration date(s)
 1979
 2001
 alterations
 Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 14 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typically configured example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Marana Overpass

PROPERTY IDENTIFICATION

county Pima inventory number 00774 236.42 milepost inventory route I 10; WB location 25.4 mi South Jct SR 84 feature intersected Marana Road city/vicinity Marana **USGS** quadrangle Marana

district 81 **UTM reference** 12.479640.3591638

STRUCTURAL INFORMATION

 main span number
 3
 main span type
 502

 appr. span number
 0
 appr. span type

 degree of skew
 0
 guardrail type
 8

 main span length
 63.0
 superstructure
 prestressed concrete deck girder

 structure length
 127.0
 substructure
 concrete abutments with concrete column piers

roadway width 38.0 floor/decking concrete deck with asphalt overlay

structure width 43.2 **other features** concrete guardrails with aluminum tubes and steel

Thrie beams

HISTORICAL INFORMATION

 construction date
 1963
 designer/engineer
 Arizona Highway Department

 project number
 I-10-4(27)II
 builder/contractor
 Martin Construction Company, Tucson AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

 alteration date(s)
 1979
 2001
 alterations
 Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 14 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typically configured example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pima inventory number 06053

milepost 237.28 inventory route I 10; Frontage Road

district 81 **UTM reference** 12.480660.3590776

STRUCTURAL INFORMATION

main span number 5 main span type 219

appr. span number $\ 0$ appr. span type degree of skew $\ 0$ guardrail type $\ 0$

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 55.0 **substructure** concrete abutments, wingwalls and piers

roadway width 32.0 floor/decking asphalt roadway

structure width 33.5 other features none

HISTORICAL INFORMATION

 construction date
 1931
 designer/engineer
 Arizona Highway Department

 project number
 FAP 94-E
 builder/contractor
 Stanley Jaicks Company, Tucson AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 23 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typically configured example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pima inventory number 05530

237.28 milepost inventory route I 10; EB & WB

location 23.1 mi North Jct I 19 feature intersected Wash city/vicinity Marana **USGS** quadrangle Marana

district 81 **UTM** reference 12.480667.3590792

STRUCTURAL INFORMATION

main span number 4 main span type 219

appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

43.0 structure length substructure concrete abutments, wingwalls and piers

0.0 floor/decking roadway width asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1951 Arizona Highway Department

builder/contractor project number

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1963 1979 alterations barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

> **NRHP** criteria В C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pima inventory number 06044 237.55 milepost inventory route I 10 EFR location 22.9 mi North Jct I 19 feature intersected Wash city/vicinity Marana **USGS** quadrangle Marana

district 81 **UTM reference** 12.480803.3590720

STRUCTURAL INFORMATION

main span length10.0superstructureconcrete box culvertstructure length53.0substructureconcrete abutments, wingwalls and piers

roadway width 32.1 floor/decking asphalt roadway

structure width 33.6 other features none

HISTORICAL INFORMATION

construction date1931designer/engineerArizona Highway Departmentproject numberFAP 94-Ebuilder/contractorStanley Jaicks Company, Tucson AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 23 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typically configured example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pima inventory number 05532

 location
 22.9 mi North Jct I 19
 feature intersected
 Wash

 city/vicinity
 Marana
 USGS quadrangle
 Marana

district 81 **UTM reference** 12.480797.3590690

STRUCTURAL INFORMATION

main span number 4 main span type 219

appr. span number $\ 0$ appr. span type degree of skew $\ 0$ guardrail type $\ 0$

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 43.0 substructure concrete abutments, wingwalls and piers

 $\begin{tabular}{lll} {\bf roadway \ width} & 0.0 & {\bf floor/decking} & {\bf asphalt \ roadway} \end{tabular}$

 $\begin{array}{ccc} \text{structure width} & 0.0 & \text{other features} & \text{none} \end{array}$

HISTORICAL INFORMATION

construction date 1951 designer/engineer Arizona Highway Department

project number I-10-4(27) builder/contractor Martin Construction Company, Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1963 1979 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 04 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537 May 2009

viay 2009

Culvert

PROPERTY IDENTIFICATION

county Pima inventory number 06054 237.73 milepost inventory route I 10 EFR location 22.7 mi North Jct I 19 feature intersected Wash city/vicinity Marana **USGS** quadrangle Marana

district 81 **UTM reference** 12.481096.3590510

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert structure length 98.0 substructure concrete abutments, wingwalls and piers

roadway width 32.1 floor/decking asphalt roadway

structure width 33.6 other features none

HISTORICAL INFORMATION

construction date1931designer/engineerArizona Highway Departmentproject numberFAP 94-Ebuilder/contractorStanley Jaicks Company, Tucson AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 27 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typically configured example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pima inventory number 05534

 location
 22.7 mi North Jct I 19
 feature intersected
 Wash

 city/vicinity
 Marana
 USGS quadrangle
 Marana

district 81 **UTM reference** 12.481074.3590450

STRUCTURAL INFORMATION

 $\begin{array}{ccc} \text{main span number} & 6 & & \text{main span type} & & 219 \end{array}$

appr. span number $\ 0$ appr. span type degree of skew $\ 0$ guardrail type $\ 0$

structure length 64.0 substructure concrete abutments, wingwalls and piers

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

 $\begin{array}{ccc} \textbf{structure width} & 0.0 & \textbf{other features} & \text{steel Thrie beam guardrails} \\ \end{array}$

HISTORICAL INFORMATION

construction date 1951 designer/engineer Arizona Highway Department

 project number
 I-10-4(27)
 builder/contractor
 Martin Construction Company, Tucson AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) 1963 1979 alterations barrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 06 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement relatively late example of uncommon structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY	IDENTIFICATION	

county Pima inventory number 06055

milepost 237.88 inventory route I 10; Frontage Road

district 81 **UTM reference** 12.481260.3590363

STRUCTURAL INFORMATION

main span number 4 main span type 219

appr. span number $\ 0$ appr. span type degree of skew $\ 0$ guardrail type $\ 0$

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 43.0 substructure concrete abutments, wingwalls and piers

roadway width 32.0 floor/decking asphalt roadway

structure width 33.5 other features none

HISTORICAL INFORMATION

 construction date
 1931
 designer/engineer
 Arizona Highway Department

 project number
 FAP 94-E
 builder/contractor
 Stanley Jaicks Company, Tucson AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 22 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typically configured example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pima inventory number 05536

237.88 milepost inventory route I 10; EB & WB

location 22.5 mi North Jct I 19 feature intersected Wash city/vicinity Marana **USGS** quadrangle Marana

district 81 **UTM** reference 12.481232.3590315

STRUCTURAL INFORMATION

main span number 3 main span type 219

appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

structure length 32.0 substructure concrete abutments, wingwalls and piers

floor/decking roadway width 0.0 asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1951 Arizona Highway Department

I-10-4(27) project number builder/contractor Martin Construction Company, Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1979 barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score 03

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pima inventory number 06041

238.03 milepost inventory route I 10; Frontage Road

location 22.4 mi North Jct I 19 feature intersected Wash city/vicinity Marana **USGS** quadrangle Marana

district **UTM** reference 12.481705.3589983

STRUCTURAL INFORMATION

main span number 9 main span type 219

appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

structure length 100.0 substructure concrete abutments, wingwalls and piers

32.1 floor/decking roadway width asphalt roadway

33.6 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1931 Arizona Highway Department FAP 94-E project number builder/contractor Stanley Jaicks Company, Tucson AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 27 NRHP eligibility non-eligible

> NRHP criteria В C

signif. statement typically configured example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pima inventory number 05538

milepost 238.03 inventory route I 10; EB & WB

 location
 22.4 mi North Jct I 19
 feature intersected
 Wash

 city/vicinity
 Marana
 USGS quadrangle
 Marana

district 81 **UTM reference** 12.481694.3589918

STRUCTURAL INFORMATION

main span number 6main span type219appr. span number 0appr. span typedegree of skew 0guardrail type0

structure length 64.0 **substructure** concrete abutments, wingwalls and piers

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

structure width 0.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1963 designer/engineer Arizona Highway Department

 project number
 I-10-4(27)
 builder/contractor
 Martin Construction Company, Tucson AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) 1979 **alterations** two culverts extended to form single structure;

guardrail installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 02 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign

420 South County Road 23E Loveland, Colorado 80537

Culvert

PROPERTY IDENTIFICATION

county Pima inventory number 06056

238.26 milepost inventory route I 10; Frontage Road

location 22.1 mi North Jct I 19 feature intersected Wash city/vicinity Marana **USGS** quadrangle Marana

district **UTM** reference 12.482030.3589706

STRUCTURAL INFORMATION

main span number 6 main span type 219

appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

structure length 64.0 substructure concrete abutments, wingwalls and piers

32.1 floor/decking roadway width asphalt roadway

33.6 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1931 Arizona Highway Department FAP 94-E project number builder/contractor Stanley Jaicks Company, Tucson AZ information source ADOT bridge records structure owner

Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 24 NRHP eligibility non-eligible

> NRHP criteria В C

signif. statement typically configured example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pima inventory number 05540

238.26 milepost inventory route I 10; EB & WB

location 22.1 mi North Jct I 19 feature intersected Wash city/vicinity Marana **USGS** quadrangle Marana

district **UTM** reference 12.481980.3589680

STRUCTURAL INFORMATION

main span number 4 main span type 219

appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

structure length 43.0 substructure concrete abutments, wingwalls and piers

0.0 roadway width floor/decking asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1951 Arizona Highway Department

I-10-4(27) project number builder/contractor Martin Construction Company, Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations 1979 two culverts extended to form single structure

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pima inventory number 06057

241.80 milepost inventory route I 10; Frontage Rd

location 18.6 mi North Jct I 19 feature intersected Wash city/vicinity Rillito **USGS** quadrangle Marana

district 81 **UTM** reference 12.485880.3586404

STRUCTURAL INFORMATION

main span number 4 main span type 219

appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

structure length 43.0 substructure concrete abutments, wingwalls and piers

32.0 floor/decking roadway width asphalt roadway

33.5 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1930 Arizona Highway Department FAP 94-E project number builder/contractor Stanley Jaicks Company, Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alterations

alteration date(s)

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score NRHP eligibility non-eligible

> NRHP criteria В C

signif. statement typically configured example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pima inventory number 05542 242.35 milepost inventory route I 10; WFR location 18.0 mi North Jct I 19 feature intersected Wash city/vicinity Rillito **USGS** quadrangle Marana

district 81 **UTM reference** 12.486567.3585705

STRUCTURAL INFORMATION

main span length10.0superstructureconcrete box culvertstructure length21.0substructureconcrete abutments, wingwalls and pier

roadway width 32.0 floor/decking asphalt roadway

structure width 33.6 other features none

HISTORICAL INFORMATION

construction date1931designer/engineerArizona Highway Departmentproject numberFAP 94-Ebuilder/contractorStanley Jaicks Company, Tucson AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 20 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typically configured example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pima inventory number 05544 243.96 milepost inventory route I 10; WB location 16.4 mi North Jct I 19 feature intersected Wash

city/vicinity Rillito **USGS** quadrangle Ruelas Canyon district 81 **UTM** reference 12.488780.3583720

STRUCTURAL INFORMATION

main span number 6 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete box culvert 10.0 superstructure main span length

structure length 74.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

steel Thrie beam guardrails 0.0 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1953 Arizona Highway Department

FI-94(16) project number builder/contractor Martin Construction Company, Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation alterations

alteration date(s) 1979 ca1990 barrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pima inventory number 06059

243.96 milepost inventory route East Frontage Road

location 16.4 mi North Jct I 19 feature intersected Wash

city/vicinity Rillito **USGS** quadrangle Ruelas Canyon district 81 **UTM** reference 12.488802.3583732

STRUCTURAL INFORMATION

main span number 6 main span type 219 appr. span number 0 appr. span type

0 degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

structure length 65.0 substructure concrete abutments, wingwalls and piers

32.0 floor/decking roadway width asphalt roadway

33.6 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1930 Arizona Highway Department FAP 94-E project number builder/contractor Stanley Jaicks Company, Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

inventory score 24 NRHP eligibility non-eligible

> NRHP criteria В C

signif. statement typically configured example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pima inventory number 06061

milepost 245.10 inventory route East Frontage Road

location 15.3 mi North Jct I 19 feature intersected Wash

city/vicinityRillitoUSGS quadrangleRuelas Canyondistrict81UTM reference12.489857.3582130

STRUCTURAL INFORMATION

 $\begin{array}{ccc} \text{main span number} & 3 & & \text{main span type} & & 219 \end{array}$

appr. span number $\ 0$ appr. span type degree of skew $\ 0$ guardrail type $\ 0$

 $\begin{tabular}{lll} \textbf{main span length} & 8.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 26.0 substructure concrete abutments, wingwalls and piers

roadway width 32.0 floor/decking asphalt roadway

structure width 33.6 other features none

HISTORICAL INFORMATION

 construction date
 1930
 designer/engineer
 Arizona Highway Department

 project number
 FAP 94-F
 builder/contractor
 Packard & Tanner, Phoenix AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 25 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typically configured example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pima inventory number 06040

milepost 247.63 inventory route East Frontage Road

district 81 **UTM reference** 12.492726.3578987

STRUCTURAL INFORMATION

 $\begin{array}{ccc} \text{main span number} & 3 & & \text{main span type} & & 219 \end{array}$

appr. span number $\ 0$ appr. span type degree of skew $\ 0$ guardrail type $\ 0$

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 32.0 substructure concrete abutments, wingwalls and piers

roadway width 32.0 floor/decking asphalt roadway

structure width 33.6 other features none

HISTORICAL INFORMATION

 construction date
 1930
 designer/engineer
 Arizona Highway Department

 project number
 FAP 94-F
 builder/contractor
 Packard & Tanner, Phoenix AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 25 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typically configured example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pima inventory number 05545 247.63 milepost inventory route I 10 & WFR location 12.8 mi North Jct I 19 feature intersected Wash city/vicinity Cortero **USGS** quadrangle Jaynes

district 81 **UTM** reference 12.492683.3578950

STRUCTURAL INFORMATION

main span number 3 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

structure length 32.0 substructure concrete abutments, wingwalls and piers

floor/decking roadway width 0.0 asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

project number

construction date designer/engineer 1953 Arizona Highway Department I-10-4(34) builder/contractor

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1979 barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pima inventory number 06062

248.01 milepost inventory route East Frontage Road

location 12.4 mi North Jct I 19 feature intersected city/vicinity Kino **USGS** quadrangle Jaynes

district 81 **UTM** reference 12.493073.3578457

STRUCTURAL INFORMATION

main span number 4 main span type 219

appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete box culvert main span length 8.0 superstructure

structure length 34.0 substructure concrete abutments, wingwalls and piers

floor/decking roadway width 32.0 asphalt roadway

33.6 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1930 Arizona Highway Department FAP 94-F project number builder/contractor Packard & Tanner, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score NRHP eligibility non-eligible

> NRHP criteria C

signif. statement typically configured example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pima inventory number 05547

milepost 248.01 inventory route I 10; W Frontage Road

district 81 **UTM reference** 12.493154.3578527

STRUCTURAL INFORMATION

main span number 3 main span type 219

 $\begin{array}{lll} \mbox{appr. span number} & 0 & \mbox{appr. span type} \\ \mbox{degree of skew} & 0 & \mbox{guardrail type} & 0 \end{array}$

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 32.0 **substructure** concrete abutments, wingwalls and piers

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date 1953 designer/engineer Arizona Highway Department

project number I-10-4(34) builder/contractor

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1979 alterations barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pima inventory number 05549

248.63 milepost inventory route I 10; E & W Frontage Road

location 11.8 mi North Jct I 19 feature intersected city/vicinity Kino **USGS** quadrangle Jaynes

district 81 **UTM** reference 12.493588.3577974

STRUCTURAL INFORMATION

main span number 3 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

structure length 32.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1953 Arizona Highway Department

FI-94(16) project number builder/contractor Martin Construction Company, Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1990 alterations 1953 1965 two culverts extended to form single structure;

guardrail installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

inventory score 03 NRHP eligibility non-eligible **NRHP** criteria C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

Canada Del Oro Wash Bridge

PROPERTY IDENTIFICATION

 $\begin{array}{cccc} \textbf{county} & Pima & \textbf{inventory number} & 00390 \\ \textbf{milepost} & 249.49 & \textbf{inventory route} & I~10; WB \\ \end{array}$

location 10.9 mi North Jct I 19 feature intersected Canada Del Oro Wash

city/vicinity Kino USGS quadrangle Jaynes

district 81 **UTM reference** 12.494628.3576848

STRUCTURAL INFORMATION

main span number 11 main span type 201 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete slab 32.0 superstructure main span length structure length 343.0 substructure concrete abutments, wingwalls and piers roadway width 58.0 floor/decking concrete deck with asphalt overlay

other features

HISTORICAL INFORMATION

structure width

61.2

construction date designer/engineer 1953 Arizona Highway Department FI-94(16) project number builder/contractor Martin Construction Company, Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 2001 alterations 1980 1996 roadway widened twice; guardrails replaced; repairs

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

concrete guardrails with aluminum tubes

inventory score 23 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typically configured, multiple-span example of common

structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Rillito Creek Bridge

PROPERTY IDENTIFICATION

county Pima inventory number 00391 250.66 milepost inventory route I 10; EB location 9.7 mi North Jct I 19 feature intersected Rillito Creek city/vicinity Tucson **USGS** quadrangle Jaynes

district 81 **UTM reference** 12.495580.3575397

STRUCTURAL INFORMATION

main span number 11 main span type 201 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete slab 32.0 superstructure main span length structure length 343.0 substructure concrete abutments, wingwalls and piers roadway width 58.0 floor/decking concrete deck with asphalt overlay concrete guardrails with aluminum tubes 61.2 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1953 Arizona Highway Department FI-94(16) project number builder/contractor Martin Construction Company, Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1980 2001 alterations 1996 roadway widened twice; guardrails replaced; repairs

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 23 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typically configured, multiple-span example of common

structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Grant Road Overpass

PROPERTY IDENTIFICATION

county Pima inventory number 01070 256.22 milepost inventory route I 10 location 4.2 mi North Jct I 19 feature intersected Grant Road city/vicinity Tucson **USGS** quadrangle Tucson North district 81 **UTM** reference 12.500603.3568192

STRUCTURAL INFORMATION

main span number 2 main span type 402 appr. span number 0 appr. span type 9 degree of skew guardrail type 61.0 superstructure steel I-beam stringer main span length structure length 125.0 substructure concrete abutments, wingwalls and pier roadway width 108.0 floor/decking concrete deck with asphalt overlay concrete Jersey barrier guardrails with Thrie beams 113.0 structure width other features at approaches

HISTORICAL INFORMATION

construction date designer/engineer 1963 Arizona Highway Department project number I-10-4(12) builder/contractor Martin Construction Company, Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1996 alterations 1982 1985 median closed; guardrails replaced; repairs

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

Inventory score 13

NRHP eligibility non-eligible

NRHP criteria A ______ B ____ C ____

signif. statement typical, relatively late example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Speedway Boulevard Overpass

PROPERTY IDENTIFICATION

county Pima inventory number 00557 257.28 milepost inventory route I 10

location 3.1 mi N of Jct I 19 feature intersected Speedway Boulevard

city/vicinity Tucson **USGS** quadrangle Tucson

district **UTM** reference 12.501460.3566585

STRUCTURAL INFORMATION

main span number 2 main span type 201 appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete slab superstructure main span length 41.0

structure length 84.0 substructure concrete abutments, wingwalls and spill-through

108.0 concrete deck with asphalt overlay roadway width floor/decking

structure width 113.5 other features concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date 1959 designer/engineer Arizona Highway Department

project number I-002-3(7)I builder/contractor San Xavier Rock & Sand Company, Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1982 1985 alterations median closed; guardrails replaced; repairs

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score NRHP eligibility non-eligible

> **NRHP** criteria C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign

420 South County Road 23E Loveland, Colorado 80537

St Marys Road Overpass

PROPERTY IDENTIFICATION

countyPimainventory number00559milepost257.75inventory routeI 10

district 81 **UTM reference** 12.501613.3565854

STRUCTURAL INFORMATION

main span number2main span type505appr. span number0appr. span typedegree of skew17guardrail type9main span length52.0superstructureprestressed concrete deck girder

structure length 106.0 substructure concrete abutments, wingwalls and spill-through

pie

roadway width 108.0 floor/decking concrete deck with asphalt overlay

structure width 113.5 **other features** concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date1959designer/engineerArizona Highway Departmentproject numberI-002-3(7)Ibuilder/contractorSan Xavier Rock & Sand Company, Tucson AZ

information source ADOT bridge records structure owner alteration date(s) 1982 1985 alterations median closed; guardrails replaced; repairs

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 11 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

Culvert

PROPERTY IDENTIFICATION

county Pima inventory number 05551

 $\begin{array}{ccc} \textbf{milepost} & 257.89 & \textbf{inventory route} & \text{I } 10; EB \& WB \\ \end{array}$

district 81 **UTM reference** 12.501770.3565178

STRUCTURAL INFORMATION

 $\begin{array}{ccc} \text{main span number} & 3 & & \text{main span type} & & 219 \end{array}$

 $\begin{array}{lll} \mbox{appr. span number} & 0 & \mbox{appr. span type} \\ \mbox{degree of skew} & 0 & \mbox{guardrail type} & 0 \end{array}$

 main span length
 12.0
 superstructure
 concrete box culvert

structure length 38.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

 $\begin{array}{ccc} \textbf{structure width} & 0.0 & \textbf{other features} & \text{steel Thrie beam guardrails} \\ \end{array}$

HISTORICAL INFORMATION

construction date 1950 designer/engineer Arizona Highway Department

project number UI-141(2) builder/contractor

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1960 1982 alterations barrels extended; guardrails installed; outlet walls

built

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign

420 South County Road 23E Loveland, Colorado 80537

Congress Street Overpass

PROPERTY IDENTIFICATION

countyPimainventory number00577milepost258.40inventory routeI 10

district 81 **UTM reference** 12.501820.3564934

STRUCTURAL INFORMATION

structure length 114.0 substructure concrete abutments, wingwalls and spill-through

pier

roadway width 107.9 floor/decking concrete deck with asphalt overlay structure width 112.9 other features concrete Jersey barrier guardrails

HISTORICAL INFORMATION

construction date1960designer/engineerArizona Highway Departmentproject numberI-002-3(7)IIbuilder/contractorSan Xavier Rock & Sand Company, Tucson AZ

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1982 1985 alterations two bridges extended to form single str

two bridges extended to form single structure; guardrails and approach slab installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 11 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Granada Avenue Overpass

PROPERTY	IDENTIFICATION	

county Pima inventory number 00661 258.65 milepost inventory route

location 1.7 mi N Jct I 19 feature intersected Granada Avenue

city/vicinity Tucson **USGS** quadrangle Tucson

district 81 **UTM** reference 12.501852.3564501

STRUCTURAL INFORMATION

main span number 2 main span type 502 appr. span number 0 appr. span type 9 degree of skew 15 guardrail type 42.0 superstructure main span length

prestressed concrete deck girder structure length 88.0 substructure concrete abutments, wingwalls and spill-through

108.0 concrete deck with asphalt overlay roadway width floor/decking structure width 113.0 other features concrete Jersey barrier guardrails

HISTORICAL INFORMATION

construction date 1961 designer/engineer Karan Engineering Company

project number I-10-4(20) builder/contractor San Xavier Rock & Sand Company, Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1982 1985 1996 alterations

two bridges extended to form single structure;

guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

inventory score 08 NRHP eligibility non-eligible

> **NRHP** criteria В C

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

Culvert

PROPERTY IDENTIFICATION

county Pima inventory number 05552

 $\begin{array}{ccc} \textbf{milepost} & 258.93 & \textbf{inventory route} & \text{I } 10; EB \& WB \\ \end{array}$

district 81 **UTM reference** 12.501852.3564063

STRUCTURAL INFORMATION

main span number 3 main span type 219

 $\begin{array}{lll} \text{appr. span number} & 0 & \text{appr. span type} \\ \text{degree of skew} & 30 & \text{guardrail type} & 6 \end{array}$

main span length 10.0 superstructure concrete box culvert

structure length37.0substructureconcrete abutments, wingwalls and piersroadway width0.0floor/deckingconcrete deck with asphalt overlaystructure width0.0other featuressteel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1951 designer/engineer Arizona Highway Department

project number I-10-4(20) builder/contractor San Xavier Rock & Sand Company, Tucson AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1961 **alterations** two culverts extended to form single structure;

guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 03 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

22nd Street Overpass

PROPERTY IDENTIFICATION

county Pima inventory number 00663 259.35 milepost inventory route I 10 location 1.0 mi N Jct I 19 feature intersected 22nd Street city/vicinity Tucson **USGS** quadrangle Tucson

district 81 **UTM reference** 12.501863.3563354

STRUCTURAL INFORMATION

main span number 2 main span type 502 appr. span number 0 appr. span type degree of skew guardrail type 50.0 superstructure prestressed concrete deck girder main span length structure length 104.0 substructure concrete abutments, wingwalls and pier roadway width 108.0 floor/decking concrete deck with asphalt overlay 113.0 concrete Jersey barrier guardrails structure width other features

HISTORICAL INFORMATION

designer/engineer construction date 1961 Karan Engineering Company project number I-10-4(20) builder/contractor San Xavier Rock & Sand Company, Tucson AZ structure owner information source ADOT bridge records Arizona Department of Transportation alteration date(s) 1989 alterations 1982 1985 two bridges extended to form single structure; guardrails and approach slab installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 11 NRHP eligibility non-eligible

NRHP criteria A ____ B ___ C ___

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

29th Street Overpass

PROPERTY IDENTIFICATION

county Pima inventory number 00776 259.84 milepost inventory route I 10 location 0.6 mi N Jct I 19 feature intersected 29th Street city/vicinity Tucson **USGS** quadrangle Tucson

district 81 **UTM reference** 12.501928.3562564

STRUCTURAL INFORMATION

main span number 2 main span type 502 appr. span number 0 appr. span type degree of skew 19 guardrail type 53.0 superstructure prestressed concrete deck girder main span length structure length 111.0 substructure concrete abutments, wingwalls and pier roadway width 116.3 floor/decking concrete deck with asphalt overlay concrete Jersey barrier guardrails 121.3 structure width other features

HISTORICAL INFORMATION

designer/engineer construction date 1963 Arizona Highway Department project number I-10-4(22) builder/contractor Ashton Building Company Inc., Tucson AZ structure owner information source ADOT bridge records Arizona Department of Transportation alteration date(s) 1996 alterations 1981 1985 two bridges extended to form single structure; guardrails and approach slab installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 11 NRHP eligibility non-eligible

NRHP criteria A ____ B ___ C ___

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pima inventory number 05554

 $\begin{array}{ccc} \text{milepost} & 260.00 & \text{inventory route} & \text{I 10; EB \& WB} \\ \end{array}$

district 81 **UTM reference** 12.502026.3562288

STRUCTURAL INFORMATION

main span number 2 main span type 219

appr. span number $\ 0$ appr. span type degree of skew $\ 45$ guardrail type $\ 0$

 $\begin{tabular}{lll} \textbf{main span length} & 8.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 24.0 substructure concrete abutments, wingwalls and pier

 $\begin{tabular}{lll} {\bf roadway \ width} & 0.0 & {\bf floor/decking} & {\bf asphalt \ roadway} \end{tabular}$

 $\begin{array}{ccc} \textbf{structure width} & 0.0 & \textbf{other features} & \text{steel Thrie beam guardrails} \\ \end{array}$

HISTORICAL INFORMATION

construction date 1952 designer/engineer Arizona Highway Department

project number UI-141(3) builder/contractor San Xavier Rock & Sand Company, Tucson AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 12 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Ramp B Underpass

PROPERTY IDENTIFICATION

county Pima inventory number 00777

district 81 **UTM** reference 12.502205.3561790

STRUCTURAL INFORMATION

 $\begin{array}{lll} \mbox{main span number} & 4 & \mbox{main span type} & 204 \\ \mbox{appr. span number} & 0 & \mbox{appr. span type} & \end{array}$

degree of skew45guardrail type9main span length86.0superstructureconcrete deck girder

structure length308.0substructureconcrete abutments and spill-through piersroadway width20.0floor/deckingconcrete deck with asphalt overlaystructure width25.5other featuresconcrete guardrails with aluminum tubes

HISTORICAL INFORMATION

construction date1963designer/engineerF.M. Limbaugh; Karan Engin. Co.project numberI-10-4(22)builder/contractorAshton Building Company Inc., Tucson AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1982 alterations median barrier added below

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 20 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Ramp A Underpass

county Pima inventory number 00778

district 81 **UTM reference** 12.502200.3561822

STRUCTURAL INFORMATION

main span length 81.0 superstructure concrete deck girder

structure length297.0substructureconcrete abutments and spill-through piersroadway width38.0floor/deckingconcrete deck with asphalt overlaystructure width43.0other featuresconcrete guardrails with aluminum tubes

HISTORICAL INFORMATION

construction date1963designer/engineerF.M. Limbaugh; Karan Engin. Co.project numberI-10-4(22)builder/contractorAshton Building Company Inc., Tucson AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) 1982 alterations median barrier added below

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 15 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Bridge

PROPERTY IDENTIFICATION

location 7.3 mi E Jct I 19 feature intersected Earp Wash tributary

city/vicinity Tucson USGS quadrangle Tucson

district 81 **UTM reference** 12.511227.3554686

STRUCTURAL INFORMATION

main span length 25.0 superstructure concrete slab

structure length 94.0 substructure concrete abutments, wingwalls and piers roadway width 48.8 floor/decking concrete deck with asphalt overlay

structure width 51.9 **other features** concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

 construction date
 1958
 designer/engineer
 Arizona Highway Department

 project number
 I-002-4(5)
 builder/contractor
 San Xavier Rock & Sand Common San Xavier Rock & San Xavier

project number I-002-4(5) builder/contractor San Xavier Rock & Sand Company, Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1986 alterations deck widened and guardrails replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 08 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Bridge

PROPERTY	DENTIFICATION

county Pima inventory number 01052

267.65 milepost inventory route WB Frontage Road location 7.3 mi E Jct I 19 feature intersected Earp Wash tributary

city/vicinity Tucson **USGS** quadrangle Tucson

district **UTM** reference 12.511276.3554708

STRUCTURAL INFORMATION

main span number 4 main span type 201 appr. span number 0 appr. span type 0

degree of skew guardrail type concrete slab 25.0 superstructure main span length

structure length 94.0 substructure concrete abutments, wingwalls and piers roadway width 26.6 floor/decking concrete deck with asphalt overlay

concrete Jersey barrier guardrails with Thrie beams 28.9 structure width other features

at approaches

HISTORICAL INFORMATION

construction date designer/engineer 1959 Arizona Highway Department

I-10-5(12) project number builder/contractor M.M. Sundt Construction Company, Tucson AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations ca1985 guardrails replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible

inventory score 05

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Bridge

PROPERTY IDENTIFICATION

 $\begin{array}{cccc} \textbf{county} & \text{Pima} & \textbf{inventory number} & 01045 \\ \textbf{milepost} & 267.65 & \textbf{inventory route} & \text{I 10; WB} \\ \end{array}$

location 7.3 mi E Jct I 19 feature intersected Earp Wash tributary

city/vicinity Tucson USGS quadrangle Tucson

district 81 **UTM reference** 12.511280.3554703

STRUCTURAL INFORMATION

structure length 94.0 substructure concrete abutments, wingwalls and piers

roadway width 48.8 floor/decking concrete deck with asphalt overlay

structure width 51.9 **other features** concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date 1958 designer/engineer Arizona Highway Department

project number I-002-4(5) builder/contractor San Xavier Rock & Sand Company, Tucson AZ

information sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1986alterationsdeck widened and guardrails replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 10 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Craycroft Overpass

PROPERTY	IDENTIFICATION	

county Pima inventory number 00594 268.08 milepost inventory route I 10; EB location 7.7 mi E Jct I 19 feature intersected Craycroft Road

city/vicinity Tucson **USGS** quadrangle Tucson

district **UTM** reference 12.511720.3554308

STRUCTURAL INFORMATION

main span number 4 main span type 502 appr. span number 0 appr. span type 9 degree of skew guardrail type prestressed concrete deck girder main span length 51.0 superstructure

structure length 177.0 substructure concrete abutments, wingwalls and spill-through

38.2 concrete deck with asphalt overlay roadway width floor/decking

structure width 43.8 other features concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date 1959 designer/engineer Pacheco & Lynch

project number I-10-5(12) builder/contractor M.M. Sundt Construction Company, Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1979 alterations guardrails replaced with Jersey barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score NRHP eligibility non-eligible

> **NRHP** criteria C

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Craycroft Overpass

PROPERTY	IDENTIFICATION	

city/vicinity Tucson USGS quadrangle Tucson

district 81 **UTM reference** 12.511726.3554346

STRUCTURAL INFORMATION

main span number 4 main span type 502
appr. span number 0 appr. span type
degree of skew 36 guardrail type 9

main span length 51.0 superstructure prestressed concrete deck girder

structure length 177.0 **substructure** concrete abutments, wingwalls and spill-through

piers

roadway width 38.2 floor/decking concrete deck with asphalt overlay

structure width 43.5 other features concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date 1959 designer/engineer Pacheco & Lynch

project number I-10-5(12) builder/contractor M.M. Sundt Construction Company, Tucson AZ

information sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1979alterationsguardrails replaced with Jersey barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 14 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

Wilmot Overpass

IDENTIFICATION	

county Pima inventory number 00596 269.36 milepost inventory route I 10; EB location 9.0 mi E Jct I 19 feature intersected Wilmot Road city/vicinity Tucson **USGS** quadrangle Tucson SE

district 81 **UTM reference** 12.513338.3553163

STRUCTURAL INFORMATION

main span number 4 main span type 502 appr. span number 0 appr. span type 9 degree of skew guardrail type prestressed concrete deck girder main span length 51.0 superstructure structure length 177.0 substructure concrete abutments, wingwalls and spill-through 38.0 concrete deck with asphalt overlay roadway width floor/decking

structure width 43.2 other features concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date1959designer/engineerPacheco & Lynchproject numberI-10-5(12)builder/contractorM.M. Sundt Construction Company, Tucson AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1979alterationsguardrails replaced with Jersey barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 14 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537 May 2009

lay 2009

Wilmot Overpass

PROPERTY IDENTIFICATION

county Pima inventory number 00597 269.36 milepost inventory route I 10; WB location 9.0 mi E Jct I 19 feature intersected Wilmot Road city/vicinity Tucson **USGS** quadrangle Tucson SE

district 81 **UTM reference** 12.513344.3553152

STRUCTURAL INFORMATION

main span number4main span type502appr. span number0appr. span typedegree of skew36guardrail type9main span length51.0superstructureprestressed concrete deck girder

structure length 177.0 **substructure** concrete abutments, wingwalls and spill-through

piers

roadway width 38.0 floor/decking concrete deck with asphalt overlay

structure width 43.5 other features concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date 1959 designer/engineer Pacheco & Lynch

project number I-10-5(12) builder/contractor M.M. Sundt Construction Company, Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1979 alterations guardrails replaced with Jersey barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 14 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Rita Road Underpass

PROPERTY IDENTIFICATION

county Pima inventory number 00711 273.14 milepost inventory route Rita Road location 12.8 mi E Jct I 19 feature intersected Interstate 10 city/vicinity Vail **USGS** quadrangle Tucson SE district

81 **UTM** reference 12.518262.3549517

STRUCTURAL INFORMATION

main span number 4 main span type 402 appr. span number 0 appr. span type 9 degree of skew guardrail type 69.0 superstructure steel I-beam stringer main span length

234.0 structure length substructure concrete abutments and piers roadway width 29.8 floor/decking concrete deck with asphalt overlay

concrete Jersey barrier guardrails with Thrie beams 35.2 structure width other features

at approaches

HISTORICAL INFORMATION

construction date designer/engineer 1962 Arizona Highway Department

I-10-5(20) project number builder/contractor San Xavier Rock & Sand Company, Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations ca1990 guardrails replaced with Jersey barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Houghton Road Underpass

PROPERTY	IDENTIFICATION	

county Pima inventory number 00713

milepost275.49inventory routeHoughton Roadlocation15.1 mi E Jct I 19feature intersectedInterstate 10city/vicinityVailUSGS quadrangleTucson SE

district 81 **UTM reference** 12.521304.3547282

STRUCTURAL INFORMATION

main span number 4 main span type 402

appr. span number 0 appr. span type degree of skew 0 guardrail type 9

main span length69.0superstructuresteel I-beam stringerstructure length234.0substructureconcrete abutments and piersroadway width29.8floor/deckingconcrete deck with asphalt overlay

structure width 35.2 other features concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date 1962 designer/engineer Arizona Highway Department

project number I-10-5(20) builder/contractor San Xavier Rock & Sand Company, Tucson AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) ca1990 alterations guardrails replaced with Jersey barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 15 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

Wash Bridge

PROPERTY IDENTIFICATION

county Pima inventory number 00463 277.46 milepost inventory route I 10; EB location 4.2 mi West Jct SR 83 feature intersected Wash city/vicinity Vail **USGS** quadrangle Vail

district 81 **UTM** reference 12.523821.3545442

STRUCTURAL INFORMATION

main span number 4 main span type 201 appr. span number 0 appr. span type 8 degree of skew guardrail type concrete slab 25.0 superstructure main span length structure length 94.0 substructure concrete abutments, wingwalls and piers roadway width 36.0 floor/decking concrete deck with asphalt overlay blind balustrade solid concrete guardrails lined 41.2 structure width other features

with Thrie beams

HISTORICAL INFORMATION

construction date designer/engineer 1956 Arizona Highway Department I-002-4(2) project number builder/contractor Fisher Contracting Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alterations

alteration date(s) 1980

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

Thrie beams added to original guardrails

National Register Multiple Property Documentation Form

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Wash Bridge

PROPERTY IDENTIFICATION

county Pima inventory number 00689 277.90 milepost inventory route I 10; WB location 3.8 mi West Jct SR 83 feature intersected Wash

city/vicinity Vail **USGS** quadrangle Vail

district 81 **UTM** reference 12.524565.3545136

STRUCTURAL INFORMATION

main span number 4 main span type 201 appr. span number 0 appr. span type 8 degree of skew guardrail type concrete slab 25.0 superstructure main span length

structure length 94.0 substructure concrete abutments, wingwalls and piers roadway width 37.8 floor/decking concrete deck with asphalt overlay

solid concrete guardrails with aluminum tubes and 43.2 structure width other features

Thrie beams

HISTORICAL INFORMATION

construction date designer/engineer 1962 Arizona Highway Department I-10-5(20)

project number builder/contractor San Xavier Rock & Sand Company, Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1979 1988

alterations Thrie beams added to original guardrails;

concrete deck replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score NRHP eligibility non-eligible

> **NRHP** criteria C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

Wash Bridge

PROPERTY IDENTIFICATION

county Pima inventory number 01020

277.90 milepost inventory route I 10; Frontage Rd

location 3.8 mi West Jct SR 83 feature intersected Wash city/vicinity Vail **USGS** quadrangle Vail

district 81 **UTM** reference 12.524462.3544957

STRUCTURAL INFORMATION

main span number 3 main span type 101

appr. span number 0 appr. span type degree of skew 45 guardrail type

22.0 concrete slab superstructure main span length

structure length 66.0 substructure concrete abutments, wingwalls and piers floor/decking roadway width 24.0 concrete deck with asphalt overlay concrete slotted guardrails 26.7 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1928 Arizona Highway Department FAP 90-A project number builder/contractor Veater & Davis, El Paso TX

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 44 NRHP eligibility eligible

NRHP criteria

signif. statement well-preserved example of early ASHD standard bridge

design; on major route

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pima inventory number 06515

279.10 milepost inventory route I 10; Frontage Rd

location 2.6 mi West Jct SR 83 feature intersected Wash city/vicinity Vail **USGS** quadrangle Vail

district 81 **UTM** reference 12.526103.3543954

STRUCTURAL INFORMATION

main span number 2 main span type 219

appr. span number 0 appr. span type 0 degree of skew guardrail type

main span length concrete box culvert 10.0 superstructure

21.0 structure length substructure concrete abutments, wingwalls and pier

0.0 floor/decking roadway width asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1928 Arizona Highway Department FAP 90-A builder/contractor project number Veater & Davis, El Paso TX

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 24 NRHP eligibility non-eligible

> NRHP criteria В C

signif. statement typically configured example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Vail Underpass

PROPERTY IDENTIFICATION

county Pima inventory number 00745 279.37 milepost inventory route Vail Road location 2.3 mi West Jct SR 83 feature intersected Interstate 10

city/vicinity Vail **USGS** quadrangle Vail

district 81 **UTM** reference 12.526360.3543468

STRUCTURAL INFORMATION

main span number 3 main span type 402 appr. span number 0 appr. span type degree of skew guardrail type

59.0 superstructure steel I-beam stringer main span length structure length 160.0 substructure concrete abutments and piers

roadway width 30.0 floor/decking concrete deck

concrete Jersey barrier guardrails with Thrie beams 35.2 structure width other features

at approaches

HISTORICAL INFORMATION

construction date designer/engineer 1962 Arizona Highway Department

I-10-5(20) project number builder/contractor San Xavier Rock & Sand Company, Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1995 guardrails replaced with Jersey barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible

inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Vail Underpass

PROPERTY IDENTIFICATION

countyPimainventory number00744milepost279.37inventory routeVail Roadlocation2.3 mi West Jct SR 83feature intersectedInterstate 10

city/vicinity Vail USGS quadrangle Vail

district 81 **UTM reference** 12.526392.3543615

STRUCTURAL INFORMATION

main span length59.0superstructuresteel I-beam stringerstructure length160.0substructureconcrete abutments and piers

roadway width 30.0 floor/decking concrete deck

structure width 35.2 **other features** concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date 1962 designer/engineer Arizona Highway Department

project number I-10-5(20) builder/contractor San Xavier Rock & Sand Company, Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation

information sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1995alterationsguardrails replaced with Jersey barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 12 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Mountain View Underpass

PROPERTY IDENTIFICATION

county Pima inventory number 01053

milepost 281.68 inventory route SR 83; Mountain View Road

location Jct I10 & SR 83 feature intersected Interstate 10

city/vicinity Vail USGS quadrangle Vail

district 81 **UTM reference** 12.529264.3541224

STRUCTURAL INFORMATION

 $\begin{array}{ccc} \text{main span number} & 4 & & \text{main span type} & 403 \end{array}$

appr. span number $\ 0$ appr. span type degree of skew $\ 45$ guardrail type $\ 1$

main span length 112.0 superstructure welded steel deck girder

structure length330.0substructureconcrete abutments and spill-through piersroadway width30.0floor/deckingconcrete deck

structure width 35.0 other features variable depth girders; steel beam guardrails

HISTORICAL INFORMATION

construction date 1961 designer/engineer Arizona Highway Department

project number I-10-5(10) builder/contractor Martin Construction Company, Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 34 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement well-preserved example of welded steel construction

FORM COMPLETED BY

Clayton B. Fraser, Principal

Davidson Canyon Bridge

PROPERTY IDENTIFICATION

 $\begin{array}{cccc} \textbf{county} & \text{Pima} & \textbf{inventory number} & 00598 \\ \textbf{milepost} & 284.45 & \textbf{inventory route} & \text{I } 10; \text{WB} \\ \end{array}$

 location
 2.7 mi East Jct SR 83
 feature intersected
 Davidson Canyon

 city/vicinity
 Pantano
 USGS quadrangle
 Mount Fagan

 district
 81
 UTM reference
 12.533447.3540236

STRUCTURAL INFORMATION

main span length 120.0 superstructure steel I-beam stringer

structure length 315.0 substructure concrete abutments and spill-through piers roadway width 42.0 floor/decking concrete deck with asphalt overlay

structure width 45.4 other features concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date 1955 designer/engineer Arizona Highway Department

project number FI-18(17) builder/contractor San Xavier Rock & Sand Company, Tucson AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

 alteration date(s)
 1981
 alterations
 deck widened and guardrails replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 14 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement relatively late, long-span example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Blue Nob Canyon Culvert

PROPERTY IDENTIFICATION

 $\begin{array}{cccc} \textbf{county} & \text{Pima} & \textbf{inventory number} & 05557 \\ \textbf{milepost} & 285.24 & \textbf{inventory route} & \text{I } 10; \text{EB} \\ \end{array}$

STRUCTURAL INFORMATION

structure length21.0substructureconcrete abutments, wingwalls and pierroadway width0.0floor/deckingasphalt roadway

structure width 0.0 other features none

HISTORICAL INFORMATION

 construction date
 1955
 designer/engineer
 Arizona Highway Department

 project number
 FI-18(14)
 builder/contractor
 Wallace & Wallace, Phoenix AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

 alteration date(s)
 alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 08 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Blue Nob Canyon Culvert

PROPERTY IDENTIFICATION

county Pima inventory number 05558 285.24 milepost inventory route I 10; WB

location 18.1 mi E Jct SR B 10 feature intersected Blue Nob Canyon

city/vicinity Pantano **USGS** quadrangle

district **UTM** reference 12.534733.3540375

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete box culvert 10.0 superstructure main span length

21.0 structure length substructure concrete abutments, wingwalls and pier

0.0 floor/decking roadway width asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1961 Arizona Highway Department

I-10-5(10) project number builder/contractor Martin Construction Company, Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 08 NRHP eligibility non-eligible

> NRHP criteria C

signif. statement typical, relatively late example of common structural type,

FORM COMPLETED BY

Clayton B. Fraser, Principal

Deadman Canyon Culvert

PROPERTY IDENTIFICATION

county Pima inventory number 05559 286.51 milepost inventory route I 10

location 19.1 mi East Jct SR B 10 feature intersected Deadman Canyon city/vicinity Pantano **USGS** quadrangle The Narrows district **UTM** reference 12.535500.3540264

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

21.0 structure length substructure concrete abutments, wingwalls and pier 0.0 asphalt roadway

floor/decking roadway width

0.0 none structure width other features

HISTORICAL INFORMATION

project number

construction date designer/engineer 1955 Arizona Highway Department FI-18(15) builder/contractor

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1961 barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pima inventory number 05561 288.05 milepost inventory route I 10 location 21.0 mi E Jct SR B 10 feature intersected Wash city/vicinity Pantano **USGS** quadrangle The Narrows

district Pantano USGS quadrangle The Narrows

UTM reference 12.539060.3539162

STRUCTURAL INFORMATION

structure length 21.0 substructure concrete abutments, wingwalls and pier

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date 1955 designer/engineer Arizona Highway Department

project number FI-18(15) builder/contractor

information sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)19611985alterationsbarrels extended; railbank repaired

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Cienega Creek Bridge

PROPERTY IDENTIFICATION

county Pima inventory number 00599 289.20 milepost inventory route I 10; WB location 13.0 mi West of Jct SR 90 feature intersected Cienega Creek city/vicinity Pantano **USGS** quadrangle The Narrows district **UTM** reference 12.540900.3538930

STRUCTURAL INFORMATION

main span number 4 main span type 402 appr. span number 0 appr. span type 5 degree of skew guardrail type 74.0 superstructure steel I-beam stringer main span length structure length 273.0 substructure concrete abutments, wingwalls and pier roadway width 34.0 floor/decking concrete deck steel baluster guardrails 39.5 structure width other features

HISTORICAL INFORMATION

 construction date
 1961
 designer/engineer
 Hoffman-Miller Engineers, Phoenix AZ

 project number
 I-10-5(10)
 builder/contractor
 Martin Construction Company, Tucson AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

 alteration date(s)
 alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

Inventory score 25

NRHP eligibility non-eligible

NRHP criteria A B C Signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Cienega Creek Bridge

PROPERTY IDENTIFICATION

county Pima inventory number 00448 289.20 milepost inventory route I 10; EB location 13.2 mi West of Jct SR 90 feature intersected Cienega Creek city/vicinity Pantano **USGS** quadrangle The Narrows district **UTM** reference 12.540890.3538920

STRUCTURAL INFORMATION

main span number 4 main span type 402 appr. span number 0 appr. span type 5 degree of skew guardrail type 74.0 superstructure steel I-beam stringer main span length structure length 273.0 substructure concrete abutments, wingwalls and pier roadway width 34.0 floor/decking concrete deck 40.5 steel baluster guardrails structure width other features

HISTORICAL INFORMATION

construction date1955designer/engineerArizona Highway Departmentproject numberFI-18(17)builder/contractorSan Xavier Rock & Sand Company, Tucson AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1985alterationsdiaphragms and expansion joints repaired

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Pantano Railroad Underpass

PROPERTY IDENTIFICATION

county Pima inventory number 00446

milepost 289.35 inventory route Southern Pacific Railroad

 location
 13.0 mi West of Jct SR 90
 feature intersected
 Interstate 10

 city/vicinity
 Pantano
 USGS quadrangle
 The Narrows

 district
 84
 UTM reference
 12.541140.3538900

STRUCTURAL INFORMATION

main span number 4 main span type 303 appr. span number 0 appr. span type

degree of skew 34 guardrail type 5

main span length 50.0 superstructure steel plate deck girder

structure length 169.0 substructure concrete abutments, wingwalls and pier

roadway width0.0floor/deckingrailroad ballast deckstructure width0.0other featuressteel baluster guardrails

HISTORICAL INFORMATION

construction date 1955 designer/engineer Arizona Highway Department

project number FGI-18(18) builder/contractor San Xavier Rock & Sand Company, Tucson AZ

information source ADOT bridge records structure owner Union Pacific Railroad

alteration date(s) alterations

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NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 28 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Pantano Underpass

PROPERTY IDENTIFICATION

county Pima inventory number 00587 289.55 milepost inventory route Pantano Road location 12.9 mi West of Jct SR 90 feature intersected Interstate 10 Pantano **USGS** quadrangle The Narrows

city/vicinity district **UTM** reference 12.541292.3538875

STRUCTURAL INFORMATION

main span number 4 main span type 402 appr. span number 0 appr. span type 5 degree of skew guardrail type

55.0 superstructure steel I-beam stringer main span length structure length 201.0 substructure concrete abutments, wingwalls and piers

roadway width 28.0 floor/decking concrete deck

steel baluster guardrails 33.0 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1961 Hoffman-Miller Engineers, Phoenix AZ I-10-5(10) project number builder/contractor Martin Construction Company, Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alterations

alteration date(s)

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 23 NRHP eligibility non-eligible

NRHP criteria

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Amole Overpass

PROPERTY IDENTIFICATION

 $\begin{array}{cccc} \textbf{county} & \text{Pima} & \textbf{inventory number} & 00485 \\ \textbf{milepost} & 292.35 & \textbf{inventory route} & \text{I } 10; \text{EB} \\ \end{array}$

location 10.0 mi West of Jct SR 90 feature intersected Southern Pacific Railroad

city/vicinityPantanoUSGS quadrangleThe Narrowsdistrict84UTM reference12.545890.3538027

STRUCTURAL INFORMATION

main span length 45.0 superstructure steel I-beam stringer

structure length 124.0 substructure concrete abutments, wingwalls and piers

roadway width 42.0 floor/decking concrete deck

structure width 44.5 other features concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

 construction date
 1956
 designer/engineer
 Arizona Highway Department

 project number
 ING-18(20)
 builder/contractor
 Martin Construction Company, Tucson AZ

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1981 1998 alterations deck widened and guardrails replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 12 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

Amole Overpass

PROPERTY IDENTIFICATION

location 9.9 mi West of Jct SR 90 feature intersected Bell Road - Empirita Road

city/vicinityPantanoUSGS quadrangleThe Narrowsdistrict84UTM reference12.546107.3537936

STRUCTURAL INFORMATION

structure length 97.0 **substructure** concrete abutments with concrete column piers

roadway width 42.8 floor/decking concrete deck with asphalt overlay

structure width 48.3 other features concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

 construction date
 1963
 designer/engineer
 Arizona Highway Department

 project number
 I-10-5(22)
 builder/contractor
 Western Constructors Inc., Phoenix AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) 1981 1998 alterations deck widened and guardrails replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 12 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Speeden Wash Culvert

PROPERTY IDENTIFICATION

county Pima inventory number 05564 294.01 milepost inventory route I 10; WB location 27.0 mi E Jct SR B 10 feature intersected Speeden Wash city/vicinity Mescal **USGS** quadrangle Mescal

district 84 **UTM reference** 12.548607.3537510

STRUCTURAL INFORMATION

structure length 21.0 **substructure** concrete abutments, wingwalls and pier

roadway width 0.0 floor/decking asphalt roadway

 $\begin{array}{ccc} \textbf{structure width} & 0.0 & \textbf{other features} & \text{steel Thrie beam guardrails} \\ \end{array}$

HISTORICAL INFORMATION

construction date 1963 designer/engineer Arizona Highway Department

project numberI-10-5(22)builder/contractorWestern Constructors Inc., Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1981ca1990alterationsThrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Speeden Wash Culvert

PROPERTY IDENTIFICATION

county Pima inventory number 05563 294.01 milepost inventory route I 10; EB location 27.0 mi E Jct SR B 10 feature intersected Speeden Wash city/vicinity Mescal **USGS** quadrangle Mescal

district **UTM** reference 12.548565.3537282

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete box culvert 10.0 superstructure main span length

structure length 23.0 substructure concrete abutments, wingwalls and pier

roadway width 0.0 floor/decking asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

project number

construction date designer/engineer 1956 Arizona Highway Department IN-18(20)

information source ADOT bridge records structure owner Arizona Department of Transportation

builder/contractor

alteration date(s) alterations 1981 barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pima inventory number 05565 295.51 milepost inventory route I 10 location 28.4 mi E Jct SR B 10 feature intersected Wash city/vicinity Mescal **USGS** quadrangle Mescal

district **UTM** reference 12.550804.3536795

STRUCTURAL INFORMATION

main span number 3 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type 10.0

concrete box culvert superstructure main span length structure length 37.0 substructure concrete abutments, wingwalls and piers

floor/decking roadway width 0.0 asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

project number

construction date designer/engineer 1956 Arizona Highway Department IN-18(20) builder/contractor

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1963 1981 alterations barrels extended twice

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 06143

milepost 296.94 inventory route I 10; North Frontage Road

district 84 **UTM reference** 12.553082.3536492

STRUCTURAL INFORMATION

main span number 2 main span type 219

appr. span number $\ 0$ appr. span type degree of skew $\ 0$ guardrail type $\ 0$

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 21.0 **substructure** concrete abutments, wingwalls and pier

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1958 designer/engineer Arizona Highway Department

project number I-002-4(7) builder/contractor Royden Construction Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) ca1990 alterations Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 05566

milepost 296.94 inventory route I 10; EB & WB location 5.46 mi West Jct SR 90 feature intersected Wash

city/vicinity Mescal USGS quadrangle Mescal

district 84 **UTM reference** 12.553070.3536454

STRUCTURAL INFORMATION

 $\begin{array}{lll} \text{main span number} & 2 & \text{main span type} & 219 \\ \text{appr. span number} & 0 & \text{appr. span type} & \end{array}$

degree of skew 0 guardrail type 0

main span length 10.0 superstructure concrete box culvert structure length 21.0 substructure concrete abutments, wingwalls and pier

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1958 designer/engineer Arizona Highway Department

project numberI-002-4(7)builder/contractorRoyden Construction Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1975ca1990alterationsbarrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation For

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Mescal Underpass

PROPERTY IDENTIFICATION

county Cochise inventory number 00517 297.17 milepost inventory route Mescal Road location 5.2 mi W of SR 90 feature intersected Interstate 10 city/vicinity Mescal **USGS** quadrangle Mescal

district 84 **UTM reference** 12.553435.3536436

STRUCTURAL INFORMATION

main span length 55.0 superstructure steel I-beam stringer structure length 221.0 substructure concrete abutments with concrete column piers

roadway width 28.0 floor/decking concrete deck

structure width 33.0 other features steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1959 designer/engineer Arizona Highway Department

project numberI-002-4(7)builder/contractorRoyden Construction Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1995alterationsguardrails replaced with Jersey barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 14 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 05568

milepost 297.97 inventory route I 10; EB & WB

location4.43 mi West Jct SR 90feature intersectedWashcity/vicinityMescalUSGS quadrangleMescal

district 84 **UTM reference** 12.554722.3536474

STRUCTURAL INFORMATION

 $\begin{array}{ccc} \text{main span number} & 2 & & \text{main span type} & & 219 \end{array}$

appr. span number $\ 0$ appr. span type degree of skew $\ 0$ guardrail type $\ 0$

main span length 10.0 superstructure concrete box culvert

structure length 21.0 **substructure** concrete abutments, wingwalls and pier

roadway width 0.0 floor/decking asphalt roadway

 $\begin{array}{ccc} \text{structure width} & 0.0 & \text{other features} & \text{none} \end{array}$

HISTORICAL INFORMATION

construction date 1931 designer/engineer Arizona Highway Department

project number I-002-4(7) builder/contractor Royden Construction Company, Phoenix AZ information source ADOT bridge records alteration date(s) 1942 1958 1976 alterations Royden Construction Company, Phoenix AZ Arizona Department of Transportation two culverts extended to form single structure

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 10 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 05571 298.04 milepost inventory route I 10; WB location 4.36 mi West Jct SR 90 feature intersected Wash city/vicinity Mescal **USGS** quadrangle Mescal

district 84 **UTM** reference 12.554847.3536485

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete box culvert main span length 10.0 superstructure

21.0 structure length substructure concrete abutments, wingwalls and pier

0.0 roadway width floor/decking asphalt roadway

steel Thrie beam guardrails 0.0 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1931 Arizona Highway Department

SN-18-6(4) project number builder/contractor information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) ca1980 alterations 1942 1965 two culverts extended to form single structure;

guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

inventory score 04 NRHP eligibility non-eligible

> **NRHP** criteria C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 05570 298.04 milepost inventory route I 10; EB location 4.36 mi W of Jct SR 90 feature intersected Wash city/vicinity Mescal **USGS** quadrangle Mescal

district 84 **UTM reference** 12.554847.3536453

STRUCTURAL INFORMATION

structure length 24.0 substructure concrete abutments, wingwalls and pier

roadway width 43.0 floor/decking asphalt roadway

structure width 45.5 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1958 designer/engineer Arizona Highway Department

 project number
 I-002-4(7)
 builder/contractor
 Royden Construction Company, Phoenix AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) ca1990 alterations Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Cornfield Canyon Bridge

DDA	PFRTY	IDENI	$TI \cap NI$

county Cochise inventory number 00073 299.14 milepost inventory route I 10; WB

location 3.3 mi W of SR 90 feature intersected Cornfield Canyon

city/vicinity Mescal **USGS** quadrangle Mescal

district 84 **UTM** reference 12.556600.3536506

STRUCTURAL INFORMATION

main span number 4 main span type 101 appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete slab main span length 22.0 superstructure structure length 88.0 substructure concrete abutments, wingwalls and piers

roadway width 36.9 floor/decking concrete deck

concrete Jersey barrier guardrails with Thrie beams 40.0 structure width other features

at approaches

HISTORICAL INFORMATION

construction date designer/engineer 1931 Arizona Highway Department FAP 18-C project number builder/contractor N.G. Hill & Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations 1942 1976 deck widened; guardrails replaced with Jersey

barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

inventory score 22 non-eligible

NRHP eligibility **NRHP** criteria C

signif. statement typically configured example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

Cornfield Canyon Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 05572 299.14 milepost inventory route I 10; EB

location 3.26 mi W of Jct SR 90 feature intersected Cornfield Canyon

city/vicinity Mescal **USGS** quadrangle Mescal

district **UTM** reference 12.556606.3536484

STRUCTURAL INFORMATION

main span number 6 main span type 219 appr. span number 0 appr. span type 6 degree of skew guardrail type

concrete box culvert 10.0 superstructure main span length 64.0

structure length substructure concrete abutments, wingwalls and piers roadway width 42.8 floor/decking asphalt roadway

steel Thrie beam guardrails 45.6 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1958 Arizona Highway Department

I-002-4(7) project number builder/contractor Royden Construction Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations ca1980 Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score 02

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 05573

300.57 milepost inventory route I 10; EB & WB

location 33.5 mi E Jct SR B 10 feature intersected Wash city/vicinity Mescal **USGS** quadrangle Mescal

district 84 **UTM** reference 12.558904.3536513

STRUCTURAL INFORMATION

main span number 3 main span type 219

appr. span number 0 appr. span type 6 degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

structure length 32.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

steel Thrie beam guardrails 0.0 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1942 Arizona Highway Department

I-002-4(7) project number builder/contractor Royden Construction Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1976 alterations 1958 1965 two culverts extended to form single structure;

guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 03 NRHP eligibility non-eligible

> **NRHP** criteria C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign

420 South County Road 23E Loveland, Colorado 80537

May 2009

Culvert

PROPERTY IDENTIFICATION

city/vicinity Benson USGS quadrangle Benson

district 84 **UTM reference** 12.560327.3536478

STRUCTURAL INFORMATION

main span number 3 main span type 219 appr. span number 0 appr. span type degree of skew 30 guardrail type 6

main span length 10.0 superstructure concrete box culvert structure length 37.0 substructure concrete abutments, wingwalls and piers

roadway width 43.0 floor/decking asphalt roadway

structure width 45.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1958 designer/engineer Arizona Highway Department

project number I-002-4(7) builder/contractor Royden Construction Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) ca1990 alterations Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 05576 301.51 milepost inventory route I 10; WB location 0.9 mi West of Jct SR 90 feature intersected Wash city/vicinity Benson **USGS** quadrangle Benson

district 84 **UTM reference** 12.560316.3536515

STRUCTURAL INFORMATION

structure length 32.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 other features steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1931 designer/engineer Arizona Highway Department

project numberFAP 130-H(1)builder/contractorTanner Construction Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)19581966alterationsbarrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 11 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 05577 302.73 milepost inventory route I 10; EB location 35.6 mi E Jct SR B 10 feature intersected Wash city/vicinity Benson **USGS** quadrangle Benson

district 84 **UTM** reference 12.562220.3536820

STRUCTURAL INFORMATION

main span number 5 main span type 219 appr. span number 0 appr. span type 6 degree of skew guardrail type

concrete box culvert 10.0 superstructure main span length 54.0 structure length substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

steel Thrie beam guardrails 0.0 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1931 Arizona Highway Department

I-10-5(26) builder/contractor project number

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations 1967 ca1990 barrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible

inventory score 07

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 05221 305.02 milepost inventory route SR B 10 location 1.3 mi East of Jct I 10 feature intersected Wash city/vicinity Benson **USGS** quadrangle Benson

district 84 **UTM reference** 12.565844.3537277

STRUCTURAL INFORMATION

structure length 41.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date1950designer/engineerArizona Highway Departmentproject numberFI-18(13)builder/contractor

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 07 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Benson Highway Underpass

PROPERTY IDENTIFICATION

county Cochise inventory number 00262 305.79 milepost inventory route SR 80 location 3.4 mi East Jct I 10 feature intersected SR B 10 city/vicinity Benson **USGS** quadrangle Benson

district **UTM** reference 12.567050.3536933

STRUCTURAL INFORMATION

main span number 4 main span type 201 appr. span number 0 appr. span type degree of skew guardrail type

concrete slab 43.0 superstructure main span length

structure length 135.0 substructure concrete abutments, wingwalls and piers

floor/decking roadway width 24.0 concrete deck

solid concrete guardrails with Art Moderne scoring 26.8 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1941

FAP 79-D(3)41 project number builder/contractor Pearson & Dickerson, Prescott AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s)

alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

Arizona Highway Department

National Register Multiple Property Documentation Form

inventory score NRHP eligibility eligible

> NRHP criteria C x

signif. statement well-preserved example of ASHD architectural treatment on

urban grade separation

FORM COMPLETED BY

Clayton B. Fraser, Principal

Benson Railroad Underpass

PROPERTY IDENTIFICATION

county Cochise inventory number 00264

305.85 milepost inventory route Southern Pacific Railroad

location 2.1 mi E Jct I 10 feature intersected SR B 10 city/vicinity Benson **USGS** quadrangle Benson

district **UTM** reference 12.567103.3536922

STRUCTURAL INFORMATION

main span number 2 main span type 207

appr. span number 0 appr. span type degree of skew guardrail type

27.0 superstructure concrete rigid frame main span length

structure length 66.0 substructure concrete abutments, wingwalls and pier

other features

0.0 floor/decking ballasted railroad deck roadway width

HISTORICAL INFORMATION

structure width

0.0

construction date 1941 designer/engineer Arizona Highway Department

FAGH 137-E(1)41 builder/contractor project number Pearson & Dickerson, Prescott AZ information source ADOT bridge records structure owner Union Pacific Railroad

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 51 NRHP eligibility eligible

> NRHP criteria C - x

signif. statement well-preserved example of ASHD architectural treatment on

urban grade separation

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

Benson Bridge

PROPERTY IDENTIFICATION

city/vicinity Benson USGS quadrangle Benson

district 84 **UTM reference** 12.568155.3536778

STRUCTURAL INFORMATION

main span number 3 main span type 403
appr. span number 0 appr. span type

degree of skew12guardrail type9main span length160.0superstructuresteel cantilever plate deck girder

structure length 402.0 substructure concrete abutments, wingwalls and piers

roadway width 30.0 floor/decking concrete deck

structure width 35.0 **other features** concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date 1950 designer/engineer Arizona Highway Department

project number FAP 137(6) builder/contractor R.H. Martin Contracting Company, Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) ca1990 alterations guardrails replaced with Jersey barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 58 NRHP eligibility eligible

NRHP criteria A x B C x

signif. statement long-span example of uncommon structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Adams Peak Wash Bridge

PROPERTY IDENTIFICATION

 $\begin{array}{cccc} \textbf{county} & \textbf{Cochise} & \textbf{inventory number} & 00248 \\ \textbf{milepost} & 309.75 & \textbf{inventory route} & \text{I } 10; \text{SFR} \\ \end{array}$

location7.4 mi East Jct SR 90feature intersectedAdams Peak Washcity/vicinityBensonUSGS quadrangleSaint David

district 84 **UTM reference** 12.573127.3538224

STRUCTURAL INFORMATION

main span length 25.0 superstructure concrete slab

structure length137.0substructureconcrete abutments with concrete column piersroadway width34.0floor/deckingconcrete deck with asphalt overlaystructure width36.2other featuressteel beam guardrails with concrete posts

HISTORICAL INFORMATION

construction date1940designer/engineerArizona Highway Departmentproject numberFAP 137-A(1)builder/contractorPhoenix-Tempe Stone Co., Phoen

project numberFAP 137-A(1)builder/contractorPhoenix-Tempe Stone Co., Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 29 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 05579

milepost 310.26 inventory route I 10; EB & WB location 7.9 mi East Jct SR 90 feature intersected Wash

city/vicinity Benson USGS quadrangle Saint David UTM reference 12.574000.3538517

STRUCTURAL INFORMATION

main span number 3 main span type 219

appr. span number $\ 0$ appr. span type degree of skew $\ 45$ guardrail type $\ 0$

main span length 10.0 superstructure concrete box culvert

structure length 45.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

 $\begin{array}{ccc} \textbf{structure width} & 0.0 & \textbf{other features} & \text{steel Thrie beam guardrails} \\ \end{array}$

HISTORICAL INFORMATION

construction date 1960 designer/engineer Arizona Highway Department

 project number
 I-10-6(9)
 builder/contractor
 Ashton Building Company Inc., Tucson AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) 1976 alterations barrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Sibyl Overpass

PROPERTY IDENTIFICATION

county Cochise 312.77 milepost

location 10.4 mi E Jct Rt 90

city/vicinity Benson

district

inventory number

inventory route

feature intersected **USGS** quadrangle

Sibyl Road Saint David

I 10; EB

00574

UTM reference

12.577822.3539893

STRUCTURAL INFORMATION

main span number 3 appr. span number 0 degree of skew 33.0 main span length structure length 90.0

roadway width 40.5

43.2 structure width

main span type

appr. span type

0 guardrail type

concrete slab superstructure substructure concrete abutments with concrete column piers

floor/decking concrete deck with asphalt overlay

201

concrete Jersey barrier guardrails with Thrie beams other features

at approaches

HISTORICAL INFORMATION

construction date 1960

I-10-6(9) project number information source ADOT bridge records

alteration date(s)

designer/engineer builder/contractor

structure owner

alterations

Arizona Highway Department

Ashton Building Company Inc., Tucson AZ Arizona Department of Transportation

guardrails replaced with Jersey barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

inventory score

NRHP eligibility non-eligible

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

Sibyl Overpass

PROPERTY IDENTIFICATION

city/vicinityBensonUSGS quadrangleJackson Mountaindistrict84UTM reference12.577811.3639914

STRUCTURAL INFORMATION

structure length 90.0 **substructure** concrete abutments with concrete column piers

roadway width 40.3 floor/decking concrete deck with asphalt overlay

structure width 43.0 other features concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date 1960 designer/engineer Arizona Highway Department

project numberI-10-7(9)builder/contractorAshton Building Company Inc., Tucson AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1977alterationsguardrails replaced with Jersey barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 12 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Dragoon Overpass

PROPERTY IDENTIFICATION

county Cochise inventory number 00761 318.95 milepost inventory route I 10; WB location 12.7 mi West Jct US 191 S feature intersected Dragoon Road city/vicinity Dragoon **USGS** quadrangle Dragoon

district 84 **UTM reference** 12.585648.3545540

STRUCTURAL INFORMATION

main span number 3 main span type 201 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete slab 36.0 superstructure main span length structure length 97.0 substructure concrete abutments with concrete column piers

roadway width 40.0 floor/decking concrete deck with asphalt overlay

structure width 43.2 other features concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date1963designer/engineerArizona Highway Departmentproject numberI-10-6(27)builder/contractorVinnell Company Inc., Alhambra CAinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1994alterationsguardrails replaced with Jersey barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 10 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Dragoon Overpass

PROPERTY IDENTIFICATION

county Cochise inventory number 00760 318.95 milepost inventory route I 10; EB location 12.7 mi West Jct US 191 S feature intersected Dragoon Road city/vicinity Dragoon **USGS** quadrangle Dragoon

district **UTM** reference 12.585700.3545530

STRUCTURAL INFORMATION

main span number 3 main span type 201 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete slab 36.0 superstructure main span length structure length 97.0 substructure concrete abutments with concrete column piers

40.0

roadway width floor/decking concrete deck with asphalt overlay

concrete Jersey barrier guardrails with Thrie beams 43.2 structure width other features

at approaches

HISTORICAL INFORMATION

construction date designer/engineer 1963 Arizona Highway Department I-10-6(27) project number builder/contractor Vinnell Company Inc., Alhambra CA information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations 1994 guardrails replaced with Jersey barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Big Draw Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 05581

321.92 milepost inventory route I 10; EB & WB location 9.7 mi West Jct US 191 So feature intersected Big Draw city/vicinity Dragoon **USGS** quadrangle Dragoon

district **UTM** reference 12.588617.3549220

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete box culvert 10.0 superstructure main span length structure length 24.0 substructure concrete abutments, wingwalls and pier

roadway width 0.0 floor/decking asphalt roadway

steel Thrie beam guardrails 0.0 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1941 Arizona Highway Department

FAP 137-B project number builder/contractor Tanner Construction Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations 1957 ca1995 barrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

Johnson Underpass

PROPERTY IDENTIFICATION

county Cochise inventory number 00511

 milepost
 322.60
 inventory route
 Johnson Road

 location
 20.2 mi E Jct Rt 90
 feature intersected
 Interstate 10

 city/vicinity
 Johnson
 USGS quadrangle
 Dragoon

district 84 **UTM reference** 12.589506.3549872

STRUCTURAL INFORMATION

 $\begin{array}{lll} \mbox{main span number} & 6 & \mbox{main span type} & 302 \\ \mbox{appr. span number} & 0 & \mbox{appr. span type} & \end{array}$

degree of skew 0 guardrail type 9

main span length55.0superstructuresteel I-beam stringerstructure length206.0substructureconcrete abutments with concrete column piers

roadway width 28.0 floor/decking concrete deck with asphalt overlay structure width 33.0 other features concrete Jersey barrier guardrails

HISTORICAL INFORMATION

construction date1958designer/engineerArizona Highway Departmentproject numberI-002-5(3)builder/contractorDale F. Payne, Phoenix AZ

information sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1994alterationsguardrails replaced with Jersey barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 15 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 05583 323.91 milepost inventory route I 10; EB location 7.7 mi West Jct US 191 So feature intersected Wash city/vicinity Johnson **USGS** quadrangle Dragoon

district 84 **UTM reference** 12.591055.3551310

STRUCTURAL INFORMATION

main span number 6 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type 10.0 concrete box culvert superstructure main span length structure length 74.0 substructure concrete abutments, wingwalls and piers roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 other features steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1958 designer/engineer Arizona Highway Department

project number FAP 137-C(1) builder/contractor Lee Moor Contracting Company, El Paso TX information source ADOT bridge records structure owner Arizona Department of Transportation

 alteration date(s)
 ca1995
 alterations
 Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 04 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 05584 323.91 milepost inventory route I 10; WB location 7.7 mi West Jct US 191 So feature intersected Wash city/vicinity Johnson **USGS** quadrangle Dragoon

district 84 **UTM reference** 12.591007.3551304

STRUCTURAL INFORMATION

main span number 6 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type 10.0 concrete box culvert superstructure main span length structure length 74.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 other features steel Thrie beam guardrails

HISTORICAL INFORMATION

 construction date
 1942
 designer/engineer
 Arizona Highway Department

 project number
 FAP 137-C(1)
 builder/contractor
 Lee Moor Contracting Company

project number FAP 137-C(1) builder/contractor Lee Moor Contracting Company, El Paso TX information source ADOT bridge records alteration date(s) 1963 ca1995 alterations barrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 08 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 05586 324.16 milepost inventory route I 10; WB location 7.4 mi West Jct US 191 So feature intersected Wash city/vicinity Johnson **USGS** quadrangle Dragoon

district 84 **UTM** reference 12.591237.3551625

STRUCTURAL INFORMATION

main span number 3 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete box culvert main span length 10.0 superstructure structure length 32.0 substructure concrete abutments, wingwalls and piers roadway width 0.0 floor/decking asphalt roadway

steel Thrie beam guardrails 0.0 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1942 Arizona Highway Department FAP 137-C(1) project number builder/contractor Lee Moor Contracting Company, El Paso TX information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) ca1995 alterations 1963 1972 barrels extended; one barrel added; guardrail installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 01 NRHP eligibility non-eligible

> **NRHP** criteria C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 05585 324.16 milepost inventory route I 10; EB location 7.4 mi West Jct US 191 So feature intersected Wash city/vicinity Johnson **USGS** quadrangle Dragoon

district 84 **UTM reference** 12.591210.3551636

STRUCTURAL INFORMATION

structure length 32.0 substructure concrete abutments, wingwalls and piers

roadway width 41.0 floor/decking asphalt roadway

structure width 45.5 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date1955designer/engineerArizona Highway Departmentproject numberI-002-5(3)builder/contractorDale F. Payne, Phoenix AZ

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1972 ca1995 alterations one barrel added; guardrail installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 05587

 location
 6.5 mi West Jct US 191 So
 feature intersected
 Wash

 city/vicinity
 Johnson
 USGS quadrangle
 Dragoon

district 84 **UTM reference** 12.592000.3552942

STRUCTURAL INFORMATION

 $\begin{array}{ccc} \text{main span number} & 5 & & \text{main span type} & & 219 \end{array}$

appr. span number $\ 0$ appr. span type degree of skew $\ 30$ guardrail type $\ 0$

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 62.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date1958designer/engineerArizona Highway Departmentproject numberI-002-5(3)builder/contractorDale F. Payne, Phoenix AZ

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1972 ca1995 alterations barrels extended; one barrel added; guardrail

installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 01 NRHP eligibility non-eligible

NRHP criteria A ____ B ___ C ___

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign

420 South County Road 23E Loveland, Colorado 80537

May 2009

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 06822 327.88 milepost inventory route I 10 EB location 3.71 W of US 191 feature intersected Wash city/vicinity Johnson **USGS** quadrangle Steele Hills

district 84 **UTM reference** 12.593877.3555888

STRUCTURAL INFORMATION

structure length 23.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date1958designer/engineerArizona Highway Departmentproject numberI-002-5(3)builder/contractorDale F. Payne, Phoenix AZ

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1963 ca1995 alterations barrel added; guardrail installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 06821 327.90 milepost inventory route I 10 WB location 3.69 W of US 191 feature intersected Wash city/vicinity Johnson **USGS** quadrangle Steele Hills

district 84 **UTM reference** 12.593845.3555898

STRUCTURAL INFORMATION

main span number 3 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete box culvert 6.0 superstructure main span length structure length 23.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 other features steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1942 designer/engineer Arizona Highway Department

 project number
 FAP 137-C(1)
 builder/contractor
 Lee Moor Contracting Company, El Paso TX

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

 alteration date(s)
 1963
 ca1995
 alterations
 barrel added; guardrail installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 05 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

countyCochiseinventory number06142milepost328.40inventory routeI 10; EBlocation3.2 mi West Jct US 191 Sofeature intersectedWash

city/vicinityJohnsonUSGS quadrangleRed Bird Hillsdistrict84UTM reference12.594390.3556730

STRUCTURAL INFORMATION

main span number 4 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete box culvert 6.0 superstructure main span length structure length 30.0 substructure concrete abutments, wingwalls and piers roadway width 0.0 floor/decking asphalt roadway

 ${\it structure width} \qquad 0.0 \qquad {\it other features} \qquad {\it steel Thrie beam guardrails}$

HISTORICAL INFORMATION

construction date designer/engineer 1958 Arizona Highway Department FAP 137-C(1) project number builder/contractor Lee Moor Contracting Company, El Paso TX information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) ca1990 alterations 1963 1972 two barrels added; guardrail installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

 county
 Cochise
 inventory number
 06508

 milepost
 328.40
 inventory route
 I 10; WB

 location
 3.2 mi West Jct US 191 So
 feature intersected
 Wash

city/vicinityJohnsonUSGS quadrangleRed Bird Hillsdistrict83UTM reference12.594384.3556753

STRUCTURAL INFORMATION

main span number 4 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete box culvert 6.0 superstructure main span length structure length 33.0 substructure concrete abutments, wingwalls and piers roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date designer/engineer 1942 Arizona Highway Department FAP 137-C(1) project number builder/contractor Lee Moor Contracting Company, El Paso TX information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) ca1990 alterations 1963 1972 two barrels added; guardrail installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 02 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

 county
 Cochise
 inventory number
 05589

 milepost
 328.74
 inventory route
 I 10; EB

 location
 2.9 mi West Jct US 191 So
 feature intersected
 Wash

city/vicinityJohnsonUSGS quadrangleRed Bird Hillsdistrict84UTM reference12.594872.3557358

STRUCTURAL INFORMATION

main span number 7 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete box culvert 10.0 superstructure main span length structure length 86.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date1958designer/engineerArizona Highway Departmentproject numberI-002-5(3)builder/contractorDale F. Payne, Phoenix AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1963 ca1990 alterations barrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 03 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

countyCochiseinventory number05590milepost328.74inventory routeI 10; WBlocation2.9 mi West Jct US 191 Sofeature intersectedWash

city/vicinityJohnsonUSGS quadrangleRed Bird Hillsdistrict84UTM reference12.594855.3557402

STRUCTURAL INFORMATION

main span number 7 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete box culvert 10.0 superstructure main span length structure length 89.0 substructure concrete abutments, wingwalls and piers roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date designer/engineer 1942 Arizona Highway Department FAP 137-C(1) project number builder/contractor Lee Moor Contracting Company, El Paso TX information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1963 ca1990 alterations barrels extended; one barrel added; guardrail added

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 09 NRHP eligibility non-eligible

NRHP criteria A ____ B ___ C ___

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Cochise Underpass

PROPERTY IDENTIFICATION

county Cochise inventory number 00518

milepost 331.62 inventory route US 191; Cochise Road

 location
 at Jct of US 191 South
 feature intersected
 Interstate 10

 city/vicinity
 Cochise
 USGS quadrangle
 Red Bird Hills

 district
 84
 UTM reference
 12.599042.3560457

STRUCTURAL INFORMATION

main span number $\ 4$ main span type $\ 402$ appr. span number $\ 0$ appr. span type

degree of skew 12 guardrail type 9

main span length 80.0 superstructure steel I-beam stringer

structure length 249.0 **substructure** concrete abutments with concrete column piers

roadway width 30.0 floor/decking concrete deck

structure width 35.0 **other features** concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date 1958 designer/engineer Arizona Highway Department

project numberI-002-5(6)builder/contractorSouthern Arizona Contracting Co., Tucson AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) 1989 alterations guardrails replaced with Jersey barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 15 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 05591

332.01 milepost inventory route I 10; EB & WB

location 0.4 mi East Jct US 191 So feature intersected Wash

city/vicinity Cochise **USGS** quadrangle Red Bird Hills district **UTM** reference 12.599570.3560840

STRUCTURAL INFORMATION

main span number 3 main span type 219

appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

structure length 32.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1959 Arizona Highway Department

I-002-5(6) project number builder/contractor Southern Arizona Contracting Co., Tucson AZ structure owner

information source ADOT bridge records Arizona Department of Transportation

alteration date(s) alterations 1973 barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 05593

332.09 milepost inventory route I 10; EB & WB

location 0.5 mi East Jct US 191 So feature intersected Wash

city/vicinity Cochise **USGS** quadrangle Red Bird Hills district **UTM** reference 12.599747.3560972

STRUCTURAL INFORMATION

main span number 3 main span type 219

appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

structure length 33.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1959 Arizona Highway Department

I-002-5(6) project number builder/contractor Southern Arizona Contracting Co., Tucson AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1973 barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 05595

332.16 milepost inventory route I 10; EB & WB

location 0.6 mi East Jct US 191 So feature intersected Wash

city/vicinity Cochise **USGS** quadrangle Red Bird Hills district **UTM** reference 12.599763.3560995

STRUCTURAL INFORMATION

main span number 3 main span type 219

appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

structure length 32.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1959 Arizona Highway Department

I-002-5(6) project number builder/contractor Southern Arizona Contracting Co., Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1973 barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 05597

332.30 milepost inventory route I 10; EB & WB

location 0.7 mi East Jct US 191 So feature intersected Wash

city/vicinity Cochise **USGS** quadrangle Red Bird Hills district **UTM** reference 12.600318.3561384

STRUCTURAL INFORMATION

main span number 2 main span type 219

appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

structure length 23.0 substructure concrete abutments, wingwalls and pier

roadway width 0.0 floor/decking asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1959 Arizona Highway Department

I-002-5(6) project number builder/contractor Southern Arizona Contracting Co., Tucson AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1973 barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 05599

332.39 milepost inventory route I 10; EB & WB

location 0.8 mi East Jct US 191 So feature intersected Wash city/vicinity Cochise **USGS** quadrangle Red Bird Hills district **UTM** reference 12.600070.3561203

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type

0 degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

21.0 structure length substructure concrete abutments, wingwalls and pier

0.0 roadway width floor/decking asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1959 Arizona Highway Department

I-002-5(6) project number builder/contractor Southern Arizona Contracting Co., Tucson AZ structure owner

information source ADOT bridge records Arizona Department of Transportation

alteration date(s) alterations 1973 barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 05601

milepost 332.73 inventory route I 10; EB & WB location 1.1 mi East Jct US 191 So feature intersected Wash

city/vicinity Cochise USGS quadrangle Red Bird Hills district 84 UTM reference 12.600538.3561532

STRUCTURAL INFORMATION

main span number 3 main span type 219 appr. span number 0 appr. span type

degree of skew 0 guardrail type 0

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 33.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

 $\begin{array}{ccc} \text{structure width} & 0.0 & \text{other features} & \text{none} \end{array}$

HISTORICAL INFORMATION

construction date 1959 designer/engineer Arizona Highway Department

project number I-002-5(6) builder/contractor Southern Arizona Contracting Co., Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation

The state of the s

alteration date(s) 1973 alterations barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 05603

333.62 milepost inventory route I 10; EB & WB

location 2.0 mi East Jct US 191 So feature intersected Wash

city/vicinity Willcox **USGS** quadrangle Red Bird Hills district **UTM** reference 12.601673.3562350

STRUCTURAL INFORMATION

main span number 4 main span type 219

appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete box culvert 6.0 superstructure main span length

structure length 27.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1942 Arizona Highway Department

I-002-5(6) project number builder/contractor Southern Arizona Contracting Co., Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1973 alterations 1959 1963 two culverts extended to form single structure

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 05605

milepost 333.87 inventory route I 10; EB & WB

location 2.3 mi East Jct US 191 So feature intersected Wash

city/vicinityWillcoxUSGS quadrangleRed Bird Hillsdistrict84UTM reference12.601996.3562576

STRUCTURAL INFORMATION

main span number 4 main span type 219

appr. span number $\ 0$ appr. span type degree of skew $\ 0$ guardrail type $\ 0$

main span length 10.0 superstructure concrete box culvert

structure length 43.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

 $\begin{array}{ccc} \text{structure width} & 0.0 & \text{other features} & \text{none} \end{array}$

HISTORICAL INFORMATION

construction date 1959 designer/engineer Arizona Highway Department

project number I-002-5(6) builder/contractor Southern Arizona Contracting Co., Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1989 alterations two culverts extended to form single structure;

guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign

420 South County Road 23E Loveland, Colorado 80537

May 2009

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 05607

334.10 milepost inventory route I 10; EB & WB

location 2.5 mi East Jct US 191 So feature intersected Wash

city/vicinity Willcox **USGS** quadrangle Red Bird Hills district **UTM** reference 12.602335.3562806

STRUCTURAL INFORMATION

main span number 4 main span type 219

appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete box culvert 6.0 superstructure main span length

structure length 27.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1942 Arizona Highway Department

I-002-5(6) project number builder/contractor Southern Arizona Contracting Co., Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1973 alterations 1959 1963 two culverts extended to form single structure

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Strongbox Wash Culvert

PROPERTY	IDENTIFICATION	

county Cochise inventory number 05609

milepost334.49inventory routeI 10; EB & WBlocation2.9 mi East Jct US 191 Sofeature intersectedStrongbox Washcity/vicinityWillcoxUSGS quadrangleRed Bird Hillsdistrict84UTM reference12.602814.3563158

STRUCTURAL INFORMATION

structure length 26.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date 1942 designer/engineer Arizona Highway Department

project numberI-002-5(6)builder/contractorSouthern Arizona Contracting Co., Tucson AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)195919631973alterationstwo culverts extended to form single structure

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 04 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 05611

334.68 milepost inventory route I 10; EB & WB

location 3.1 mi East Jct US 191 feature intersected Wash

city/vicinity Willcox **USGS** quadrangle Red Bird Hills district **UTM** reference 12.603077.3563350

STRUCTURAL INFORMATION

main span number 4 main span type 219

appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete box culvert 6.0 superstructure main span length

structure length 27.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1942 Arizona Highway Department

I-002-5(6) project number builder/contractor Southern Arizona Contracting Co., Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1973 alterations 1959 1963 two culverts extended to form single structure

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 05613

 $\begin{tabular}{lll} \textbf{milepost} & 334.74 & \textbf{inventory route} & I~10; EB \& WB \\ \end{tabular}$

location 3.1 mi East Jct US 191 So feature intersected Wash

city/vicinityWillcoxUSGS quadrangleRed Bird Hillsdistrict84UTM reference12.603126.3563400

STRUCTURAL INFORMATION

 $\begin{array}{lll} \text{main span number} & 4 & \text{main span type} & 219 \\ \text{appr. span number} & 0 & \text{appr. span type} & \end{array}$

 $\begin{tabular}{lll} \textbf{main span length} & 6.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 26.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

 $\begin{array}{ccc} \text{structure width} & 0.0 & \text{other features} & \text{none} \end{array}$

HISTORICAL INFORMATION

construction date 1942 designer/engineer Arizona Highway Department

project numberI-002-5(6)builder/contractorSouthern Arizona Contracting Co., Tucson AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) 1959 1963 1973 alterations two culverts extended to form single structure

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 04 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

countyCochiseinventory number05223milepost340.79inventory routeSB 10location35.0 mi East Jct US 80feature intersectedWash

city/vicinityWillcoxUSGS quadrangleWillcox Northdistrict84UTM reference12.610380.3569746

STRUCTURAL INFORMATION

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length32.0substructureconcrete abutments, wingwalls and piersroadway width64.5floor/deckingasphalt roadway

structure width 88.0 other features none

HISTORICAL INFORMATION

construction date 1938 designer/engineer Arizona Highway Department

project numberFAP 130-Abuilder/contractorDaley Construction Company, San Diego CAinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) 1956 alterations barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 05 NRHP eligibility non-eligible

NRHP criteria A _____ B ___ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

 $\begin{array}{cccc} \textbf{county} & \textbf{Cochise} & \textbf{inventory number} & 05224 \\ \textbf{milepost} & 341.00 & \textbf{inventory route} & SB 10 \\ \textbf{location} & 9.4 \ \text{mi} \ \text{West US 666 So} & \textbf{feature intersected} & \textbf{Wash} \\ \end{array}$

city/vicinityWillcoxUSGS quadrangleWillcox Northdistrict84UTM reference12.610506.3569964

STRUCTURAL INFORMATION

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length21.0substructureconcrete abutments, wingwalls and piersroadway width100.0floor/deckingasphalt roadway

structure width 102.0 other features none

HISTORICAL INFORMATION

construction date 1938 designer/engineer Arizona Highway Department

project numberFAP 130-Abuilder/contractorDaley Construction Company, San Diego CAinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) 2001 alterations barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 06 NRHP eligibility non-eligible

NRHP criteria A _____ B ___ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 05623

346.28 milepost inventory route I 10; EB & WB

location 6.1 mi West Jct US 191 feature intersected Wash

city/vicinity Willcox **USGS** quadrangle Willcox North district 84 **UTM** reference 12.615337.3577146

STRUCTURAL INFORMATION

main span number 2 main span type 219

appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

21.0 structure length substructure concrete abutments, wingwalls and pier

0.0 roadway width floor/decking asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1938 Arizona Highway Department

FAP 130-A project number builder/contractor Daley Construction Company, San Diego CA information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations 1955 1974 two culverts extended to form single structure

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 05625

347.31 milepost inventory route I 10; EB & WB

location 5.1 mi West Jct US 191 feature intersected Wash

city/vicinity Willcox **USGS** quadrangle Willcox North district **UTM** reference 12.616540.3578302

STRUCTURAL INFORMATION

main span number 4 main span type 219

appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

structure length 43.0 substructure concrete abutments, wingwalls and piers

0.0 roadway width floor/decking asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1940 Arizona Highway Department

FAP 130-I project number builder/contractor Jack A. Casson Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations

1955 1974 two culverts extended to form single structure

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 05627

milepost 349.64 inventory route I 10; EB & WB

 location
 2.8 mi West Jct US 191
 feature intersected
 Wash

 city/vicinity
 Willcox
 USGS quadrangle
 Railroad Pass

 district
 84
 UTM reference
 12.619852.3580110

STRUCTURAL INFORMATION

main span number 5 main span type 219 appr. span number 0 appr. span type

degree of skew 0 guardrail type 0

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 53.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

 $\begin{array}{ccc} \text{structure width} & 0.0 & \text{other features} & \text{none} \end{array}$

HISTORICAL INFORMATION

construction date 1940 designer/engineer Arizona Highway Department

project number FAP 130-I builder/contractor Jack A. Casson Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1955 1974 alterations two culverts extended to form single structure

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 09 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 05629

milepost 350.55 inventory route I 10; EB & WB location 1.9 mi West Jct US 191 feature intersected Wash

 city/vicinity
 Willcox
 USGS quadrangle
 Railroad Pass

 district
 84
 UTM reference
 12.621130.3580380

STRUCTURAL INFORMATION

main span number 2 main span type 219
appr. span number 0 appr. span type

structure length 21.0 substructure concrete abutments, wingwalls and pier

 $\begin{tabular}{lll} {\bf roadway~width} & 0.0 & {\bf floor/decking} & {\bf asphalt~roadway} \end{tabular}$

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date 1940 designer/engineer Arizona Highway Department

project numberFAP 130-Ibuilder/contractorJack A. Casson Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)19551974alterationstwo culverts extended to form single structure

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 06 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 05631

351.70 milepost inventory route I 10; EB & WB location 0.7 mi West Jct US 191 feature intersected Wash

city/vicinity Willcox **USGS** quadrangle Railroad Pass district 84 **UTM** reference 12.622949.3580770

STRUCTURAL INFORMATION

main span number 3 main span type 219

appr. span number 0 appr. span type 0 degree of skew guardrail type

10.0 concrete box culvert superstructure main span length

structure length 37.0 substructure concrete abutments, wingwalls and piers

floor/decking roadway width 0.0 asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1955 Arizona Highway Department

FI-130(10) project number builder/contractor Copper State Construction Company, Mesa AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1976 barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

Safford Underpass

PROPERTY IDENTIFICATION

countyCochiseinventory number00564milepost352.40inventory routeUS 191location@ Jct of US 191 Northfeature intersectedInterstate 10

city/vicinity Willcox USGS quadrangle Railroad Pass district 84 UTM reference 12.624055.3580963

STRUCTURAL INFORMATION

main span length65.0superstructuresteel I-beam stringerstructure length215.0substructureconcrete abutments w

structure length 215.0 substructure concrete abutments with concrete column piers roadway width 30.0 floor/decking concrete deck

structure width 35.0 **other features** steel baluster guardrails with Thrie beams at

approaches

HISTORICAL INFORMATION

construction date 1959 designer/engineer Arizona Highway Department

project number I-10-6(5) builder/contractor Southern Arizona Contracting Co., Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 25 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Monk Draw Bridge

PROPERTY IDENTIFICATION

county Cochise inventory number 00429 355.58 milepost inventory route I 10; EB location 0.4 mi West Jct US 191 feature intersected Monk Draw city/vicinity Willcox **USGS** quadrangle Railroad Pass district **UTM** reference 12.629128.3581455

STRUCTURAL INFORMATION

structure length 102.0 substructure concrete abutments and piers roadway width 42.0 floor/decking concrete deck

structure width 44.6 other features aluminum tubular guardrails

HISTORICAL INFORMATION

construction date 1955 designer/engineer Arizona Highway Department

project numberFI-130(10)builder/contractorCopper State Construction Company, Mesa AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) 1978 alterations deck widened and guardrails replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 10 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Luzena Highway Underpass

PROPERTY IDENTIFICATION

county Cochise inventory number 00649 355.97 milepost inventory route US 191 location 3.6 mi West Jct US191 N feature intersected Interstate 10 city/vicinity Bowie **USGS** quadrangle Luzena

district 84 **UTM reference** 12.629760.3581410

STRUCTURAL INFORMATION

main span length84.0superstructuresteel I-beam stringerstructure length297.0substructureconcrete abutments and spill-through piers

roadway width 30.0 floor/decking concrete deck

structure width 35.0 other features steel baluster guardrails

HISTORICAL INFORMATION

construction date1961designer/engineerArizona Highway Departmentproject numberI-IG-10-6(12)builder/contractorWestern Constructors Inc., Phoe

project number I-IG-10-6(12) builder/contractor Western Constructors Inc., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 25 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

California Wash Bridge

PROPERTY IDENTIFICATION

countyCochiseinventory number00656milepost356.55inventory routeI 10; WBlocation4.2 mi E Jct US191 Northfeature intersectedCalifornia Wash

city/vicinity Bowie USGS quadrangle Luzena

district 84 **UTM reference** 12.630580.3580856

STRUCTURAL INFORMATION

main span number3main span type402appr. span number0appr. span typedegree of skew10guardrail type9main span length82.0superstructuresteel I-beam stringer

structure length 218.0 substructure concrete abutments, wingwalls and piers

roadway width 42.2 floor/decking concrete deck

structure width 45.5 other features concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date designer/engineer 1961 Arizona Highway Department I-IG-10-6(12) project number builder/contractor Western Constructors Inc., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1993 alterations 1975 1986 guardrails replaced; scour protection built

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 14 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

California Wash Bridge

PROPERTY IDENTIFICATION

county Cochise inventory number 01031

 milepost
 356.55
 inventory route
 I 10; Frontage Road

 location
 4.2 mi E Jct US191 North
 feature intersected
 California Wash

 city/vicinity
 Bowie
 USGS quadrangle
 Luzena

district 84 **UTM** reference 12.630488.3580828

STRUCTURAL INFORMATION

main span number 4 main span type 402

appr. span number $\ 0$ appr. span type degree of skew $\ 0$ guardrail type $\ 6$

 $\begin{tabular}{lll} \textbf{main span length} & 50.0 & \textbf{superstructure} & steel I-beam stringer \\ \end{tabular}$

structure length 180.0 substructure concrete abutments, wingwalls and piers

roadway width 34.0 floor/decking concrete deck

structure width 36.8 **other features** steel beam guardrails with concrete posts and

bulkheads

HISTORICAL INFORMATION

construction date 1940 designer/engineer Arizona Highway Department

project number FAP 130-F(1) builder/contractor Tanner Construction Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1986 alterations scour protection built

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 40 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement well-preserved example of ASHD standard structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

California Wash Bridge

PROPERTY IDENTIFICATION

 county
 Cochise
 inventory number
 00655

 milepost
 356.55
 inventory route
 I 10; EB

 location
 4.2 mi E Jct US191 North
 feature intersected
 California Wash

city/vicinity Bowie USGS quadrangle Luzena

district 84 **UTM reference** 12.630547.3580854

STRUCTURAL INFORMATION

main span length 82.0 superstructure steel I-beam stringer structure length 218.0 substructure concrete abutments, wingwalls and piers

roadway width 42.2 floor/decking concrete deck

structure width 45.5 other features concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date designer/engineer 1961 Arizona Highway Department I-IG-10-6(12) project number builder/contractor Western Constructors Inc., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1993 alterations 1975 1986 guardrails replaced; scour protection built

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 14 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Luzena Overpass

PROPERTY IDENTIFICATION

county Cochise inventory number 00657 356.94 milepost inventory route I 10;EB

location 0.9 mi East Jct US 191 feature intersected Southern Pacific Railroad

city/vicinity Bowie **USGS** quadrangle Luzena

district 84 **UTM** reference 12.630905.3580373

STRUCTURAL INFORMATION

main span number 3 main span type 402 appr. span number 0 appr. span type degree of skew guardrail type 1

53.0 superstructure steel I-beam stringer main span length

structure length 142.0 substructure concrete abutments and spill-through piers roadway width 38.0 floor/decking concrete deck with asphalt overlay aluminum tubular guardrails structure width 43.4 other features

HISTORICAL INFORMATION

construction date designer/engineer 1962 Arizona Highway Department

I-IG-10-6(12) project number builder/contractor Western Constructors Inc., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 22 NRHP eligibility non-eligible

> NRHP criteria В C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Luzena Overpass

PROPERTY IDENTIFICATION

county Cochise inventory number 01060 356.94 milepost inventory route I 10;WB

location 0.9 mi East Jct US 191 feature intersected Southern Pacific Railroad

city/vicinity Bowie **USGS** quadrangle Luzena

district 84 **UTM** reference 12.630943.3580380

STRUCTURAL INFORMATION

main span number 3 main span type 402 appr. span number 0 appr. span type 1 degree of skew guardrail type

53.0 superstructure steel I-beam stringer main span length 142.0

structure length substructure concrete abutments and spill-through piers roadway width 38.0 floor/decking concrete deck with asphalt overlay aluminum tubular guardrails 43.0 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1962 Arizona Highway Department

I-IG-10-6(12) project number builder/contractor Western Constructors Inc., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 22 NRHP eligibility non-eligible

> NRHP criteria В C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Luzena Underpass

PROPERTY IDENTIFICATION

county Cochise inventory number 01032

milepost356.94inventory routeSouthern Pacific Railroadlocation0.9 mi East Jct US 191feature intersectedInterstate 10 Frontage Road

city/vicinity Bowie USGS quadrangle Luzena

district 84 **UTM reference** 12.630840.3580362

STRUCTURAL INFORMATION

main span number 1 main span type 302 appr. span number 0 appr. span type

degree of skew 30 guardrail type 6

main span length45.0superstructuresteel I-beam stringer

structure length53.0substructureconcrete abutments and wingwallsroadway width35.0floor/deckingballasted railroad deck

structure width 37.0 other features Art Moderne scoring on abutment walls

HISTORICAL INFORMATION

construction date 1941 designer/engineer Arizona Highway Department

project number FAP 130-E(1) builder/contractor Tanner Construction Company, Phoenix AZ

information source ADOT bridge records structure owner Union Pacific Railroad alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 37 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement well-preserved example of ASHD architectural treatment on

a highway grade separation

FORM COMPLETED BY

Clayton B. Fraser, Principal

Gold Gulch Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 05635 357.39 milepost inventory route I 10 & SFR location 1.4 mi East Jct SR 191 feature intersected Gold Gulch city/vicinity Bowie **USGS** quadrangle Luzena

district 84 **UTM** reference 12.631430.3579893

STRUCTURAL INFORMATION

main span number 3 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete box culvert 10.0 superstructure main span length structure length 32.0 substructure concrete abutments, wingwalls and piers roadway width 0.0 floor/decking asphalt roadway

steel Thrie beam guardrails 0.0 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1939 Arizona Highway Department FAP 130-D(1) project number builder/contractor Tanner Construction Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations 1961 1975 two culverts extended to form single structure;

guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 11 NRHP eligibility non-eligible

> **NRHP** criteria C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 05636

milepost 357.62 inventory route I 10; Frontage Road

district 84 **UTM reference** 12.631768.3579730

STRUCTURAL INFORMATION

main span number 4 main span type 219

appr. span number $\ 0$ appr. span type degree of skew $\ 0$ guardrail type $\ 0$

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 43.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

 $\begin{array}{ccc} \text{structure width} & 0.0 & \text{other features} & \text{none} \end{array}$

HISTORICAL INFORMATION

construction date 1939 designer/engineer Arizona Highway Department

project number FAP 130-D(1) builder/contractor Tanner Construction Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1961 1975 alterations two culverts extended to form single structure

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 12 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Angel Canyon Culvert

PROPERTY IDENTIFICATION

countyCochiseinventory number05638milepost358.77inventory routeI 10

 location
 2.8 mi East Jct SR 191
 feature intersected
 Angel Canyon

 city/vicinity
 Bowie
 USGS quadrangle
 Luzena

district 84 **UTM reference** 12.633580.3579396

STRUCTURAL INFORMATION

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 74.0 substructure concrete abutments, wingwalls and piers roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date 1939 designer/engineer Arizona Highway Department

project numberFAP 130-D(1)builder/contractorTanner Construction Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)19611975alterationstwo culverts extended to form single structure

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 14 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 05640

359.89 milepost inventory route I 10; EB & WB

location 3.9 mi East Jct SR 191 feature intersected Wash city/vicinity Bowie **USGS** quadrangle Luzena

district 84 **UTM** reference 12.635342.3579052

STRUCTURAL INFORMATION

main span number 3 main span type 219

appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

structure length 32.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1939 Arizona Highway Department

FAP 130-D(1) project number builder/contractor Tanner Construction Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations 1961 1975 two culverts extended to form single structure

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 05642

milepost 360.76 inventory route I 10; EB & WB

district 84 **UTM reference** 12.636736.3578773

STRUCTURAL INFORMATION

main span number 2 main span type 219

 $\begin{array}{lll} \mbox{appr. span number} & 0 & \mbox{appr. span type} \\ \mbox{degree of skew} & 0 & \mbox{guardrail type} & 0 \end{array}$

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 21.0 **substructure** concrete abutments, wingwalls and pier

roadway width 0.0 floor/decking asphalt roadway

 $\begin{array}{ccc} \text{structure width} & 0.0 & \text{other features} & \text{none} \end{array}$

HISTORICAL INFORMATION

construction date 1939 designer/engineer Arizona Highway Department

 project number
 FAP 130-D(1)
 builder/contractor
 Tanner Construction Company, Phoenix AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) 1961 1975 alterations two culverts extended to form single structure

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 10 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537 May 2009

lay 2009

Culvert

PROPERTY IDENTIFICATION

county Cochise

361.25 milepost

location 5.3 mi East Jct SR 191

city/vicinity Bowie

district 84 inventory number 05644

inventory route

I 10; EB & WB

feature intersected Wash

USGS quadrangle Luzena

UTM reference 12.637500.3578610

STRUCTURAL INFORMATION

main span number 2 appr. span number 0

degree of skew main span length 10.0

21.0 structure length

0.0 roadway width 0.0 structure width

main span type

appr. span type

0 guardrail type

concrete box culvert superstructure

219

substructure

concrete abutments, wingwalls and pier

floor/decking asphalt roadway

none other features

HISTORICAL INFORMATION

construction date 1939

FAP 130-D(1) project number information source ADOT bridge records

alteration date(s) 1961 1975 designer/engineer

builder/contractor structure owner

alterations

Arizona Highway Department

Tanner Construction Company, Phoenix AZ Arizona Department of Transportation

two culverts extended to form single structure

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

Culvert

PROPERTY IDENTIFICATION

city/vicinity Bowie USGS quadrangle Luzena

district 84 **UTM reference** 12.639530.3578824

STRUCTURAL INFORMATION

structure length 53.0 substructure concrete abutments, wingwalls and piers

roadway width 22.0 floor/decking asphalt roadway

structure width 37.9 other features steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1939 designer/engineer Arizona Highway Department

project number FAP 130-D(1) builder/contractor Tanner Construction Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1977 alterations barrels extended; Thrie beam guardrail installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 13 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 06149

362.62 milepost inventory route I 10; WB On Ramp

location 6.6 mi East Jct US 191 feature intersected Wash city/vicinity Bowie **USGS** quadrangle Luzena

district 84 **UTM** reference 12.639682.3578205

STRUCTURAL INFORMATION

main span number 3 main span type 219

appr. span number 0 appr. span type 0 degree of skew guardrail type

10.0 concrete box culvert main span length superstructure

structure length 37.0 substructure concrete abutments, wingwalls and piers

floor/decking roadway width 36.4 asphalt roadway

38.4 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1939 Arizona Highway Department

FAP 130-D(1) project number builder/contractor Tanner Construction Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 11 NRHP eligibility non-eligible

> NRHP criteria В C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 05225 363.70 milepost inventory route SB 10 location 11.3 mi E Jct US 666 feature intersected Wash city/vicinity Bowie **USGS** quadrangle Bowie

district 84 **UTM** reference 12.641313.3577857

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type 10.0 superstructure

concrete box culvert main span length

21.0 structure length substructure concrete abutments, wingwalls and pier floor/decking roadway width 36.0 asphalt roadway

38.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1939 Arizona Highway Department FAP 130-D project number builder/contractor

Tanner Construction Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 20 NRHP eligibility non-eligible

> NRHP criteria В C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 05226 365.56 milepost inventory route SB 10 location 13.2 mi E Jct US 666 feature intersected Wash city/vicinity Bowie **USGS** quadrangle Bowie

district 84 **UTM reference** 12.644403.3577310

STRUCTURAL INFORMATION

main span number 4 main span type 219
appr. span number 0 appr. span type
degree of skew 0 guardrail type 0

main span length 10.0 superstructure concrete box culvert structure length 43.0 substructure concrete abutments,

structure length43.0substructureconcrete abutments, wingwalls and piersroadway width36.0floor/deckingasphalt roadway

structure width 38.0 other features none

HISTORICAL INFORMATION

construction date 1940 designer/engineer Arizona Highway Department

project numberFAP 130-Hbuilder/contractorTanner Construction Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 22 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 06140 366.20 milepost inventory route SB 10 location 13.9 mi E Jct US 191 feature intersected Wash city/vicinity Bowie **USGS** quadrangle Bowie

district 84 **UTM** reference 12.645350.3577070

STRUCTURAL INFORMATION

main span number 6 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type 10.0 superstructure

concrete box culvert main span length structure length 64.0 substructure concrete abutments, wingwalls and piers

floor/decking roadway width 36.0 asphalt roadway

38.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1940 Arizona Highway Department

FAP 130-H project number builder/contractor Tanner Construction Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 24 NRHP eligibility non-eligible

> NRHP criteria В C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 06150

milepost 366.83 inventory route I 10; Frontage Road

location10.8 mi East Jct US 191feature intersectedWashcity/vicinityBowieUSGS quadrangleBowie

district 84 **UTM reference** 12.646113.3576883

STRUCTURAL INFORMATION

 $\begin{array}{lll} \text{main span number} & 4 & \text{main span type} & 219 \\ \text{appr. span number} & 0 & \text{appr. span type} \end{array}$

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 43.0 substructure concrete abutments, wingwalls and piers

roadway width 36.1 floor/decking asphalt roadway

structure width 38.1 other features none

HISTORICAL INFORMATION

construction date 1939 designer/engineer Arizona Highway Department

project number FAP 130-H(1) builder/contractor Tanner Construction Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 12 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 06152

milepost 367.60 inventory route I 10; Frontage Road

location11.6 mi East of Jct US 19feature intersectedWashcity/vicinityBowieUSGS quadrangleBowie

district 84 **UTM reference** 12.647227.3576596

STRUCTURAL INFORMATION

main span number 4 main span type 219

appr. span number $\ 0$ appr. span type degree of skew $\ 0$ guardrail type $\ 0$

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 37.0 **substructure** concrete abutments, wingwalls and piers

roadway width 36.0 floor/decking asphalt roadway

structure width 38.0 other features none

HISTORICAL INFORMATION

construction date 1939 designer/engineer Arizona Highway Department

project number FAP 130-H(1) builder/contractor Tanner Construction Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1968 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 12 NRHP eligibility non-eligible

NRHP criteria A _____ B ___ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 05662

milepost 367.95 inventory route I 10; EB-WB; Frontage Road

location12.0 mi East Jct US 191feature intersectedWashcity/vicinityBowieUSGS quadrangleBowie

district 84 **UTM reference** 12.647706.3576413

STRUCTURAL INFORMATION

 $\begin{array}{ccc} \text{main span number} & 2 & & \text{main span type} & & 219 \end{array}$

 $\begin{array}{lll} \mbox{appr. span number} & 0 & \mbox{appr. span type} \\ \mbox{degree of skew} & 0 & \mbox{guardrail type} \end{array}$

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length21.0substructureconcrete abutments, wingwalls and pierroadway width0.0floor/deckingasphalt roadway

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date 1962 designer/engineer Arizona Highway Department

project number I-10-6(18) builder/contractor Ashton Building Company Inc., Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

unoranon

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

 $\begin{array}{ccc} \text{inventory score} & 08 & & \text{NRHP eligibility} & \text{non-eligible} \end{array}$

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 06154

milepost 367.95 inventory route I 10; Frontage Road

location12.0 mi East Jct US 191feature intersectedWashcity/vicinityBowieUSGS quadrangleBowie

district 84 **UTM reference** 12.647754.3576452

STRUCTURAL INFORMATION

main span number 2 main span type 219

appr. span number $\ 0$ appr. span type degree of skew $\ 0$ guardrail type $\ 0$

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 21.0 **substructure** concrete abutments, wingwalls and piers

roadway width 36.2 floor/decking asphalt roadway

structure width 38.2 other features none

HISTORICAL INFORMATION

construction date 1940 designer/engineer Arizona Highway Department

project number FAP 130-H(1) builder/contractor Tanner Construction Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 10 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

06372

PROPERTY IDENTIFICATION

county Cochise inventory number

368.25 milepost inventory route I 10; North Frontage Road

location 12.3 mi East Jct US 191 feature intersected Wash city/vicinity Bowie **USGS** quadrangle Bowie

district 84 **UTM** reference 12.648156.3576355

STRUCTURAL INFORMATION

main span number 2 main span type 219

appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

21.0 structure length substructure concrete abutments, wingwalls and pier

floor/decking roadway width 36.3 asphalt roadway

38.3 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1940 Arizona Highway Department

FAP 130-H(1) project number builder/contractor Tanner Construction Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 20 NRHP eligibility non-eligible

> NRHP criteria В C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 05664

milepost 368.36 inventory route I 10; EB-WB & SFR

location12.4 mi East Jct US 191feature intersectedWashcity/vicinityBowieUSGS quadrangleBowie

district 84 **UTM reference** 12.648369.3576239

STRUCTURAL INFORMATION

 $\begin{array}{ccc} \text{main span number} & 3 & & \text{main span type} & & 219 \end{array}$

appr. span number $\ 0$ appr. span type degree of skew $\ 0$ guardrail type

structure length 32.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

 $\begin{array}{ccc} \text{structure width} & 0.0 & \text{other features} & \text{none} \end{array}$

HISTORICAL INFORMATION

construction date 1962 designer/engineer Arizona Highway Department

 project number
 I-10-6(18)
 builder/contractor
 Ashton Building Company Inc., Tucson AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) 1975 alterations barrels extended; Thrie beam guardrail installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537 May 2009

,

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 06156

milepost 368.36 inventory route I 10; North Frontage Road

location12.4 mi East Jct US 191feature intersectedWashcity/vicinityBowieUSGS quadrangleBowie

district 84 **UTM reference** 12.648417.3576299

STRUCTURAL INFORMATION

main span number 4 main span type 219

appr. span number $\ 0$ appr. span type degree of skew $\ 0$ guardrail type $\ 0$

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 35.0 substructure concrete abutments, wingwalls and piers

roadway width 36.0 floor/decking asphalt roadway

structure width 38.0 other features none

HISTORICAL INFORMATION

construction date 1940 designer/engineer Arizona Highway Department

project number FAP 130-H(1) builder/contractor Tanner Construction Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1962 alterations barrels added

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 12 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 05666

location12.9 mi East Jct US 191feature intersectedWashcity/vicinityBowieUSGS quadrangleBowie

district 84 **UTM** reference 12.649140.3576055

STRUCTURAL INFORMATION

 $\begin{array}{ccc} \text{main span number} & 4 & & \text{main span type} & & 219 \end{array}$

 $\begin{array}{lll} \mbox{appr. span number} & 0 & \mbox{appr. span type} \\ \mbox{degree of skew} & 0 & \mbox{guardrail type} \end{array}$

structure length 43.0 substructure concrete abutments, wingwalls and piers

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

 $\begin{array}{ccc} \text{structure width} & 0.0 & \text{other features} & \text{none} \end{array}$

HISTORICAL INFORMATION

construction date 1962 designer/engineer Arizona Highway Department

project number I-10-6(18) builder/contractor Ashton Building Company Inc., Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1975 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 06158

368.87 milepost inventory route I 10; Frontage Road

location 12.9 mi East Jct US 191 feature intersected Wash city/vicinity Bowie **USGS** quadrangle Bowie

district 84 **UTM** reference 12.649183.3576099

STRUCTURAL INFORMATION

main span number 4 main span type 219

appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

structure length 43.0 substructure concrete abutments, wingwalls and piers

roadway width 35.8 floor/decking asphalt roadway

37.8 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1940 Arizona Highway Department

FAP 130-H(1) project number builder/contractor Tanner Construction Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1962 one barrel added

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 06159

milepost 369.15 inventory route I 10; Frontage Road

location13.2 mi East Jct US 191feature intersectedWashcity/vicinityBowieUSGS quadrangleBowie

district 84 **UTM reference** 12.649579.3575997

STRUCTURAL INFORMATION

main span number 6 main span type 219

appr. span number $\ 0$ appr. span type degree of skew $\ 0$ guardrail type $\ 0$

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 65.0 **substructure** concrete abutments, wingwalls and piers

roadway width 36.2 floor/decking asphalt roadway

structure width 38.2 other features none

HISTORICAL INFORMATION

construction date 1940 designer/engineer Arizona Highway Department

project number FAP 130-H(1) builder/contractor Tanner Construction Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1962 alterations barrels added

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 14 NRHP eligibility non-eligible

NRHP criteria A _____ B ___ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 05668

location13.2 mi East Jct US 191feature intersectedWashcity/vicinityBowieUSGS quadrangleBowie

district 84 **UTM reference** 12.649526.3575958

STRUCTURAL INFORMATION

 $\begin{array}{ccc} \text{main span number} & 6 & & \text{main span type} & & 219 \end{array}$

appr. span number $\ 0$ appr. span type degree of skew $\ 0$ guardrail type

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 64.0 **substructure** concrete abutments, wingwalls and piers

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date 1962 designer/engineer Arizona Highway Department

project numberI-10-6(18)builder/contractorAshton Building Company Inc., Tucson AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) 1975 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 02 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

Culvert

05670

PROPERTY IDENTIFICATION

county Cochise inventory number

milepost 369.49 inventory route I 10; EB & WB

location13.5 mi East Jct US 191feature intersectedWashcity/vicinityBowieUSGS quadrangleBowie

district 84 **UTM** reference 12.650112.3575810

STRUCTURAL INFORMATION

 $\begin{array}{ccc} \text{main span number} & 5 & & \text{main span type} & & 219 \end{array}$

 $\begin{array}{lll} \mbox{appr. span number} & 0 & \mbox{appr. span type} \\ \mbox{degree of skew} & 0 & \mbox{guardrail type} \end{array}$

structure length 53.0 substructure concrete abutments, wingwalls and piers

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date 1962 designer/engineer Arizona Highway Department

project numberI-10-6(18)builder/contractorAshton Building Company Inc., Tucson AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) 1975 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 01 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 06160

369.49 milepost inventory route I 10; Frontage Road

location 13.5 mi East Jct US 191 feature intersected Wash city/vicinity Bowie **USGS** quadrangle Bowie

district 84 **UTM** reference 12.650166.3575854

STRUCTURAL INFORMATION

main span number 5 main span type 219

appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

54.0 structure length substructure concrete abutments, wingwalls and piers

roadway width 36.0 floor/decking asphalt roadway

38.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1940 Arizona Highway Department

FAP 130-H(1) project number builder/contractor Tanner Construction Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1962 barrels added

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 05672

milepost 369.74 inventory route I 10; EB & WB

location13.7 mi East Jct US 191feature intersectedWashcity/vicinityBowieUSGS quadrangleBowie

district 84 **UTM reference** 12.650417.3575728

STRUCTURAL INFORMATION

 $\begin{array}{ccc} \text{main span number} & 5 & & \text{main span type} & & 219 \end{array}$

appr. span number $\ 0$ appr. span type degree of skew $\ 0$ guardrail type

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 53.0 **substructure** concrete abutments, wingwalls and piers

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date 1962 designer/engineer Arizona Highway Department

project number I-10-6(18) builder/contractor Ashton Building Company Inc., Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 11 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 06161

369.74 milepost inventory route I 10; Frontage Road

location 13.7 mi East Jct US 191 feature intersected Wash city/vicinity Bowie **USGS** quadrangle Bowie

district 84 **UTM** reference 12.650470.3575772

STRUCTURAL INFORMATION

main span number 5 main span type 219

appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

54.0 structure length substructure concrete abutments, wingwalls and piers

roadway width 36.0 floor/decking asphalt roadway

38.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1940 Arizona Highway Department

FAP 130-H(1) project number builder/contractor Tanner Construction Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1962 barrels added

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Holt Overpass

PROPERTY IDENTIFICATION

county Cochise inventory number 00691 370.00 milepost inventory route I 10; WB location 14.0 mi East Jct US 191 feature intersected Holt Road city/vicinity Bowie **USGS** quadrangle Bowie

district 84 **UTM reference** 12.650940.3575584

STRUCTURAL INFORMATION

structure length 91.0 **substructure** concrete abutments with concrete column piers

roadway width 40.0 floor/decking concrete deck with asphalt overlay

structure width 43.2 **other features** concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date1962designer/engineerW. Scott Merrill & Associatesproject numberI-10-6(18)builder/contractorAshton Building Company Inc., Tucson AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1991 alterations guardrails replaced with Jersey barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 12 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Holt Overpass

PROPERTY IDENTIFICATION

county Cochise inventory number 00690 370.00 milepost inventory route I 10; EB location 14.0 mi East Jct US 191 feature intersected Holt Road city/vicinity Bowie **USGS** quadrangle Bowie

district 84 **UTM reference** 12.650954.3575610

STRUCTURAL INFORMATION

structure length 91.0 **substructure** concrete abutments with concrete column piers

roadway width 40.0 floor/decking concrete deck with asphalt overlay

structure width 43.2 other features concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date1962designer/engineerW. Scott Merrill & Associatesproject numberI-10-6(18)builder/contractorAshton Building Company Inc., Tucson AZ

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1991 alterations guardrails replaced with Jersey barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 12 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____ signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 05674

milepost 370.23 inventory route I 10; EB & WB

location14.2 mi East Jct US 191feature intersectedWashcity/vicinityBowieUSGS quadrangleBowie

district 84 **UTM reference** 12.651248.3575518

STRUCTURAL INFORMATION

 $\begin{array}{ccc} \text{main span number} & 3 & & \text{main span type} & & 219 \end{array}$

 $\begin{array}{lll} \mbox{appr. span number} & 0 & \mbox{appr. span type} \\ \mbox{degree of skew} & 0 & \mbox{guardrail type} \end{array}$

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 32.0 **substructure** concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date 1962 designer/engineer Arizona Highway Department

project number I-10-6(18) builder/contractor Ashton Building Company Inc., Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 09 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 06162

milepost 370.23 inventory route I 10; Frontage Road

location14.2 mi East Jct US 191feature intersectedWashcity/vicinityBowieUSGS quadrangleBowie

district 84 **UTM reference** 12.651300.3575573

STRUCTURAL INFORMATION

main span number 4 main span type 219 appr. span number 0 appr. span type

degree of skew 0 guardrail type 0

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 35.0 **substructure** concrete abutments, wingwalls and piers

roadway width 36.0 floor/decking asphalt roadway

structure width 37.5 other features none

HISTORICAL INFORMATION

construction date 1940 designer/engineer Arizona Highway Department

project number FAP 130-H(1) builder/contractor Tanner Construction Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1962 alterations barrels added

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 12 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 06163

370.65 milepost inventory route I 10; Frontage Road

location 14.7 mi East Jct US 191 feature intersected Wash city/vicinity Bowie **USGS** quadrangle Bowie

district 84 **UTM** reference 12.651997.3575394

STRUCTURAL INFORMATION

main span number 5 main span type 219

appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

54.0 structure length substructure concrete abutments, wingwalls and piers

35.9 roadway width floor/decking asphalt roadway

37.9 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1940 Arizona Highway Department

FAP 130-H(1) project number builder/contractor Tanner Construction Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1962 one barrel added

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 05676

location14.7 mi East Jct US 191feature intersectedWashcity/vicinityBowieUSGS quadrangleBowie

district 84 **UTM reference** 12.651960.3575334

STRUCTURAL INFORMATION

main span number 5 main span type 219

 $\begin{array}{lll} \mbox{appr. span number} & 0 & \mbox{appr. span type} \\ \mbox{degree of skew} & 0 & \mbox{guardrail type} \end{array}$

 $\begin{tabular}{lll} {\bf main span length} & 10.0 & {\bf superstructure} & {\bf concrete \ box \ culvert} \\ \end{tabular}$

structure length 53.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date 1962 designer/engineer Arizona Highway Department

project numberI-10-6(18)builder/contractorAshton Building Company Inc., Tucson AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1975alterationstwo culverts extended to form single structure

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 01 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 06164

milepost 370.89 inventory route I 10; Frontage Road

location14.9 mi East Jct US 191feature intersectedWashcity/vicinityBowieUSGS quadrangleBowie

district 84 **UTM reference** 12.652360.3575286

STRUCTURAL INFORMATION

 $\begin{array}{ccc} \text{main span number} & 3 & & \text{main span type} & & 219 \end{array}$

appr. span number $\ 0$ appr. span type degree of skew $\ 0$ guardrail type $\ 0$

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 32.0 substructure concrete abutments, wingwalls and piers

roadway width 36.1 floor/decking asphalt roadway

structure width 38.1 other features none

HISTORICAL INFORMATION

construction date 1940 designer/engineer Arizona Highway Department

project number FAP 130-H(1) builder/contractor Tanner Construction Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 21 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 05678

milepost 370.89 inventory route I 10; EB & WB location 14.9 mi East Jct US 191 feature intersected Wash

city/vicinity Bowie USGS quadrangle Bowie

district 84 **UTM reference** 12.652362.3575237

STRUCTURAL INFORMATION

 $\begin{array}{ccc} \text{main span number} & 3 & & \text{main span type} & & 219 \end{array}$

appr. span number $\ 0$ appr. span type degree of skew $\ 0$ guardrail type

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 32.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date 1962 designer/engineer Arizona Highway Department

project numberI-10-6(18)builder/contractorAshton Building Company Inc., Tucson AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) 1975 alterations barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537 May 2009

,

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 06165

milepost 371.37 inventory route I 10; Frontage Road

location15.4 mi East Jct US 191feature intersectedWashcity/vicinityBowieUSGS quadrangleOlga

district 84 **UTM reference** 12.653084.3575107

STRUCTURAL INFORMATION

 $\begin{array}{lll} \text{main span number} & 4 & \text{main span type} & 219 \\ \text{appr. span number} & 0 & \text{appr. span type} & \end{array}$

main span length10.0superstructureconcrete box culvert

structure length 43.0 substructure concrete abutments, wingwalls and piers

roadway width 36.1 floor/decking asphalt roadway

structure width 38.1 other features none

HISTORICAL INFORMATION

construction date 1940 designer/engineer Arizona Highway Department

project number FAP 130-H(1) builder/contractor Tanner Construction Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 22 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 05680

milepost 371.37 inventory route I 10; EB & WB

district 84 **UTM reference** 12.653123.3575043

STRUCTURAL INFORMATION

main span number 4 main span type 219

 $\begin{array}{lll} \mbox{appr. span number} & 0 & \mbox{appr. span type} \\ \mbox{degree of skew} & 0 & \mbox{guardrail type} \end{array}$

 $\begin{tabular}{lll} {\bf main span length} & 10.0 & {\bf superstructure} & {\bf concrete \ box \ culvert} \\ \end{tabular}$

structure length 43.0 substructure concrete abutments, wingwalls and piers

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

 $\begin{array}{ccc} \text{structure width} & 0.0 & \text{other features} & \text{none} \end{array}$

HISTORICAL INFORMATION

construction date 1962 designer/engineer Arizona Highway Department

project numberI-10-6(18)builder/contractorAshton Building Company Inc., Tucson AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) 1975 **alterations** barrel extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

 $\begin{array}{ccc} \text{inventory score} & 00 & \text{NRHP eligibility} & \text{non-eligible} \end{array}$

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 06166

milepost 371.84 inventory route I 10; Frontage Road

district 84 **UTM reference** 12.653844.3574913

STRUCTURAL INFORMATION

main span number 4 main span type 219 appr. span number 0 appr. span type

degree of skew 0 guardrail type 0

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 43.0 substructure concrete abutments, wingwalls and piers

roadway width 36.0 floor/decking asphalt roadway

structure width 38.0 other features none

HISTORICAL INFORMATION

construction date 1940 designer/engineer Arizona Highway Department

project number FAP 130-H(1) builder/contractor Tanner Construction Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 22 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 05682

location15.8 mi East Jct US 191feature intersectedWashcity/vicinityBowieUSGS quadrangleOlga

district 84 **UTM reference** 12.653893.3574897

STRUCTURAL INFORMATION

main span number 4 main span type 219

 $\begin{array}{lll} \mbox{appr. span number} & 0 & \mbox{appr. span type} \\ \mbox{degree of skew} & 0 & \mbox{guardrail type} \end{array}$

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 43.0 substructure concrete abutments, wingwalls and piers

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date 1962 designer/engineer Arizona Highway Department

project number I-10-6(25) builder/contractor Ashton Building Company Inc., Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1975 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

 $\begin{array}{ccc} \text{inventory score} & 00 & \text{NRHP eligibility} & \text{non-eligible} \end{array}$

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 05684

372.41 milepost inventory route I 10; EB & WB

location 16.4 mi East Jct US 191 feature intersected Wash city/vicinity Bowie **USGS** quadrangle Olga

district 84 **UTM** reference 12.654710.3574650

STRUCTURAL INFORMATION

main span number 6 main span type 219

appr. span number 0 appr. span type degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

structure length 64.0 substructure concrete abutments, wingwalls and piers

0.0 roadway width floor/decking asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1962 Arizona Highway Department

I-10-6(25) project number builder/contractor Ashton Building Company Inc., Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1975 barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score 02

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

Culvert

06167

PROPERTY IDENTIFICATION

county Cochise inventory number

372.41 milepost inventory route I 10; Frontage Road

location 16.4 mi East Jct US 191 feature intersected Wash city/vicinity Bowie **USGS** quadrangle Olga

district 84 **UTM** reference 12.654730.3574694

STRUCTURAL INFORMATION

main span number 6 main span type 219

appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

structure length 65.0 substructure concrete abutments, wingwalls and piers

roadway width 36.1 floor/decking asphalt roadway

38.1 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1940 Arizona Highway Department

FAP 130-H(1) project number builder/contractor Tanner Construction Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1962 barrels added

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible

inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Olga Overpass

PROPERTY IDENTIFICATION

countyCochiseinventory number00693milepost372.62inventory routeI 10; WBlocation16.6 mi East Jct US 191feature intersectedOlga Road

city/vicinity San Simon USGS quadrangle Olga

district 84 **UTM reference** 12.655073.3574564

STRUCTURAL INFORMATION

main span length 34.0 superstructure concrete slab structure length 91.0 substructure concrete abut

structure length 91.0 substructure concrete abutments with concrete column piers roadway width 39.5 floor/decking concrete deck with asphalt overlay

structure width 43.2 other features concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date1963designer/engineerW. Scott Merrill & Associatesproject numberI-10-6(25)builder/contractorAshton Building Company Inc., Tucson AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1991 alterations guardrails replaced with Jersey barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 12 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Olga Overpass

PROPERTY IDENTIFICATION

county Cochise inventory number 00692 372.62 milepost inventory route I 10; EB location 16.6 mi East Jct US 191 feature intersected Olga Road city/vicinity San Simon **USGS** quadrangle Olga

district 84 **UTM reference** 12.655068.3574536

STRUCTURAL INFORMATION

structure length 91.0 substructure concrete abutments with concrete column piers

roadway width 39.5 floor/decking concrete deck with asphalt overlay

structure width 43.2 other features concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date1963designer/engineerW. Scott Merrill & Associatesproject numberI-10-6(25)builder/contractorAshton Building Company Inc., Tucson AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1991 alterations guardrails replaced with Jersey barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 12 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 05686

milepost 373.15 inventory route I 10; EB & WB

district 84 **UTM reference** 12.655927.3574328

STRUCTURAL INFORMATION

 $\begin{array}{ccc} \text{main span number} & 6 & & \text{main span type} & & 219 \end{array}$

 $\begin{array}{lll} \mbox{appr. span number} & 0 & \mbox{appr. span type} \\ \mbox{degree of skew} & 0 & \mbox{guardrail type} \end{array}$

structure length 65.0 substructure concrete abutments, wingwalls and piers

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date 1962 designer/engineer Arizona Highway Department

 project number
 I-10-6(25)
 builder/contractor
 Ashton Building Company Inc., Tucson AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) 1975 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 02 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 06168

milepost 373.15 inventory route I 10; Frontage Road

district 84 **UTM reference** 12.655942.3574387

STRUCTURAL INFORMATION

main span number 6 main span type 219

appr. span number $\ 0$ appr. span type degree of skew $\ 0$ guardrail type $\ 0$

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 65.0 **substructure** concrete abutments, wingwalls and piers

roadway width 36.0 floor/decking asphalt roadway

structure width 38.0 other features none

HISTORICAL INFORMATION

construction date 1940 designer/engineer Arizona Highway Department

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 20 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 05688

373.39 milepost inventory route I 10; EB & WB

location 17.4 mi East Jct US 191 feature intersected Wash Olga city/vicinity San Simon **USGS** quadrangle

district **UTM** reference 12.656247.3574250

STRUCTURAL INFORMATION

main span number 4 main span type 219

appr. span number 0 appr. span type degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

structure length 43.0 substructure concrete abutments, wingwalls and piers

0.0 roadway width floor/decking asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1962 Arizona Highway Department

I-10-6(25) project number builder/contractor Ashton Building Company Inc., Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1975 barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 06170

373.39 milepost inventory route I 10; Frontage Road

location 17.4 mi East Jct US 191 feature intersected Wash city/vicinity San Simon **USGS** quadrangle Olga

district **UTM** reference 12.656252.3574306

STRUCTURAL INFORMATION

main span number 4 main span type 219

appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

structure length 44.0 substructure concrete abutments, wingwalls and piers

floor/decking roadway width 36.0 asphalt roadway

38.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1940 Arizona Highway Department

FAP 130-G(1) project number builder/contractor Jack A. Casson Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation alterations

alteration date(s) 1962 1975 barrels extended and added

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 06172

milepost 373.91 inventory route I 10; Frontage Road

district 84 **UTM reference** 12.657062.3574102

STRUCTURAL INFORMATION

main span number 5 main span type 219

appr. span number $\ 0$ appr. span type degree of skew $\ 0$ guardrail type $\ 0$

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 46.0 substructure concrete abutments, wingwalls and piers

roadway width 36.1 floor/decking asphalt roadway

structure width 37.6 other features none

HISTORICAL INFORMATION

construction date 1940 designer/engineer Arizona Highway Department

project numberFAP 130-G(1)builder/contractorJack A. Casson Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) 1962 alterations barrels added

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 09 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 05690

373.91 milepost inventory route I 10; EB & WB

location 17.9 mi East Jct US 191 feature intersected Wash city/vicinity San Simon **USGS** quadrangle Olga

district **UTM** reference 12.657046.3574047

STRUCTURAL INFORMATION

main span number 4 main span type 219

appr. span number 0 appr. span type degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

structure length 43.0 substructure concrete abutments, wingwalls and piers

0.0 roadway width floor/decking asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1962 Arizona Highway Department

I-10-6(25) project number builder/contractor Ashton Building Company Inc., Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1975 barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise in

milepost 374.28

location 18.3 mi East Jct US 191

city/vicinity San Simon

district 84

inventory number 06173

inventory route

I 10; Frontage Road

feature intersected Wash

USGS quadrangle Olga

UTM reference

12.657638.3573960

STRUCTURAL INFORMATION

main span number 3
appr. span number 0
degree of skew 0

main span length 10.0

structure length 32.0 roadway width 36.0

structure width 38.0

main span type

appr. span type

guardrail type 0

superstructure concrete box culvert

substructure

concrete abutments, wingwalls and piers

floor/decking asphalt roadway

219

other features none

HISTORICAL INFORMATION

construction date 1940 project number FAP 130-G(1)

 $\textbf{information source} \ \ \mathrm{ADOT} \ bridge \ records$

alteration date(s)

designer/engineer builder/contractor

structure owner alterations

Arizona Highway Department

Jack A. Casson Company, Phoenix AZ Arizona Department of Transportation

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 17 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 05692

374.28 milepost inventory route I 10; EB & WB

location 18.3 mi East Jct US 191 feature intersected Wash city/vicinity San Simon **USGS** quadrangle Olga

district **UTM** reference 12.657640.3573900

STRUCTURAL INFORMATION

main span number 3 main span type 219

appr. span number 0 appr. span type degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

structure length 32.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1962 Arizona Highway Department

I-10-6(25) project number builder/contractor Ashton Building Company Inc., Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1975 barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score 00

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 05694

location18.7 mi East Jct US 191feature intersectedWashcity/vicinitySan SimonUSGS quadrangleOlga

district 84 **UTM** reference 12.658253.3573740

STRUCTURAL INFORMATION

 $\begin{array}{ccc} \text{main span number} & 5 & & \text{main span type} & & 219 \end{array}$

 $\begin{array}{lll} \mbox{appr. span number} & 0 & \mbox{appr. span type} \\ \mbox{degree of skew} & 0 & \mbox{guardrail type} \end{array}$

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 53.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

 $\begin{array}{ccc} \text{structure width} & 0.0 & \text{other features} & \text{none} \end{array}$

HISTORICAL INFORMATION

construction date 1962 designer/engineer Arizona Highway Department

project numberI-10-6(25)builder/contractorAshton Building Company Inc., Tucson AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) 1975 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 01 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 06174

milepost 374.68 inventory route I 10; Frontage Road

district 84 **UTM reference** 12.658274.3573796

STRUCTURAL INFORMATION

main span number 5 main span type 219

appr. span number $\ 0$ appr. span type degree of skew $\ 0$ guardrail type $\ 0$

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 55.0 substructure concrete abutments, wingwalls and piers

roadway width 36.0 floor/decking asphalt roadway

structure width 38.0 other features none

HISTORICAL INFORMATION

construction date 1940 designer/engineer Arizona Highway Department

project numberFAP 130-G(1)builder/contractorJack A. Casson Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) 1962 alterations barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 09 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 06175

milepost 374.91 inventory route I 10; Frontage Road

district 84 **UTM reference** 12.658632.3573710

STRUCTURAL INFORMATION

main span number 5 main span type 219

appr. span number $\ 0$ appr. span type degree of skew $\ 0$ guardrail type $\ 0$

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 55.0 **substructure** concrete abutments, wingwalls and piers

roadway width 35.0 floor/decking asphalt roadway

structure width 37.0 other features none

HISTORICAL INFORMATION

construction date 1940 designer/engineer Arizona Highway Department

project numberFAP 130-G(1)builder/contractorJack A. Casson Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) 1962 alterations barrels added

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 09 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 05696

location18.9 mi East Jct US 191feature intersectedWashcity/vicinitySan SimonUSGS quadrangleOlga

district 84 **UTM reference** 12.658610.3573655

STRUCTURAL INFORMATION

 $\begin{array}{ccc} \text{main span number} & 5 & & \text{main span type} & & 219 \end{array}$

 $\begin{array}{lll} \mbox{appr. span number} & 0 & \mbox{appr. span type} \\ \mbox{degree of skew} & 0 & \mbox{guardrail type} \end{array}$

structure length 55.0 substructure concrete abutments, wingwalls and piers

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date 1962 designer/engineer Arizona Highway Department

project number I-10-6(25) builder/contractor Ashton Building Company Inc., Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1975 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 01 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

BRIDGE INVENTORY HISTORIC

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 05698

375.61 milepost inventory route I 10; EB & WB

location 19.6 mi East Jct US 666 feature intersected Wash city/vicinity San Simon **USGS** quadrangle Olga

district **UTM** reference 12.659720.3573380

STRUCTURAL INFORMATION

main span number 6 main span type 219

appr. span number 0 appr. span type degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

structure length 64.0 substructure concrete abutments, wingwalls and piers

0.0 roadway width floor/decking asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1962 Arizona Highway Department

I-10-6(25) project number builder/contractor Ashton Building Company Inc., Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1975 barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

NRHP eligibility non-eligible inventory score 02

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 06176

milepost 375.61 inventory route I 10; Frontage Road

district 84 **UTM reference** 12.659747.3573424

STRUCTURAL INFORMATION

 $\begin{array}{lll} \mbox{main span number} & 6 & \mbox{main span type} & 219 \\ \mbox{appr. span number} & 0 & \mbox{appr. span type} & \end{array}$

degree of skew 0 guardrail type 0

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 64.0 substructure concrete abutments, wingwalls and piers

roadway width 35.0 floor/decking asphalt roadway

structure width 37.0 other features none

HISTORICAL INFORMATION

construction date 1962 designer/engineer Arizona Highway Department

project number I-10-6(25) builder/contractor Ashton Building Company Inc., Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 12 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 06177

milepost 376.20 inventory route I 10; Frontage Road

district 84 **UTM reference** 12.660665.3573200

STRUCTURAL INFORMATION

 $\begin{array}{lll} \mbox{main span number} & 4 & \mbox{main span type} & 219 \\ \mbox{appr. span number} & 0 & \mbox{appr. span type} & \end{array}$

 $\mbox{degree of skew} \qquad 0 \qquad \qquad \mbox{guardrail type} \qquad 0$

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 37.0 substructure concrete abutments, wingwalls and piers

roadway width 35.0 floor/decking asphalt roadway

structure width 38.0 other features none

HISTORICAL INFORMATION

construction date 1940 designer/engineer Arizona Highway Department

project numberFAP 130-G(1)builder/contractorJack A. Casson Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) 1966 alterations barrels added

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 08 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

06178

PROPERTY IDENTIFICATION

county Cochise inventory number

milepost 376.63 inventory route I 10; Frontage Road

district 84 **UTM reference** 12.661334.3573026

STRUCTURAL INFORMATION

 $\begin{array}{lll} \mbox{main span number} & 4 & \mbox{main span type} & 219 \\ \mbox{appr. span number} & 0 & \mbox{appr. span type} & \end{array}$

 $\mbox{degree of skew} \qquad 0 \qquad \qquad \mbox{guardrail type} \qquad 0$

main span length10.0superstructureconcrete box culvert

structure length 37.0 substructure concrete abutments, wingwalls and piers

roadway width 35.0 floor/decking asphalt roadway

structure width 38.0 other features none

HISTORICAL INFORMATION

construction date 1940 designer/engineer Arizona Highway Department

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 18 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 06181

milepost 378.07 inventory route I 10; Frontage Road

district 84 **UTM reference** 12.663580.3572462

STRUCTURAL INFORMATION

 $\begin{array}{ccc} \text{main span number} & 3 & & \text{main span type} & & 219 \end{array}$

appr. span number $\ 0$ appr. span type degree of skew $\ 0$ guardrail type $\ 0$

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 24.0 substructure concrete abutments, wingwalls and piers

roadway width 36.1 floor/decking asphalt roadway

structure width 38.1 other features none

HISTORICAL INFORMATION

construction date 1940 designer/engineer Arizona Highway Department

project numberFAP 130-G(1)builder/contractorJack A. Casson Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) 1966 alterations one barrel added

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 07 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537 May 2009

lay 2009

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 06182

milepost 378.60 inventory route I 10; Frontage Road

district 84 **UTM reference** 12.664433.3572237

STRUCTURAL INFORMATION

main span number 4 main span type 219

appr. span number $\ 0$ appr. span type degree of skew $\ 0$ guardrail type $\ 0$

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 36.0 substructure concrete abutments, wingwalls and piers

roadway width 36.0 floor/decking asphalt roadway

structure width 38.0 other features none

HISTORICAL INFORMATION

construction date 1940 designer/engineer Arizona Highway Department project number FAP 130-G(1) builder/contractor Jack A. Casson Company, Phoe

project numberFAP 130-G(1)builder/contractorJack A. Casson Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) 1966 alterations barrels added

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 08 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 06141 379.45 milepost inventory route SB 10 location 27.1 mi E Jct US 191 feature intersected Wash city/vicinity San Simon **USGS** quadrangle San Simon

district 84 **UTM reference** 12.665760.3571734

STRUCTURAL INFORMATION

main span length10.0superstructureconcrete box culvertstructure length24.0substructureconcrete abutments, wingwalls and piers

roadway width 36.0 floor/decking asphalt roadway

structure width 38.0 other features none

HISTORICAL INFORMATION

construction date 1939 designer/engineer Arizona Highway Department

project numberFAP 130-Cbuilder/contractorTanner Construction Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) 1966 **alterations** one barrel added

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 15 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

BRIDGE INVENTORY HISTORIC

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 05227 381.30 milepost inventory route SB 10 location 30.0 mi E Jct US 191 feature intersected Wash city/vicinity San Simon **USGS** quadrangle San Simon

district **UTM** reference 12.668599.3570940

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

21.0 structure length substructure concrete abutments, wingwalls and pier floor/decking asphalt roadway

roadway width 38.6

40.6 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1939 Arizona Highway Department FAP 130-C

project number builder/contractor Tanner Construction Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

inventory score 20 NRHP eligibility non-eligible

NRHP criteria В C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

San Simon River Bridge

PROPERTY IDENTIFICATION

countyCochiseinventory number00230milepost381.50inventory routeSR B 10location30.2 mi E Jct US 191feature intersectedSan Simon River

city/vicinitySan SimonUSGS quadrangleSan Simondistrict84UTM reference12.668936.3570850

STRUCTURAL INFORMATION

main span length 30.0 superstructure concrete slab

structure length 180.0 **substructure** concrete abutments with concrete column piers

roadway width 34.0 floor/decking concrete deck with asphalt overlay

structure width 37.0 **other features** concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date 1939 designer/engineer Arizona Highway Department

project numberFAP 130-Cbuilder/contractorTanner Construction Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1987alterationsguardrails replaced with Jersey barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 36 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Wash Bridge

PROPERTY IDENTIFICATION

county Cochise inventory number 00231 381.92 milepost inventory route SR B 10 location 30.6 mi E Jct US 191 feature intersected Waterway city/vicinity San Simon **USGS** quadrangle San Simon

district 84 **UTM reference** 12.669590.3570698

STRUCTURAL INFORMATION

main span length 25.0 superstructure concrete slab structure length 112.0 substructure concrete abutments with concrete column piers

roadway width 34.0 floor/decking concrete deck with asphalt overlay

structure width 37.0 other features concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date 1939 designer/engineer Arizona Highway Department

project numberFAP 130-Cbuilder/contractorTanner Construction Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1987alterationsguardrails replaced with Jersey barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 22 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537 May 2009

,

Culvert

05720

PROPERTY IDENTIFICATION

county Cochise inventory number

 $\begin{tabular}{ll} \textbf{milepost} & 387.56 & \textbf{inventory route} & I~10; EB~\&~WB \\ \end{tabular}$

location31.6 mi East Jct US 191feature intersectedWashcity/vicinitySan SimonUSGS quadrangleVanar

district 84 **UTM reference** 12.678227.3568735

STRUCTURAL INFORMATION

 $\begin{array}{ccc} \text{main span number} & 4 & & \text{main span type} & & 219 \end{array}$

 $\begin{array}{lll} \mbox{appr. span number} & 0 & \mbox{appr. span type} \\ \mbox{degree of skew} & 30 & \mbox{guardrail type} \end{array}$

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 50.0 **substructure** concrete abutments, wingwalls and piers

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date 1961 designer/engineer Arizona Highway Department

project number I-10-6(20) builder/contractor L.M. White Contracting Company, Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 10 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Vanar Wash Culvert

PROPERTY IDENTIFICATION

countyCochiseinventory number05722milepost387.65inventory routeI 10; EBlocation31.7 mi East Jct US 191feature intersectedVanar Wash

city/vicinity San Simon USGS quadrangle Vanar

district 84 **UTM reference** 12.678363.3568688

STRUCTURAL INFORMATION

 $\begin{array}{lll} \text{main span number} & 8 & \text{main span type} & 219 \\ \text{appr. span number} & 0 & \text{appr. span type} & \end{array}$

degree of skew 30 guardrail type

 $\begin{tabular}{lll} {\bf main span length} & 10.0 & {\bf superstructure} & {\bf concrete \ box \ culvert} \\ \end{tabular}$

structure length 100.0 substructure concrete abutments, wingwalls and piers

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date 1961 designer/engineer Arizona Highway Department

project number I-10-6(20) builder/contractor L.M. White Contracting Company, Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 14 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Island Wash Bridge

PROPERTY IDENTIFICATION

county Cochise inventory number 00658 389.38 milepost inventory route I 10; EB location 33.4 mi East Jct US 191 feature intersected Island Wash city/vicinity San Simon **USGS** quadrangle Vanar

district 84 **UTM reference** 12.681080.3568010

STRUCTURAL INFORMATION

structure length 111.0 **substructure** concrete abutments and wingwalls with concrete

column piers

roadway width 38.0 floor/decking concrete deck with asphalt overlay

structure width 43.2 **other features** concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date1961designer/engineerHoffman-Miller Engineers, Phoenix AZproject numberI-10-6(20)builder/contractorL.M. White Contracting Company, Tucson AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1986alterationsguardrails replaced with Jersey barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 13 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537 May 2009

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BRIDGE INVENTORY HISTORIC

Island Wash Bridge

PROPERTY	IDENTIFICATION	

county Cochise inventory number 00210 389.38 milepost inventory route I 10; WB location 33.4 mi East Jct US 191 feature intersected Island Wash city/vicinity San Simon **USGS** quadrangle Vanar

district **UTM** reference 12.681195.3568192

STRUCTURAL INFORMATION

main span number 4 main span type 201 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete slab main span length 25.0 superstructure 101.0 structure length substructure

concrete abutments and wingwalls with concrete column piers

34.0 concrete deck with asphalt overlay roadway width floor/decking

concrete Jersey barrier guardrails with Thrie beams structure width 37.0 other features

at approaches

HISTORICAL INFORMATION

construction date 1938 designer/engineer Arizona Highway Department

project number FAP 130-B builder/contractor Packard Contracting Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1974 1986 alterations guardrails replaced, twice

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 22 NRHP eligibility non-eligible

NRHP criteria C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 05725 390.59 milepost inventory route I 10; WB location 34.6 mi East Jct US 191 feature intersected Wash city/vicinity San Simon **USGS** quadrangle Vanar

district 84 **UTM reference** 12.682977.3567623

STRUCTURAL INFORMATION

main span number6main span type219appr. span number0appr. span typedegree of skew0guardrail typemain span length10.0superstructureconcrete box culvertstructure length64.0substructureconcrete abutments, wingwalls and piers

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date 1938 designer/engineer Arizona Highway Department

 project number
 FAP 130-B
 builder/contractor
 Packard Contracting Company, Phoenix AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) 1961 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 14 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 05724 390.59 milepost inventory route I 10; EB location 34.6 mi East Jct US 191 feature intersected Wash city/vicinity San Simon **USGS** quadrangle Vanar

district 84 **UTM reference** 12.682945.3567552

STRUCTURAL INFORMATION

main span number 6 main span type 219
appr. span number 0 appr. span type
degree of skew 0 guardrail type

main span length10.0superstructureconcrete box culvertstructure length64.0substructureconcrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1961 designer/engineer Arizona Highway Department

project numberI-10-6(20)builder/contractorL.M. White Contracting Company, Tucson AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

 alteration date(s)
 ca1980
 alterations
 Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 02 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Cavot Overpass

PROPERTY IDENTIFICATION

county Cochise inventory number 00647 390.77 milepost inventory route I 10; WB location 34.8 mi East Jct US 191 feature intersected Cavot Road city/vicinity San Simon **USGS** quadrangle Vanar

district 84 **UTM reference** 12.683238.3567540

STRUCTURAL INFORMATION

main span number 3 main span type 201 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete slab 34.0 superstructure main span length structure length 91.0 substructure concrete abutments with concrete column piers roadway width 38.0 floor/decking concrete deck with asphalt overlay solid concrete guardrails with aluminum tubes 43.2 structure width other features

HISTORICAL INFORMATION

construction date1962designer/engineerHoffman-Miller Engineers, Phoenix AZproject numberI-10-6(20)builder/contractorL.M. White Contracting Company, Tucson AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 22 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Cavot Overpass

PROPERTY IDENTIFICATION

county Cochise inventory number 00648 390.77 milepost inventory route I 10; EB location 34.8 mi East Jct US 191 feature intersected Cavot Road city/vicinity San Simon **USGS** quadrangle Vanar

district 84 **UTM reference** 12.683230.3567465

STRUCTURAL INFORMATION

main span number 3 main span type 201 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete slab 34.0 superstructure main span length structure length 91.0 substructure concrete abutments with concrete column piers roadway width 38.0 floor/decking concrete deck with asphalt overlay

structure width 43.4 other features solid concrete guardrails with aluminum tubes

HISTORICAL INFORMATION

 construction date
 1962
 designer/engineer
 Hoffman-Miller Engineers, Phoenix AZ

 project number
 I-10-6(20)
 builder/contractor
 L.M. White Contracting Company, Tucson AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

 alteration date(s)
 alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 22 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Big Bend Wash Culvert

PROPERTY IDENTIFICATION

county Mohave inventory number 05727 5.20 milepost inventory route I 15; SB location 24.2 mi S Utah Bdry feature intersected Big Bend Wash city/vicinity Littlefield **USGS** quadrangle Elbow Canyon district **UTM** reference 12.234530.4083613

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type degree of skew guardrail type concrete box culvert 10.0 superstructure main span length structure length 24.0 substructure concrete abutments, wingwalls and pier roadway width 0.0 floor/decking asphalt roadway steel Thrie beam guardrails 0.0 structure width other features

HISTORICAL INFORMATION

construction date1962designer/engineerArizona Highway Departmentproject numberI-15-1(5)builder/contractorVinnell Company Inc., Alhambra CAinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)ca1980alterationsThrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Big Bend Wash Culvert

PROPERTY IDENTIFICATION

county Mohave inventory number 05726 5.20 milepost inventory route I 15; NB location 24.2 mi S Utah Bdry feature intersected Big Bend Wash city/vicinity Littlefield **USGS** quadrangle Elbow Canyon district **UTM** reference 12.234540.4083548

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type degree of skew guardrail type concrete box culvert 10.0 superstructure main span length structure length 24.0 substructure concrete abutments, wingwalls and pier roadway width 0.0 floor/decking asphalt roadway steel Thrie beam guardrails 0.0 structure width other features

HISTORICAL INFORMATION

construction date1962designer/engineerArizona Highway Departmentproject numberI-15-1(5)builder/contractorVinnell Company Inc., Alhambra CAinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)ca1980alterationsThrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

countyMohaveinventory number05729milepost5.75inventory routeI 15; SBlocation23.6 mi S Utah Bdryfeature intersectedWash

city/vicinityLittlefieldUSGS quadrangleElbow Canyondistrict85UTM reference12.235207.4084113

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert structure length 31.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date1962designer/engineerArizona Highway Departmentproject numberI-15-1(5)builder/contractorVinnell Company Inc., Alhambra CAinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)ca1980alterationsThrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

city/vicinityLittlefieldUSGS quadrangleElbow Canyondistrict85UTM reference12.235243.4084068

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert structure length 31.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date1962designer/engineerArizona Highway Departmentproject numberI-15-1(5)builder/contractorVinnell Company Inc., Alhambra CAinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)ca1980alterationsThrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Mohave inventory number 05731 7.16 milepost inventory route I 15; SB location 22.2 mi S Utah Bdry feature intersected Wash city/vicinity Littlefield **USGS** quadrangle Littlefield

district 85 **UTM reference** 12.237053.4085493

STRUCTURAL INFORMATION

structure length 21.0 **substructure** concrete abutments, wingwalls and pier

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

structure width 0.0 other features none

HISTORICAL INFORMATION

 construction date
 1962
 designer/engineer
 Arizona Highway Department

 project number
 I-15-1(5)
 builder/contractor
 Vinnell Company Inc., Alhambra CA

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) 1980 alterations barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Mohave inventory number 05730 7.16 milepost inventory route I 15; NB location 22.2 mi S Utah Bdry feature intersected Wash city/vicinity Littlefield **USGS** quadrangle Littlefield

district 85 **UTM reference** 12.237090.4085438

STRUCTURAL INFORMATION

 $\begin{array}{lll} \mbox{main span number} & 2 & \mbox{main span type} & 219 \\ \mbox{appr. span number} & 0 & \mbox{appr. span type} & \end{array}$

degree of skew 0 guardrail type

main span length 10.0 superstructure concrete box culvert structure length 21.0 substructure concrete abutments, wingwalls and pier

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 other features none

HISTORICAL INFORMATION

 construction date
 1962
 designer/engineer
 Arizona Highway Department

 project number
 I-15-1(5)
 builder/contractor
 Vinnell Company Inc., Alhambra CA

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) 1980 alterations barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

16th Street Overpass

PROPERTY IDENTIFICATION

county Maricopa inventory number 00731 195.08 milepost inventory route I 17; NB-SB location 1.1 mi W Jct I 10 feature intersected 16th Street city/vicinity Phoenix **USGS** quadrangle Phoenix

district 78 **UTM reference** 12.402584.3699137

STRUCTURAL INFORMATION

 main span length
 49.0
 superstructure
 prestressed concrete deck girder

 structure length
 104.0
 substructure
 concrete abutments and pier

roadway width 105.8 floor/decking concrete deck

structure width 113.2 **other features** solid concrete guardrails with aluminum tubes

HISTORICAL INFORMATION

construction date1962designer/engineerArizona Highway Departmentproject numberI-10-3(11)builder/contractorVinnell Company Inc., Alhambra CAinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)19801984alterationstwo bridges widened to form single structure

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 06 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

7th Street Overpass

PROPERTY IDENTIFICATION

county Maricopa inventory number 00729 milepost 196.11 inventory route I 17 location 2.1 mi W Jct I 10 feature intersected 7th Street city/vicinity Phoenix **USGS** quadrangle Phoenix

district 78 **UTM reference** 12.400982.3699338

STRUCTURAL INFORMATION

main span number 2 main span type 502
appr. span number 0 appr. span type
degree of skew 8 guardrail type 8

 main span length
 50.0
 superstructure
 prestressed concrete deck girder

 structure length
 105.0
 substructure
 concrete abutments and pier

roadway width 105.8 floor/decking concrete deck

structure width 113.2 **other features** solid concrete guardrails with aluminum tubes

HISTORICAL INFORMATION

construction date1962designer/engineerArizona Highway Departmentproject numberI-10-3(11)builder/contractorVinnell Company Inc., Alhambra CAinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1984alterationstwo bridges widened to form single structure

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 09 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

3rd Street Railroad Overpass

PROPERTY IDENTIFICATION

countyMaricopainventory number00727milepost196.38inventory routeI 17

location 2.4 mi W Jct I 10 feature intersected Southern Pacific Railroad

city/vicinity Phoenix USGS quadrangle Phoenix

district 78 **UTM reference** 12.400597.3699266

STRUCTURAL INFORMATION

main span length42.0superstructureprestressed concrete deck girderstructure length122.0substructureconcrete abutments and piers

roadway width 113.8 floor/decking concrete deck

structure width 121.2 **other features** solid concrete guardrails with aluminum tubes

HISTORICAL INFORMATION

construction date1962designer/engineerArizona Highway Departmentproject numberI-10-3(12)builder/contractorVinnell Company Inc., Alhambra CAinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1984alterationstwo bridges widened to form single structure

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 07 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Central Avenue Overpass

PROPERTY IDENTIFICATION

county Maricopa inventory number 00725 milepost 196.64 inventory route I 17; NB-SB location 2.6 mi W Jct I 10 feature intersected Central Avenue city/vicinity Phoenix **USGS** quadrangle Phoenix

district 78 **UTM reference** 12.400185.3699297

STRUCTURAL INFORMATION

main span length118.0superstructuresteel I-beam stringerstructure length122.0substructureconcrete abutmentsroadway width105.8floor/deckingconcrete deck

structure width 113.3 **other features** solid concrete guardrails with aluminum tubes

HISTORICAL INFORMATION

construction date1962designer/engineerArizona Highway Departmentproject numberI-10-3(11)builder/contractorVinnell Company Inc., Alhambra CAinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1984alterationstwo bridges widened to form single structure

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 10 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement long-span example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

7th Avenue Overpass

PROPERTY IDENTIFICATION

county Maricopa inventory number 00723 196.90 milepost inventory route I 17 location 2.9 mi W Jct I 10 feature intersected 7th Avenue city/vicinity Phoenix **USGS** quadrangle Phoenix

district 78 **UTM** reference 12.399368.3699397

STRUCTURAL INFORMATION

main span number 2 main span type 502 appr. span number 0 appr. span type degree of skew guardrail type 51.0 superstructure

prestressed concrete deck girder main span length 104.0 structure length substructure concrete abutments and pier

roadway width 105.8 floor/decking concrete deck

solid concrete guardrails with aluminum tubes 113.0 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1960 Arizona Highway Department I-10-3(7) project number builder/contractor Mardian Construction Company information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1984 two bridges widened to form single structure

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score 09

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

11th Avenue Overpass

PROPERTY IDENTIFICATION

countyMaricopainventory number00721milepost197.17inventory routeI 17

location 3.2 mi W Jct I 10 feature intersected 11th Ave & SPRR

city/vicinity Phoenix USGS quadrangle Phoenix

district 78 **UTM reference** 12.398973.3699434

STRUCTURAL INFORMATION

main span length66.0superstructuresteel I-beam stringerstructure length70.0substructureconcrete abutmentsroadway width113.8floor/deckingconcrete deck

structure width 121.2 other features solid concrete guardrails with aluminum tubes

HISTORICAL INFORMATION

construction date1959designer/engineerJohanessen, Girand, Miller & Karanproject numberI-10-3(8)builder/contractorAshton Building Company Inc., Tucson AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1984alterationstwo bridges widened to form single structure

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 12 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

15th Avenue Overpass

PROPERTY IDENTIFICATION

county Maricopa inventory number 00719 197.43 milepost inventory route I 17

location 3.4 mi W Jct I 10 feature intersected 15th Avenue city/vicinity Phoenix **USGS** quadrangle Phoenix

district 78 **UTM** reference 12.398567.3699428

STRUCTURAL INFORMATION

main span number 2 main span type 502 appr. span number 0 appr. span type degree of skew guardrail type

prestressed concrete deck girder main span length 49.0 superstructure 104.0 structure length substructure concrete abutments and pier

roadway width 105.8 floor/decking concrete deck

steel beam guardrails with concrete bulkheads 113.0 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1960 Arizona Highway Department I-10-3(7) project number builder/contractor Mardian Construction Company information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1984 two bridges widened to form single structure

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537 May 2009

FRASER DESIGN

19th Avenue Overpass

PROPERTY IDENTIFICATION

county Maricopa inventory number 00717
milepost 197.97 inventory route I 17

district 78 **UTM reference** 12.397764.3699360

STRUCTURAL INFORMATION

main span number 2 main span type 502 appr. span number 0 appr. span type

degree of skew3guardrail type8main span length49.0superstructureprestressed concrete deck girderstructure length104.0substructureconcrete abutments and pier

roadway width 115.3 floor/decking concrete deck

structure width 122.4 **other features** steel beam guardrails with concrete bulkheads

HISTORICAL INFORMATION

 construction date
 1960
 designer/engineer
 Arizona Highway Department

 project number
 I-10-3(7)
 builder/contractor
 Mardian Construction Company

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) 1984 alterations two bridges widened to form single structure

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 06 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

BRIDGE INVENTORY HISTORIC

Buckeye Road Underpass

PROPERTY IDENTIFICATION

county Maricopa inventory number 00607

198.84 milepost inventory route Buckeye Road location 4.8 mi N Jct I 10 feature intersected Interstate 17 city/vicinity Phoenix **USGS** quadrangle Phoenix

district 78 **UTM** reference 12.396993.3700262

STRUCTURAL INFORMATION

main span number 2 main span type 502 appr. span number 0 appr. span type

6 degree of skew guardrail type

prestressed concrete deck girder 55.0 superstructure main span length structure length 116.0 substructure concrete abutments and pier roadway width 76.0 floor/decking concrete deck

92.0 concrete Jersey barrier guardrails structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1960 Arizona Highway Department

project number I-17-1(12) builder/contractor Ashton Building Company Inc., Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations

1991 1997 girders replaced; guardrails replaced with Jersey

barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 11 NRHP eligibility non-eligible

> **NRHP** criteria C

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign

420 South County Road 23E Loveland, Colorado 80537

May 2009

Grant Street Underpass

PROPERTY IDENTIFICATION

county Maricopa inventory number 00555 199.15 milepost inventory route Grant Street location 5.2 mi N of Jct I 10 feature intersected Interstate 17 city/vicinity Phoenix **USGS** quadrangle Phoenix

district 78 **UTM reference** 12.397004.3700754

STRUCTURAL INFORMATION

main span number 2 main span type 502 appr. span number 0 appr. span type degree of skew guardrail type prestressed concrete deck girder 55.0 superstructure main span length structure length 116.0 substructure concrete abutments and pier roadway width 66.4 floor/decking concrete deck

structure width 92.0 other features concrete Jersey barrier guardrails

HISTORICAL INFORMATION

construction date1959designer/engineerArizona Highway Departmentproject numberI-17-1(11)builder/contractorMardian Construction Companyinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1992alterationsguardrails replaced with Jersey barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 09 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Southern Pacific Railroad Underpass

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county Maricopa inventory number 00600

milepost 199.35 inventory route Southern Pacific Railroad

district 78 **UTM reference** 12.397007.3701047

STRUCTURAL INFORMATION

 $\begin{array}{ccc} \text{main span number} & 2 & \text{main span type} & 303 \end{array}$

appr. span number $\ 0$ appr. span type degree of skew $\ 3$ guardrail type $\ 5$

main span length64.0superstructuresteel plate deck girderstructure length131.0substructureconcrete abutments and pier

roadway width 45.5 floor/decking railroad grade

structure width 50.0 other features steel baluster guardrails

HISTORICAL INFORMATION

construction date 1960 designer/engineer Arizona Highway Department

project number I-17-1(12) builder/contractor Ashton Building Company Inc., Tucson AZ

information source ADOT bridge records structure owner Union Pacific Railroad

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 28 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Jefferson Street Underpass

PROPERTY IDENTIFICATION

county Maricopa inventory number 00554

milepost199.56inventory routeJefferson Streetlocation5.6 mi N of Jct I 10feature intersectedInterstate 17city/vicinityPhoenixUSGS quadranglePhoenix

district 78 **UTM reference** 12.397020.3701382

STRUCTURAL INFORMATION

 $\begin{array}{lll} \mbox{main span number} & 2 & \mbox{main span type} & 502 \\ \mbox{appr. span number} & 0 & \mbox{appr. span type} & \end{array}$

degree of skew 0 guardrail type 6

 main span length
 64.0
 superstructure
 prestressed concrete deck girder

 structure length
 133.0
 substructure
 concrete abutments and pier

roadway width 52.0 floor/decking concrete deck

structure width 64.0 other features concrete / steel guardrails

HISTORICAL INFORMATION

construction date1959designer/engineerArizona Highway Departmentproject numberI-17-1(11)builder/contractorMardian Construction Companyinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) 1992 alterations guardrails replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 11 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Van Buren Street Underpass

PROPERTY IDENTIFICATION

county Maricopa inventory number 01950

milepost 199.85 inventory route Van Buren Street

district 78 **UTM reference** 12.397065.3701860

STRUCTURAL INFORMATION

main span number 2 main span type 302

 $\begin{array}{lll} \mbox{appr. span number} & 0 & \mbox{appr. span type} \\ \mbox{degree of skew} & 0 & \mbox{guardrail type} & 9 \end{array}$

main span length 68.0 superstructure steel I-beam stringer

structure length 137.0 substructure concrete abutments, wingwalls and pier

structure width 96.8 other features concrete Jersey barrier guardrails with chain link

fencing over

HISTORICAL INFORMATION

construction date 1960 designer/engineer Arizona Highway Department

project number I-ID-10-2(115) builder/contractor General Contracting Corp., Salt Lake City UT information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1986 alterations bridge reconstructed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 01 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type,

substantially rebuilt

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

Grand Canal Bridge

PROPERTY IDENTIFICATION

county Maricopa inventory number 00410

milepost 202.59 inventory route I 17; EFR & WFR location 2.6 mi North Jct I 10 feature intersected Grand Canal

city/vicinity Phoenix USGS quadrangle Phoenix

district 78 **UTM reference** 12.396610.3706175

STRUCTURAL INFORMATION

 $\begin{array}{lll} \text{main span number} & 2 & \text{main span type} & 201 \\ \text{appr. span number} & 0 & \text{appr. span type} \end{array}$

degree of skew 0 guardrail type 9

main span length 21.0 superstructure concrete slab

structure length 43.0 substructure concrete abutments, wingwalls and pier roadway width 193.0 floor/decking concrete deck with asphalt overlay

structure width 196.0 other features concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date 1954 designer/engineer Arizona Highway Department

project numberI-17-1(17)builder/contractorArizona Sand & Rock Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1959ca1980alterationsdeck widened and Jersey barriers installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 12 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Arizona Canal Bridge

PROPERTY	IDENTIFICATION
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county Maricopa inventory number 00796

208.23 milepost inventory route I 17; EFR & WFR location 6.5 mi N Jct US 60 feature intersected Arizona Canal city/vicinity Phoenix **USGS** quadrangle Sunnyslope

district 78 **UTM** reference 12.396307.3715162

STRUCTURAL INFORMATION

main span number 3 main span type 201 appr. span number 0 appr. span type 0 degree of skew 15 guardrail type

20.0 superstructure concrete slab main span length

structure length 54.0 substructure concrete abutments, wingwalls and piers

roadway width 250.1 floor/decking concrete deck

solid concrete guardrails with aluminum tubes 258.7 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1947 Arizona Highway Department project number I-17-1(45) builder/contractor

Phoenix-Tempe Stone Co., Phoenix AZ structure owner information source ADOT bridge records Arizona Department of Transportation alteration date(s) 1985 alterations 1962 1974 two bridges built at separate times and later

combined into single structure

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 13 NRHP eligibility non-eligible

> **NRHP** criteria C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

Skunk Creek Bridge

PROPERTY IDENTIFICATION

county Maricopa inventory number 01078

milepost 219.11 inventory route I 17; East Fr Road location 4.9 mi South Jct SR 74 feature intersected Skunk Creek city/vicinity Phoenix USGS quadrangle Union Hills

district 78 **UTM reference** 12.396188.3732685

STRUCTURAL INFORMATION

main span number 8 main span type 201

appr. span number $\ 0$ appr. span type degree of skew $\ 25$ guardrail type $\ 3$

main span length 35.0 superstructure concrete slab

structure length 269.0 substructure concrete abutments, wingwalls and piers

roadway width 26.0 floor/decking concrete deck

structure width 31.2 **other features** solid concrete guardrails with aluminum tubes

HISTORICAL INFORMATION

construction date 1963 designer/engineer Arizona Highway Department
project number I-17-1(51) builder/contractor Mardian Construction Company

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1980 alterations channel floor repaired

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 25 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Skunk Creek Bridge

PROPERTY	IDENTIFICATION	

county Maricopa inventory number 00285 219.11 milepost inventory route I 17; SB location 4.9 mi South Jct SR 74 feature intersected Skunk Creek city/vicinity Adobe **USGS** quadrangle Union Hills district 78 **UTM** reference 12.396145.3732642

STRUCTURAL INFORMATION

structure length 268.0 substructure concrete abutments, wingwalls and piers roadway width 42.0 floor/decking concrete deck with asphalt overlay

structure width 45.2 other features concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

 construction date
 1947
 designer/engineer
 Arizona Highway Department

 project number
 S-39(3)
 builder/contractor
 Wallace & Wallace, Phoenix AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) 1963 1980 1984 alterations deck widened; guardrails replaced; bridge repaired

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 21 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Skunk Creek Bridge

PROPERTY IDENTIFICATION

county Maricopa inventory number 01079

district 78 **UTM reference** 12.396128.3732636

STRUCTURAL INFORMATION

structure length 269.0 **substructure** concrete abutments, wingwalls and piers

roadway width 26.0 floor/decking concrete deck

structure width 31.2 **other features** solid concrete guardrails with aluminum tubes

HISTORICAL INFORMATION

construction date1963designer/engineerArizona Highway Departmentproject numberI-17-1(51)builder/contractorMardian Construction Companyinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

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alteration date(s) 1980 alterations channel floor repaired

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 25 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Skunk Creek Bridge

PROPERTY IDENTIFICATION

county Maricopa inventory number 00790 219.11 milepost inventory route I 17; NB location 4.9 mi South Jct SR 74 feature intersected Skunk Creek city/vicinity Adobe **USGS** quadrangle Union Hills district 78 **UTM** reference 12.396170.3732663

STRUCTURAL INFORMATION

main span number 8 main span type 201 appr. span number 0 appr. span type 0 degree of skew 25 guardrail type concrete slab 35.0 superstructure main span length structure length 269.0 substructure concrete abutments, wingwalls and piers 42.0 roadway width floor/decking concrete deck solid concrete guardrails with aluminum tubes 45.2 structure width other features

HISTORICAL INFORMATION

construction date1963designer/engineerArizona Highway Departmentproject numberI-17-1(51)builder/contractorMardian Construction Companyinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1980alterationsdeck widened

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 15

NRHP eligibility non-eligible

NRHP criteria A ______ B ____ C ____

signif. statement typical, relatively late example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

BRIDGE INVENTORY HISTORIC

Culvert

PROPERTY IDENTIFICATION

county Maricopa inventory number 05736 223.18 milepost inventory route I 17 location 0.8 mi South Jct T SR 74 feature intersected Wash city/vicinity New River **USGS** quadrangle Biscuit Flat

district 78 **UTM** reference 12.395100.3739060

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type 10.0 concrete box culvert main span length superstructure

structure length 24.0 substructure concrete abutments, wingwalls and pier

floor/decking roadway width 0.0 asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

project number

construction date designer/engineer 1947 Arizona Highway Department I-17-1(56) builder/contractor

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1981 barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

BRIDGE INVENTORY HISTORIC

Culvert

PROPERTY IDENTIFICATION

county Maricopa inventory number 05738 224.56 milepost inventory route I 17 location 0.6 mi North Jct SR 74 feature intersected Wash city/vicinity New River **USGS** quadrangle Biscuit Flat

district 78 **UTM** reference 12.394730.3741263

STRUCTURAL INFORMATION

main span number 3 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete box culvert 8.0 superstructure main span length

structure length 26.0 substructure concrete abutments, wingwalls and piers

floor/decking roadway width 0.0 asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

project number

construction date designer/engineer 1947 Arizona Highway Department I-17-1(56) builder/contractor

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1981 barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible

inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Deadman Wash Bridge

PROPERTY IDENTIFICATION

county Maricopa inventory number 00304 226.95 milepost inventory route I 17; SB location 3.0 mi North Jct SR 74 feature intersected Deadman Wash city/vicinity New River **USGS** quadrangle Biscuit Flat

district 78 **UTM reference** 12.394045.3744075

STRUCTURAL INFORMATION

structure length 128.0 substructure concrete abutments, wingwalls and piers roadway width 42.0 floor/decking concrete deck with asphalt overlay

structure width 45.3 **other features** concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date 1948 designer/engineer Arizona Highway Department

project number NFAS 39(47) builder/contractor Larsen Contracting Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1981 alterations deck widened and guardrails replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 17 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typically configured example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537 May 2009

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BRIDGE INVENTORY HISTORIC

Culvert

PROPERTY IDENTIFICATION

county Maricopa inventory number 05740 231.20 milepost inventory route I 17 location 7.2 mi North Jct T SR 74 feature intersected Wash city/vicinity New River **USGS** quadrangle New River

district 78 **UTM** reference 12.394000.3751863

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete box culvert main span length 10.0 superstructure 21.0 structure length substructure concrete abutments, wingwalls and pier 0.0 roadway width floor/decking asphalt roadway steel Thrie beam guardrails

other features

HISTORICAL INFORMATION

structure width

0.0

construction date designer/engineer 1948 Arizona Highway Department NFAS 39(47) project number builder/contractor Larsen Contracting Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations 1968 1980 barrels extended; median closed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Maricopa inventory number 05744 milepost 233.85 inventory route I 17; NB location 9.9 mi N Jct SR 74 feature intersected Wash city/vicinity New River **USGS** quadrangle New River

district 88 **UTM reference** 12.394595.3756025

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert structure length 24.0 substructure concrete abutments, wingwalls and pier

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1949 designer/engineer Arizona Highway Department

project numberS-39(4)builder/contractorArizona Sand & Rock Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

 alteration date(s)
 ca1980
 alterations
 Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 02 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Moore Gulch Bridge

PROPERTY IDENTIFICATION

county Maricopa inventory number 00339 238.60 milepost inventory route I 17; SB location 14.6 mi N Jct SR 74 feature intersected Moore Gulch city/vicinity Black Canyon City **USGS** quadrangle Black Canyon City district **UTM** reference 12.394630.3763210

STRUCTURAL INFORMATION

main span number 3 main span type 402 appr. span number 0 appr. span type 9 degree of skew guardrail type 67.0 superstructure steel I-beam stringer main span length structure length 178.0 substructure concrete abutments, wingwalls and piers roadway width 31.8 floor/decking concrete deck with asphalt overlay concrete Jersey barrier guardrails with Thrie beams 35.0 structure width other features at approaches

HISTORICAL INFORMATION

construction date designer/engineer 1950 Arizona Highway Department S-39(5)project number builder/contractor Vinnell Company Inc., Alhambra CA information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1998 alterations 1986 1993 guardrails replaced; expansion joints repaired

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

NRHP eligibility non-eligible

inventory score 16 NRHP eligibility non-eligible NRHP criteria A B C

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Little Squaw Creek Bridge

PROPERTY IDENTIFICATION

 $\begin{array}{cccc} \textbf{county} & \textbf{Maricopa} & \textbf{inventory number} & 00340 \\ \textbf{milepost} & 239.55 & \textbf{inventory route} & \text{I 17; SB} \\ \end{array}$

 location
 15.6 mi N Jct SR 74
 feature intersected
 Little Squaw Creek

 city/vicinity
 Black Canyon City
 USGS quadrangle
 Black Canyon City

 district
 88
 UTM reference
 12.394070.3764472

STRUCTURAL INFORMATION

main span length67.0superstructuresteel I-beam stringerstructure length179.0substructureconcrete abutments, wingwalls and piersroadway width31.8floor/deckingconcrete deck with asphalt overlay

structure width 34.8 other features concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date designer/engineer 1950 Arizona Highway Department S-39(5)project number builder/contractor Vinnell Company Inc., Alhambra CA structure owner information source ADOT bridge records Arizona Department of Transportation alteration date(s) 1993 alterations 1976 1986 guardrails replaced; expansion joints repaired

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 16 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

city/vicinityRock SpringsUSGS quadrangleBlack Canyon Citydistrict88UTM reference12.394033.3768242

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert structure length 24.0 substructure concrete abutments, wingwalls and pier

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

 construction date
 1950
 designer/engineer
 Arizona Highway Department

 project number
 S-38(4)
 builder/contractor
 Vinnell Company Inc., Alhambra CA

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) 1967 ca1980 alterations barrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Badger Springs Road Overpass

PROPERTY IDENTIFICATION

county Yavapai inventory number 00750 255.90 milepost inventory route I 17; SB

location 6.8 mi S of SR 69 feature intersected Badger Springs Road

city/vicinity Cordes Junction **USGS** quadrangle Joes Hill

district **UTM** reference 12.397138.3788860

STRUCTURAL INFORMATION

main span number 3 main span type 201 appr. span number 0 appr. span type 8 degree of skew guardrail type concrete slab 33.0 superstructure main span length

structure length 88.0 substructure concrete abutments, wingwalls and piers

roadway width 38.0 floor/decking concrete deck

solid concrete guardrails with aluminum tubes and 43.2 structure width other features

Thrie beams

HISTORICAL INFORMATION

construction date designer/engineer 1963 Arizona Highway Department I-17-1(44) project number builder/contractor Isbell Construction Company information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1980

Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement undistinguished, relatively late example of common

structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

Badger Springs Road Overpass

PROPERTY IDENTIFICATION

location 6.7 mi S of SR 69 feature intersected Badger Springs Road

city/vicinity Cordes Junction USGS quadrangle Joes Hill

district 88 **UTM reference** 12.397632.3789008

STRUCTURAL INFORMATION

structure length 90.0 substructure concrete abutments, wingwalls and piers

roadway width 37.9 floor/decking concrete deck

structure width 43.2 **other features** solid concrete guardrails with aluminum tubes and

Thrie beams

HISTORICAL INFORMATION

construction date1963designer/engineerArizona Highway Departmentproject numberI-17-1(44)builder/contractorIsbell Construction Company

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1980 alterations Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 06 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished, relatively late example of common

structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

Bloody Basin Overpass

	DEDTV	IDENTIFIC	
FNU	FERII	IDENTIFIC	AIIUI

 location
 3.3 mi S of SR 69
 feature intersected
 Bloody Basin Road

 city/vicinity
 Cordes Junction
 USGS quadrangle
 Cordes Junction

 district
 88
 UTM reference
 12.396866.3794230

STRUCTURAL INFORMATION

main span number 3 main span type 201
appr. span number 0 appr. span type
degree of skew 0 guardrail type 8

main span length 33.0 superstructure concrete slab

structure length 90.0 substructure concrete abutments, wingwalls and piers

roadway width 38.0 floor/decking concrete deck

structure width 43.2 **other features** solid concrete guardrails with aluminum tubes and

Thrie beams

HISTORICAL INFORMATION

construction date1963designer/engineerArizona Highway Departmentproject numberI-17-1(44)builder/contractorIsbell Construction Company

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1980 alterations Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 10 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished, relatively late example of common

structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537 May 2009

lay 2009

Big Bug Creek Bridge

PROPERTY	IDENTIFICATION
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county Yavapai inventory number 00591 262.05 milepost inventory route I 17; NB location 0.7 mi S of SR 69 feature intersected Big Bug Creek city/vicinity Cordes Junction **USGS** quadrangle Cordes Junction district **UTM** reference 12.396683.3798250

STRUCTURAL INFORMATION

main span number 3 main span type 402 appr. span number 0 appr. span type 9 degree of skew guardrail type main span length 80.0 superstructure steel I-beam stringer structure length 214.0 substructure concrete abutments, wingwalls and spill-through concrete deck 42.1 roadway width floor/decking structure width 45.3 other features concrete Jersey barrier guardrails with Thrie beams at approaches

HISTORICAL INFORMATION

construction date1960designer/engineerKaran Engineering Companyproject numberI-17-1(23)builder/contractorWestern Constructors Inc., Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1981alterationsdeck widened and Jersey barriers installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

NRHP eligibility non-eligible
NRHP criteria A ______ B ____ C _____

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Big Bug Creek Bridge

PROPERT	Y IDEN	TIFICATION
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county Yavapai inventory number 01039 262.05 milepost inventory route I 17; SB location 0.7 mi S of SR 69 feature intersected Big Bug Creek city/vicinity Cordes Junction **USGS** quadrangle Cordes Junction district **UTM** reference 12.396660.3798268

STRUCTURAL INFORMATION

main span number 3 main span type 402 appr. span number 0 appr. span type 9 degree of skew guardrail type 80.0 superstructure steel I-beam stringer main span length structure length 214.0 substructure concrete abutments, wingwalls and piers roadway width 42.0 floor/decking concrete deck concrete Jersey barrier guardrails with Thrie beams 45.2 structure width other features at approaches

HISTORICAL INFORMATION

construction date1951designer/engineerArizona Highway Departmentproject numberS-38(5)builder/contractorArizona Sand & Rock Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1981alterationsdeck widened and guardrails replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Cordes Junction Underpass

PROPERTY IDENTIFICATION

city/vicinityCordes JunctionUSGS quadrangleCordes Junctiondistrict88UTM reference12.396875.3799220

STRUCTURAL INFORMATION

 main span length
 86.0
 superstructure
 steel I-beam stringer

structure length 266.0 substructure concrete abutments, wingwalls and piers

roadway width 36.1 floor/decking concrete deck

structure width 41.0 other features concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date1960designer/engineerBellante & Clauss; R.S. Knightproject numberI-17-2(22)builder/contractorWestern Constructors Inc., Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) 1980 alterations guardrails replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 15 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

05749

PROPERTY IDENTIFICATION

county Yavapai inventory number

milepost 264.74 inventory route I 17; NB & SB

location 2.0 mi N Jct SR 69 feature intersected Wash

city/vicinityCordes JunctionUSGS quadrangleCordes Junctiondistrict88UTM reference12.397258.3802538

STRUCTURAL INFORMATION

 $\begin{array}{ccc} \text{main span number} & 2 & \text{main span type} & 219 \\ \text{appr. span number} & 0 & \text{appr. span type} \end{array}$

degree of skew 30 guardrail type 0

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 24.0 substructure concrete abutments, wingwalls and pier roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 other features steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1952 designer/engineer Arizona Highway Department

project number I-17-2(28) builder/contractor Fisher Contracting Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1963 1979 alterations two culverts extended to form single structure;

Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 02 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

Agua Fria River Bridge

PROPERTY IDENTIFICATION

county Yavapai inventory number 00766 265.34 milepost inventory route I 17; SB location 2.6 mi North Jct SR 69 feature intersected Agua Fria River city/vicinity Cordes Junction **USGS** quadrangle Cordes Junction district **UTM** reference 12.397545.3803407

STRUCTURAL INFORMATION

main span number 3 main span type 402 appr. span number 0 appr. span type 9 degree of skew guardrail type 87.0 superstructure steel I-beam stringer main span length structure length 232.0 substructure concrete abutments, wingwalls and piers 42.2 roadway width floor/decking concrete deck with asphalt overlay concrete Jersey barrier guardrails with Thrie beams 45.4 structure width other features at approaches

HISTORICAL INFORMATION

construction date designer/engineer 1952 Arizona Highway Department NS-40(52)A project number builder/contractor Arizona Sand & Rock Co.; Dail Constr. Co. structure owner information source ADOT bridge records Arizona Department of Transportation alteration date(s) 1980 1996 alterations deck widened and guardrails replaced; scour protection built

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

Inventory score 28

NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Agua Fria River Bridge

PROPERTY IDENTIFICATION

county Yavapai inventory number 00382 265.34 milepost inventory route I 17; NB location 2.6 mi N of SR 69 feature intersected Agua Fria River city/vicinity Black Canyon City **USGS** quadrangle Black Canyon City district **UTM** reference 12.394765.3770640

STRUCTURAL INFORMATION

main span number 3 main span type 403 appr. span number 0 appr. span type degree of skew guardrail type welded steel deck girder 103.0 superstructure main span length 274.0 structure length substructure concrete abutments, wingwalls and column piers roadway width 42.1 floor/decking concrete deck variable depth girders; concrete Jersey barrier 45.4 structure width other features guardrails with Thrie beams at approaches

HISTORICAL INFORMATION

construction date1963designer/engineerArizona Highway Departmentproject numberI-17-2(28)builder/contractorFisher Contracting Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1980alterationsdeck widened and Jersey barriers installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

NRHP eligibility non-eligible

NRHP criteria A _____ B ___ C ____ signif. statement uncommon structural type, substantially altered, part of

categorical interstate exclusion

FORM COMPLETED BY

inventory score

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Yavapai inventory number 05751

 location
 4.5 mi N Jct SR 69
 feature intersected
 Wash

 city/vicinity
 Cordes Junction
 USGS quadrangle
 Estler Peak

district 88 **UTM reference** 12.399707.3805380

STRUCTURAL INFORMATION

 $\begin{array}{ccc} \text{main span number} & 3 & & \text{main span type} & & 219 \end{array}$

 $\begin{array}{lll} \mbox{appr. span number} & 0 & \mbox{appr. span type} \\ \mbox{degree of skew} & 30 & \mbox{guardrail type} & 6 \end{array}$

structure length 37.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

 $\begin{array}{ccc} \textbf{structure width} & 0.0 & \textbf{other features} & \text{steel Thrie beam guardrails} \\ \end{array}$

HISTORICAL INFORMATION

construction date 1963 designer/engineer Arizona Highway Department

project numberI-17-2(28)builder/contractorFisher Contracting Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) 1979 alterations barrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

Orme Road Overpass

DDA	PERTY	IDENT	IEIC	TION
PRU	PERIT	IDENI	IFICA	NUUN

county Yavapai inventory number 06791

district 88 **UTM reference** 12.401272.3807375

STRUCTURAL INFORMATION

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 24.0 substructure concrete abutments, wingwalls and pier roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date 1963 designer/engineer Arizona Highway Department

project number I-17-2(28) builder/contractor Fisher Contracting Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

 $\begin{array}{ccc} \textbf{inventory score} & 08 & \textbf{NRHP eligibility} & non-eligible \end{array}$

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Dugas Road Overpass

PROPERTY IDENTIFICATION

county Yavapai inventory number 01080 268.75 milepost inventory route I 17; SB location 6.1 mi N of SR 69 feature intersected Dugas Road city/vicinity Cordes Junction **USGS** quadrangle Estler Peak district **UTM** reference 12.401280.3807380

STRUCTURAL INFORMATION

main span number 3 main span type 201 appr. span number 0 appr. span type 8 degree of skew guardrail type concrete slab 33.0 superstructure main span length structure length 90.0 substructure concrete abutments, wingwalls and piers roadway width 38.0 floor/decking concrete deck solid concrete guardrails with aluminum tubes 43.2 structure width other features

HISTORICAL INFORMATION

construction date1963designer/engineerArizona Highway Departmentproject numberI-17-2(28)builder/contractorFisher Contracting Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1980alterationsThrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 12 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Ash Creek Bridge

PROPERTY IDENTIFICATION

county Yavapai inventory number 01081 268.75 milepost inventory route Dugas Road location 6.1 mi N of SR 69 feature intersected Ash Creek city/vicinity Cordes Junction **USGS** quadrangle Estler Peak

district **UTM** reference 12.401403.3807296

STRUCTURAL INFORMATION

main span number 5 main span type 201 appr. span number 0 appr. span type 3 degree of skew 15 guardrail type concrete slab 30.0 superstructure main span length

structure length 141.0 substructure concrete abutments, wingwalls and piers

roadway width 26.0 floor/decking concrete deck

solid concrete guardrails with aluminum tubes; 31.2 structure width other features

Thrie beams at approaches

HISTORICAL INFORMATION

construction date designer/engineer 1963 Arizona Highway Department project number I-17-2(28) builder/contractor

Fisher Contracting Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations ca1980 Thrie beam guardrails installed at approaches

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible

inventory score

NRHP criteria

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Dugas Road Overpass

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county Yavapai inventory number 00753 268.75 milepost inventory route I 17; NB location 6.1 mi N of SR 69 feature intersected Dugas Road city/vicinity Cordes Junction **USGS** quadrangle Estler Peak district **UTM** reference 12.401305.3807352

STRUCTURAL INFORMATION

main span number 3 main span type 201 appr. span number 0 appr. span type 8 degree of skew guardrail type concrete slab main span length 33.0 superstructure structure length 90.0 substructure concrete abutments, wingwalls and piers roadway width 38.0 floor/decking concrete deck solid concrete guardrails with aluminum tubes and 43.2 structure width other features Thrie beams

HISTORICAL INFORMATION

construction date1963designer/engineerArizona Highway Departmentproject numberI-17-2(28)builder/contractorFisher Contracting Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1980alterationsThrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished, relatively late example of common

structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Ash Creek Bridge

PROPERTY IDENTIFICATION

county Yavapai inventory number 00754 269.11 milepost inventory route I 17; NB location 6.5 mi N of SR 69 feature intersected Ash Creek city/vicinity Cordes Junction **USGS** quadrangle Estler Peak district **UTM** reference 12.401470.3807637

STRUCTURAL INFORMATION

main span number 7 main span type 201 appr. span number 0 appr. span type 8 degree of skew 15 guardrail type concrete slab 30.0 superstructure main span length 201.0 structure length substructure concrete abutments, wingwalls and piers roadway width 44.0 floor/decking concrete deck solid concrete guardrails with aluminum tubes and 49.0 structure width other features Thrie beams

HISTORICAL INFORMATION

construction date1963designer/engineerArizona Highway Departmentproject numberI-17-2(28)builder/contractorFisher Contracting Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1980alterationsThrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 26

NRHP eligibility non-eligible

NRHP criteria

A B C

signif. statement undistinguished, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

BRIDGE INVENTORY HISTORIC

Ash Creek Bridge

PROPERTY	/ IDENTIFICATION
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county Yavapai inventory number 00389 269.11 milepost inventory route I 17; SB location 6.5 mi N of SR 69 feature intersected Ash Creek city/vicinity Cordes Junction **USGS** quadrangle Estler Peak

district **UTM** reference 12.401474.3807636

STRUCTURAL INFORMATION

main span number 7 main span type 201 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete slab main span length 30.0 superstructure structure length 202.0 substructure concrete abutments, wingwalls and steel pile piers with concrete infill 52.0 concrete deck with asphalt overlay roadway width floor/decking concrete Jersey barrier guardrails with Thrie beams structure width 55.2

other features

at approaches

HISTORICAL INFORMATION

construction date 1954 designer/engineer Arizona Highway Department project number S-40(3)builder/contractor Wallace & Wallace, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1980 alterations deck widened and Jersey barriers installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

NRHP eligibility inventory score 20 non-eligible

> NRHP criteria C

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Cienega Creek Bridge

PROPERTY IDENTIFICATION

county Yavapai inventory number 00428 277.93 milepost inventory route I 17; NB location 0.5 mi S Jct SR 169 feature intersected Cienega Creek city/vicinity Camp Verde **USGS** quadrangle Middle Verde district **UTM** reference 12.408560.3818985

STRUCTURAL INFORMATION

structure length 147.0 substructure concrete abutments, wingwalls and piers

roadway width 42.0 floor/decking concrete deck

structure width 44.6 other features aluminum tubular guardrails

HISTORICAL INFORMATION

construction date1954designer/engineerArizona Highway Departmentproject numberS-40(4)builder/contractorLyle Price, Flagstaff AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1976 alterations deck widened

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 16 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Verde River Bridge

PROPERTY IDENTIFICATION

county Yavapai inventory number 00505 287.93 milepost inventory route I 17; SB location 0.6 mi N Jct SR 260 feature intersected Verde River city/vicinity Camp Verde **USGS** quadrangle Middle Verde

district **UTM** reference 12.419343.3827575

STRUCTURAL INFORMATION

main span number 7 main span type 402 appr. span number 0 appr. span type

9 degree of skew guardrail type

86.0 superstructure steel I-beam stringer main span length structure length 525.0 substructure concrete abutments, wingwalls and piers

roadway width 42.1 floor/decking concrete deck

concrete Jersey barrier guardrails with Thrie beams 45.2 structure width other features

at approaches

HISTORICAL INFORMATION

construction date designer/engineer 1961 Arizona Highway Department

project number IN-003-3(1) builder/contractor information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1996 alterations 1979 1988 deck widened; bridge repaired

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

city/vicinityCamp VerdeUSGS quadrangleLake Montezumadistrict88UTM reference12.423132.3831778

STRUCTURAL INFORMATION

structure length 21.0 substructure concrete abutments, wingwalls and pier

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1957 designer/engineer Arizona Highway Department

project number IN-33(1) builder/contractor information source ADOT bridge records structure owner Arizona Department of Transportation

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) ca1980 alterations Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

city/vicinityCamp VerdeUSGS quadrangleLake Montezumadistrict88UTM reference12.423257.3831859

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert structure length 30.0 substructure concrete abutments, wingwalls and pier

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1960 designer/engineer Arizona Highway Department

 project number
 I-17-2(16)
 builder/contractor
 Vinson Construction Company, Phoenix AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) ca1980 alterations Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

McGuireville Underpass

PROPERTY IDENTIFICATION

county Yavapai inventory number 00652

milepost 293.26 inventory route Cornville Road location 5.7 mi S of Jct SR 179 feature intersected I 17; NB & SB city/vicinity McGuireville **USGS** quadrangle Lake Montezuma district 12.425110.3833285

UTM reference

STRUCTURAL INFORMATION

main span number 4 main span type 402 appr. span number 0 appr. span type degree of skew guardrail type 1

84.0 superstructure steel I-beam stringer main span length

structure length 257.0 substructure concrete abutments, wingwalls and piers

roadway width 30.0 floor/decking concrete deck

solid concrete guardrails with aluminum tubes; 35.0 structure width other features

steel Thrie beam guardrails at approaches

HISTORICAL INFORMATION

construction date designer/engineer 1961 Arizona Highway Department

project number I-17-2(16) builder/contractor Vinson Construction Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1982 alterations 1973 1976 beams repaired; Thrie beams installed at

approaches

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 15

NRHP eligibility non-eligible NRHP criteria C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Dry Beaver Creek Bridge

PROPERTY IDENTIFICATION

STRUCTURAL INFORMATION

main span length 80.0 superstructure steel I-beam stringer

structure length 214.0 substructure concrete abutments, wingwalls and piers

roadway width 30.2 floor/decking concrete deck

structure width 35.2 **other features** concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date 1961 designer/engineer Arizona Highway Department

project numberI-17-2(16)builder/contractorVinson Construction Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)19801988alterationsbank repaired; guardrails replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 14 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Dry Beaver Creek Bridge

PROPERTY IDENTIFICATION

 location
 6.1 mi N of Jct SR 260
 feature intersected
 Dry Beaver Creek

 city/vicinity
 McGuireville
 USGS quadrangle
 Lake Montezuma

 district
 88
 UTM reference
 12.425332.3833320

STRUCTURAL INFORMATION

main span length 80.0 superstructure steel I-beam stringer structure length 214.0 substructure concrete abutments,

structure length 214.0 substructure concrete abutments, wingwalls and piers roadway width 40.4 floor/decking concrete deck

structure width 45.2 other features concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date 1961 designer/engineer Arizona Highway Department

project numberI-17-2(16)builder/contractorVinson Construction Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)19801988alterationsbank repaired; guardrails replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 14 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Yavapai inventory number 05758

298.27 milepost inventory route I 17; NB & SB

location 0.7 mi S Jct SR 179 feature intersected Wash

city/vicinity McGuireville **USGS** quadrangle Lake Montezuma district **UTM** reference 12.431287.3838110

STRUCTURAL INFORMATION

main span number 2 main span type 219

appr. span number 0 appr. span type degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

21.0 structure length substructure concrete abutments, wingwalls and pier

0.0 roadway width floor/decking asphalt roadway

steel Thrie beam guardrails 0.0 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1961 Arizona Highway Department

I-17-2(20) project number builder/contractor Copper State Construction Company, Mesa AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations ca1980 Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

Culvert

PFRTY	IDENT	JEIC V.	TION.

county Yavapai inventory number 05759 298.65 milepost inventory route I 17 location 0.4 mi S Jct SR 179 feature intersected Wash city/vicinity McGuireville **USGS** quadrangle Casner Butte

district **UTM** reference 12.431720.3838430

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure 21.0 structure length substructure concrete abutments, wingwalls and pier

0.0 roadway width floor/decking asphalt roadway

steel Thrie beam guardrails 0.0 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1961 Arizona Highway Department

I-17-2(20) project number builder/contractor Copper State Construction Company, Mesa AZ

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations

ca1980 Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Sedona Road Overpass

PROPERTY IDENTIFICATION

 county
 Yavapai
 inventory number
 00633

 milepost
 298.96
 inventory route
 I 17; NB

locationat Jct SR 179feature intersectedSR 179; Sedona Rdcity/vicinityMcGuirevilleUSGS quadrangleCasner Buttedistrict88UTM reference12.431923.3838928

STRUCTURAL INFORMATION

main span length 40.0 superstructure concrete slab structure length 107.0 substructure concrete abutments, wingwalls and piers

roadway width 38.0 floor/decking concrete deck

structure width 43.0 other features concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date1961designer/engineerArizona Highway Departmentproject numberI-17-2(20)builder/contractorCopper State Construction Contractor

project number I-17-2(20) builder/contractor Copper State Construction Company, Mesa AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1988 alterations

Jersey barrier guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 19 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Sedona Road Overpass

PROPERTY	IDENTIFICATION
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 $\begin{array}{cccc} \textbf{county} & \textbf{Coconino} & \textbf{inventory number} & 01061 \\ \textbf{milepost} & 298.96 & \textbf{inventory route} & \text{I 17; SB} \\ \end{array}$

location at Jct SR 179 feature intersected SR 179; Sedona Road

city/vicinityMcGuirevilleUSGS quadrangleCasner Buttedistrict88UTM reference12.431900.3838945

STRUCTURAL INFORMATION

 $\begin{tabular}{lll} \textbf{main span length} & 40.0 & & \textbf{superstructure} & & concrete slab \\ \end{tabular}$

structure length 107.0 substructure concrete abutments, wingwalls and piers

roadway width 38.0 floor/decking concrete deck

structure width 43.0 other features concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date1961designer/engineerArizona Highway Departmentproject numberI-17-2(20)builder/contractorCopper State Construction Contractor

project number I-17-2(20) builder/contractor Copper State Construction Company, Mesa AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1986 1996 alterations guardrails replaced; sign mounted on side

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 19 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of uncommon structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Stoneman Lake Overpass

	TV IDENIT	IFICATION
FNUFER		IFICATION

 $\begin{array}{cccc} \textbf{county} & \textbf{Coconino} & \textbf{inventory number} & 01047 \\ \textbf{milepost} & 306.30 & \textbf{inventory route} & \textbf{I 17; SB} \\ \end{array}$

location7.3 mi N SR 179feature intersectedStoneman Lake Roadcity/vicinityMunds ParkUSGS quadrangleMunds Mountaindistrict85UTM reference12.439895.3847078

STRUCTURAL INFORMATION

main span length25.0superstructureconcrete rigid framestructure length29.0substructureconcrete abutments and wingwallsroadway width37.3floor/deckingconcrete deck

structure width 40.5 other features steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1958 designer/engineer Arizona Highway Department

project numberI-003-3(2)builder/contractorRogers Construction Company, San Diego CAinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) 1996 alterations Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 12 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Stoneman Lake Road Overpass

PROPERTY IDENTIFICATION

county Yavapai inventory number 00536 306.30 milepost inventory route I 17; NB

location 7.3 mi N of SR 179 feature intersected Stoneman Lake Road city/vicinity McGuireville **USGS** quadrangle Munds Mountain district **UTM** reference 12.439910.3847078

STRUCTURAL INFORMATION

main span number 1 main span type 101 appr. span number 0 appr. span type 6 degree of skew guardrail type 25.0 superstructure

concrete slab main span length structure length 29.0 substructure concrete abutments and wingwalls roadway width 37.3 floor/decking concrete deck with asphalt overlay

steel Thrie beam guardrails 40.5 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1958 Arizona Highway Department

I-003-3(2) project number builder/contractor Rogers Construction Company, San Diego CA structure owner

information source ADOT bridge records Arizona Department of Transportation

alteration date(s) alterations 1996 Thrie beams installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score 05

NRHP criteria

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Rocky Park Road Overpass

PROPERTY IDENTIFICATION

 $\begin{array}{cccc} \textbf{county} & Coconino & \textbf{inventory number} & 00626 \\ \textbf{milepost} & 315.58 & \textbf{inventory route} & I~17;~NB \\ \end{array}$

location16.6 mi N of SR 179feature intersectedRocky Park Roadcity/vicinityMunds ParkUSGS quadrangleStoneman Lakedistrict85UTM reference12.444502.3856928

STRUCTURAL INFORMATION

main span length25.0superstructureconcrete rigid framestructure length29.0substructureconcrete abutments and wingwallsroadway width38.0floor/deckingconcrete deck with asphalt overlay

structure width 40.5 other features steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1958 designer/engineer Arizona Highway Department

project number I-003-3(5) builder/contractor Copper State Construction Company, Mesa AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1987 alterations Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 12 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of uncommon structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Woods Canyon Bridge

DDODEDTV	IDENTIFICATION

county Coconino inventory number 00617 317.03 milepost inventory route I 17; NB location 18.0 mi North Jct SR 179 feature intersected Woods Canyon city/vicinity Munds Mountain **USGS** quadrangle Munds Mountain district **UTM** reference 12.442745.3858287

STRUCTURAL INFORMATION

main span number 3 main span type 402 appr. span number 0 appr. span type 9 degree of skew guardrail type 67.0 superstructure steel I-beam stringer main span length structure length 178.0 substructure concrete abutments, wingwalls and piers roadway width 42.4 floor/decking concrete deck concrete Jersey barrier guardrails with Thrie beams 45.6 structure width other features at approaches

HISTORICAL INFORMATION

construction date1958designer/engineerArizona Highway Departmentproject numberI-003-3(5)builder/contractorCopper State Construction Company, Mesa AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)19771987alterationsdeck widened and Jersey barriers installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 14

NRHP eligibility non-eligible

NRHP criteria A _____ B ___ C ___ signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Little Antelope Overpass

PROPERTY IDENTIFICATION

 $\begin{array}{cccc} \text{county} & \text{Coconino} & & \text{inventory number} & 00627 \\ \text{milepost} & 320.50 & & \text{inventory route} & \text{I } 17; \text{ NB} \\ \end{array}$

location21.5 mi N of SR 179feature intersectedSchnebly Hill Roadcity/vicinityMunds ParkUSGS quadrangleMunds Parkdistrict85UTM reference12.441440.3863490

STRUCTURAL INFORMATION

structure length29.0substructureconcrete abutments and wingwallsroadway width38.0floor/deckingconcrete deck with asphalt overlaystructure width40.5other featuressteel Thrie beam guardrails

HISTORICAL INFORMATION

construction date1958designer/engineerArizona Highway Departmentproject numberI-003-3(5)builder/contractorCopper State Construction Contractor

project number I-003-3(5) builder/contractor Copper State Construction Company, Mesa AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1987 alterations Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 12 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of uncommon structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Schnebly Road Overpass

PROPERTY IDENTIFICATION

county Coconino inventory number 01054 320.50 milepost inventory route I 17; SB

location 21.5 mi N of SR 179 feature intersected Schnebly Hill Road city/vicinity Munds Park **USGS** quadrangle Munds Park district **UTM** reference 12.441417.3863474

STRUCTURAL INFORMATION

main span number 1 main span type 107 appr. span number 0 appr. span type 9 degree of skew guardrail type 25.0 superstructure concrete rigid frame main span length

structure length 29.0 substructure concrete abutments and wingwalls

floor/decking roadway width 38.0 concrete deck

concrete Jersey barrier guardrails with Thrie beams 40.5 structure width other features

at approaches

HISTORICAL INFORMATION

construction date designer/engineer 1958 Arizona Highway Department I-003-3(5) project number builder/contractor

Copper State Construction Company, Mesa AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1987

guardrails replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typically configured example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Coconino inventory number 05761 322.44 milepost inventory route I 17 location 17.6 mi South Jct I 40 feature intersected Wash city/vicinity Munds Park **USGS** quadrangle Munds Park

district 85 **UTM reference** 12.440627.3866433

STRUCTURAL INFORMATION

main span number 3 main span type 219 appr. span number 0 appr. span type degree of skew guardrail type concrete box culvert 12.0 superstructure main span length structure length 46.0 substructure concrete abutments, wingwalls and piers floor/decking roadway width 0.0 asphalt roadway

structure width 0.0 other features steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date1959designer/engineerArizona Highway Departmentproject numberI-003-3(11)builder/contractorFisher Contracting Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 09 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Munds Park Overpass

PROPERTY IDENTIFICATION

county Coconino inventory number 01055 322.72 milepost inventory route I 17; SB location 17.3 mi South Jct I 40 feature intersected Pinewood Road city/vicinity Munds Park **USGS** quadrangle Munds Park district **UTM** reference 12.440313.3866780

STRUCTURAL INFORMATION

main span number 1 main span type 107 appr. span number 0 appr. span type 9 degree of skew guardrail type 25.0 superstructure concrete rigid frame main span length structure length 29.0 substructure concrete abutments and wingwalls roadway width 38.0 floor/decking concrete deck concrete Jersey barrier guardrails with Thrie beams 40.5 structure width other features at approaches

HISTORICAL INFORMATION

construction date1958designer/engineerArizona Highway Departmentproject numberI-003-3(11)builder/contractorFisher Contracting Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1988alterationsguardrails replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 12

NRHP eligibility non-eligible

NRHP criteria A ______ B ____ C ____

signif. statement typically configured example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Munds Park Overpass

PROPERTY IDENTIFICATION

county Coconino inventory number 00628 322.72 milepost inventory route I 17; NB location 17.3 mi South Jct I 40 feature intersected Pinewood Road city/vicinity Munds Park **USGS** quadrangle Munds Park district **UTM** reference 12.440330.3866795

STRUCTURAL INFORMATION

main span number 1 main span type 107 appr. span number 0 appr. span type 9 degree of skew guardrail type 25.0 superstructure concrete rigid frame main span length structure length 29.0 substructure concrete abutments and wingwalls roadway width 38.0 floor/decking concrete deck with asphalt overlay steel Thrie beam guardrails 40.8 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1958 Arizona Highway Department I-003-3(11) project number builder/contractor Fisher Contracting Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations 1987 Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form** non-eligible inventory score NRHP eligibility NRHP criteria

signif. statement undistinguished example of uncommon structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

 county
 Coconino
 inventory number
 05762

 milepost
 323.41
 inventory route
 I 17

 location
 16.6 mi South Jct I 40
 feature intersected
 Wash

 city/vicinity
 Munds Park
 USGS quadrangle
 Munds Park

city/vicinityMunds ParkUSGS quadrangleMunds Parkdistrict85UTM reference12.439470.3867513

STRUCTURAL INFORMATION

structure length 26.0 substructure concrete abutments, wingwalls and pier

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

 $\begin{array}{ccc} \text{structure width} & 0.0 & \text{other features} & \text{none} \end{array}$

HISTORICAL INFORMATION

construction date 1960 designer/engineer Arizona Highway Department

project numberI-003-3(11)builder/contractorFisher Contracting Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) 1974 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Newman Park Overpass

PROPERTY IDENTIFICATION

county Coconino inventory number 01056 328.76 milepost inventory route I 17; SB

location 11.2 mi S Jct I 40 feature intersected Newman Park Road city/vicinity Mountainaire **USGS** quadrangle Mountainaire district **UTM** reference 12.437517.3875308

STRUCTURAL INFORMATION

main span number 1 main span type 107 appr. span number 0 appr. span type 9 degree of skew guardrail type

concrete rigid frame 30.0 superstructure main span length structure length 34.0 substructure concrete abutments and wingwalls

roadway width 38.0 floor/decking concrete deck

concrete Jersey barrier guardrails with Thrie beams 40.7 structure width other features

at approaches

HISTORICAL INFORMATION

construction date designer/engineer 1959 Arizona Engineering Company I-003-3(8) project number builder/contractor Isbell Construction Company information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1987 guardrails replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typically configured example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Newman Park Overpass

PROPERTY IDENTIFICATION

 $\begin{array}{cccc} \textbf{county} & \textbf{Coconino} & \textbf{inventory number} & 00629 \\ \textbf{milepost} & 328.76 & \textbf{inventory route} & \textbf{I 17; NB} \\ \end{array}$

location11.2 mi S Jct I 40feature intersectedNewman Park Roadcity/vicinityMountainaireUSGS quadrangleMountainairedistrict85UTM reference12.437540.3875304

STRUCTURAL INFORMATION

structure length34.0substructureconcrete abutments and wingwallsroadway width38.0floor/deckingconcrete deck with asphalt overlaystructure width40.7other featuressteel Thrie beam guardrails

HISTORICAL INFORMATION

 construction date
 1959
 designer/engineer
 Arizona Engineering Company

 project number
 I-003-3(8)
 builder/contractor
 Isbell Construction Company

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) 1987 alterations Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 10 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of uncommon structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Coconino inventory number 05763 330.32 milepost inventory route I 17 location 9.7 mi S Jct I 40 feature intersected Wash city/vicinity Mountainaire **USGS** quadrangle Mountainaire

district 85 **UTM reference** 12.437475.3880110

STRUCTURAL INFORMATION

main span number2main span type219appr. span number0appr. span typedegree of skew
main span length30guardrail typestructure length10.0superstructureconcrete box culvertstructure length26.0substructureconcrete abutments, wingwalls and pier

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

 $\begin{array}{ccc} \text{structure width} & 0.0 & \text{other features} & \text{none} \end{array}$

HISTORICAL INFORMATION

 construction date
 1960
 designer/engineer
 Arizona Highway Department

 project number
 I-003-3(8)
 builder/contractor
 Isbell Construction Company

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transport

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 06 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERT	Y IDEN	TIFICATION
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city/vicinityMountainaireUSGS quadrangleMountainairedistrict85UTM reference12.437470.3880188

STRUCTURAL INFORMATION

main span number 3 main span type 219 appr. span number 0 appr. span type

structure length 38.0 **substructure** concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date 1960 designer/engineer Arizona Highway Department project number I-003-3(8) builder/contractor Isbell Construction Company

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 07 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Coconino inventory number 05765 334.30 milepost inventory route I 17 location 0.7 mi South Jct I 40 feature intersected Wash city/vicinity Mountainaire **USGS** quadrangle Mountainaire district **UTM** reference 12.437657.3883917

STRUCTURAL INFORMATION

main span number 3 main span type 219 appr. span number 0 appr. span type degree of skew guardrail type concrete box culvert main span length 10.0 superstructure structure length 33.0 substructure concrete abutments, wingwalls and piers 0.0 floor/decking roadway width asphalt roadway 0.0 none structure width other features

HISTORICAL INFORMATION

 construction date
 1960
 designer/engineer
 Arizona Highway Department

 project number
 I-003-3(12)
 builder/contractor

 information source
 ADO'T bridge records
 structure owner
 Arizona Department of Transportation

 alteration date(s)
 1971
 alterations
 barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement undistinguished example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Airport Road Underpass

PROPERTY IDENTIFICATION

 county
 Coconino
 inventory number
 00632

 milepost
 337.39
 inventory route
 Airport Road

city/vicinityFlagstaffUSGS quadrangleFlagstaff Westdistrict85UTM reference12.437612.3888755

STRUCTURAL INFORMATION

main span length 49.0 superstructure prestressed concrete deck girder

structure length 208.0 substructure concrete abutments, wingwalls and column piers

roadway width 30.5 floor/decking concrete deck with asphalt overlay

structure width 35.0 **other features** concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date 1959 designer/engineer Arizona Engineering Company

project number I-17-2(9) builder/contractor Copper State Construction Company, Mesa AZ

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1988 alterations Jersey barrier guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 11 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Coconino inventory number 05766 337.81 milepost inventory route I 17; S 89 location 2.2 mi South Jct I 40 feature intersected Wash

city/vicinity Flagstaff **USGS** quadrangle Flagstaff West district 85 **UTM** reference 12.437760.3889412

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

structure length 23.0 substructure concrete abutments, wingwalls and pier floor/decking 0.0 asphalt roadway

roadway width 0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1940 Arizona Highway Department

FAP 96-G(2) project number builder/contractor Lee Moor Contracting Company, El Paso TX information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1981 barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible

inventory score

NRHP criteria

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Nogales Wash Culvert

county Santa Cruz inventory number 06518 0.00milepost inventory route SB 19 US Border location feature intersected Nogales Wash city/vicinity Nogales **USGS** quadrangle Nogales

district **UTM** reference 12.505473.3466503

STRUCTURAL INFORMATION

main span number 1 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete box culvert 28.0 superstructure main span length structure length 30.0 substructure concrete abutments and wingwalls

floor/decking roadway width 0.0 concrete deck

0.0 solid concrete guardrails structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1936 Arizona Highway Department

builder/contractor project number structure owner information source ADOT bridge records Arizona Department of Transportation

alteration date(s) 1979 alterations deck rebuilt

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

inventory score NRHP eligibility non-eligible

NRHP criteria

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Ephraim Canyon Culvert

PROPERTY IDENTIFICATION

county Santa Cruz inventory number 06699 1.38 milepost inventory route SB 19

location 1.38 mi North US Border feature intersected Ephraim Canyon

city/vicinity Nogales **USGS** quadrangle Nogales

district **UTM** reference 12.506788.3468250

STRUCTURAL INFORMATION

main span number 3 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type 10.0

concrete box culvert main span length superstructure

structure length 33.0 substructure concrete abutments, wingwalls and piers

floor/decking roadway width 60.0 asphalt roadway

92.5 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1950 Arizona Highway Department NFA 86-1 builder/contractor

project number information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

inventory score 07 NRHP eligibility non-eligible

NRHP criteria

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

 county
 Santa Cruz
 inventory number
 04691

 milepost
 2.14
 inventory route
 SB 19

 location
 1.7 mi N Jct SR 82
 feature intersected
 Wash

city/vicinity Nogales USGS quadrangle Nogales

district 81 **UTM** reference 12.506647.3469143

STRUCTURAL INFORMATION

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 24.0 substructure concrete abutments, wingwalls and pier

roadway width 67.3 floor/decking asphalt roadway

structure width 94.1 other features none

HISTORICAL INFORMATION

construction date 1949 designer/engineer Arizona Highway Department

project number NFA 86(49) builder/contractor San Xavier Rock & Sand Company, Tucson AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1968 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 02 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Portrero Canyon Bridge

PROPERTY IDENTIFICATION

countySanta Cruzinventory number00325milepost5.12inventory routeI 19; SB

location 5.1 mi N US Border feature intersected Potrero Canyon

city/vicinity Nogales USGS quadrangle Rio Rico

district 81 **UTM reference** 12.504224.3473164

STRUCTURAL INFORMATION

structure length 94.0 substructure concrete abutments, wingwalls and steel pile piers

roadway width 84.0 floor/decking concrete deck with asphalt overlay

structure width 89.0 other features aluminum tubular guardrails with concrete

bulkheads

HISTORICAL INFORMATION

construction date 1949 designer/engineer Arizona Highway Department

project numberFI-86(10)builder/contractorMartin Construction Company, Tucson AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1969alterationsdeck widened and guardrails replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 14 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Alamo Canyon Culvert

PROPERTY IDENTIFICATION

county Santa Cruz inventory number 05768

district 81 **UTM reference** 12.503613.3474946

STRUCTURAL INFORMATION

main span number 3 main span type 219

appr. span number 0 appr. span type degree of skew 30 guardrail type 0

 main span length
 12.0
 superstructure
 concrete box culvert

structure length 44.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

 $\begin{array}{ccc} \text{structure width} & 0.0 & \text{other features} & \text{none} \end{array}$

HISTORICAL INFORMATION

construction date 1949 designer/engineer Arizona Highway Department

project numberFI-86(10)builder/contractorMartin Construction Company, Tucson AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) 1967 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 03 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____ signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Pesquiera Canyon Culvert

	/ IDENTIE	
PROPERT'	TIDENTIF	ICATION

 $\begin{array}{cccc} \textbf{county} & \textbf{Santa Cruz} & \textbf{inventory number} & 05769 \\ \textbf{milepost} & 7.28 & \textbf{inventory route} & \textbf{I 19; NB} \\ \end{array}$

location 0.4 mi S Jct SR 289 feature intersected Pesquiera Canyon

city/vicinity Nogales USGS quadrangle $Rio\ Rico$

district 81 **UTM reference** 12.503434.3476515

STRUCTURAL INFORMATION

main span length12.0superstructureconcrete box culvertstructure length51.0substructureconcrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date 1949 designer/engineer Arizona Highway Department

project number FI-86(11) builder/contractor San Xavier Rock & Sand Company, Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 14 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typically configured example of common, later structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY	IDENTIFICATION	

county Santa Cruz inventory number 05771

district 81 **UTM reference** 12.503168.3478604

STRUCTURAL INFORMATION

main span number 2 main span type 219

 $\begin{array}{lll} \mbox{appr. span number} & 0 & \mbox{appr. span type} \\ \mbox{degree of skew} & 30 & \mbox{guardrail type} \end{array}$

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 24.0 substructure concrete abutments, wingwalls and pier

roadway width 36.0 floor/decking asphalt roadway

structure width 36.0 other features none

HISTORICAL INFORMATION

construction date 1951 designer/engineer Arizona Highway Department

project number FI-86(12) builder/contractor Arizona Sand & Rock Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1988 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 02 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

Calabasas Canyon Culvert

	TV IDENIT	IFICATION
FNUFER		IFICATION

county Santa Cruz inventory number

10.28 milepost inventory route I 19; NB & SB location 2.6 mi N Jct SR 289 feature intersected Calabasas Canyon

city/vicinity Rio Rico **USGS** quadrangle Rio Rico

district **UTM** reference 12.501268.3480243

STRUCTURAL INFORMATION

main span number 3 main span type 219

appr. span number 0 appr. span type degree of skew guardrail type

concrete box culvert 12.0 superstructure main span length

structure length 44.0 substructure concrete abutments, wingwalls and piers

floor/decking roadway width 0.0 asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1951 Arizona Highway Department

FI-86(12) project number builder/contractor Arizona Sand & Rock Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1987 barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

NRHP eligibility non-eligible inventory score 03

NRHP criteria

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

Caralampi Canyon Culvert

PROPERTY IDENTIFICATION

county Santa Cruz inventory number 05775

city/vicinity $\operatorname{Rio}\operatorname{Rico}$ USGS quadrangle $\operatorname{Rio}\operatorname{Rico}$

district 81 **UTM reference** 12.500733.3480838

STRUCTURAL INFORMATION

main span number 3 main span type 219

appr. span number $\ 0$ appr. span type degree of skew $\ 15$ guardrail type $\ 0$

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 32.0 substructure concrete abutments, wingwalls and piers

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

 $\begin{array}{ccc} \text{structure width} & 0.0 & \text{other features} & \text{none} \end{array}$

HISTORICAL INFORMATION

construction date 1951 designer/engineer Arizona Highway Department

project number FI-86(12) builder/contractor Arizona Sand & Rock Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1966 alterations barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 03 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

Agua Fria Canyon Bridge

PROPERTY IDENTIFICATION

 $\begin{array}{cccc} \textbf{county} & \textbf{Santa Cruz} & \textbf{inventory number} & 00353 \\ \textbf{milepost} & 11.97 & \textbf{inventory route} & \textbf{I 19; NB} \\ \end{array}$

location4.3 mi N Jct SR 289feature intersectedAgua Fria Canyoncity/vicinityRio RicoUSGS quadranglePena Blanca Lakedistrict81UTM reference12.499910.3482694

STRUCTURAL INFORMATION

structure length 92.0 **substructure** concrete abutments, wingwalls and piers

roadway width 40.0 floor/decking concrete deck with asphalt overlay

structure width 45.2 **other features** concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

 construction date
 1951
 designer/engineer
 Arizona Highway Department

 project number
 FI-86(12)
 builder/contractor
 Arizona Sand & Rock Compar

project number FI-86(12) builder/contractor Arizona Sand & Rock Company, Phoenix AZ information source ADOT bridge records alteration date(s) 1982 1985 1986 alterations Arizona Department of Transportation flood repairs; guardrails replaced with Jersey

barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Bocumentation For

inventory score 14 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Peck Canyon Bridge

PROPERTY IDENTIFICATION

county Santa Cruz inventory number 00354 14.37 milepost inventory route I 19; SB location 6.7 mi N Jct SR 289 feature intersected Peck Canyon city/vicinity Rio Rico **USGS** quadrangle Tubac

district 81 **UTM reference** 12.498705.3486245

STRUCTURAL INFORMATION

main span number 4 main span type 201 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete slab main span length 25.0 superstructure structure length 92.0 substructure concrete abutments, wingwalls and piers

roadway width 40.1 floor/decking concrete deck with asphalt overlay

structure width 45.2 other features concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date1951designer/engineerArizona Highway Departmentproject numberFI-86(12)builder/contractorArizona Sand & Rock Compan

project number FI-86(12) builder/contractor Arizona Sand & Rock Company, Phoenix AZ information source ADOT bridge records alteration date(s) 1985 1986 alterations Arizona Department of Transportation flood repairs; guardrails replaced with Jersey

barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple 1 Toperty Documentation 1 on

inventory score 14 NRHP eligibility non-eligible

NRHP criteria A ____ B ___ C ___

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Peck Canyon Bridge

PROPERTY IDENTIFICATION

county Santa Cruz inventory number 02058

milepost 14.37 inventory route I 19; W Frontage Road

district 81 **UTM** reference 12.498607.3486223

STRUCTURAL INFORMATION

main span length 22.0 superstructure concrete slab

structure length 110.0 substructure concrete abutments, wingwalls and piers roadway width 28.0 floor/decking concrete deck with asphalt overlay

structure width 33.5 **other features** concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date 1930 designer/engineer Arizona Highway Department

project number builder/contractor

information sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)19802002alterationsdeck widened and guardrails replaced; scour

protection built

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

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inventory score 27 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Arroyo Angulo Aguda Culvert

PROPERTY IDENTIFICATION

county Santa Cruz inventory number 04694 17.81 milepost inventory route I 19; EFR

location 10.1 mi N Jct SR 289 feature intersected Arroyo Angulo Agudo

city/vicinity Tumacacori **USGS** quadrangle Tubac

district **UTM** reference 12.495467.3490726

STRUCTURAL INFORMATION

main span number 6 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete box culvert 10.0 superstructure main span length structure length 64.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

steel Thrie beam guardrails 0.0 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1930 Arizona Highway Department

FAP 86-C project number builder/contractor General Contracting Corp., Salt Lake City UT information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1952 1986 alterations

barrels extended; flood damage repaired; Thrie

beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 12 NRHP eligibility non-eligible

> **NRHP** criteria C

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign

420 South County Road 23E Loveland, Colorado 80537

May 2009

Rock Corral Canyon Culvert

PROPERTY IDENTIFICATION

countySanta Cruzinventory number04695milepost18.12inventory routeI 19; EFR

location 11.9 mi South Co Bdry feature intersected Rock Corral Canyon

city/vicinity Tumacacori USGS quadrangle Tubac

district 81 **UTM reference** 12.495403.3491290

STRUCTURAL INFORMATION

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 21.0 substructure concrete abutments, wingwalls and pier

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

 $\begin{array}{ccc} \text{structure width} & 0.0 & \text{other features} & \text{none} \end{array}$

HISTORICAL INFORMATION

construction date 1952 designer/engineer Arizona Highway Department

project number FI-86(13) builder/contractor Daley Construction Company, San Diego CA information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1978 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Santa Cruz inventory number 04696 19.35 milepost inventory route I 19; EFR location 10.7 mi S Co Bdry feature intersected Wash city/vicinity Tumacacori **USGS** quadrangle Tubac

district 81 **UTM reference** 12.495058.3493227

STRUCTURAL INFORMATION

main span number 6 main span type 219
appr. span number 0 appr. span type
degree of skew 0 guardrail type 6

main span length 10.0 superstructure concrete box culvert structure length 64.0 substructure concrete abutments, wingwalls and piers

roadway width 40.3 floor/decking asphalt roadway

structure width 42.8 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1952 designer/engineer Arizona Highway Department

 project number
 FI-86(13)
 builder/contractor
 Daley Construction Company, San Diego CA

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) 1978 alterations barrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 04 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

DDADEDTY	IDENITIES ATION	
PROPERTY	IDENTIFICATION	

county Santa Cruz inventory number 04697 21.03 milepost inventory route I 19; EFR location 9.2 mi S Co Bdry feature intersected Wash city/vicinity Carmen **USGS** quadrangle Tubac

district 81 **UTM reference** 12.495178.3495738

STRUCTURAL INFORMATION

structure length 64.0 substructure concrete abutments, wingwalls and piers

roadway width 40.4 floor/decking asphalt roadway

structure width 43.0 other features steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1952 designer/engineer Arizona Highway Department

 project number
 FI-86(13)
 builder/contractor
 Daley Construction Company, San Diego CA

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) 1978 **alterations** barrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 04 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Santa Cruz inventory number 04699 22.16 milepost inventory route I 19; N & S location 15.5 mi N Jct SR 289 feature intersected Wash city/vicinity Tubac **USGS** quadrangle Tubac

district 81 **UTM** reference 12.495054.3497708

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type 6 degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

21.0 structure length substructure concrete abutments, wingwalls and pier

0.0 roadway width floor/decking asphalt roadway

steel Thrie beam guardrails 0.0 structure width other features

HISTORICAL INFORMATION

construction date 1932 designer/engineer Arizona Highway Department

FAP 86-C project number builder/contractor General Contracting Corp., Salt Lake City UT information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1952 1978 alterations barrels extended, twice; Thrie beam guardrails

installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

inventory score 08 non-eligible

NRHP eligibility **NRHP** criteria C

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

Culvert

PROPERTY IDENTIFICATION

county Santa Cruz inventory number 04707

district 81 **UTM reference** 12.493850.3507255

STRUCTURAL INFORMATION

 $\begin{array}{ccc} \text{main span number} & 3 & & \text{main span type} & & 219 \end{array}$

appr. span number $\ 0$ appr. span type degree of skew $\ 0$ guardrail type $\ 6$

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 32.0 substructure concrete abutments, wingwalls and piers

roadway width 40.3 floor/decking asphalt roadway

structure width 42.9 other features steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date1932designer/engineerArizona Highway Departmentproject numberFAP 86-Dbuilder/contractorStanley Jaicks Company, Tucson AZ

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1953 ca1980 alterations three barrels filled in; Thrie beam guardrails

installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 11 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign

420 South County Road 23E Loveland, Colorado 80537

May 2009

Sopori River Bridge

PROPERTY IDENTIFICATION

county Santa Cruz inventory number 00404

milepost 29.60 inventory route I 19; W Frontage Road

 location
 29.6 mi North US Border
 feature intersected
 Sopori River

 city/vicinity
 Arivaca Junction
 USGS quadrangle
 Amado

district 81 **UTM reference** 12.494267.3509646

STRUCTURAL INFORMATION

 $\begin{array}{lll} \mbox{main span number} & 4 & \mbox{main span type} & 104 \\ \mbox{appr. span number} & 0 & \mbox{appr. span type} & \end{array}$

degree of skew 0 guardrail type 4
main span length 36.0 superstructure concrete decl

main span length36.0superstructureconcrete deck girderstructure length190.0substructureconcrete abutments, wingwalls and piersroadway width40.1floor/deckingconcrete deck with asphalt overlaystructure width44.5other featuressolid concrete guardrails with steel beams

HISTORICAL INFORMATION

construction date1929designer/engineerArizona Highway Departmentproject numberFAP 86-Dbuilder/contractorStanley Jaicks Company, Tucson AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)19531985alterationsdeck widened and guardrails replaced; flood

repairs

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 32 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Old Junction Wash Bridge

PROPERTY IDENTIFICATION

county Pima inventory number 00361

milepost30.50inventory routeI 19; W Frontage Roadlocation23.0 mi North Jct SR 289feature intersectedOld Junction Wash

city/vicinity Arivaca Junction USGS quadrangle Amado

district 81 **UTM reference** 12.494753.3511096

STRUCTURAL INFORMATION

main span length 32.0 superstructure concrete deck girder structure length 64.0 substructure concrete abutments, wingwalls and pier

roadway width 38.0 floor/decking concrete deck with asphalt overlay

structure width 43.0 other features solid concrete guardrails with rectangular recessed

panels

HISTORICAL INFORMATION

construction date1932designer/engineerArizona Highway Departmentproject numberFAP 86-Dbuilder/contractorSkeels & Graham Company, Tucson AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) 1951 1996 alterations deck widened and guardrails replaced; flood

repairs

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple 1 Topolity Documentation 1 on

inventory score 25 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Bridge No. 3

PROPERTY IDENTIFICATION

county Pima inventory number 00356

milepost 31.00 inventory route I 19; W Frontage Road

 location
 23.3 mi North Jct SR 289
 feature intersected
 Tinaja Wash

 city/vicinity
 Arivaca Junction
 USGS quadrangle
 Amado

district 81 **UTM reference** 12.495115.3511605

STRUCTURAL INFORMATION

main span number 3 main span type 201
appr. span number 0 appr. span type

structure length 64.0 substructure concrete abutments, wingwalls and piers

roadway width 38.0 floor/decking concrete deck with asphalt overlay

structure width 43.0 other features solid concrete guardrails with rectangular recessed

panels

HISTORICAL INFORMATION

construction date designer/engineer 1932 Arizona Highway Department **FAP 25-B** project number builder/contractor Stanley Jaicks Company, Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1951 alterations 1985 deck widened and guardrails replaced; flood

repairs

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 21 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

city/vicinityArivaca JunctionUSGS quadrangleEsperanza Milldistrict81UTM reference12.496113.3513363

STRUCTURAL INFORMATION

structure length 66.0 substructure concrete abutments, wingwalls and piers

HISTORICAL INFORMATION

 construction date
 1951
 designer/engineer
 Arizona Highway Department

 project number
 NFA 86-G(51)
 builder/contractor
 Pioneer Constructors, Tucson AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) 1976 alterations barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 06 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

city/vicinityArivaca JunctionUSGS quadrangleEsperanza Milldistrict81UTM reference12.496896.3515100

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert structure length 34.0 substructure concrete abutments, wingwalls and piers

roadway width0.0floor/deckingasphalt roadwaystructure width0.0other featuressteel beam guardrails

HISTORICAL INFORMATION

 construction date
 1951
 designer/engineer
 Arizona Highway Department

 project number
 NFA 86-G(51)
 builder/contractor
 Pioneer Constructors, Tucson AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) 1976 alterations barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 03 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

city/vicinityArivaca JunctionUSGS quadrangleEsperanza Milldistrict81UTM reference12.498460.3518255

STRUCTURAL INFORMATION

main span number5main span type219appr. span number0appr. span typedegree of skew25guardrail typemain span length10.0superstructureconcrete box culvert

structure length 61.0 substructure concrete abutments, wingwalls and piers

roadway width0.0floor/deckingasphalt roadwaystructure width0.0other featuressteel beam guardrails

HISTORICAL INFORMATION

construction date 1949 designer/engineer Arizona Highway Department

project number NFA 86-G(49) builder/contractor Johnson Construction Company, Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1976 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 05

NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Esperanza Wash Bridge

DDODEDTY	IDENTIFICATION
PRUPERII	IDENTIFICATION

county Pima inventory number 00397 35.92 milepost inventory route I 19; NB location 7.3 mi S of Jct B19 feature intersected Esperanza Wash city/vicinity Arivaca Junction **USGS** quadrangle Esperanza Mill district **UTM** reference 12.498720.3518737

STRUCTURAL INFORMATION

main span number 8 main span type 201 appr. span number 0 appr. span type degree of skew 45 guardrail type 1 concrete slab 25.0 superstructure main span length 194.0 structure length substructure concrete abutments and column piers 42.2 roadway width floor/decking concrete deck

44.8 aluminum tubular guardrails structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1953 Arizona Highway Department FI-86(14) project number builder/contractor Western Constructors Inc., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1985 alterations 1976 1983 deck widened and guardrails replaced; check dam replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score NRHP eligibility non-eligible

> **NRHP** criteria C

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

Culvert

PROPERTY IDENTIFICATION

county Pima inventory number 04714

 $\begin{tabular}{lll} \textbf{location} & 25.0 \ mi \ S \ Jct \ SR \ 86 & \textbf{feature intersected} & Wash \end{tabular}$

city/vicinityGreen ValleyUSGS quadrangleEsperanza Milldistrict81UTM reference12.499285.3519880

STRUCTURAL INFORMATION

main span number 3 main span type 219

 $\begin{array}{lll} \mbox{appr. span number} & 0 & \mbox{appr. span type} \\ \mbox{degree of skew} & 25 & \mbox{guardrail type} \end{array}$

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 33.0 substructure concrete abutments, wingwalls and piers

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date 1953 designer/engineer Arizona Highway Department

 project number
 FI-86(14)
 builder/contractor
 Western Constructors Inc., Phoenix AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) 1976 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 03 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537 May 2009

viay 2009

Culvert

PROPERTY IDENTIFICATION

county Pima inventory number 04718 39.90 milepost inventory route I 19 location 32.8 mi N Jct SR 289 feature intersected Wash city/vicinity Green Valley **USGS** quadrangle Green Valley

district 81 **UTM reference** 12.500708.3524657

STRUCTURAL INFORMATION

main span number5main span type219appr. span number0appr. span typedegree of skew0guardrail typemain span length10.0superstructureconcrete box culvertstructure length55.0substructureconcrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

 $\begin{tabular}{lll} \bf structure \ width & 0.0 & \bf other \ features & none \\ \end{tabular}$

HISTORICAL INFORMATION

construction date 1953 designer/engineer Arizona Highway Department

 project number
 FI-86(15)
 builder/contractor
 Martin Construction Company, Tucson AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) 1976 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 05 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pima inventory number 05783 42.30 milepost inventory route I 19; NB location 0.9 mi S Jct B 19 feature intersected Wash city/vicinity Green Valley **USGS** quadrangle Sahuarita

district **UTM** reference 12.501262.3528490

STRUCTURAL INFORMATION

main span number 4 main span type 219 appr. span number 0 appr. span type degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

structure length 44.0 substructure concrete abutments, wingwalls and piers

floor/decking roadway width 0.0 asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

project number

construction date designer/engineer 1953 Arizona Highway Department F-039-1(11) builder/contractor

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1969 barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Santa Cruz River Bridge

PROPERTY IDENTIFICATION

location1.8 mi North Jct I 19feature intersectedSanta Cruz Rivercity/vicinitySahuaritaUSGS quadrangleBlack Mountaindistrict81UTM reference12.503586.3631843

STRUCTURAL INFORMATION

main span length70.0superstructuresteel I-beam stringerstructure length332.0substructureconcrete abutments, wingwalls and piersroadway width30.0floor/deckingconcrete deck with asphalt overlay

structure width 35.0 other features concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date1953designer/engineerArizona Highway Departmentproject numberNF-86(53)Abuilder/contractorPioneer Constructors, Tucson AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1985alterationsdeck widened and guardrails replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 20 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pima inventory number 04721 49.07 milepost inventory route B 19 location 5.2 mi North Jct I 19 feature intersected Wash city/vicinity Sahuarita **USGS** quadrangle Sahuarita

district **UTM** reference 12.504283.3537212

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete box culvert main span length 10.0 superstructure

21.0 structure length substructure concrete abutments, wingwalls and pier

45.5 floor/decking roadway width asphalt roadway

47.0 none structure width other features

HISTORICAL INFORMATION

project number

construction date designer/engineer 1938 Arizona Highway Department NFA 86(53)A builder/contractor

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1953 barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Wash Bridge

PROPERTY IDENTIFICATION

county Pima inventory number 00206 52.95 milepost inventory route B 19 location 9.1 mi North Jct I 19 feature intersected Wash city/vicinity South Tucson **USGS** quadrangle Tucson SW

district **UTM** reference 12.504760.3543442

STRUCTURAL INFORMATION

main span number 2 main span type 101 appr. span number 0 appr. span type 6 degree of skew guardrail type concrete slab 18.0 superstructure main span length

structure length 37.0 substructure concrete abutments, wingwalls and pier roadway width 36.0 floor/decking concrete deck with asphalt overlay

steel beam guardrails 38.5 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1929 Arizona Highway Department FAP 86-A project number builder/contractor

state work force

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations 1938 1945 deck widened; guardrails replaced; deck replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Wash Bridge

PROPERTY IDENTIFICATION

county Pima inventory number 00207 53.38 milepost inventory route B 19 location 9.5 mi North Jct I 19 feature intersected Wash city/vicinity South Tucson **USGS** quadrangle Tucson SW

district **UTM** reference 12.504807.3544140

STRUCTURAL INFORMATION

main span number 3 main span type 101 appr. span number 0 appr. span type 6 degree of skew guardrail type concrete slab 18.0 superstructure main span length

structure length 55.0 substructure concrete abutments, wingwalls and piers

roadway width 36.0 floor/decking concrete deck with asphalt overlay

steel beam guardrails 38.5 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1929 Arizona Highway Department FAP 86-A project number builder/contractor

state work force

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations 1938 1945 deck widened; guardrails replaced; deck replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Wash Bridge

PROPERTY IDENTIFICATION

county Pima inventory number 00208 53.95 milepost inventory route B 19 location 10.1 mi North Jct I 19 feature intersected Wash city/vicinity South Tucson **USGS** quadrangle Tucson SW

district 81 **UTM** reference 12.504807.3544140

STRUCTURAL INFORMATION

structure length37.0substructureconcrete abutments, wingwalls and pierroadway width36.0floor/deckingconcrete deck with asphalt overlay

structure width 38.5 other features steel beam guardrails

HISTORICAL INFORMATION

construction date1929designer/engineerArizona Highway Departmentproject numberFAP 86-Abuilder/contractorstate work force

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1938 1945 alterations deck widened; guardrails replaced; deck replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 34 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Scoops Wash Bridge

PROPERTY IDENTIFICATION

countyPimainventory number00209milepost54.39inventory routeB 19

 location
 10.5 mi North Jct I 19
 feature intersected
 Scoops Wash

 city/vicinity
 South Tucson
 USGS quadrangle
 Tucson SW

district 81 **UTM** reference 12.504742.3545028

STRUCTURAL INFORMATION

 $\begin{array}{lll} \mbox{main span number} & 2 & \mbox{main span type} & \\ \mbox{appr. span number} & 0 & \mbox{appr. span type} & \end{array}$

degree of skew 0 guardrail type 6

main span length 17.0 superstructure concrete slab

structure length37.0substructureconcrete abutments, wingwalls and pierroadway width36.0floor/deckingconcrete deck with asphalt overlay

structure width 38.5 other features steel beam guardrails

HISTORICAL INFORMATION

construction date 1929 designer/engineer Arizona Highway Department

project number FAP 86-A builder/contractor state work force

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1938 1945 alterations deck widened; guardrails replaced; deck replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 34 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Budweiser Wash Bridge

PROPERTY IDENTIFICATION

county Pima inventory number 00203 55.49 milepost inventory route B 19

location 11.6 mi North Jct I 19 feature intersected Budweiser Wash city/vicinity South Tucson **USGS** quadrangle Tucson SW

district **UTM** reference 12.504210.3546840

STRUCTURAL INFORMATION

main span number 2 main span type 101 appr. span number 0 appr. span type 6 degree of skew guardrail type

concrete slab 17.0 superstructure main span length

structure length 37.0 substructure concrete abutments, wingwalls and pier roadway width 36.0 floor/decking concrete deck with asphalt overlay

steel beam guardrails 38.3 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1929 Arizona Highway Department FAP 86-A project number builder/contractor state work force

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1938 1945 deck widened; guardrails replaced; deck replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

Xavier Wash Culvert

	TV IDENIT	IFICATION
FNUFER		IFICATION

county Pima inventory number 04723 56.47 milepost inventory route SB 19 location 7.0 mi S Jct SR 86 feature intersected Xavier Wash city/vicinity South Tucson **USGS** quadrangle Tucson SW

district 81 **UTM reference** 12.503843.3548984

STRUCTURAL INFORMATION

structure length 64.0 substructure concrete abutments, wingwalls and piers

 $\begin{tabular}{lll} {\bf roadway \ width} & 0.0 & {\bf floor/decking} & {\bf asphalt \ roadway} \end{tabular}$

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date 1949 designer/engineer Arizona Highway Department

project number NFA 86(49) builder/contractor San Xavier Rock & Sand Company, Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 16 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typically configured example of common, later structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Santa Cruz River Bridge

PROPERTY IDENTIFICATION

county Pima inventory number 01547

milepost56.94inventory routeI 19; SB Ramplocation6.0 mi S of Jct I-10feature intersectedSanta Cruz Rivercity/vicinitySouth TucsonUSGS quadrangleTucson SW

district 81 **UTM reference** 12.500410.3552053

STRUCTURAL INFORMATION

 $\begin{array}{ccc} \text{main span number} & 9 & & \text{main span type} & & 402 \end{array}$

 $\begin{array}{lll} \mbox{appr. span number} & 0 & \mbox{appr. span type} \\ \mbox{degree of skew} & 0 & \mbox{guardrail type} & 9 \end{array}$

 main span length
 54.0
 superstructure
 steel I-beam stringer

structure length 446.0 substructure concrete abutments, wingwalls and piers roadway width 27.0 floor/decking concrete deck with asphalt overlay

structure width 30.3 other features concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date 1956 designer/engineer Arizona Highway Department

project numberS-248(2)builder/contractorMartin Construction Company, Tucson AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1986alterationsdeck widened and guardrails replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 18 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

IDENTIFICATION

county Pima inventory number 04724 58.35 milepost inventory route SB 19 location 5.1 mi S Jct SR 86 feature intersected Wash city/vicinity South Tucson **USGS** quadrangle Tucson SW

district 81 **UTM reference** 12.503707.3552004

STRUCTURAL INFORMATION

structure length 67.0 substructure concrete abutments, wingwalls and piers

roadway width 75.0 floor/decking asphalt roadway

structure width 85.5 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

 construction date
 1951
 designer/engineer
 Arizona Highway Department

 project number
 FI-29(5)
 builder/contractor
 Pioneer Constructors, Tucson AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) 1990 alterations barrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 06 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pima inventory number 04726 62.82 milepost inventory route B 19 location 0.7 mi S Jct SR 86 feature intersected Wash city/vicinity Tucson **USGS** quadrangle Tucson

district 81 **UTM reference** 12.502937.3559100

STRUCTURAL INFORMATION

main span number 5 main span type 219
appr. span number 0 appr. span type
degree of skew 25 guardrail type 4

main span length 10.0 superstructure concrete box culvert structure length 62.0 substructure concrete abutments, wingwalls and piers

roadway width58.0floor/deckingasphalt roadwaystructure width82.0other featuresconcrete guardrails

HISTORICAL INFORMATION

construction date 1957 designer/engineer Arizona Highway Department

project numberNF-001-1(57)Abuilder/contractorJohnson Construction Company, Tucson AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 11 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typically configured example of common, later structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

South 12th Avenue Ramp D Overpass

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city/vicinity South Tucson USGS quadrangle Tucson

district 81 **UTM reference** 12.502132.3562018

STRUCTURAL INFORMATION

main span length 60.0 superstructure concrete deck girder

structure length 123.0 **substructure** concrete abutments and column piers

roadway width 19.0 floor/decking concrete deck

structure width 24.5 other features concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date1963designer/engineerF.M. Limbaugh; Karan Engin. Co.project numberI-10-4(22)builder/contractorAshton Building Company Inc., Tucson AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1985alterationsguardrails replaced with Jersey barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 14 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

South 12th Avenue Ramp A Overpass

county Pima inventory number 01074 62.95 milepost inventory route I 19; Ramp A location 0.2 mi S Jct I 10 feature intersected S 12th Avenue city/vicinity South Tucson **USGS** quadrangle Tucson

district 81 **UTM reference** 12.502004.3562375

STRUCTURAL INFORMATION

main span length63.0superstructureconcrete deck girderstructure length136.0substructureconcrete abutments and column piers

roadway width 38.0 floor/decking concrete deck

structure width 43.2 other features concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date1963designer/engineerF.M. Limbaugh; Karan Engin. Co.project numberI-10-4(22)builder/contractorAshton Building Company Inc., Tucson AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1985alterationsguardrails replaced with Jersey barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 14 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

South 12th Avenue Ramp B Overpass

county Pima inventory number 01075 62.95 milepost inventory route I 19; Ramp B location 0.2 mi S Jct I 10 feature intersected S 12th Avenue city/vicinity South Tucson **USGS** quadrangle Tucson

district 81 UTM reference 12.502208.3561817

STRUCTURAL INFORMATION

main span length63.0superstructureconcrete deck girderstructure length136.0substructureconcrete abutments and column piers

roadway width 20.0 floor/decking concrete deck

structure width 25.0 other features concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date1963designer/engineerF.M. Limbaugh; Karan Engin. Co.project numberI-10-4(22)builder/contractorAshton Building Company Inc., Tucson AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1985alterationsguardrails replaced with Jersey barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 14 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

South 12th Avenue Ramp C Overpass

county Pima inventory number 01076 62.95 milepost inventory route I 19; Ramp C location 0.2 mi S Jct I 10 feature intersected S 12th Avenue

city/vicinity South Tucson **USGS** quadrangle Tucson

district **UTM** reference 12.502218.3561790

STRUCTURAL INFORMATION

main span number 3 main span type 204 appr. span number 0 appr. span type degree of skew guardrail type

concrete deck girder 83.0 superstructure main span length

structure length 173.0 substructure concrete abutments and column piers

roadway width 38.0 floor/decking concrete deck

concrete Jersey barrier guardrails with Thrie beams 43.2 structure width other features

at approaches

HISTORICAL INFORMATION

construction date designer/engineer 1963 F.M. Limbaugh; Karan Engin. Co. I-10-4(22) project number builder/contractor Ashton Building Company Inc., Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations 1985 guardrails replaced with Jersey barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY	IDENTIFICATION
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county Mohave inventory number 04189 7.16 milepost inventory route I 40; WB location 2.6 mi West of Jct SR 95 feature intersected Wash city/vicinity Powell **USGS** quadrangle Franconia

district 86 **UTM reference** 11.742052.3846113

STRUCTURAL INFORMATION

 $\begin{array}{lll} \text{main span number} & 6 & \text{main span type} & 219 \\ \text{appr. span number} & 0 & \text{appr. span type} & \\ \end{array}$

structure length 64.0 **substructure** concrete abutments, wingwalls and piers

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date1952designer/engineerArizona Highway Departmentproject numberFI-85(9)builder/contractorH.L. Royden, Phoenix AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1976 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 06 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Mohave inventory number 04191 8.44 milepost inventory route I 40; WB location 1.4 mi West of Jct SR 95 feature intersected Wash city/vicinity Powell **USGS** quadrangle Franconia

district 86 **UTM reference** 11.744145.3846244

STRUCTURAL INFORMATION

main span number 6 main span type 219 appr. span number 0 appr. span type degree of skew guardrail type concrete box culvert main span length 10.0 superstructure structure length 65.0 substructure concrete abutments, wingwalls and piers 0.0 floor/decking roadway width asphalt roadway

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date1952designer/engineerArizona Highway Departmentproject numberFI-85(9)builder/contractorH.L. Royden, Phoenix AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1972 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 06 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Mohave inventory number 04192 8.73 milepost inventory route I 40; WB location 1.1 mi West of Jct SR 95 feature intersected Wash city/vicinity Powell **USGS** quadrangle Franconia

district 86 **UTM reference** 11.744485.3846280

STRUCTURAL INFORMATION

 $\begin{array}{lllll} \text{main span number} & 4 & \text{main span type} & 219 \\ \text{appr. span number} & 0 & \text{appr. span type} \\ \text{degree of skew} & 0 & \text{guardrail type} \end{array}$

main span length 10.0 superstructure concrete box culvert

structure length 43.0 **substructure** concrete abutments, wingwalls and piers

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date1952designer/engineerArizona Highway Departmentproject numberFI-85(9)builder/contractorH.L. Royden, Phoenix AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1972 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 04 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Mohave inventory number 04193

9.55 milepost inventory route I 40; EB & WB

location 0.3 mi West of Jct SR 95 feature intersected Wash city/vicinity Franconia **USGS** quadrangle Franconia

district 86 **UTM** reference 11.746000.3846364

STRUCTURAL INFORMATION

main span number 8 main span type 219

appr. span number 0 appr. span type degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

structure length 87.0 substructure concrete abutments, wingwalls and piers

0.0 floor/decking roadway width asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1952 Arizona Highway Department FI-85(9) project number builder/contractor H.L. Royden, Phoenix AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1972 barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

Culvert

PROPERTY IDENTIFICATION

county Mohave inventory number 04194

9.98 milepost inventory route I 40; EB & WB

location 0.2 mi East of Jct SR 95 feature intersected Wash city/vicinity Franconia **USGS** quadrangle Franconia

district 86 **UTM** reference 11.746708.3846420

STRUCTURAL INFORMATION

main span number 5 main span type 219

appr. span number 0 appr. span type degree of skew guardrail type

concrete box culvert main span length 12.0 superstructure

structure length 65.0 substructure concrete abutments, wingwalls and piers

0.0 floor/decking roadway width asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1952 Arizona Highway Department FI-85(9) project number builder/contractor H.L. Royden, Phoenix AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1972 barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

NRHP eligibility non-eligible inventory score 05

NRHP criteria

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

Culvert

PROPERTY IDENTIFICATION

county Mohave inventory number 04195 10.67 milepost inventory route I 40; WB location 0.9 mi East of Jct SR 95 feature intersected Wash city/vicinity Franconia **USGS** quadrangle Franconia

district **UTM** reference 11.747080.3846430

STRUCTURAL INFORMATION

main span number 9 main span type 219 appr. span number 0 appr. span type 6 degree of skew guardrail type 10.0 superstructure

concrete box culvert main span length structure length 98.0 substructure concrete abutments, wingwalls and piers

roadway width 41.5 floor/decking asphalt roadway

steel Thrie beam guardrails 50.8 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1952 Arizona Highway Department FI-85(9) project number builder/contractor H.L. Royden, Phoenix AZ

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1972 ca1990 alterations barrels extended; Thrie beams installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

inventory score 09 NRHP eligibility non-eligible

NRHP criteria

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Chemehuevi Wash Bridge

PROPERTY IDENTIFICATION

 $\begin{array}{cccc} \textbf{county} & \textbf{Mohave} & \textbf{inventory number} & 00376 \\ \textbf{milepost} & 11.46 & \textbf{inventory route} & \text{I 40; WB} \\ \end{array}$

location 1.7 mi East Jct SR 95 feature intersected Chemehuevi Wash

city/vicinity Franconia USGS quadrangle Franconia

district 86 **UTM reference** 11.748308.3846513

STRUCTURAL INFORMATION

main span length 30.0 superstructure concrete slab

structure length 142.0 substructure concrete abutments, wingwalls and piers roadway width 42.0 floor/decking concrete deck with asphalt overlay structure width 44.6 other features steel beam guardrails with Thrie beams at

approaches

HISTORICAL INFORMATION

construction date1952designer/engineerArizona Highway Departmentproject numberFI-85(9)builder/contractorH.L. Royden, Phoenix AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1972 alterations deck widened; Thrie beams added at approaches

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 18 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Franconia Wash Bridge

PROPERTY IDENTIFICATION

county Mohave inventory number 00377 13.61 milepost inventory route I 40; WB location 3.8 mi East of Jct SR 95 feature intersected Franconia Wash city/vicinity Franconia **USGS** quadrangle Franconia

ity/vicinity Franconia USGS quadrangle Franconi

district 86 **UTM reference** 11.751715.3847348

STRUCTURAL INFORMATION

main span length 25.0 superstructure concrete slab

structure length163.0substructureconcrete abutments, wingwalls and piersroadway width42.0floor/deckingconcrete deck with asphalt overlaystructure width44.6other featuressteel beam guardrails with Thrie beams at

approaches

HISTORICAL INFORMATION

 construction date
 1951
 designer/engineer
 Arizona Highway Department

project numberFI-85(6)builder/contractorPhoenix-Tempe Stone Co., Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) 1972 alterations deck widened and two spans added; Thrie beams

added at approaches

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple 1 Toperty Documentation 1 on

inventory score 17 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537 May 2009

nay 2009

Culvert

PROPERTY IDENTIFICATION

city/vicinityFranconiaUSGS quadrangleBuck Mountainsdistrict86UTM reference11.752817.3848050

STRUCTURAL INFORMATION

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length43.0substructureconcrete abutments, wingwalls and piersroadway width84.0floor/deckingasphalt roadway

structure width 86.0 other features none

HISTORICAL INFORMATION

construction date 1952 designer/engineer Arizona Highway Department

project number FI-85(6) builder/contractor Phoenix-Tempe Stone Co., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1968 alterations barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 04 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Mohave inventory number 05839 17.62 milepost inventory route I 40; WB location 7.8 mi East of Jct SR 95 feature intersected Wash city/vicinity Yucca **USGS** quadrangle Yucca

district 86 **UTM reference** 11.756795.3851235

STRUCTURAL INFORMATION

main span number 6 main span type 219 appr. span number 0 appr. span type degree of skew guardrail type concrete box culvert main span length 10.0 superstructure structure length 64.0 substructure concrete abutments, wingwalls and piers 0.0 floor/decking roadway width asphalt roadway

structure width 0.0 other features none

HISTORICAL INFORMATION

 construction date
 1952
 designer/engineer
 Arizona Highway Department

 project number
 FI-85(6)
 builder/contractor
 Phoenix-Tempe Stone Co., Phoenix AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) 1968 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 06 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Illavar Wash Culvert

PROPERTY IDENTIFICATION

county Mohave inventory number 05840 18.32 milepost inventory route I 40; WB location 8.5 mi East of Jct SR 95 feature intersected Illavar Wash city/vicinity Yucca **USGS** quadrangle Yucca

regivicinity rucca 0905 quadrangle rucca

district 86 **UTM reference** 11.757603.3851984

STRUCTURAL INFORMATION

 $\begin{array}{lll} \text{main span number} & 10 & \text{main span type} & 219 \\ \text{appr. span number} & 0 & \text{appr. span type} \end{array}$

degree of skew 0 guardrail type

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 109.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

 $\begin{array}{ccc} \text{structure width} & 0.0 & \text{other features} & \text{none} \end{array}$

HISTORICAL INFORMATION

 construction date
 1952
 designer/engineer
 Arizona Highway Department

project numberFI-85(6)builder/contractorPhoenix-Tempe Stone Co., Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) 1968 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 10 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Mohave inventory number 05842 18.49 milepost inventory route I 40; WB location 8.7 mi East of Jct SR 95 feature intersected Wash city/vicinity Yucca **USGS** quadrangle Yucca

district 86 **UTM reference** 11.757824.3852190

STRUCTURAL INFORMATION

 $\begin{array}{lll} \mbox{main span number} & 5 & \mbox{main span type} & 219 \\ \mbox{appr. span number} & 0 & \mbox{appr. span type} & \end{array}$

 $\begin{tabular}{lll} \begin{tabular}{lll} \begin{$

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 62.0 substructure concrete abutments, wingwalls and piers

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

structure width 0.0 other features none

HISTORICAL INFORMATION

 construction date
 1952
 designer/engineer
 Arizona Highway Department

project number FI-85(7) builder/contractor Phoenix-Tempe Stone Co., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1968 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 05 NRHP eligibility non-eligible NRHP criteria A B C

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537 May 2009

lay 2009

Culvert

PROPERTY IDENTIFICATION

county Mohave inventory number 05843 19.89 milepost inventory route I 40; WB location 10.1 mi East of Jct SR 95 feature intersected Wash city/vicinity Yucca **USGS** quadrangle Yucca

district 86 **UTM reference** 11.759492.3853723

STRUCTURAL INFORMATION

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length21.0substructureconcrete abutments, wingwalls and pierroadway width0.0floor/deckingasphalt roadway

structure width 0.0 other features none

HISTORICAL INFORMATION

 construction date
 1951
 designer/engineer
 Arizona Highway Department

 project number
 FI-85(7)
 builder/contractor
 Phoenix-Tempe Stone Co., Phoenix AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 12 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typically configured example of common, later structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Flat Top Wash Bridge

PROPERTY IDENTIFICATION

county Mohave inventory number 01312 21.01 milepost inventory route I 40; WB location 11.2 mi East Jct SR 95 feature intersected Flat Top Wash city/vicinity Yucca **USGS** quadrangle Yucca

district 86 **UTM** reference 11.760586.3855223

STRUCTURAL INFORMATION

main span number 5 main span type 201 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete slab 30.0 superstructure main span length

structure length 142.0 substructure concrete abutments, steel pile piers with concrete

42.1 concrete deck roadway width floor/decking

structure width 45.1 other features aluminum tubular guardrails

HISTORICAL INFORMATION

construction date 1951 designer/engineer Arizona Highway Department project number FI-85(7) builder/contractor Phoenix-Tempe Stone Co., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1969 1982 1990 alterations deck widened and guardrails replaced; bank

protection built

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

inventory score NRHP eligibility non-eligible

> **NRHP** criteria C

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Happy Jack Wash Bridge

PROPERTY IDENTIFICATION

 $\begin{array}{cccc} \textbf{county} & \textbf{Mohave} & \textbf{inventory number} & 00364 \\ \textbf{milepost} & 21.84 & \textbf{inventory route} & \text{I 40; WB} \\ \end{array}$

location 12.1 mi East Jct SR 95 feature intersected Happy Jack Wash

city/vicinity Yucca USGS quadrangle Yucca

district 86 **UTM reference** 11.761007.3856400

STRUCTURAL INFORMATION

main span length 25.0 superstructure concrete slab

structure length 119.0 substructure concrete abutments, steel pile piers with concrete

infill

roadway width 42.3 floor/decking concrete deck

structure width 45.3 other features aluminum tubular guardrails

HISTORICAL INFORMATION

construction date 1952 designer/engineer Arizona Highway Department

project numberFI-85(7)builder/contractorPhoenix-Tempe Stone Co., Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)196719821990alterationsdeck widened and guardrails replaced; bank

ieck widefied and guardrans fo

protection built

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 21 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Mackenzie Wash Bridge

PRO	PERTY	IDENT	IFICAT	ION
-----	-------	-------	---------------	-----

 county
 Mohave
 inventory number
 00365

 milepost
 23.56
 inventory route
 I 40; WB

 location
 13.8 mi East Jct SR 95
 feature intersected
 Mackenzie Wash

city/vicinity Yucca USGS quadrangle Yucca

district 86 **UTM reference** 11.761000.3859258

STRUCTURAL INFORMATION

structure length 202.0 substructure concrete abutments, steel pile piers with concrete

infill

roadway width 42.2 floor/decking concrete deck

structure width 45.2 other features aluminum tubular guardrails

HISTORICAL INFORMATION

construction date 1951 designer/engineer Arizona Highway Department

project numberFI-85(7)builder/contractorPhoenix-Tempe Stone Co., Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)196719821990alterationsdeck widened and guardrails replaced; bank

protection built

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 20 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Mohave inventory number 05846 24.28 milepost inventory route I 40; WB location 14.5 mi East of Jct SR 95 feature intersected Wash city/vicinity Yucca **USGS** quadrangle Yucca

district 86 **UTM reference** 11.760913.3860280

STRUCTURAL INFORMATION

structure length 43.0 **substructure** concrete abutments, wingwalls and piers

roadway width 38.0 floor/decking asphalt roadway

structure width 49.0 other features steel Thrie beam guardrails

HISTORICAL INFORMATION

 construction date
 1952
 designer/engineer
 Arizona Highway Department

project numberFI-85(7)builder/contractorPhoenix-Tempe Stone Co., Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1989alterationsbarrels extended; Thrie beams added

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 04 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Willow Creek Bridge

PROPERTY IDENTIFICATION

county Mohave inventory number 00380 26.49 milepost inventory route I 40; WB location 16.7 mi East Jct SR 95 feature intersected Willow Creek city/vicinity Yucca **USGS** quadrangle Yucca NW

district 86 **UTM reference** 11.760575.3863789

STRUCTURAL INFORMATION

structure length 221.0 substructure concrete abutments, wingwalls and piers

roadway width 42.1 floor/decking concrete deck

structure width 45.1 **other features** concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date 1952 designer/engineer Arizona Highway Department

 project number
 FI-85(8)
 builder/contractor
 Phoenix-Tempe Stone Co., Phoenix AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

 alteration date(s)
 1989
 alterations
 deck widened and Jersey barriers installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 19 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Yucca Overpass

PROPERTY IDENTIFICATION

 $\begin{array}{cccc} \textbf{county} & \textbf{Mohave} & \textbf{inventory number} & 00381 \\ \textbf{milepost} & 26.93 & \textbf{inventory route} & \text{I 40; WB} \\ \end{array}$

location 17.2 mi East Jct SR 95 feature intersected Atchison, Topeka & Santa Fe RR

 $\begin{array}{cccc} \text{city/vicinity} & \text{Yucca} & \text{USGS quadrangle} & \text{Yucca} \ \text{NW} \end{array}$

 $\textbf{district} \hspace{15mm} \textbf{86} \hspace{15mm} \textbf{UTM reference} \hspace{15mm} 11.760303.3864410$

STRUCTURAL INFORMATION

main span length 89.0 superstructure steel I-beam stringer

structure length 236.0 substructure concrete abutments, wingwalls and piers

roadway width 42.0 floor/decking concrete deck

structure width 45.0 other features concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date1952designer/engineerArizona Highway Departmentproject numberFGI-85(8)builder/contractorPhoenix-Tempe Stone Co., Phoenix AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1989 alterations deck widened and Jersey barriers installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 18 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Rock Creek Bridge

PROPERTY IDENTIFICATION

county Mohave inventory number 00366 27.85 milepost inventory route I 40; EB location 18.1 mi East Jct SR 95 feature intersected Rock Creek city/vicinity Athos **USGS** quadrangle Yucca NW

district 86 **UTM reference** 11.759992.3865860

STRUCTURAL INFORMATION

main span number 4 main span type 201 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete slab main span length 35.0 superstructure structure length 129.0 substructure concrete abutments, wingwalls and piers

roadway width 42.3 floor/decking concrete deck with asphalt overlay

structure width 45.3 other features concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

 construction date
 1952
 designer/engineer
 Arizona Highway Department

 project number
 FI-85(8)
 builder/contractor
 Phoenix-Tempe Stone Co., Phoenix AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

 alteration date(s)
 1990
 1992
 alterations
 deck widened and Jersey barriers installed; bank

protection built

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 17 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Mohave inventory number 05850 29.03 milepost inventory route I 40; EB location 19.2 mi East Jct SR 95 feature intersected Wash city/vicinity Athos **USGS** quadrangle Yucca NW

district 86 **UTM** reference 11.760220.3867758

STRUCTURAL INFORMATION

main span number 6 main span type 219 appr. span number 0 appr. span type degree of skew guardrail type

10.0 concrete box culvert main span length superstructure

structure length 74.0 substructure concrete abutments, wingwalls and piers

floor/decking roadway width 0.0 asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1952 Arizona Highway Department FI-85(11) project number builder/contractor H.L. Royden, Phoenix AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score NRHP eligibility non-eligible

> NRHP criteria C

signif. statement typically configured example of common, later structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Mohave inventory number 05852 30.30 milepost inventory route I 40; EB location 20.5 mi East Jct SR 95 feature intersected Wash city/vicinity Athos **USGS** quadrangle Yucca NW

district 86 **UTM reference** 11.760470.3869755

STRUCTURAL INFORMATION

structure length 64.0 substructure concrete abutments, wingwalls and piers

roadway width 38.0 floor/decking asphalt roadway

structure width 42.0 other features concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date1952designer/engineerArizona Highway Departmentproject numberFI-85(11)builder/contractorH.L. Royden, Phoenix AZ

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) ca1990 alterations Jersey barrier guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 06 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Walnut Creek Bridge

PROPERTY	IDENTIFICATION
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county Mohave inventory number 00367 32.06 milepost inventory route I 40; EB location 16.8 mi South of Jct US 9 feature intersected Walnut Creek city/vicinity Athos **USGS** quadrangle Yucca NW

district 86 **UTM reference** 11.760850.3872737

STRUCTURAL INFORMATION

structure length 142.0 substructure concrete abutments, wingwalls and piers roadway width 42.2 floor/decking concrete deck with asphalt overlay

structure width 45.2 other features concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date1951designer/engineerArizona Highway Departmentproject numberFI-85(11)builder/contractorH.L. Royden, Phoenix AZ

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1990 alterations deck widened and guardrails replaced; bank

acek widefied and guardrans replaced, b

protection built

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 18 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Mohave inventory number 05854 32.89 milepost inventory route I 40; EB location 23.1 mi East Jct SR 95 feature intersected Wash city/vicinity Athos **USGS** quadrangle Yucca NW

district 86 **UTM reference** 11.760994.3873923

STRUCTURAL INFORMATION

 $\begin{array}{lll} \mbox{main span number} & 2 & \mbox{main span type} & 219 \\ \mbox{appr. span number} & 0 & \mbox{appr. span type} & \end{array}$

degree of skew 0 guardrail type

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 21.0 **substructure** concrete abutments, wingwalls and pier

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

 $\begin{array}{ccc} \text{structure width} & 0.0 & \text{other features} & \text{none} \end{array}$

HISTORICAL INFORMATION

construction date 1952 designer/engineer Arizona Highway Department

project numberFI-85(5)builder/contractorPhoenix-Tempe Stone Co., Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) 1997 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 02 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537 May 2009

1ay 2009

Culvert

PROPERTY IDENTIFICATION

county Mohave inventory number 05856 33.44 milepost inventory route I 40; EB location 15.5 mi South of Jct US 9 feature intersected Wash city/vicinity Drake **USGS** quadrangle Yucca NW

district 86 **UTM** reference 11.761088.3874770

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type degree of skew guardrail type concrete box culvert main span length 10.0 superstructure 21.0 structure length substructure concrete abutments, wingwalls and pier

0.0 floor/decking roadway width asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1952 Arizona Highway Department FI-85(5) project number builder/contractor Phoenix-Tempe Stone Co., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

inventory score NRHP eligibility non-eligible

> NRHP criteria C

signif. statement typically configured example of common, later structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

 county
 Mohave
 inventory number
 05858

 milepost
 34.03
 inventory route
 I 40; EB

 location
 14.9 mi S Jct US 93
 feature intersected
 Wash

city/vicinity Drake USGS quadrangle Yucca NW

district 86 **UTM reference** 11.761217.3875734

STRUCTURAL INFORMATION

main span number $\ 2$ main span type $\ 219$ appr. span number $\ 0$ appr. span type

degree of skew 0 guardrail type

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 21.0 **substructure** concrete abutments, wingwalls and pier

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date 1952 designer/engineer Arizona Highway Department

project numberFI-85(5)builder/contractorPhoenix-Tempe Stone Co., Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) 1993 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 02 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Black Rock Wash Bridge

PROPERTY IDENTIFICATION

 location
 14.1 mi S Jct US 93
 feature intersected
 Black Rock Wash

 city/vicinity
 Drake
 USGS quadrangle
 Kingman SW

 district
 86
 UTM reference
 11.761375.3877008

STRUCTURAL INFORMATION

structure length 140.0 substructure concrete abutments, wingwalls and piers roadway width 42.0 floor/decking concrete deck with asphalt overlay

structure width 45.0 other features solid concrete guardrails with recessed rectangular

panels

HISTORICAL INFORMATION

construction date1951designer/engineerArizona Highway Departmentproject numberFI-85(11)builder/contractorH.L. Royden, Phoenix AZ

information sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)19831993alterationsdeck widened and guardrails replaced; bank

protection built

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 18 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Mohave inventory number 05861 36.34 milepost inventory route I 40; EB location 12.6 mi South of Jct US 9 feature intersected Wash

city/vicinity Drake **USGS** quadrangle Kingman SW district 86 **UTM** reference 11.761683.3879467

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type degree of skew guardrail type

concrete box culvert main span length 12.0 superstructure

structure length 29.0 substructure concrete abutments, wingwalls and pier floor/decking roadway width 0.0 asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1952 Arizona Highway Department FI-85(11) project number builder/contractor H.L. Royden, Phoenix AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

inventory score 12 NRHP eligibility non-eligible

> NRHP criteria C

signif. statement typically configured example of common, later structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Mohave inventory number 05864 37.59 milepost inventory route I 40; EB location 11.3 mi West of Jct US 93 feature intersected Wash

city/vicinity Kingman **USGS** quadrangle Rattlesnake Hill district 86 **UTM** reference 12.236390.3898743

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type degree of skew guardrail type main span length 10.0 concrete box culvert superstructure

structure length 24.0 substructure concrete abutments, wingwalls and pier

floor/decking roadway width 0.0 asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1952 Arizona Highway Department FI-85(11) project number builder/contractor H.L. Royden, Phoenix AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 12 NRHP eligibility non-eligible

> NRHP criteria В C

signif. statement typically configured example of common, later structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Mohave inventory number 05866 38.39 milepost inventory route I 40; EB location 10.5 mi S Jct US 93 feature intersected Wash

city/vicinity Kingman **USGS** quadrangle Rattlesnake Hill district **UTM** reference 12.237640.3898626

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type degree of skew 45 guardrail type 10.0 concrete box culvert main span length superstructure

structure length 29.0 substructure concrete abutments, wingwalls and pier floor/decking roadway width 0.0 asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1952 Arizona Highway Department FI-85(11) project number builder/contractor H.L. Royden, Phoenix AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alterations

alteration date(s)

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

inventory score 12 NRHP eligibility non-eligible

NRHP criteria C

signif. statement typically configured example of common, later structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

city/vicinityKingmanUSGS quadrangleHualapai Springdistrict86UTM reference12.239605.3898460

STRUCTURAL INFORMATION

 $\begin{tabular}{lll} {\bf main span length} & 10.0 & {\bf superstructure} & {\bf concrete \ box \ culvert} \\ \end{tabular}$

structure length 49.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

 $\begin{array}{ccc} \text{structure width} & 0.0 & \text{other features} & \text{none} \end{array}$

HISTORICAL INFORMATION

 construction date
 1952
 designer/engineer
 Arizona Highway Department

 project number
 FI-85(11)
 builder/contractor
 H.L. Royden, Phoenix AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 14 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typically configured example of common, later structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

countyMohaveinventory number05869milepost39.88inventory routeI 40; EBlocation9.0 mi South Jct US 93feature intersectedWash

city/vicinityKingmanUSGS quadrangleHualapai Springdistrict86UTM reference12.239714.3898430

STRUCTURAL INFORMATION

structure length32.0substructureconcrete abutments, wingwalls and piersroadway width0.0floor/deckingasphalt roadway

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date 1952 designer/engineer Arizona Highway Department

 project number
 NFA 85(49)
 builder/contractor
 Reliance Trucking Company; A.L. Snuffer

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 11 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typically configured example of common, later structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Griffith Wash Bridge

PROPERTY IDENTIFICATION

county Mohave inventory number 00369 40.42 milepost inventory route I 40; EB location 8.5 mi South of Jct US 93 feature intersected Griffith Wash city/vicinity Griffith **USGS** quadrangle Kingman SE district 86 **UTM** reference 11.762484.3885930

STRUCTURAL INFORMATION

structure length140.0substructureconcrete abutments, wingwalls and piersroadway width42.0floor/deckingconcrete deck with asphalt overlaystructure width44.6other featuresaluminum tubular guardrails

HISTORICAL INFORMATION

construction date designer/engineer 1949 Arizona Highway Department NFA 85(49) project number builder/contractor Reliance Trucking Company; A.L. Snuffer information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1974 1993 alterations deck widened and guardrails replaced; bank protection built

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 16 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Mohave inventory number 04199 40.81 milepost inventory route I 40; EB location 8.0 mi West Jct US 93 feature intersected Wash

city/vicinity Griffith **USGS** quadrangle Kingman SE district 86 **UTM** reference 11.762570.3886682

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type

degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

21.0 structure length substructure concrete abutments, wingwalls and pier 0.0 floor/decking roadway width asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1949 Arizona Highway Department

NFA 85(49) project number builder/contractor Reliance Trucking Company; A.L. Snuffer information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1974 barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

Culvert

PROPERTY IDENTIFICATION

countyMohaveinventory number04200milepost42.32inventory routeI 40; EBlocation6.5 mi West Jct US 93feature intersectedWash

city/vicinityKingmanUSGS quadrangleHualapai Springdistrict86UTM reference12.243354.3897676

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert

structure length 43.0 substructure concrete abutments, wingwalls and piers

HISTORICAL INFORMATION

 construction date
 1949
 designer/engineer
 Arizona Highway Department

 project number
 NFA 85(49)
 builder/contractor
 Reliance Trucking Company; A.L. Snuffer

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) 1974 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 02 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

city/vicinityKingmanUSGS quadrangleHualapai Springdistrict86UTM reference12.243493.3897600

STRUCTURAL INFORMATION

main span length 12.0 superstructure concrete box culvert

structure length59.0substructureconcrete abutments, wingwalls and piersroadway width0.0floor/deckingasphalt roadway

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date 1949 designer/engineer Arizona Highway Department

 project number
 NFA 85(49)
 builder/contractor
 Reliance Trucking Company; A.L. Snuffer

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) 1974 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 04 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Mohave inventory number 04202 42.72 milepost inventory route I 40; EB location 6.1 mi South Jct US 93 feature intersected Wash

city/vicinity Kingman **USGS** quadrangle Hualapai Spring district **UTM** reference 12.243968.3897322

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

21.0 structure length substructure concrete abutments, wingwalls and pier

0.0 floor/decking roadway width asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1949 Arizona Highway Department

NFA 85(49) project number builder/contractor Reliance Trucking Company; A.L. Snuffer information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1974 barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible

inventory score NRHP criteria

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

04203

PROPERTY IDENTIFICATION

county Mohave inventory number

location 5.3 mi West Jct US 93 feature intersected Wash

city/vicinityKingmanUSGS quadrangleHualapai Springdistrict86UTM reference12.244005.3897120

STRUCTURAL INFORMATION

 $\begin{array}{ccc} \text{main span number} & 4 & & \text{main span type} & & 219 \end{array}$

 $\begin{array}{lll} \mbox{appr. span number} & 0 & \mbox{appr. span type} \\ \mbox{degree of skew} & 0 & \mbox{guardrail type} \end{array}$

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 43.0 substructure concrete abutments, wingwalls and piers

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

 $\begin{array}{ccc} \text{structure width} & 0.0 & \text{other features} & \text{none} \end{array}$

HISTORICAL INFORMATION

construction date 1952 designer/engineer Arizona Highway Department

project number NFA 85(49) builder/contractor Reliance Trucking Company; A.L. Snuffer information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1974 alterations barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 02 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY	IDENTIFICATION
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county Mohave inventory number 04205

 location
 2.6 mi South of Jct US 93
 feature intersected
 Wash

 city/vicinity
 McConnico
 USGS quadrangle
 Kingman

district 86 **UTM reference** 11.765894.3894553

STRUCTURAL INFORMATION

main span number 6 main span type 219

appr. span number $\ 0$ appr. span type degree of skew $\ 45$ guardrail type

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 91.0 **substructure** concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date 1954 designer/engineer Arizona Highway Department

project number NF-85(54) builder/contractor

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1978 alterations barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typically configured example of common, later structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Holymoses Wash Bridge

PROPERTY IDENTIFICATION

 $\begin{array}{cccc} \textbf{county} & \textbf{Mohave} & \textbf{inventory number} & 00247 \\ \textbf{milepost} & 46.75 & \textbf{inventory route} & FR \ 40 \\ \end{array}$

 location
 2.7 mi S Jct SB 40
 feature intersected
 Holymoses Wash

 city/vicinity
 McConnico
 USGS quadrangle
 Kingman

district 86 **UTM reference** 11.766568.3894900

STRUCTURAL INFORMATION

main span length37.0superstructuresteel I-beam stringer

structure length 251.0 substructure concrete abutments, wingwalls and piers roadway width 26.0 floor/decking concrete deck

structure width 29.0 other features concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date1939designer/engineerArizona Highway Departmentproject numberFAGH 85-Abuilder/contractorTanner Construction Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) 1972 1985 1995 alterations retaining wall built; scour protection built;

guardrails replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 25 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Johnson Wash Bridge

PROPERTY IDENTIFICATION

 $\begin{array}{cccc} \textbf{county} & \textbf{Mohave} & \textbf{inventory number} & 00220 \\ \textbf{milepost} & 52.89 & \textbf{inventory route} & SB 40 \\ \end{array}$

 location
 0.3 mi E Jct I 40
 feature intersected
 Johnson Wash

 city/vicinity
 Kingman
 USGS quadrangle
 Kingman

district 86 **UTM reference** 11.769612.3897848

STRUCTURAL INFORMATION

main span length 25.0 superstructure concrete slab

 structure length
 101.0
 substructure
 concrete abutments, wingwalls and piers

 roadway width
 64.0
 floor/decking
 concrete deck with asphalt overlay

structure width 76.0 other features steel baluster guardrails

HISTORICAL INFORMATION

construction date 1939 designer/engineer Arizona Highway Department

project numberFAP 123-Dbuilder/contractorTanner Construction Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1959alterationsdeck widened and guardrails replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 22 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Mohave inventory number 04207 52.96 milepost inventory route SB 40 location 0.5 mi E Jct I 40 feature intersected Wash city/vicinity Kingman **USGS** quadrangle Kingman

district 86 **UTM reference** 11.769660.3897866

STRUCTURAL INFORMATION

main span number 3 main span type 219

appr. span number 0 appr. span type
degree of skew 0 guardrail type
main span length 10.0 superstructure concrete box culvert

structure length32.0substructureconcrete abutments, wingwalls and piersroadway width0.0floor/deckingconcrete deck with asphalt overlay

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date1940designer/engineerArizona Highway Departmentproject numberFAGH 85-Abuilder/contractorTanner Construction Company

project numberFAGH 85-Abuilder/contractorTanner Construction Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 21 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typically configured example of common, later structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY	IDENTIFICATION	

county Mohave inventory number 05889

location 2.0 mi West of Jct US 93 feature intersected Wash

city/vicinityKingmanUSGS quadrangleTin Mountain NWdistrict86UTM reference12.251385.3894660

STRUCTURAL INFORMATION

 $\begin{array}{ccc} \text{main span number} & 3 & & \text{main span type} & & 219 \end{array}$

 $\begin{array}{lll} \mbox{appr. span number} & 0 & \mbox{appr. span type} \\ \mbox{degree of skew} & 45 & \mbox{guardrail type} \end{array}$

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 45.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

 $\begin{array}{ccc} \text{structure width} & 0.0 & \text{other features} & \text{none} \end{array}$

HISTORICAL INFORMATION

construction date 1963 designer/engineer Arizona Highway Department

project number I-40-2(11) builder/contractor Western Constructors Inc., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1981 alterations barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

Round Valley Underpass

PROPERTY	IDENTIFICATION
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county	Mohave	inventory number	01082
milepost	71.99	inventory route	US 93
location	at Jct I 40	feature intersected	Interstate 40
city/vicinity	Kingman	USGS quadrangle	Tin Mountain NW
district	86	UTM reference	12.254396.3894030

STRUCTURAL INFORMATION

main span number	4	main span type	402
appr. span number	0	appr. span type	
degree of skew	30	guardrail type	9
main span length	90.0	superstructure	steel I-beam stringer
structure length	287.0	substructure	concrete abutments and piers
roadway width	30.0	floor/decking	concrete deck with asphalt overlay
structure width	35.5	other features	concrete Jersey barrier guardrails with Thrie beams at approaches

HISTORICAL INFORMATION

construction date	1963	designer/engineer	Arizona Highway Department
project number	I-40-2(11)	builder/contractor	Western Constructors Inc., Phoenix AZ
information source	ADOT bridge records	structure owner	Arizona Department of Transportation
alteration date(s)	1996	alterations	guardrails replaced with Jersey barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

NRHP eligibility non-eligible
NRHP criteria A ______ B ____ C _____

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Partridge Creek Bridge

county Yavapai inventory number 00457 142.53 milepost inventory route I 40; WB location 3.72 mi W Jct SR 89 feature intersected Partridge Creek city/vicinity Ash Fork **USGS** quadrangle Cathedral Caves district 86 **UTM** reference 12.359913.3898642

STRUCTURAL INFORMATION

main span number 3 main span type 402 appr. span number 0 appr. span type 9 degree of skew guardrail type 54.0 superstructure steel I-beam stringer main span length structure length 147.0 substructure concrete abutments, wingwalls and spill-through 42.0 concrete deck roadway width floor/decking

structure width 45.2 other features concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date 1955 designer/engineer Arizona Highway Department project number FI-80(19) builder/contractor W.J. Henson Contracting Co., Prescott AZ

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1981 1996 alterations

concrete Jersey barriers installed; expansion joint

repairs

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

inventory score 12 NRHP eligibility non-eligible

> NRHP criteria В C

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Ash Fork Overpass

PROP	ERTY	IDENT	IFICATI	NC
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city/vicinity Ash Fork USGS quadrangle Ash Fork

district 86 **UTM reference** 12.364394.3898990

STRUCTURAL INFORMATION

main span number 3 main span type 201
appr. span number 0 appr. span type
degree of skew 4 guardrail type 9

main span length 36.0 superstructure concrete slab

structure length 102.0 substructure concrete abutments, wingwalls and spill-through

piers

roadway width 36.9 floor/decking concrete deck

structure width 42.6 other features concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date 1955 designer/engineer Arizona Highway Department

project numberING-80(18)builder/contractorFisher Contracting Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1981alterationsconcrete Jersey barriers installed

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NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 12 NRHP eligibility non-eligible

NRHP criteria A ____ B ___ C ___

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

Ash Fork Draw Culvert

PROPERTY IDENTIFICATION

 $\begin{array}{cccc} \textbf{county} & \textbf{Coconino} & \textbf{inventory number} & 06583 \\ \textbf{milepost} & 146.25 & \textbf{inventory route} & SB \ 40 \\ \end{array}$

district 86 **UTM reference** 12.365671.3898765

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert structure length 98.0 substructure concrete abutments, wingwalls and piers

roadway width 44.0 floor/decking asphalt roadway

structure width 53.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1934 designer/engineer Arizona Highway Department
project number FAP 89-B builder/contractor Packard & Tanner, Phoenix AZ
information source ADOT bridge records structure owner Arizona Department of Transportation

Allegation dates and approximate the state of the state o

alteration date(s) 1980 alterations barrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 17 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Yavapai inventory number 06711 147.50 milepost inventory route I 40 location 1.1 mi E Jct SR 89 feature intersected Wash city/vicinity Ash Fork **USGS** quadrangle Ash Fork

district 85 **UTM** reference 12.367782.3898366

STRUCTURAL INFORMATION

main span number 4 main span type 219 appr. span number 0 appr. span type degree of skew guardrail type concrete box culvert 8.0 superstructure main span length structure length 35.0 substructure

concrete abutments, wingwalls and piers

floor/decking roadway width 0.0 asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

project number

construction date designer/engineer 1955 Arizona Highway Department I-40-2(38) builder/contractor

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1980 barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible

inventory score

NRHP criteria

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Johnson Canyon Bridge

PROPERTY I	DENTIF	ICATION
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county Coconino inventory number 00441 148.91 milepost inventory route I 40; WB location 2.5 mi E Jct SR 89 feature intersected Johnson Canyon city/vicinity Ash Fork **USGS** quadrangle Ash Fork

district 85 **UTM reference** 12.370034.3897776

STRUCTURAL INFORMATION

main span length 25.0 superstructure concrete slab

structure length 52.0 substructure concrete abutments, wingwalls and pier roadway width 40.0 floor/decking concrete deck with asphalt overlay

structure width 45.0 other features concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date 1955 designer/engineer Arizona Highway Department

 project number
 FI-89(26)
 builder/contractor
 W.J. Henson Contracting Co., Prescott AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

 alteration date(s)
 1965
 1985
 alterations
 guardrails repaired, then replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 08 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

countyCoconinoinventory number05899milepost156.45inventory routeI 40; WBlocation10.0 mi East Jct SR 89feature intersectedWash

city/vicinityPine SpringsUSGS quadrangleMcLellan Reservoirdistrict85UTM reference12.381697.3898336

STRUCTURAL INFORMATION

structure length 21.0 **substructure** concrete abutments, wingwalls and pier

roadway width 0.0 floor/decking asphalt roadway

 $\begin{array}{ccc} \textbf{structure width} & 0.0 & \textbf{other features} & \text{steel Thrie beam guardrails} \\ \end{array}$

HISTORICAL INFORMATION

construction date 1950 designer/engineer Arizona Highway Department

project number FI-89(21) builder/contractor Basich Brothers Constr. Co., San Gabriel CA information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1966 alterations barrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 10 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Coconino inventory number 05901 157.20 milepost inventory route I 40; WB location 8.8 mi W Jct SR 64 feature intersected Wash

city/vicinity Pine Springs **USGS** quadrangle McLellan Reservoir district **UTM** reference 12.382947.3898190

STRUCTURAL INFORMATION

main span number 4 main span type 219 appr. span number 0 appr. span type degree of skew guardrail type concrete box culvert main span length 10.0 superstructure

structure length 44.0 substructure concrete abutments, wingwalls and piers floor/decking roadway width 0.0 asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1950 Arizona Highway Department

FI-89(21) project number builder/contractor Basich Brothers Constr. Co., San Gabriel CA information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 12 NRHP eligibility non-eligible

> NRHP criteria C

signif. statement typically configured example of common, later structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Williams Overpass

PROPERTY IDENTIFICATION

 $\begin{array}{cccc} \textbf{county} & \textbf{Coconino} & \textbf{inventory number} & 00473 \\ \textbf{milepost} & 164.70 & \textbf{inventory route} & SB \ 40 \\ \end{array}$

 location
 1.0 mi W Jct SR 64
 feature intersected
 AT&SF Railroad

 city/vicinity
 Williams
 USGS quadrangle
 Williams North

 district
 85
 UTM reference
 12.392985.3901960

STRUCTURAL INFORMATION

main span number 1 main span type 107 appr. span number 0 appr. span type 9 degree of skew guardrail type 32.0 superstructure concrete rigid frame main span length structure length 71.0 substructure concrete abutments and wingwalls 72.0 roadway width floor/decking concrete deck with asphalt overlay

HISTORICAL INFORMATION

structure width

78.0

construction date1956designer/engineerArizona Highway Departmentproject numberFG-89(28)builder/contractorKitchell-Phillips Contractors Inc.information sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)ca1980alterationsThrie beam guardrails installed

other features

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

steel Thrie beam guardrails

inventory score 10 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement relatively late example of uncommon structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Santa Fe Railroad Underpass

PROPERTY IDENTIFICATION

county Coconino inventory number 01575

165.28 milepost inventory route AT&SF Railroad

location 0.6 mi West Jct SR 64 feature intersected SR B40

city/vicinity Williams **USGS** quadrangle Williams North district 85 **UTM** reference 12.394477.3902175

STRUCTURAL INFORMATION

main span number 1 main span type 303

appr. span number 0 appr. span type 0 degree of skew guardrail type

74.0 superstructure steel plate deck girder main span length

79.0 structure length substructure concrete abutments and wingwalls floor/decking roadway width 0.0 railroad ballast deck and rails

0.0 no guardrails structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1959 Arizona Highway Department

builder/contractor project number information source ADOT bridge records structure owner Atchison, Topeka & Santa Fe Railroad

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score NRHP eligibility non-eligible

NRHP criteria

signif. statement undistinguished, relatively late example of uncommon

structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Dog Town Wash Culvert

DDODEDTY	IDENTIFICATION	
PROPERTY	IDENTIFICATION	4

county Coconino inventory number 05902

167.17 milepost inventory route I 40; EB & WB location 1.31 mi E Jct SR 64 feature intersected Dog Town Wash city/vicinity Williams **USGS** quadrangle Williams North district 85 **UTM** reference 12.397314.3902218

STRUCTURAL INFORMATION

main span number 3 main span type 219

appr. span number $\ 0$ appr. span type degree of skew $\ 0$ guardrail type

structure length 32.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

 $\begin{array}{ccc} \text{structure width} & 0.0 & \text{other features} & \text{none} \end{array}$

HISTORICAL INFORMATION

construction date 1943 designer/engineer Arizona Highway Department

project numberNFA 89-D(7)builder/contractorPackard Contracting Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) 1978 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 10 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Garland Prairie Underpass

PROPERTY IDENTIFICATION

county Coconino inventory number 00739

milepost 167.52 inventory route Garland Prairie Road

location 1.6 mi East Jct SR 64 feature intersected I 4

city/vicinityWilliamsUSGS quadrangleSitgreaves Mountaindistrict85UTM reference12.397910.3902233

STRUCTURAL INFORMATION

main span number $\ 4$ main span type $\ 402$ appr. span number $\ 0$ appr. span type

degree of skew 0 guardrail type 3

main span length 78.0 superstructure steel I-beam stringer

structure length 250.0 **substructure** concrete abutments, wingwalls and concrete

column piers

 ${\it roadway width} \qquad 28.0 \qquad \qquad {\it floor/decking} \qquad {\it concrete deck}$

structure width 33.2 other features aluminum tubes over concrete guardrails

HISTORICAL INFORMATION

construction date1962designer/engineerArizona Highway Departmentproject numberI-40-3(6)builder/contractorWallace & Wallace, Phoenix AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 2000 alterations seismic retrofit

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 25 NRHP eligibility non-eligible

NRHP criteria A ____ B ___ C ___

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Coconino inventory number 05904

167.63 milepost inventory route I 40; EB & WB location 1.75 mi E Jct SR 64 feature intersected EB & WB & Ramps city/vicinity Williams **USGS** quadrangle Sitgreaves Mountain district 85 **UTM** reference 12.398110.3902242

STRUCTURAL INFORMATION

 $\begin{array}{lll} \mbox{main span number} & 2 & \mbox{main span type} & 219 \\ \mbox{appr. span number} & 0 & \mbox{appr. span type} & \end{array}$

structure length 21.0 **substructure** concrete abutments, wingwalls and pier

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

 $\begin{array}{ccc} \text{structure width} & 0.0 & \text{other features} & \text{none} \end{array}$

HISTORICAL INFORMATION

construction date 1943 designer/engineer Arizona Highway Department

project numberNFA 89-D(7)builder/contractorPackard Contracting Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) 1978 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 10 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Coconino inventory number 06107

milepost 167.70 inventory route North Frontage Rd

location 1.87 mi E Jct SR 64 feature intersected Was

city/vicinityWilliamsUSGS quadrangleSitgreaves Mountaindistrict85UTM reference12.398202.3902240

STRUCTURAL INFORMATION

 $\begin{array}{ccc} \text{main span number} & 2 & & \text{main span type} & & 219 \end{array}$

 $\begin{array}{lll} \mbox{appr. span number} & 0 & \mbox{appr. span type} \\ \mbox{degree of skew} & 0 & \mbox{guardrail type} \end{array}$

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 21.0 **substructure** concrete abutments, wingwalls and pier

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

structure width 0.0 other features none

HISTORICAL INFORMATION

 construction date
 1962
 designer/engineer
 Arizona Highway Department

 project number
 I-40-3(6)
 builder/contractor
 Wallace & Wallace, Phoenix AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 08 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typically configured example of common, later structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Coconino inventory number 05906

 $\begin{tabular}{lll} \textbf{milepost} & 169.58 & \textbf{inventory route} & I~40; EB~\&~WB \\ \end{tabular}$

city/vicinityWilliamsUSGS quadrangleSitgreaves Mountaindistrict85UTM reference12.401153.3902192

STRUCTURAL INFORMATION

 $\begin{array}{ccc} \text{main span number} & 2 & & \text{main span type} & & 219 \end{array}$

appr. span number $\ 0$ appr. span type degree of skew $\ 0$ guardrail type

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 21.0 **substructure** concrete abutments, wingwalls and pier

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

 $\begin{array}{ccc} \text{structure width} & 0.0 & \text{other features} & \text{none} \end{array}$

HISTORICAL INFORMATION

 construction date
 1962
 designer/engineer
 Arizona Highway Department

 project number
 I-40-3(6)
 builder/contractor
 Wallace & Wallace, Phoenix AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1978 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typically configured example of common, later structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Coconino inventory number 05908 172.37 milepost inventory route I 40; EB location 6.53 mi E Jct SR 64 feature intersected Wash

city/vicinity Williams **USGS** quadrangle Sitgreaves Mountain district 85 **UTM** reference 12.405516.3902556

STRUCTURAL INFORMATION

main span number 5 main span type 219 appr. span number 0 appr. span type degree of skew guardrail type concrete box culvert main span length 10.0 superstructure structure length 53.0 substructure concrete abutments, wingwalls and piers

0.0 floor/decking roadway width asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

project number

construction date designer/engineer 1962 Arizona Highway Department I-40-3(12) builder/contractor

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1978 barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Coconino inventory number 05909 172.37 milepost inventory route I 40; WB location 6.53 mi E Jct SR 64 feature intersected Wash

city/vicinity Williams **USGS** quadrangle Sitgreaves Mountain district 85 **UTM** reference 12.405528.3902616

STRUCTURAL INFORMATION

main span number 5 main span type 219 appr. span number 0 appr. span type degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

structure length 53.0 substructure concrete abutments, wingwalls and piers 0.0 floor/decking asphalt roadway

roadway width 0.0 none structure width other features

HISTORICAL INFORMATION

project number

construction date designer/engineer 1962 Arizona Highway Department I-40-3(12) builder/contractor

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1978 barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Coconino inventory number 05911 172.74 milepost inventory route I 40; WB location 6.86 mi E Jct SR 64 feature intersected Wash

city/vicinity Williams **USGS** quadrangle Sitgreaves Mountain district 85 **UTM** reference 12.406095.3902437

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type degree of skew guardrail type concrete box culvert main span length 10.0 superstructure

21.0 structure length substructure concrete abutments, wingwalls and pier

0.0 floor/decking roadway width asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

project number

construction date designer/engineer 1962 Arizona Highway Department I-40-3(12) builder/contractor

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1978 barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

city/vicinityWilliamsUSGS quadrangleSitgreaves Mountaindistrict85UTM reference12.406110.3902388

STRUCTURAL INFORMATION

structure length21.0substructureconcrete abutments, wingwalls and pierroadway width0.0floor/deckingasphalt roadway

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date 1962 designer/engineer Arizona Highway Department

project number I-40-3(12) builder/contractor information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1978 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Coconino inventory number 05913 175.39 milepost inventory route I 40; WB location 9.4 mi East Jct SR 64 feature intersected Wash city/vicinity Parks **USGS** quadrangle

district 85 **UTM** reference 12.410137.3901096

STRUCTURAL INFORMATION

main span number 3 main span type 219 appr. span number 0 appr. span type degree of skew guardrail type concrete box culvert main span length 10.0 superstructure

structure length 32.0 substructure concrete abutments, wingwalls and piers

0.0 floor/decking roadway width asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1962 Arizona Highway Department I-40-3(13) project number builder/contractor Isbell Construction Company information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

inventory score 07 NRHP eligibility non-eligible

NRHP criteria C

signif. statement typically configured example of common, later structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Coconino inventory number 05912 175.39 milepost inventory route I 40; EB location 9.4 mi East Jct SR 64 feature intersected Wash city/vicinity Parks **USGS** quadrangle

district 85 **UTM** reference 12.410110.3901037

STRUCTURAL INFORMATION

main span number 3 main span type 219 appr. span number 0 appr. span type degree of skew guardrail type concrete box culvert main span length 10.0 superstructure

structure length 32.0 substructure concrete abutments, wingwalls and piers

0.0 floor/decking roadway width asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1962 Arizona Highway Department I-40-3(13) project number builder/contractor Isbell Construction Company structure owner

information source ADOT bridge records Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 07 NRHP eligibility non-eligible

> NRHP criteria C

signif. statement typically configured example of common, later structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Coconino inventory number 05914 184.93 milepost inventory route I 40; EB 10.5 mi W Jct I 17 location feature intersected Wash city/vicinity Bellemont **USGS** quadrangle Bellemont

district 85 **UTM reference** 12.424743.3899740

STRUCTURAL INFORMATION

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length32.0substructureconcrete abutments, wingwalls and piersroadway width0.0floor/deckingasphalt roadway

structure width 0.0 other features none

HISTORICAL INFORMATION

 construction date
 1963
 designer/engineer
 Arizona Highway Department

 project number
 I-40-3(21)
 builder/contractor
 Isbell Construction Company

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1980 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Coconino inventory number 05915

 $\begin{tabular}{lll} \textbf{milepost} & 184.93 & \textbf{inventory route} & I~40; WB~\&~NFR \\ \end{tabular}$

district 85 **UTM reference** 12.424750.3899836

STRUCTURAL INFORMATION

 $\begin{array}{ccc} \text{main span number} & 3 & & \text{main span type} & & 219 \end{array}$

appr. span number $\ 0$ appr. span type degree of skew $\ 0$ guardrail type

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 32.0 substructure concrete abutments, wingwalls and piers

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

 $\begin{array}{ccc} \text{structure width} & 0.0 & \text{other features} & \text{none} \end{array}$

HISTORICAL INFORMATION

construction date1963designer/engineerArizona Highway Departmentproject numberI-40-3(21)builder/contractorIsbell Construction Company

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1980 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A _____ B ___ C ____

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

Transwestern Underpass

PROPERTY IDENTIFICATION

county Coconino inventory number 01083

milepost 185.15 inventory route Transwestern Road

district 85 **UTM reference** 12.425134.3899602

STRUCTURAL INFORMATION

 $\begin{array}{ccc} \text{main span number} & 3 & & \text{main span type} & & 402 \end{array}$

 $\begin{array}{lll} \mbox{appr. span number} & 0 & \mbox{appr. span type} \\ \mbox{degree of skew} & 0 & \mbox{guardrail type} & 3 \end{array}$

main span length 54.0 superstructure steel I-beam stringer

structure length 155.0 substructure concrete abutments and column piers

roadway width 34.0 floor/decking concrete deck

structure width 39.2 other features aluminum tubes over concrete guardrails

HISTORICAL INFORMATION

construction date1963designer/engineerArizona Highway Departmentproject numberI-40-3(21)builder/contractorIsbell Construction Company

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 2002 alterations seismic retrofit

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 20 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Transwestern Underpass

PROPERTY IDENTIFICATION

county Coconino inventory number 00783

milepost 185.15 inventory route Transwestern Road

district 85 **UTM reference** 12.425110.3899578

STRUCTURAL INFORMATION

 $\begin{array}{ccc} \text{main span number} & 3 & & \text{main span type} & & 402 \end{array}$

 $\begin{array}{lll} \mbox{appr. span number} & 0 & \mbox{appr. span type} \\ \mbox{degree of skew} & 0 & \mbox{guardrail type} & 3 \end{array}$

main span length 54.0 superstructure steel I-beam stringer

structure length 155.0 **substructure** concrete abutments and column piers

roadway width 34.0 floor/decking concrete deck

structure width 39.2 other features aluminum tubes over concrete guardrails

HISTORICAL INFORMATION

construction date1963designer/engineerArizona Highway Departmentproject numberI-40-3(21)builder/contractorIsbell Construction Company

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 2002 alterations seismic retrofit

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 20 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY	DENTIFICATION

county Coconino inventory number 05916 185.90 milepost inventory route I 40; EB 9.5 mi W Jct I 17 location feature intersected Wash city/vicinity Bellemont **USGS** quadrangle Bellemont

district 85 **UTM reference** 12.426180.3898900

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert

structure length 43.0 substructure concrete abutments, wingwalls and piers

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

 $\begin{array}{ccc} \text{structure width} & 0.0 & \text{other features} & \text{none} \end{array}$

HISTORICAL INFORMATION

construction date1963designer/engineerArizona Highway Departmentproject numberI-40-3(21)builder/contractorIsbell Construction Company

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1980 alterations barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Coconino inventory number 05917 185.90 milepost inventory route I 40; WB location 9.5 mi W Jct I 17 feature intersected Wash city/vicinity Bellemont **USGS** quadrangle Bellemont

district 85 **UTM reference** 12.426244.3898948

STRUCTURAL INFORMATION

main span length10.0superstructureconcrete box culvertstructure length43.0substructureconcrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 other features none

HISTORICAL INFORMATION

 construction date
 1963
 designer/engineer
 Arizona Highway Department

 project number
 I-40-3(21)
 builder/contractor
 Isbell Construction Company

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1980 alterations barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Riordan Overpass

county Coconino inventory number 00332 190.86 milepost inventory route I 40; EB

location 4.5 mi West Jct I 17 feature intersected AT&SF RR / Riordan Road

city/vicinity Flagstaff **USGS** quadrangle Flagstaff West district 85 **UTM** reference 12.432790.3894906

STRUCTURAL INFORMATION

main span number 8 main span type 402 appr. span number 0 appr. span type 9 degree of skew guardrail type 70.0 superstructure steel I-beam stringer main span length

structure length 507.0 substructure concrete abutments, wingwalls and spill-through

42.0 concrete deck roadway width floor/decking

structure width 45.2 other features concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date 1948 designer/engineer Arizona Highway Department project number FGI-24(12) builder/contractor

Fisher Contracting Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1964 1986 2002 alterations deck widened; guardrails replaced twice; seismic

retrofit

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 23 NRHP eligibility non-eligible

> **NRHP** criteria C

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Flagstaff Underpass

PROPERTY IDENTIFICATION

county Coconino inventory number 00529

milepost 195.96 inventory route AT&SF Railroad

city/vicinityFlagstaffUSGS quadrangleFlagstaff Westdistrict85UTM reference12.440486.3895206

STRUCTURAL INFORMATION

main span number $\ 2$ main span type $\ 302$ appr. span number $\ 0$ appr. span type

degree of skew 17 guardrail type 5

main span length 43.0 superstructure steel I-beam stringer

structure length 92.0 substructure concrete abutments, wingwalls and pier roadway width 38.0 floor/decking railroad ballast deck and rails

structure width 40.0 other features steel baluster guardrails

HISTORICAL INFORMATION

construction date 1958 designer/engineer Arizona Highway Department

project number F-FG-108-4(3) builder/contractor

information source ADOT bridge records structure owner Atchison, Topeka & Santa Fe Railroad

alteration date(s) 1990 alterations minor resurfacing

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 15 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement undistinguished example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Rio De Flag Bridge

PROPERTY IDENTIFICATION

county Coconino inventory number 00295 196.08 milepost inventory route SB 40 location 0.3 mi W Jct US 180 feature intersected Rio De Flag city/vicinity Flagstaff **USGS** quadrangle Flagstaff West district 85 **UTM** reference 12.441454.3894918

STRUCTURAL INFORMATION

main span number 2 main span type 201 appr. span number 0 appr. span type degree of skew guardrail type concrete slab 18.0 superstructure main span length structure length 36.0 substructure concrete abutments, wingwalls and pier roadway width 65.0 floor/decking concrete deck solid concrete guardrail one side; steel baluster 107.7 structure width other features guardrail one side

HISTORICAL INFORMATION

construction date designer/engineer 1934 Arizona Highway Department NFA 21(47) project number builder/contractor N.G. Hill & Company; H.L. Royden information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1972 alterations 1947 1958 deck widened, twice; guardrails replaced; west abutment repaired

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

NRHP eligibility non-eligible

NRHP criteria A ______ B ____ C _____

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

city/vicinityFlagstaffUSGS quadrangleFlagstaff Eastdistrict85UTM reference12.450640.3896936

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert

structure length 24.0 **substructure** concrete abutments, wingwalls and pier

 $\begin{tabular}{lll} {\bf roadway~width} & 0.0 & {\bf floor/decking} & {\bf asphalt~roadway} \end{tabular}$

 $\begin{array}{ccc} \text{structure width} & 0.0 & \text{other features} & \text{none} \end{array}$

HISTORICAL INFORMATION

construction date 1963 designer/engineer Arizona Highway Department

 project number
 I-40-4(20)
 builder/contractor

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

 $\begin{array}{ccc} \textbf{inventory score} & 00 & \textbf{NRHP eligibility} & non-eligible \end{array}$

NRHP criteria A B C

signif. statement typically configured example of common, later structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Cosnino Overpass

PROPERTY IDENTIFICATION

county Coconino inventory number 00298

204.00 milepost inventory route I 40 Frontage Road location 0.3 mi North Jct I 40 feature intersected AT&SF Railroad city/vicinity Flagstaff **USGS** quadrangle Flagstaff East district 85 **UTM** reference 12.451893.3897057

STRUCTURAL INFORMATION

main span number 3 main span type 402 appr. span number 0 appr. span type 5 degree of skew 45 guardrail type

steel I-beam stringer main span length 63.0 superstructure

structure length 170.0 substructure concrete abutments, wingwalls and spill-through

30.0 concrete deck roadway width floor/decking

steel baluster guardrails structure width 34.0 other features

HISTORICAL INFORMATION

construction date 1947 designer/engineer Arizona Highway Department

project number FGI-81(5) builder/contractor

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score NRHP eligibility non-eligible

> **NRHP** criteria Α В C

signif. statement typically configured example of common, later structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Coconino inventory number 05923 206.52 milepost inventory route I 40; WB location 11.1 mi E Jct I 17 feature intersected Wash city/vicinity Cosnino **USGS** quadrangle Winona

district 85 **UTM reference** 12.455830.3895694

STRUCTURAL INFORMATION

 $\begin{array}{lll} \mbox{main span number} & 2 & \mbox{main span type} & 219 \\ \mbox{appr. span number} & 0 & \mbox{appr. span type} & \end{array}$

degree of skew 0 guardrail type

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 21.0 **substructure** concrete abutments, wingwalls and pier

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date 1947 designer/engineer Arizona Highway Department

project number FGI-81(4) builder/contractor information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 06 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typically configured example of common, later structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Youngs Canyon Culvert

PROPERTY IDENTIFICATION

countyCoconinoinventory number05924milepost213.13inventory routeI 40

location 17.7 mi E Jct I 17 feature intersected Youngs Canyon

city/vicinity Winona USGS quadrangle Winona

district 85 **UTM reference** 12.465702.3894108

STRUCTURAL INFORMATION

 $\begin{array}{lll} \text{main span number} & 3 & \text{main span type} & 219 \\ \text{appr. span number} & 0 & \text{appr. span type} \end{array}$

degree of skew 0 guardrail type

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length32.0substructureconcrete abutments, wingwalls and piersroadway width0.0floor/deckingasphalt roadway

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date 1953 designer/engineer Arizona Highway Department

project numberFI-81(8)builder/contractorW.J. Henson Contracting Co., Prescott AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) 1987 alterations barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 03 NRHP eligibility non-cligible

NRHP criteria A _____ B ____ C ____

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Coconino inventory number 05926 216.35 milepost inventory route I 40 location 20.9 mi E Jct I 17 feature intersected Wash city/vicinity Winona **USGS** quadrangle Angell

district 85 **UTM reference** 12.470420.3891828

STRUCTURAL INFORMATION

 $\begin{array}{lll} \mbox{main span number} & 2 & \mbox{main span type} & 219 \\ \mbox{appr. span number} & 0 & \mbox{appr. span type} & \end{array}$

degree of skew 0 guardrail type

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 21.0 substructure concrete abutments, wingwalls and pier

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date 1953 designer/engineer Arizona Highway Department

project numberFI-81(8)builder/contractorW.J. Henson Contracting Co., Prescott AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) 1987 alterations barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 02 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Coconino inventory number 05928

221.13 milepost inventory route I 40; EB & WB

location 25.7 mi E Jct I 17 feature intersected Wash city/vicinity Twin Arrows **USGS** quadrangle Babbitt Wash

district **UTM** reference 12.477836.3889798

STRUCTURAL INFORMATION

main span number 3 main span type 219

appr. span number 0 appr. span type degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

structure length 32.0 substructure concrete abutments, wingwalls and piers

floor/decking roadway width 0.0 asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1949 Arizona Highway Department

FI-81(6) project number builder/contractor W.J. Henson Contracting Co., Prescott AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1970 barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

NRHP eligibility non-eligible inventory score 03

NRHP criteria

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Coconino inventory number 05930

221.36 milepost inventory route I 40; EB & WB

location 25.9 mi E Jct I 17 feature intersected Wash city/vicinity Twin Arrows **USGS** quadrangle Babbitt Wash district **UTM** reference 12.478210.3889629

STRUCTURAL INFORMATION

main span number 4 main span type 219

appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

structure length 43.0 substructure concrete abutments, wingwalls and piers

floor/decking roadway width 32.0 asphalt roadway

193.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1949 Arizona Highway Department

FI-81(6) project number builder/contractor W.J. Henson Contracting Co., Prescott AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1989 barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Coconino inventory number 05932

223.27 milepost inventory route I 40; EB & WB

location 27.6 mi E Jct I 17 feature intersected Wash

city/vicinity Twin Arrows **USGS** quadrangle Babbitt Wash district **UTM** reference 12.480620.3888524

STRUCTURAL INFORMATION

main span number 5 main span type 219

appr. span number 0 appr. span type degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

54.0 structure length substructure concrete abutments, wingwalls and piers

floor/decking roadway width 0.0 asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

NATIONAL REGISTER EVALUATION

construction date designer/engineer 1949 Arizona Highway Department

FI-81(6) project number builder/contractor W.J. Henson Contracting Co., Prescott AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1989 barrels extended

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

NRHP eligibility non-eligible inventory score 05

NRHP criteria

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

Babbitts Wash Bridge

PROPERTY IDENTIFICATION

county Coconino inventory number 00321 224.70 milepost inventory route I 40; EB location 20.7 mi West Jct SR 99 feature intersected Babbitts Wash city/vicinity Twin Arrows **USGS** quadrangle Babbitt Wash district **UTM** reference 12.482690.3887616

STRUCTURAL INFORMATION

main span number 3 main span type 201 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete slab 30.0 superstructure main span length structure length 80.0 substructure concrete abutments, wingwalls and piers 39.7 roadway width floor/decking concrete deck concrete Jersey barrier guardrails with Thrie beams structure width 44.6 other features at approaches

HISTORICAL INFORMATION

 construction date
 1949
 designer/engineer
 Arizona Highway Department

 project number
 FI-81(6)
 builder/contractor
 W.J. Henson Contracting Co., Prescott AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

 alteration date(s)
 1989
 alterations
 guardrails replaced with Jersey barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ___

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Coconino inventory number 05939

229.81 milepost inventory route I 40; EB & WB

location 18.6 mi West Jct SR 99 feature intersected Wash

city/vicinity Canyon Diablo **USGS** quadrangle Meteor Crater 12.490698.3886052

district 85 **UTM** reference

STRUCTURAL INFORMATION

main span number 2 main span type 219

appr. span number 0 appr. span type degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

21.0 structure length substructure concrete abutments, wingwalls and pier

0.0 floor/decking roadway width asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1940 Arizona Highway Department

I-40-4(27) builder/contractor project number

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1970 barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign

420 South County Road 23E Loveland, Colorado 80537

Canyon Diablo Bridge

PROPERTY IDENTIFICATION

county Coconino inventory number 01671 229.90 milepost inventory route I 40; EB location 15.5 mi W Jct SR 99 feature intersected Canyon Diablo city/vicinity Canyon Diablo **USGS** quadrangle Meteor Crater district 85 **UTM** reference 12.490914.3886078

STRUCTURAL INFORMATION

main span number 3 main span type 402 appr. span number 0 appr. span type 1 degree of skew guardrail type 83.0 superstructure steel I-beam stringer main span length structure length 224.0 substructure concrete abutments, wingwalls and spill-through 42.0 concrete deck with asphalt overlay roadway width floor/decking aluminum tubular guardrails with Thrie beams at structure width 44.8 other features approaches

HISTORICAL INFORMATION

construction date 1940 designer/engineer Arizona Highway Department project number I-40-4(100) builder/contractor Lewis Brothers, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1976 2000 alterations substructure widened and superstructure replaced; steel repairs

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 12 NRHP eligibility non-eligible

NRHP criteria A B C Signif. statement bridge almost entirely replaced in 1976

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Coconino inventory number 05942

location 12.2 mi East Jct SR 99 feature intersected Wash

city/vicinityTwo GunsUSGS quadrangleMeteor Craterdistrict87UTM reference12.496255.3885382

STRUCTURAL INFORMATION

main span number 3 main span type 219

 $\begin{array}{lll} \mbox{appr. span number} & 0 & \mbox{appr. span type} \\ \mbox{degree of skew} & 0 & \mbox{guardrail type} & 0 \end{array}$

main span length 10.0 superstructure concrete box culvert

structure length 32.0 **substructure** concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

 $\begin{array}{ccc} \text{structure width} & 0.0 & \text{other features} & \text{none} \end{array}$

HISTORICAL INFORMATION

construction date 1948 designer/engineer Arizona Highway Department

project number FI-74(5) builder/contractor W.J. Henson Contracting Co., Prescott AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1970 alterations barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 03 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

Cow Canyon Culvert

PROPERTY IDENTIFICATION

 $\begin{array}{cccc} \textbf{county} & \textbf{Coconino} & \textbf{inventory number} & 05945 \\ \textbf{milepost} & 236.45 & \textbf{inventory route} & \textbf{I} \ 40 \\ \end{array}$

 location
 8.9 mi West Jct SR 99
 feature intersected
 Cow Canyon

 city/vicinity
 Meteor City
 USGS quadrangle
 Tucker Mesa SW

 district
 87
 UTM reference
 12.501228.3884303

STRUCTURAL INFORMATION

main span length10.0superstructureconcrete box culvert

structure length 21.0 **substructure** concrete abutments, wingwalls and pier

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date1950designer/engineerArizona Highway Departmentproject numberFI-74(6)builder/contractorHarry J. Hagen, Globe AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1970 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 02 NRHP eligibility non-eligible

NRHP criteria A _____ B ___ C ____

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

city/vicinityMeteor CityUSGS quadrangleTucker Mesa SWdistrict87UTM reference12.503160.3883973

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert

structure length21.0substructureconcrete abutments, wingwalls and pierroadway width0.0floor/deckingasphalt roadway

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date 1950 designer/engineer Arizona Highway Department

 project number
 FI-74(4)
 builder/contractor
 Phoenix-Tempe Stone Co., Phoenix AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) 1981 alterations barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 02 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Coconino inventory number 05950

 $\begin{tabular}{lll} \textbf{milepost} & 238.81 & \textbf{inventory route} & I~40; EB~\&~WB \\ \end{tabular}$

location 6.59 mi W of Jct SR 99 feature intersected Wash

city/vicinityMeteor CityUSGS quadrangleTucker Mesa SWdistrict87UTM reference12.504968.3883731

STRUCTURAL INFORMATION

 $\begin{array}{ccc} \text{main span number} & 2 & & \text{main span type} & & 219 \end{array}$

appr. span number $\ 0$ appr. span type degree of skew $\ 0$ guardrail type $\ 0$

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 21.0 **substructure** concrete abutments, wingwalls and pier

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

 $\begin{array}{ccc} \text{structure width} & 0.0 & \text{other features} & \text{none} \end{array}$

HISTORICAL INFORMATION

construction date 1950 designer/engineer Arizona Highway Department

project numberFI-74(4)builder/contractorPhoenix-Tempe Stone Co., Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) 1982 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 02 NRHP eligibility non-eligible

NRHP criteria A _____ B ___ C ____

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

Culvert

PROPERTY IDENTIFICATION

county Coconino inventory number 05952

240.03 milepost inventory route I 40; EB & WB

location 5.4 mi West Jct SR 99 feature intersected Wash

city/vicinity Meteor City **USGS** quadrangle Tucker Mesa SW district **UTM** reference 12.506938.3883402

STRUCTURAL INFORMATION

main span number 2 main span type 219

appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

21.0 structure length substructure concrete abutments, wingwalls and pier

0.0 roadway width floor/decking asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1950 Arizona Highway Department

FI-74(4) project number builder/contractor Phoenix-Tempe Stone Co., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1980 barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score 02

NRHP criteria

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

Culvert

PROPERTY IDENTIFICATION

county Coconino inventory number 05954

 $\begin{array}{ccc} \text{milepost} & 240.84 & \text{inventory route} & \text{I } 40; EB \& WB \end{array}$

location 4.6 mi W Jct SR 99 feature intersected Wash

city/vicinityDennisonUSGS quadrangleTucker Mesa SWdistrict87UTM reference12.508190.3883050

STRUCTURAL INFORMATION

main span number 4 main span type 219

appr. span number $\ 0$ appr. span type degree of skew $\ 0$ guardrail type $\ 0$

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 43.0 substructure concrete abutments, wingwalls and piers

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

 $\begin{array}{ccc} \text{structure width} & 0.0 & \text{other features} & \text{none} \end{array}$

HISTORICAL INFORMATION

construction date 1950 designer/engineer Arizona Highway Department

project number FI-74(4) builder/contractor Phoenix-Tempe Stone Co., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1980 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 04 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Coconino inventory number 05957

milepost 241.77 inventory route I 40; EB & WB

location 3.6 mi W Jct SR 99 feature intersected Wash

city/vicinityDennisonUSGS quadrangleTucker Mesa SWdistrict87UTM reference12.509560.3882520

STRUCTURAL INFORMATION

main span number 2 main span type 219

appr. span number $\ 0$ appr. span type degree of skew $\ 0$ guardrail type $\ 0$

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 21.0 **substructure** concrete abutments, wingwalls and pier

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

 $\begin{array}{ccc} \text{structure width} & 0.0 & \text{other features} & \text{none} \end{array}$

HISTORICAL INFORMATION

construction date 1950 designer/engineer Arizona Highway Department

project numberFI-74(4)builder/contractorPhoenix-Tempe Stone Co., Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) 1980 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 02 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

Culvert

PROPERTY IDENTIFICATION

county Coconino inventory number 05960

location 3.0 mi West Jct SR 99 feature intersected Wash

city/vicinityLeupp CornerUSGS quadrangleTucker Mesa SWdistrict87UTM reference12.510540.3882122

STRUCTURAL INFORMATION

 $\begin{array}{ccc} \text{main span number} & 2 & & \text{main span type} & & 219 \end{array}$

appr. span number $\ 0$ appr. span type degree of skew $\ 0$ guardrail type $\ 0$

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 24.0 substructure concrete abutments, wingwalls and pier

roadway width 0.0 floor/decking asphalt roadway

 $\begin{array}{ccc} \text{structure width} & 0.0 & \text{other features} & \text{none} \end{array}$

HISTORICAL INFORMATION

construction date 1950 designer/engineer Arizona Highway Department

project number FI-74(4) builder/contractor Phoenix-Tempe Stone Co., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1980 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 02 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Coconino inventory number 05963

246.95 milepost inventory route I 40; EB & WB location 1.6 mi E of SR 99 feature intersected Wash

city/vicinity Leupp Corner **USGS** quadrangle Tucker Mesa district **UTM** reference 12.517506.3879647

STRUCTURAL INFORMATION

main span number 3 main span type 219

appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

31.0 structure length substructure concrete abutments, wingwalls and piers

0.0 floor/decking roadway width asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1948 Arizona Highway Department

FI-74(3) project number builder/contractor Phoenix-Tempe Stone Co., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1980 barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

Tucker Flat Wash Bridge

PROPERTY	IDENTIFICATION
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 $\begin{array}{cccc} \textbf{county} & \textbf{Coconino} & \textbf{inventory number} & 00336 \\ \textbf{milepost} & 248.99 & \textbf{inventory route} & \text{I } 40; \text{EB} \\ \end{array}$

location3.6 mi E of SR 99feature intersectedTucker Flat Washcity/vicinityMoquiUSGS quadrangleTucker Mesadistrict87UTM reference12.520450.3878603

STRUCTURAL INFORMATION

main span length 30.0 superstructure concrete slab

structure length 80.0 substructure concrete abutments, wingwalls and piers

roadway width 39.6 floor/decking concrete deck

structure width 44.6 **other features** aluminum tubular guardrails with Thrie beams at

approaches

HISTORICAL INFORMATION

 construction date
 1949
 designer/engineer
 Arizona Highway Department

 project number
 FI-74(3)
 builder/contractor
 Phoenix-Tempe Stone Co., Phoen

project number FI-74(3) builder/contractor Phoenix-Tempe Stone Co., Phoenix AZ information source ADOT bridge records alteration date(s) 1966 1981 builder/contractor Phoenix-Tempe Stone Co., Phoenix AZ Arizona Department of Transportation guardrails revised; Thrie beams installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 16 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Icehouse Wash Culvert

PROPERTY IDENTIFICATION

county Navajo inventory number milepost 253.31 inventory route

city/vicinity Winslow USGS quadrangle Winslow

district 87 **UTM reference** 12.524080.3877080

STRUCTURAL INFORMATION

main span length 12.0 superstructure concrete box culvert structure length 27.0 substructure concrete abutments, wingwalls and pier

roadway width 43.0 floor/decking concrete abutments, wingwaiis and pier concrete deck with asphalt overlay

structure width 60.0 other features solid concrete guardrails with recessed rectangular

panels

04255

HISTORICAL INFORMATION

construction date 1953 designer/engineer Arizona Highway Department

project number U-20(2) builder/contractor All Arizona Engineering & Constr. Co., Clifton A

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 17 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Icehouse Wash Culvert

PROPERTY IDENTIFICATION

county Navajo inventory number 04254 253.31 milepost inventory route SR B 40; EB location 0.6 mi W of Jct SR 87 feature intersected Icehouse Wash

city/vicinity Winslow **USGS** quadrangle Winslow

district **UTM** reference 12.524090.3877090

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type 6 degree of skew guardrail type concrete box culvert 12.0 superstructure main span length

structure length 25.0 substructure concrete abutments, wingwalls and pier roadway width 40.0 floor/decking concrete deck with asphalt overlay steel Thrie beam guardrails 54.0 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1934 Arizona Highway Department AFE 531 project number builder/contractor

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations ca1990 Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Ruby Wash Culvert

PROPERTY IDENTIFICATION

county Navajo inventory number 04257 254.28 milepost inventory route SR B 40; WB location 0.4 mi W of Jct SR 87 feature intersected Ruby Wash

city/vicinity Winslow **USGS** quadrangle Winslow

district **UTM** reference 12.528127.3875234

STRUCTURAL INFORMATION

main span number 10 main span type 219 appr. span number 0 appr. span type degree of skew guardrail type

concrete box culvert 10.0 superstructure main span length

structure length 108.0 substructure concrete abutments, wingwalls and piers roadway width 43.0 floor/decking concrete deck with asphalt overlay

solid concrete guardrails with blind arcades 60.0 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1953 Arizona Highway Department

U-20(2) project number builder/contractor All Arizona Engineering & Constr. Co., Clifton A

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

inventory score 20 NRHP eligibility non-eligible

NRHP criteria

signif. statement undistinguished example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Ruby Wash Culvert

PROPERTY IDENTIFICATION

countyNavajoinventory number04256milepost254.28inventory routeSR B 40; EBlocation0.4 mi W of Jct SR 87feature intersectedRuby Wash

city/vicinity Winslow USGS quadrangle Winslow

district 87 **UTM reference** 12.528120.3875207

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert structure length 115.0 substructure concrete abutments, wingwalls and piers

roadway width 60.0 floor/decking concrete deck with asphalt overlay

structure width 70.0 other features solid concrete guardrails with blind arcades

HISTORICAL INFORMATION

construction date 1932 designer/engineer Arizona Highway Department

project number U-20(2) builder/contractor

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1938 alterations deck widened

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 12 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Navajo inventory number 04258 255.19 milepost inventory route SR B 40 location 1.2 mi W of Jct SR 87 feature intersected Wash city/vicinity Winslow **USGS** quadrangle Winslow

district 87 **UTM reference** 12.529358.3874713

STRUCTURAL INFORMATION

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length21.0substructureconcrete abutments, wingwalls and pierroadway width0.0floor/deckingasphalt roadwaystructure width0.0other featuressteel beam guardrails

HISTORICAL INFORMATION

construction date 1939 designer/engineer Arizona Highway Department

 project number
 NFA 40-C(4 R)
 builder/contractor

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

 alteration date(s)
 1955
 1978
 alterations
 two structures widened and joined

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Cottonwood Wash Bridge

PROPERTY IDENTIFICATION

 $\begin{array}{cccc} \textbf{county} & Navajo & \textbf{inventory number} & 00520 \\ \textbf{milepost} & 259.60 & \textbf{inventory route} & I~40; WB \\ \end{array}$

 $\begin{tabular}{ll} \textbf{location} & 1.8 \ mi \ E \ of \ Jct \ SR \ 87 & \textbf{feature intersected} & Cottonwood \ Wash \end{tabular}$

city/vicinity Winslow USGS quadrangle Winslow

district 87 **UTM reference** 12.531750.3874410

STRUCTURAL INFORMATION

main span length50.0superstructureprestressed concrete deck girderstructure length402.0substructureconcrete abutments, wingwalls and piersroadway width42.0floor/deckingconcrete deck with asphalt overlay

structure width 45.2 other features concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date designer/engineer 1958 Arizona Highway Department project number I-008-4(3) builder/contractor Wallace & Wallace, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations 1980 2001 deck widened; deck joints repaired

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 17 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Cottonwood Wash Bridge

PROPERTY IDENTIFICATION

 $\begin{array}{cccc} \text{county} & \text{Navajo} & & \text{inventory number} & 00519 \\ \text{milepost} & 259.60 & & \text{inventory route} & \text{I } 40; \text{EB} \\ \end{array}$

location 1.8 mi E of Jct SR 87 feature intersected Cottonwood Wash

city/vicinity Winslow USGS quadrangle Winslow

district 87 **UTM reference** 12.531772.3874380

STRUCTURAL INFORMATION

main span length51.0superstructureprestressed concrete deck girderstructure length402.0substructureconcrete abutments, wingwalls and piersroadway width42.0floor/deckingconcrete deck with asphalt overlay

structure width 45.2 other features concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date designer/engineer 1958 Arizona Highway Department project number I-008-4(3) builder/contractor Wallace & Wallace, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 2001 alterations 1980 1996 deck widened; deck joints repaired

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 17 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Navajo inventory number 05965

263.05 milepost inventory route I 40; EB & WB

location 5.2 mi E of Jct SR 87 feature intersected Wash city/vicinity Hibbard **USGS** quadrangle Hibbard

district **UTM** reference 12.540700.3871456

STRUCTURAL INFORMATION

main span number 4 main span type 219

appr. span number 0 appr. span type degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

structure length 42.0 substructure concrete abutments, wingwalls and piers

0.0 floor/decking roadway width asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1958 Arizona Highway Department I-008-4(3) project number builder/contractor Wallace & Wallace, Phoenix AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1979 barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

Culvert

PROPERTY IDENTIFICATION

county Navajo inventory number 05967

district 87 **UTM reference** 12.542476.3870733

STRUCTURAL INFORMATION

 $\begin{array}{ccc} \text{main span number} & 6 & & \text{main span type} & & 219 \end{array}$

appr. span number $\ 0$ appr. span type degree of skew $\ 0$ guardrail type

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 64.0 substructure concrete abutments, wingwalls and piers

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

 $\begin{array}{ccc} \text{structure width} & 0.0 & \text{other features} & \text{none} \end{array}$

HISTORICAL INFORMATION

 construction date
 1958
 designer/engineer
 Arizona Highway Department

 project number
 I-008-4(3)
 builder/contractor
 Wallace & Wallace & Wallace, Phoenix AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1979 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 10 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Hibbard Overpass

PROPERTY IDENTIFICATION

county Navajo inventory number 00672 264.72 milepost inventory route I 40; EB location 7.8 mi E Jct SR 87 feature intersected Hibbard Road city/vicinity Hibbard **USGS** quadrangle Hibbard

district 87 **UTM reference** 12.543300.3870418

STRUCTURAL INFORMATION

main span number 3 main span type 201 appr. span number 0 appr. span type 8 degree of skew guardrail type concrete slab main span length 33.0 superstructure structure length 90.0 substructure concrete abutments, wingwalls and piers 37.9 roadway width floor/decking concrete deck with asphalt overlay 43.2 aluminum tubes over concrete guardrails structure width other features

HISTORICAL INFORMATION

construction date1962designer/engineerArizona Highway Departmentproject numberI-40-4(15)builder/contractorRoyden Construction Compan

project number I-40-4(15) builder/contractor Royden Construction Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1980 alterations bridge repaired

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 17 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Hibbard Overpass

PROPERTY	IDENTIFICATION	

county Navajo inventory number 00673 264.72 milepost inventory route I 40; WB location 7.8 mi E Jct SR 87 feature intersected Hibbard Road city/vicinity Hibbard **USGS** quadrangle Hibbard

district 87 **UTM reference** 12.543318.3870445

STRUCTURAL INFORMATION

main span number 3 main span type 201 appr. span number 0 appr. span type 8 degree of skew guardrail type concrete slab main span length 33.0 superstructure structure length 90.0 substructure concrete abutments, wingwalls and piers 37.9 roadway width floor/decking concrete deck with asphalt overlay aluminum tubes over concrete guardrails 43.2 structure width other features

HISTORICAL INFORMATION

construction date1962designer/engineerArizona Highway Departmentproject numberI-40-4(15)builder/contractorRoyden Construction Compan

project number I-40-4(15) builder/contractor Royden Construction Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1980 alterations bridge repaired

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 17 NRHP eligibility non-eligible

NRHP criteria A B C

NRHF CHIEHA A ____ D ___ C ____

signif. statement undistinguished example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Navajo inventory number 05969

location 9.3 mi E Jct SR 87 feature intersected Wash

city/vicinityJackrabbitUSGS quadrangleApache Buttedistrict87UTM reference12.547158.3870036

STRUCTURAL INFORMATION

 $\begin{array}{ccc} \text{main span number} & 3 & & \text{main span type} & & 219 \end{array}$

 $\begin{array}{lll} \mbox{appr. span number} & 0 & \mbox{appr. span type} \\ \mbox{degree of skew} & 0 & \mbox{guardrail type} \end{array}$

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 33.0 substructure concrete abutments, wingwalls and piers

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date 1962 designer/engineer Arizona Highway Department

project number I-40-4(15) builder/contractor Royden Construction Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1979 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

Culvert

PROPERTY IDENTIFICATION

county Navajo inventory number 05971

milepost 267.73 inventory route I 40; EB & WB location 9.9 mi E Jct SR 87 feature intersected Wash

 city/vicinity
 Jackrabbit
 USGS quadrangle
 Apache Butte

 district
 87
 UTM reference
 12.548100.3869982

STRUCTURAL INFORMATION

main span number 2 main span type 219

 $\begin{array}{lll} \mbox{appr. span number} & 0 & \mbox{appr. span type} \\ \mbox{degree of skew} & 0 & \mbox{guardrail type} & 0 \end{array}$

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 21.0 **substructure** concrete abutments, wingwalls and pier

roadway width 152.0 floor/decking asphalt roadway

structure width 197.0 other features none

HISTORICAL INFORMATION

construction date 1962 designer/engineer Arizona Highway Department

project number I-40-4(15) builder/contractor Royden Construction Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1979 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

Manila Wash Bridge

PROPERTY IDENTIFICATION

county Navajo inventory number 02080 271.47 milepost inventory route I 40 SFR location 13.65 mi E of SR 87 feature intersected Manila Wash city/vicinity Manila **USGS** quadrangle Apache Butte district 87 **UTM** reference 12.554095.3869327

STRUCTURAL INFORMATION

main span number 2 main span type 104 appr. span number 0 appr. span type 5 degree of skew guardrail type 38.0 superstructure concrete deck girder main span length structure length 76.0 substructure concrete abutments, wingwalls and pier floor/decking roadway width 40.5 concrete deck 45.3 steel beam guardrails structure width other features

HISTORICAL INFORMATION

construction date1949designer/engineerArizona Highway Departmentproject numberNFA 4019builder/contractorinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

Inventory score 16

NRHP eligibility non-eligible

NRHP criteria A ______ B ____ C _____

signif. statement undistinguished example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Tanner Wash Bridge

PROPERTY IDENTIFICATION

county Navajo 278.03 milepost

location 14.8 mi W Jct SR 77 city/vicinity Joseph City

district

inventory number inventory route I 40; WB

feature intersected Tanner Wash **USGS** quadrangle Joseph City

UTM reference 12.564247.3867363

00459

STRUCTURAL INFORMATION

main span number 6 appr. span number 0 degree of skew main span length 25.0 structure length 144.0

appr. span type guardrail type

superstructure

main span type

substructure

concrete slab

concrete abutments, wingwalls and fluted steel

pile piers

201

0

41.8 roadway width structure width

45.0

floor/decking other features concrete deck with asphalt overlay

concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date 1957 project number information source ADOT bridge records

FI-008-4(1)

1981

alteration date(s)

designer/engineer

builder/contractor

structure owner alterations

Arizona Highway Department Dale F. Payne, Phoenix AZ

Arizona Department of Transportation guardrails replaced with Jersey barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 12

NRHP eligibility non-eligible

NRHP criteria

C

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Navajo inventory number 05977

279.98 milepost inventory route I 40; EB & WB location 12.8 mi West Jct SR 77 feature intersected Wash

city/vicinity Joseph City **USGS** quadrangle Joseph City

district **UTM** reference 12.566680.3865458

STRUCTURAL INFORMATION

main span number 3 main span type 219

appr. span number 0 appr. span type degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

structure length 32.0 substructure concrete abutments, wingwalls and piers

floor/decking roadway width 0.0 asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1954 Arizona Highway Department

I-40-4(23) builder/contractor project number

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1981 barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Navajo inventory number 05979

milepost 282.43 inventory route I 40; EB & WB

district 87 **UTM** reference 12.570010.3863306

STRUCTURAL INFORMATION

 $\begin{array}{ccc} \text{main span number} & 2 & & \text{main span type} & & 219 \end{array}$

 $\begin{array}{lll} \mbox{appr. span number} & 0 & \mbox{appr. span type} \\ \mbox{degree of skew} & 0 & \mbox{guardrail type} \end{array}$

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 21.0 **substructure** concrete abutments, wingwalls and pier

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date 1954 designer/engineer Arizona Highway Department

project number I-40-4(30) builder/contractor

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1979 alterations concrete Jersey barrier guardrails with Thrie

late(s) 1979 alterations concrete Jersey barrier guardrails with Thrie beams at approaches

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A ____ B ___ C ___

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign

420 South County Road 23E Loveland, Colorado 80537

Twin Wash Culvert

PROPERTY IDENTIFICATION

county Navajo inventory number 05984 298.85 milepost inventory route I 40; WB location 6.0 mi E of Jct SR 77 feature intersected Twin Wash city/vicinity Carrizo **USGS** quadrangle Carrizo Butte district 87 **UTM** reference 12.592780.3872540

STRUCTURAL INFORMATION

main span number 5 main span type 219 appr. span number 0 appr. span type degree of skew guardrail type concrete box culvert 10.0 superstructure main span length 53.0 structure length substructure concrete abutments, wingwalls and piers floor/decking roadway width 0.0 asphalt roadway 0.0 none structure width other features

HISTORICAL INFORMATION

 construction date
 1959
 designer/engineer
 Arizona Highway Department

 project number
 I-008-5(6)
 builder/contractor
 Fisher Contracting Company, Phoenix AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

 alteration date(s)
 alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

NRHP eligibility non-eligible

NRHP eligibility non-eligible

NRHP criteria A B C C

signif. statement typically configured example of common, later structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Twin Wash Culvert

PROPERTY IDENTIFICATION

county Navajo inventory number 05983 298.85 milepost inventory route I 40; EB location 6.0 mi E of Jct SR 77 feature intersected Twin Wash city/vicinity Carrizo **USGS** quadrangle Carrizo Butte district 87 **UTM** reference 12.592785.3872505

STRUCTURAL INFORMATION

main span number 5 main span type 219 appr. span number 0 appr. span type degree of skew guardrail type concrete box culvert 10.0 superstructure main span length 53.0 structure length substructure concrete abutments, wingwalls and piers floor/decking roadway width 0.0 asphalt roadway 0.0 none structure width other features

HISTORICAL INFORMATION

 construction date
 1959
 designer/engineer
 Arizona Highway Department

 project number
 I-008-5(6)
 builder/contractor
 Fisher Contracting Company, Phoenix AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

 alteration date(s)
 alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____ signif. statement typically configured example of common, later structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Little Lithodendron Wash Bridge

PROPERTY IDENTIFICATION

 $\begin{array}{cccc} \textbf{county} & Navajo & \textbf{inventory number} & 00540 \\ \textbf{milepost} & 300.75 & \textbf{inventory route} & I~40; WB \\ \end{array}$

location 7.9 E Jct SR 77 feature intersected Little Lithodendron Wash

city/vicinityCarrizoUSGS quadrangleCarrizo Buttedistrict87UTM reference12.595885.3872742

STRUCTURAL INFORMATION

main span length32.0superstructureprestressed concrete deck girderstructure length322.0substructureconcrete abutments, wingwalls and piers

roadway width 44.6 floor/decking concrete deck

structure width 47.8 other features concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date 1959 designer/engineer Arizona Highway Department

 project number
 I-008-5(6)
 builder/contractor
 Fisher Contracting Company, Phoenix AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) 1986 alterations deck widened and guardrails replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 16 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Little Lithodendron Wash Bridge

PROPERTY IDENTIFICATION

 $\begin{array}{cccc} \textbf{county} & \textbf{Navajo} & \textbf{inventory number} & 00539 \\ \textbf{milepost} & 300.75 & \textbf{inventory route} & \text{I 40; EB} \\ \end{array}$

location 7.9 E Jct SR 77 feature intersected Little Lithodendron Wash

city/vicinityCarrizoUSGS quadrangleCarrizo Buttedistrict84UTM reference12.595890.3872715

STRUCTURAL INFORMATION

main span number 10 main span type 605
appr. span number 0 appr. span type
degree of skew 15 guardrail type 9
main span length 32.0 superstructure prestressed concrete deck girder

structure length 322.0 **substructure** concrete abutments, wingwalls and piers

roadway width 44.5 floor/decking concrete deck

structure width 47.9 other features concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date 1959 designer/engineer Arizona Highway Department

project numberI-008-5(6)builder/contractorFisher Contracting Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1986alterationsdeck widened and guardrails replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 16 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

West Carrizo Bridge

PROPERTY IDENTIFICATION

 $\begin{array}{cccc} \textbf{county} & \textbf{Navajo} & \textbf{inventory number} & 02057 \\ \textbf{milepost} & 300.75 & \textbf{inventory route} & \text{I } 40 \text{ SFR} \\ \end{array}$

location 7.9 mi E Jct SR 77 feature intersected Little Lithodendron Wash

city/vicinityCarrizoUSGS quadrangleCarrizo Buttedistrict87UTM reference12.595880.3872617

STRUCTURAL INFORMATION

main span length 19.0 superstructure timber stringer structure length 343.0 substructure timber pile bent abutments and piers with timber

sill plates

roadway width 23.0 floor/decking timber deck with asphalt overlay

structure width 24.7 other features timber guardrails and supports; sand barrels (for

firefighting) placed on timber platforms mounted

on sides of bridge

HISTORICAL INFORMATION

construction date 1932

project number FAP 83-C Sch. 1 information source ADOT bridge records

alteration date(s) 1986

designer/engineer

builder/contractor

structure owner

alterations

Arizona Highway Department

Canion & Royden, Phoenix AZ

Arizona Department of Transportation

deck and stringers replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 53 NRHP eligibility listed

NRHP criteria $A \underline{x} B \underline{\hspace{1cm}} C \underline{\hspace{1cm}} x$

signif. statement outstanding multiple-span example of common structural

type

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign

420 South County Road 23E Loveland, Colorado 80537

May 2009

Big Lithodendron Wash Bridge

PROPERTY IDENTIFICATION

county Navajo inventory number 00541 303.12 milepost inventory route I 40; EB

location 10.3 E Jct SR 77 feature intersected Big Lithodendron Wash city/vicinity Carrizo **USGS** quadrangle Little Lithodendron Tank district 87 **UTM** reference 12.599605.3873465

STRUCTURAL INFORMATION

main span number 15 main span type 505 appr. span number 0 appr. span type degree of skew guardrail type

prestressed concrete deck girder 33.0 superstructure main span length structure length 482.0 substructure concrete abutments, wingwalls and piers

roadway width 44.4 floor/decking concrete deck

concrete Jersey barrier guardrails with Thrie beams 47.5 structure width other features

at approaches

HISTORICAL INFORMATION

construction date designer/engineer 1959 Arizona Highway Department

I-008-5(6) project number builder/contractor Fisher Contracting Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations 1986 deck widened and guardrails replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Big Lithodendron Wash Bridge

 $\begin{array}{cccc} \textbf{county} & Navajo & \textbf{inventory number} & 00542 \\ \textbf{milepost} & 303.12 & \textbf{inventory route} & I~40; \text{WB} \\ \end{array}$

location10.3 E Jct SR 77feature intersectedBig Lithodendron Washcity/vicinityCarrizoUSGS quadrangleLittle Lithodendron Tankdistrict87UTM reference12.599588.3873490

STRUCTURAL INFORMATION

main span length32.0superstructureprestressed concrete deck girderstructure length482.0substructureconcrete abutments, wingwalls and piers

roadway width 44.2 floor/decking concrete deck

structure width 47.3 other features concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date 1960 designer/engineer Arizona Highway Department

project numberI-008-5(6)builder/contractorFisher Contracting Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1986alterationsdeck widened and guardrails replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 16 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Adamana Road Overpass

PROPERTY IDENTIFICATION

 city/vicinity
 Carrizo
 USGS quadrangle
 Little Lithodendron Tank

 district
 87
 UTM reference
 12.600330.3873618

STRUCTURAL INFORMATION

structure length29.0substructureconcrete abutments and wingwallsroadway width37.4floor/deckingconcrete deck with asphalt overlay

structure width 40.8 other features concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date 1960 designer/engineer Arizona Highway Department

project numberI-008-5(6)builder/contractorFisher Contracting Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1986alterationsdeck widened and guardrails replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 07 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Adamana Road Overpass

PROPERTY IDENTIFICATION

city/vicinityCarrizoUSGS quadrangleLittle Lithodendron Tankdistrict87UTM reference12.600303.3873645

STRUCTURAL INFORMATION

structure length 29.0 substructure concrete abutments, wingwalls and piers roadway width 37.4 floor/decking concrete deck with asphalt overlay

structure width 40.8 other features concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date 1960 designer/engineer Arizona Highway Department project number I-008-5(6) builder/contractor Fisher Contracting Company, I

project numberI-008-5(6)builder/contractorFisher Contracting Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1986alterationsdeck widened and guardrails replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 07 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Petrified Forest Underpass

PROPERTY IDENTIFICATION

county Navajo inventory number 00589

310.10 milepost inventory route Petrified Forest Road location 23.3 mi West of Jct US 19 feature intersected I 40; EB&WB city/vicinity Rice **USGS** quadrangle Kachina Point district 87 **UTM** reference 12.609170.3878995

STRUCTURAL INFORMATION

structure length250.0substructureconcrete abutments, wingwalls and piersroadway width30.0floor/deckingconcrete deck with asphalt overlay

structure width 35.0 other features concrete guardrails

HISTORICAL INFORMATION

construction date1961designer/engineerArizona Highway Departmentproject numberI-40-5(7)builder/contractorIsbell Construction Company

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1973 alterations deck widened and guardrails replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 13 NRHP eligibility non-eligible

NRHP criteria A _____ B ___ C ____

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Painted Desert Underpass

PROPERTY IDENTIFICATION

county Apache inventory number 00590

311.57 milepost inventory route Painted Desert Road location 21.8 mi West of Jct US 19 feature intersected I 40; EB & WB city/vicinity Rice **USGS** quadrangle Kachina Point district 87 **UTM** reference 12.611100.3880838

STRUCTURAL INFORMATION

main span number 4 main span type 402 appr. span number 0 appr. span type degree of skew guardrail type 1 83.0 superstructure steel I-beam stringer main span length

structure length 250.0 substructure concrete abutments, wingwalls and piers roadway width 30.0 floor/decking concrete deck with asphalt overlay

concrete guardrails 35.0 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1961 Arizona Highway Department I-40-5(7) project number builder/contractor Isbell Construction Company

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations deck widened and guardrails replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Apache inventory number 05985

315.09 milepost inventory route I 40; EB & WB

location 18.3 mi West of Jct US191 feature intersected Wash city/vicinity Rice **USGS** quadrangle Pinta

district 87 **UTM** reference 12.616297.3882600

STRUCTURAL INFORMATION

main span number 2 main span type 219

appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

21.0 structure length substructure concrete abutments, wingwalls and pier

0.0 floor/decking roadway width asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1960 Arizona Highway Department I-40-5(7) project number builder/contractor Isbell Construction Company

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1973 barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Dead River Bridge

PROPERTY IDENTIFICATION

county Apache inventory number 00565 316.17 milepost inventory route I 40; EB location 17.2 mi West of Jct US 19 feature intersected Dead River city/vicinity Rice **USGS** quadrangle Pinta

district 87 **UTM** reference 12.617900.3883200

STRUCTURAL INFORMATION

main span number 5 main span type 201 appr. span number 0 appr. span type degree of skew guardrail type 1 concrete slab 30.0 superstructure main span length

structure length 141.0 substructure concrete abutments, wingwalls and piers floor/decking roadway width 38.0 concrete deck with asphalt overlay

concrete guardrails 43.0 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1961 Arizona Highway Department I-40-5(7) project number builder/contractor Isbell Construction Company

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 27 NRHP eligibility non-eligible

NRHP criteria

signif. statement undistinguished example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Pinta Underpass

PROPERTY IDENTIFICATION

county Apache inventory number 00708 320.00 milepost inventory route Pinta Road location 13.4 mi West of Jct US1 9 feature intersected I 40; EB & WB

city/vicinity Pinta **USGS** quadrangle

district 87 **UTM** reference 12.623834.3884914

STRUCTURAL INFORMATION

main span number 4 main span type 402 appr. span number 0 appr. span type 9 degree of skew guardrail type

78.0 superstructure steel I-beam stringer main span length

structure length 250.0 substructure concrete abutments, wingwalls and piers roadway width 28.0 floor/decking concrete deck with asphalt overlay

concrete Jersey barrier guardrails with Thrie beams 32.0 structure width other features

at approaches

HISTORICAL INFORMATION

construction date designer/engineer 1962 Arizona Highway Department

I-40-5(14) project number builder/contractor Wells-Stewart Construction Co., Las Vegas NE information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1986 guardrails replaced with Jersey barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible

inventory score

NRHP criteria

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Crazy Creek Bridge

PROPERTY IDENTIFICATION

county Apache inventory number 00461 323.08 milepost inventory route I 40; WB location 10.3 mi West of Jct US191 feature intersected Crazy Creek city/vicinity Pinta **USGS** quadrangle Navajo South district 87 **UTM** reference 12.628567.3886360

STRUCTURAL INFORMATION

main span number 5 main span type 201 appr. span number 0 appr. span type degree of skew guardrail type 1 concrete slab 30.0 superstructure main span length structure length 142.0 substructure concrete abutments, wingwalls and piers roadway width 42.0 floor/decking concrete deck with asphalt overlay aluminum tubular guardrails with concrete structure width 44.6 other features bulkheads

HISTORICAL INFORMATION

construction date1956designer/engineerArizona Highway Departmentproject numberIN-83(26)builder/contractorPeter Kiewit Sons Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1976alterationsdeck widened and guardrails replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

NRHP eligibility non-eligible

NRHP criteria A B C Signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Crazy Creek Bridge

PROPERTY IDENTIFICATION

county Apache inventory number 00674 323.08 milepost inventory route I 40; EB location 10.3 mi West of Jct US 19 feature intersected Crazy Creek city/vicinity Pinta **USGS** quadrangle Navajo South district 87 **UTM** reference 12.628573.3886332

STRUCTURAL INFORMATION

main span number 5 main span type 201 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete slab 30.0 superstructure main span length structure length 142.0 substructure concrete abutments, wingwalls and piers roadway width 40.0 floor/decking concrete deck with asphalt overlay concrete Jersey barrier guardrails with Thrie beams 43.2 structure width other features

HISTORICAL INFORMATION

construction date1962designer/engineerArizona Highway Departmentproject numberI-40-5(14)builder/contractorWells-Stewart Construction Co., Las Vegas NEinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1991alterationsguardrails replaced with Jersey barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 17 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type, altered

at approaches

FORM COMPLETED BY

Clayton B. Fraser, Principal

Navajo Underpass

PROPERTY IDENTIFICATION

county	Apache	inventory number	00709
milepost	325.92	inventory route	Navajo Road
location	7.5 mi West of Jct US 191	feature intersected	I 40; EB & WB
city/vicinity	Navajo	USGS quadrangle	Navajo North
district	87	UTM reference	12.632687.3888217

STRUCTURAL INFORMATION

main span number	4	main span type	402
appr. span number	0	appr. span type	
degree of skew	0	guardrail type	9
main span length	78.0	superstructure	steel I-beam stringer
structure length	250.0	substructure	concrete abutments, wingwalls and piers
roadway width	28.2	floor/decking	concrete deck with asphalt overlay
structure width	33.0	other features	concrete Jersey barrier guardrails with Thrie beams at approaches

HISTORICAL INFORMATION

construction date	1962	designer/engineer	Arizona Highway Department
project number	I-40-5(20)	builder/contractor	Wells-Stewart Construction Co., Las Vegas NE
information source	ADOT bridge records	structure owner	Arizona Department of Transportation
alteration date(s)	1991	alterations	guardrails replaced with Jersey barriers

NATIONAL REGISTER EVALUATION

Inventory score 13

National Register Multiple Property Documentation Form

NRHP eligibility non-eligible

NRHP criteria A B C C

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537 May 2009

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

Culvert

PROPERTY IDENTIFICATION

 county
 Apache
 inventory number
 05987

 milepost
 328.51
 inventory route
 I 40; EB

 location
 4.9 mi W of Jct US 191
 feature intersected
 Wash

city/vicinityNavajoUSGS quadrangleNavajo Northdistrict87UTM reference12.636000.3890785

STRUCTURAL INFORMATION

structure length 51.0 substructure concrete abutments, wingwalls and piers

roadway width 38.0 floor/decking asphalt roadway

structure width 45.7 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1962 designer/engineer Arizona Highway Department

project number I-40-5(20) builder/contractor Wells-Stewart Construction Co., Las Vegas NE information source ADOT bridge records structure owner Arizona Department of Transportation

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 08 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typically configured example of common, later structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Apache 328.51 milepost inventory route

location 4.9 mi W of Jct US 191

city/vicinity Navajo district 87

inventory number 05988

I 40; WB feature intersected Wash

USGS quadrangle Navajo North **UTM** reference 12.635987.3890800

STRUCTURAL INFORMATION

main span number 4 appr. span number 0 degree of skew main span length 12.0

structure length 51.0 roadway width 38.0

47.4 structure width

main span type 219

appr. span type

6 guardrail type

concrete box culvert superstructure

substructure floor/decking concrete abutments, wingwalls and piers

asphalt roadway

steel Thrie beam guardrails other features

HISTORICAL INFORMATION

construction date 1955 I-83(25) project number

alteration date(s)

information source ADOT bridge records

designer/engineer

builder/contractor

structure owner alterations

Arizona Highway Department

Arizona Department of Transportation

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 04 NRHP eligibility non-eligible

> NRHP criteria C

signif. statement typically configured example of common, later structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

McCarroll Underpass

PROPERTY IDENTIFICATION

county Apache inventory number 00710

330.00 milepost inventory route McCarroll Road

location 3.4 mi W Jct US 191 feature intersected I 40

city/vicinity Chambers **USGS** quadrangle Chambers

district **UTM** reference 12.637836.3892302

STRUCTURAL INFORMATION

main span number 4 main span type 402

appr. span number 0 appr. span type 9 degree of skew guardrail type

78.0 superstructure steel I-beam stringer main span length

structure length 250.0 substructure concrete abutments, wingwalls and piers

roadway width 28.0 floor/decking concrete deck

concrete Jersey barrier guardrails with Thrie beams 33.0 structure width other features

at approaches

HISTORICAL INFORMATION

construction date designer/engineer 1962 Arizona Highway Department

I-40-5(20) project number builder/contractor Wells-Stewart Construction Co., Las Vegas NE

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations 1991 guardrails replaced with Jersey barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score NRHP criteria

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Indian Village Culvert

DDODEDTY	IDENTIFICATION	
PROPERTY	IDENTIFICATION	4

county Apache inventory number 05989

331.68 milepost inventory route I 40; EB & WB location 1.7 mi W Jct US 191 feature intersected Indian Village city/vicinity Chambers **USGS** quadrangle Chambers

district **UTM** reference 12.639926.3893997

STRUCTURAL INFORMATION

main span number 3 main span type 219

appr. span number 0 appr. span type degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

structure length 32.0 substructure concrete abutments, wingwalls and piers

floor/decking roadway width 0.0 asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1951 Arizona Highway Department

I-40-5(30) builder/contractor project number

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1979 barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

Chambers Wash Culvert

PROPERTY IDENTIFICATION

county Apache **inventory number** 05991

district 87 **UTM reference** 12.643330.3895524

STRUCTURAL INFORMATION

main span number 6 main span type 219

appr. span number $\ 0$ appr. span type degree of skew $\ 0$ guardrail type

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 64.0 substructure concrete abutments, wingwalls and piers

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

 $\begin{array}{ccc} \text{structure width} & 0.0 & \text{other features} & \text{none} \end{array}$

HISTORICAL INFORMATION

construction date1951designer/engineerArizona Highway Departmentproject numberFI-83(22)builder/contractorLyle Price, Flagstaff AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1979 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 06 NRHP eligibility non-eligible

NRHP criteria A _____ B ___ C ____

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

Navapache Wash Culvert

DDODEDTY	IDENTIFICATION	
PROPERTY	IDENTIFICATION	4

county Apache inventory number 05993

334.25 milepost inventory route I 40; EB & WB location 0.8 mi E Jct US 191 feature intersected Navapache Wash city/vicinity Chambers **USGS** quadrangle Chambers

district **UTM** reference 12.643697.3895633

STRUCTURAL INFORMATION

main span number 3 main span type 219

appr. span number 0 appr. span type degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

structure length 32.0 substructure concrete abutments, wingwalls and piers

floor/decking roadway width 0.0 asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1951 Arizona Highway Department FI-83(22) project number builder/contractor Lyle Price, Flagstaff AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1979 barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

NRHP eligibility non-eligible inventory score 03

NRHP criteria

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Burntwater Wash Culvert

PROPERTY IDENTIFICATION

county Apache inventory number 05999

342.68 milepost inventory route I 40; EB & WB location 9.3 mi E of Jct US 191 feature intersected Burntwater Wash

city/vicinity Sanders **USGS** quadrangle Sanders

district 87 **UTM** reference 12.655425.3901742

STRUCTURAL INFORMATION

main span number 3 main span type 219

appr. span number 0 appr. span type degree of skew guardrail type

concrete box culvert 12.0 superstructure main span length

structure length 38.0 substructure concrete abutments, wingwalls and piers

floor/decking roadway width 0.0 asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1949 Arizona Highway Department FI-83(20) project number builder/contractor Vinnell Company Inc., Alhambra CA information source ADOT bridge records structure owner

Arizona Department of Transportation

alteration date(s) alterations 1993 barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible

inventory score 01 NRHP criteria

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Querino Wash Culvert

PROPERTY	IDENTIFICATION
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county Apache inventory number 06001 344.37 milepost inventory route I 40; EB location 5.0 mi East Jct US 191 feature intersected Querino Wash city/vicinity Houck **USGS** quadrangle Burntwater Wash district 87 **UTM** reference 12.657273.3903700

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type degree of skew guardrail type concrete box culvert main span length 15.0 superstructure structure length 38.0 substructure concrete abutments, wingwalls and pier floor/decking roadway width 0.0 asphalt roadway 0.0 none structure width other features

HISTORICAL INFORMATION

construction date1949designer/engineerArizona Highway Departmentproject numberFI-83(20)builder/contractorVinnell Company Inc., Alhambra CAinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 10 NRHP eligibility non-eligible

NRHP criteria

A _____ B ___ C ____

signif. statement typically configured example of common, later structural type

signii. statement typicany configured example of common, facer structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Apache inventory number 06004

354.21 milepost inventory route I 40; EB & WB

location 14.7 mi East Jct US 191 feature intersected Wash city/vicinity Lupton **USGS** quadrangle Lupton

district 87 **UTM** reference 12.671536.3908804

STRUCTURAL INFORMATION

main span number 2 main span type 219

appr. span number 0 appr. span type degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

21.0 structure length substructure concrete abutments, wingwalls and pier

0.0 floor/decking roadway width asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1962 Arizona Highway Department

I-40-5(45) builder/contractor project number

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations 1975 barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score 00

NRHP criteria

signif. statement typically configured example of common, later structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Apache inventory number 06006

milepost 355.15 inventory route I 40; EB & WB location 15.6 mi East Jct US 191 feature intersected Wash

city/vicinity Lupton USGS quadrangle Lupton

district 87 **UTM reference** 12.672902.3909578

STRUCTURAL INFORMATION

 $\begin{array}{ccc} \text{main span number} & 2 & & \text{main span type} & & 219 \end{array}$

 $\begin{array}{lll} \mbox{appr. span number} & 0 & \mbox{appr. span type} \\ \mbox{degree of skew} & 45 & \mbox{guardrail type} \end{array}$

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 32.0 substructure concrete abutments, wingwalls and pier

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date 1963 designer/engineer Arizona Highway Department

project number I-40-5(45) builder/contractor

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 02 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typically configured example of common, later structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Condes Wash Culvert

PROPERTY IDENTIFICATION

county Apache inventory number 06802 356.30 milepost inventory route I 40; SFR location 14.5 mi East of Jct 191 feature intersected Condes Wash city/vicinity Lupton **USGS** quadrangle Lupton

district 87 **UTM** reference 12.674282.3910742

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type 10.0 concrete box culvert main span length superstructure

structure length 21.0 substructure concrete abutments, wingwalls and pier

42.2 floor/decking roadway width asphalt roadway

44.2 none structure width other features

HISTORICAL INFORMATION

project number

construction date 1939 designer/engineer Arizona Highway Department builder/contractor

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations concrete box culvert

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

inventory score NRHP eligibility non-eligible

> **NRHP** criteria С

signif. statement typically configured example of common, later structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Apache inventory number 06354

357.34 milepost inventory route I 40; S Frontage Road

location 17.8 mi E of Jct US 666 feature intersected city/vicinity Lupton **USGS** quadrangle Lupton

district 87 **UTM** reference 12.675417.3911918

STRUCTURAL INFORMATION

main span number 2 main span type 219

appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

21.0 structure length substructure concrete abutments, wingwalls and pier

floor/decking roadway width 41.8 asphalt roadway

43.8 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1939 Arizona Highway Department FAP 83-A(2) project number builder/contractor Skousen Brothers, Albuquerque NM information source ADOT bridge records structure owner

Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score NRHP eligibility non-eligible

> NRHP criteria C

signif. statement typically configured example of common, later structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Apache inventory number 06008

357.34 milepost inventory route I 40; EB & WB

location 17.8 mi East Jct US 191 feature intersected Wash city/vicinity Lupton **USGS** quadrangle Lupton

district 87 **UTM** reference 12.675362.3911993

STRUCTURAL INFORMATION

main span number 2 main span type 219

appr. span number 0 appr. span type degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

21.0 structure length substructure concrete abutments, wingwalls and pier

0.0 floor/decking roadway width asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1963 Arizona Highway Department

I-40-5(45) builder/contractor project number

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1975 barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible

inventory score NRHP criteria

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

Window Rock Overpass

PROPERTY IDENTIFICATION

county Apache inventory number 00677 357.53 milepost inventory route I 40; EB

location 18.1 mi E Jct US 191 feature intersected Window Rock Road

city/vicinity Lupton **USGS** quadrangle Lupton

district 87 **UTM** reference 12.675570.3912220

STRUCTURAL INFORMATION

main span number 1 main span type 107 appr. span number 0 appr. span type

6 degree of skew guardrail type

concrete rigid frame 30.0 superstructure main span length structure length 34.0 substructure concrete abutments and wingwalls

roadway width 37.0 floor/decking asphalt roadway

steel Thrie beam guardrails 40.5 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1963 Arizona Highway Department I-40-5(29) project number builder/contractor Vinnell Company Inc., Alhambra CA information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1993 Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

non-eligible

inventory score NRHP eligibility

NRHP criteria

signif. statement undistinguished, relatively late example of uncommon

structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Lupton Wash Bridge

county Apache inventory number 02059 357.95 milepost inventory route I 40; SFR location 16.0 mi East of Jct 191 feature intersected Lupton Wash city/vicinity Lupton **USGS** quadrangle Lupton

district 87 **UTM reference** 12.676117.3912674

STRUCTURAL INFORMATION

main span number 2 main span type 104 appr. span number 0 appr. span type 6 degree of skew guardrail type 27.0 superstructure concrete deck girder main span length structure length 64.0 substructure concrete abutments, wingwalls and pier floor/decking roadway width 36.7 concrete deck with asphalt overlay steel Thrie beam guardrails 39.4 structure width other features

HISTORICAL INFORMATION

 construction date
 1927
 designer/engineer
 Arizona Highway Department

 project number
 builder/contractor

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

information sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1939alterationsdeck widened and guardrails replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 24 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Apache inventory number 06010

 $\begin{tabular}{lll} \textbf{milepost} & 358.85 & \textbf{inventory route} & I~40; EB~\&~WB \\ \end{tabular}$

location19.3 mi East Jct US 191feature intersectedWashcity/vicinityLuptonUSGS quadrangleLupton

district 87 **UTM reference** 12.676638.3914005

STRUCTURAL INFORMATION

 $\begin{array}{ccc} \text{main span number} & 2 & & \text{main span type} & & 219 \end{array}$

appr. span number $\ 0$ appr. span type degree of skew $\ 0$ guardrail type

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 21.0 **substructure** concrete abutments, wingwalls and pier

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date1963designer/engineerArizona Highway Departmentproject numberI-40-5(29)builder/contractorVinnell Company Inc., Alhambra CA

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 06 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typically configured example of common, later structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Lupton Overpass

PROPERTY IDENTIFICATION

county Apache inventory number 00680 359.21 milepost inventory route I 40; WB location 19.8 mi E Jct US 191 feature intersected Lupton Road city/vicinity Lupton **USGS** quadrangle Lupton

district 87 **UTM reference** 12.677007.3914463

STRUCTURAL INFORMATION

structure length34.0substructureconcrete abutments and wingwallsroadway width37.1floor/deckingconcrete deck with asphalt overlaystructure width40.5other featuressteel Thrie beam guardrails

HISTORICAL INFORMATION

construction date1963designer/engineerArizona Highway Departmentproject numberI-40-5(29)builder/contractorVinnell Company Inc., Alhambra CAinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)ca1990alterationsThrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 10 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished, relatively late example of uncommon

structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

HISTORIC INVENTORY BRIDGE

Lupton Overpass

PROPERTY IDENTIFICATION

county Apache inventory number 00679 359.21 milepost inventory route I 40; EB location 19.8 mi E Jct US 191 feature intersected Lupton Road

city/vicinity Lupton **USGS** quadrangle Lupton

district 87 **UTM** reference 12.677024.3914442

STRUCTURAL INFORMATION

main span number 1 main span type 107 appr. span number 0 appr. span type 6 degree of skew guardrail type 30.0 superstructure concrete rigid frame main span length

structure length 34.0 substructure concrete abutments and wingwalls roadway width 37.1 floor/decking concrete deck with asphalt overlay

steel Thrie beam guardrails 40.5 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1963 Arizona Highway Department I-40-5(29) project number builder/contractor Vinnell Company Inc., Alhambra CA information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations ca1990 Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

non-eligible inventory score NRHP eligibility

NRHP criteria

signif. statement undistinguished, relatively late example of uncommon

structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

city/vicinityBrendaUSGS quadranglePlomosa Passdistrict82UTM reference11.777695.3729015

STRUCTURAL INFORMATION

 $\begin{array}{lll} \text{main span number} & 2 & \text{main span type} & 219 \\ \text{appr. span number} & 0 & \text{appr. span type} \end{array}$

degree of skew 30 guardrail type

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 24.0 substructure concrete abutments, wingwalls and pier

roadway width 48.2 floor/decking asphalt roadway

structure width 50.2 other features none

HISTORICAL INFORMATION

 construction date
 1932
 designer/engineer
 Arizona Highway Department

 project number
 FLH-1(A)
 builder/contractor
 V.R. Dennis Construction Company

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) 1965 alterations barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 14 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

BRIDGE INVENTORY HISTORIC

Culvert

PROPERTY IDENTIFICATION

county La Paz inventory number 04002 32.83 milepost inventory route US 60 location 1.6 mi East of Jct I 10 feature intersected Wash city/vicinity Brenda **USGS** quadrangle Bear Hills

district 82 **UTM** reference 12.223320.3729555

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type 0 degree of skew 45 guardrail type 10.0 main span length superstructure

concrete box culvert

structure length 29.0 substructure concrete abutments, wingwalls and pier

floor/decking roadway width 48.0 asphalt roadway

50.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1932 Arizona Highway Department FLH-1(A) project number builder/contractor V.R. Dennis Construction Company information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1965 barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county La Paz inventory number 04003 34.05 milepost inventory route US 60 location 2.8 mi East of Jct I 10 feature intersected Wash city/vicinity Brenda **USGS** quadrangle Bear Hills

district 82 **UTM reference** 12.225090.3730013

STRUCTURAL INFORMATION

main span number 3 main span type 219 appr. span number 0 appr. span type degree of skew 45 guardrail type 10.0 concrete box culvert superstructure main span length structure length 46.0 substructure concrete abutments, wingwalls and piers

HISTORICAL INFORMATION

construction date1932designer/engineerArizona Highway Departmentproject numberFLH-1(A)builder/contractorV.R. Dennis Construction Companyinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1965alterationsbarrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 15 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county La Paz inventory number 04004 34.23 milepost inventory route US 60 location 3.0 mi East of Jct I 10 feature intersected Wash city/vicinity Brenda **USGS** quadrangle Bear Hills

district 82 **UTM reference** 12.225472.3730105

STRUCTURAL INFORMATION

main span number 3 main span type 219 appr. span number 0 appr. span type degree of skew 45 guardrail type 10.0 concrete box culvert superstructure main span length structure length 46.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 other features none

HISTORICAL INFORMATION

 construction date
 1932
 designer/engineer
 Arizona Highway Department

 project number
 FLH-1(A)
 builder/contractor
 V.R. Dennis Construction Company

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) 1965 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 15 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Wash Bridge

PROPERTY IDENTIFICATION

county La Paz inventory number 00085 34.44 milepost inventory route US 60 location 3.2 mi East of Jct I 10 feature intersected Dry Wash city/vicinity Brenda **USGS** quadrangle Bear Hills

district 82 **UTM reference** 12.225755.3730190

STRUCTURAL INFORMATION

main span length 22.0 superstructure concrete slab

structure length44.0substructureconcrete abutments, wingwalls and pierroadway width41.0floor/deckingconcrete deck with asphalt overlay

structure width 46.3 other features steel beam guardrails

HISTORICAL INFORMATION

construction date 1932 designer/engineer Arizona Highway Department

project number FAP 98-F builder/contractor Ralph Pleasant Construction Co., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1966 alterations deck widened and guardrails replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 20 NRHP eligibility non-eligible

NRHP criteria A B C

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signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Wash Bridge

PROPERTY IDENTIFICATION

county La Paz inventory number 00086 35.44 milepost inventory route US 60 location 4.2 mi East of Jct I 10 feature intersected Wash city/vicinity Brenda **USGS** quadrangle Bear Hills

district 82 **UTM reference** 12.227325.3730615

STRUCTURAL INFORMATION

structure length 110.0 **substructure** concrete abutments, wingwalls and piers

roadway width 41.3 floor/decking concrete deck with asphalt overlay

structure width 46.6 other features steel beam guardrails

HISTORICAL INFORMATION

construction date 1932 designer/engineer Arizona Highway Department

project number FAP 98-F builder/contractor Ralph Pleasant Construction Co., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1966 alterations deck widened and guardrails replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 23 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Wash Bridge

PROPERTY IDENTIFICATION

county La Paz inventory number 00087 35.59 milepost inventory route US 60 location 4.3 mi East of Jct I 10 feature intersected Wash city/vicinity Brenda **USGS** quadrangle Bear Hills

district 82 **UTM reference** 12.227630.3730705

STRUCTURAL INFORMATION

structure length 44.0 substructure concrete abutments, wingwalls and pier roadway width 41.6 floor/decking concrete deck with asphalt overlay

structure width 46.8 other features steel beam guardrails

HISTORICAL INFORMATION

construction date 1932 designer/engineer Arizona Highway Department

project number FAP 98-F builder/contractor Ralph Pleasant Construction Co., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1966 **alterations** deck widened and guardrails replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 20 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

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county La Paz inventory number 04005 37.14 milepost inventory route US 60 location 5.9 mi E Jct I 10 feature intersected Wash city/vicinity Brenda **USGS** quadrangle Bear Hills

district 82 **UTM reference** 12.229920.3731300

STRUCTURAL INFORMATION

structure length 43.0 substructure concrete abutments, wingwalls and piers

roadway width 48.0 floor/decking asphalt roadway

structure width 50.0 other features none

HISTORICAL INFORMATION

construction date 1932 designer/engineer Arizona Highway Department

project numberFAP 98-Fbuilder/contractorRalph Pleasant Construction Co., Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) 1965 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 12 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

BRIDGE INVENTORY HISTORIC

Culvert

PROPERTY IDENTIFICATION

county La Paz inventory number 04006 41.24 milepost inventory route US 60 location 10.0 mi East of Jct I 10 feature intersected Wash city/vicinity Desert Wells **USGS** quadrangle Vicksburg

district 82 **UTM** reference 12.235980.3732742

STRUCTURAL INFORMATION

main span number 5 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete box culvert main span length 10.0 superstructure

structure length 53.0 substructure concrete abutments, wingwalls and piers

roadway width 48.0 floor/decking asphalt roadway

50.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1932 Arizona Highway Department

FAP 98-F project number builder/contractor Ralph Pleasant Construction Co., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1966

barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county La Paz inventory number 04007 41.38 milepost inventory route US 60 location 8.2 mi W Jct SR 72 feature intersected Wash city/vicinity Desert Wells **USGS** quadrangle Vicksburg

district 82 **UTM reference** 12.236352.3732830

STRUCTURAL INFORMATION

structure length 53.0 substructure concrete abutments, wingwalls and piers

roadway width 48.0 floor/decking asphalt roadway

structure width 50.0 other features none

HISTORICAL INFORMATION

construction date 1932 designer/engineer Arizona Highway Department

project numberFAP 98-Fbuilder/contractorRalph Pleasant Construction Co., Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

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alteration date(s) 1966 alterations barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 13 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county La Paz inventory number 04008 41.49 milepost inventory route US 60 location 8.1 mi W Jct SR 72 feature intersected Wash city/vicinity Desert Wells **USGS** quadrangle Vicksburg

district 82 **UTM reference** 12.236527.3732873

STRUCTURAL INFORMATION

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 53.0 substructure concrete abutments, wingwalls and piers

roadway width 48.0 floor/decking asphalt roadway

structure width 50.0 other features none

HISTORICAL INFORMATION

construction date 1932 designer/engineer Arizona Highway Department

project numberFAP 98-Fbuilder/contractorRalph Pleasant Construction Co., Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) 1966 alterations barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 13 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county La Paz inventory number 04009 41.60 milepost inventory route US 60 location 8.0 mi W Jct SR 72 feature intersected Wash city/vicinity Desert Wells **USGS** quadrangle Vicksburg

district 82 **UTM reference** 12.236695.3732900

STRUCTURAL INFORMATION

structure length 53.0 substructure concrete abutments, wingwalls and piers

roadway width 48.0 floor/decking asphalt roadway

structure width 50.0 other features none

HISTORICAL INFORMATION

construction date 1932 designer/engineer Arizona Highway Department

project numberFAP 98-Fbuilder/contractorRalph Pleasant Construction Co., Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) 1966 alterations barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 13 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county La Paz inventory number 04010 41.76 milepost inventory route US 60 location 7.8 mi W Jct SR 72 feature intersected Wash city/vicinity Desert Wells **USGS** quadrangle Vicksburg

district 82 **UTM reference** 12.236908.3732950

STRUCTURAL INFORMATION

structure length 53.0 **substructure** concrete abutments, wingwalls and piers

roadway width 48.0 floor/decking asphalt roadway

structure width 50.0 other features none

HISTORICAL INFORMATION

construction date 1932 designer/engineer Arizona Highway Department

project numberFAP 98-Fbuilder/contractorRalph Pleasant Construction Co., Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) 1966 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 13 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county La Paz inventory number 04011 41.85 milepost inventory route US 60 location 7.7 mi W Jct SR 72 feature intersected Wash city/vicinity Desert Wells **USGS** quadrangle Vicksburg

district 82 **UTM reference** 12.237012.3732980

STRUCTURAL INFORMATION

main span number 5 main span type 219
appr. span number 0 appr. span type
degree of skew 0 guardrail type 0

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

roadway width 48.0 floor/decking asphalt roadway

structure width 50.0 other features none

HISTORICAL INFORMATION

53.0

structure length

construction date 1932 designer/engineer Arizona Highway Department

project numberFAP 98-Fbuilder/contractorRalph Pleasant Construction Co., Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

substructure

alteration date(s) 1966 alterations barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

concrete abutments, wingwalls and piers

inventory score 13 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

	PERTY	IDENIT		TION
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county La Paz inventory number 04012 41.98 milepost inventory route US 60 location 7.6 mi West of Jct SR 72 feature intersected Wash city/vicinity Desert Wells **USGS** quadrangle Vicksburg

district 82 **UTM reference** 12.237355.3733062

STRUCTURAL INFORMATION

structure length 53.0 **substructure** concrete abutments, wingwalls and piers

roadway width 48.0 floor/decking asphalt roadway

structure width 50.0 other features none

HISTORICAL INFORMATION

construction date 1932 designer/engineer Arizona Highway Department

project numberFAP 98-Fbuilder/contractorRalph Pleasant Construction Co., Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) 1966 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 13 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county La Paz inventory number 04013 42.10 milepost inventory route US 60 location 7.5 mi W Jct SR 72 feature intersected Wash Desert Wells city/vicinity **USGS** quadrangle Vicksburg

district 82 **UTM reference** 12.237530.3733095

STRUCTURAL INFORMATION

structure length 53.0 **substructure** concrete abutments, wingwalls and piers

roadway width 48.0 floor/decking asphalt roadway

structure width 50.0 other features none

HISTORICAL INFORMATION

construction date 1932 designer/engineer Arizona Highway Department

project numberFAP 98-Fbuilder/contractorRalph Pleasant Construction Co., Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) 1966 alterations barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 13 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county La Paz inventory number 04014 42.23 milepost inventory route US 60 location 7.3 mi W Jct SR 72 feature intersected Wash Desert Wells city/vicinity **USGS** quadrangle Vicksburg

district 82 **UTM reference** 12.237830.3733163

STRUCTURAL INFORMATION

main span number 5 main span type 219
appr. span number 0 appr. span type
degree of skew 0 guardrail type 0

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 53.0 substructure concrete abutments, wingwalls and piers

roadway width 48.0 floor/decking asphalt roadway

structure width 50.0 other features none

HISTORICAL INFORMATION

construction date 1932 designer/engineer Arizona Highway Department

project numberFAP 98-Fbuilder/contractorRalph Pleasant Construction Co., Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

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alteration date(s) 1966 alterations barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 13 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county La Paz inventory number 04015 42.36 milepost inventory route US 60 location 7.2 mi W Jct SR 72 feature intersected Wash city/vicinity Desert Wells **USGS** quadrangle Vicksburg

district 82 **UTM reference** 12.238032.3733210

STRUCTURAL INFORMATION

main span length10.0superstructureconcrete box culvertstructure length53.0substructureconcrete abutments, wingwalls and piers

roadway width 48.0 floor/decking asphalt roadway

structure width 50.0 other features none

HISTORICAL INFORMATION

construction date 1932 designer/engineer Arizona Highway Department

project numberFAP 98-Fbuilder/contractorRalph Pleasant Construction Co., Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) 1966 alterations barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 13 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

BRIDGE INVENTORY HISTORIC

Culvert

PROPERTY IDENTIFICATION

county La Paz inventory number 04016 44.40 milepost inventory route US 60 location 5.2 mi W Jct SR 72 feature intersected Wash city/vicinity Vicksburg **USGS** quadrangle Vicksburg

district 82 **UTM** reference 12.241250.3733960

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type

degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

21.0 structure length substructure concrete abutments, wingwalls and pier

0.0 floor/decking roadway width asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1932 Arizona Highway Department

FAP 98-F project number builder/contractor Ralph Pleasant Construction Co., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1966

barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible

inventory score NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

BRIDGE INVENTORY HISTORIC

Culvert

PROPERTY IDENTIFICATION

county La Paz inventory number 04017 45.06 milepost inventory route US 60 location 4.5 mi W Jct SR 72 feature intersected Wash city/vicinity Vicksburg **USGS** quadrangle Vicksburg

district 82 **UTM** reference 12.242290.3734195

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

21.0 structure length substructure concrete abutments, wingwalls and pier

floor/decking roadway width 48.0 asphalt roadway

50.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1932 Arizona Highway Department

FAP 98-F project number builder/contractor Ralph Pleasant Construction Co., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1966 barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county La Paz inventory number 04018 46.17 milepost inventory route US 60 location 3.4 mi W Jct SR 72 feature intersected Wash city/vicinity Vicksburg **USGS** quadrangle Vicksburg

district 82 **UTM reference** 12.244040.3734405

STRUCTURAL INFORMATION

main span number 3 main span type 219 appr. span number 0 appr. span type degree of skew 0 guardrail type 0

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 32.0 substructure concrete abutments, wingwalls and piers roadway width 48.0 floor/decking asphalt roadway

structure width 50.0 other features none

HISTORICAL INFORMATION

construction date 1932 designer/engineer Arizona Highway Department

project numberFAP 98-Ebuilder/contractorRalph Pleasant Construction Co., Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) 1966 alterations barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 11 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county La Paz inventory number 04019 46.36 milepost inventory route US 60 location 3.2 mi W Jct SR 72 feature intersected Wash city/vicinity Vicksburg **USGS** quadrangle Vicksburg

district 82 **UTM reference** 12.244380.3734428

STRUCTURAL INFORMATION

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 32.0 substructure concrete abutments, wingwalls and piers

roadway width 48.0 floor/decking asphalt roadway

structure width 50.0 other features none

HISTORICAL INFORMATION

construction date 1932 designer/engineer Arizona Highway Department

project numberFAP 98-Ebuilder/contractorRalph Pleasant Construction Co., Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

The state of the s

alteration date(s) 1966 alterations barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 11 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county La Paz inventory number 04020 46.80 milepost inventory route US 60 location 2.8 mi W Jct SR 72 feature intersected Wash city/vicinity Vicksburg **USGS** quadrangle Vicksburg

district 82 **UTM reference** 12.245103.3734480

STRUCTURAL INFORMATION

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 43.0 substructure concrete abutments, wingwalls and piers

roadway width 48.0 floor/decking asphalt roadway

structure width 50.0 other features none

HISTORICAL INFORMATION

construction date 1932 designer/engineer Arizona Highway Department

project numberFAP 98-Ebuilder/contractorRalph Pleasant Construction Co., Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

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alteration date(s) 1966 alterations barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 12 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

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Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county La Paz inventory number 04021 47.52 milepost inventory route US 60 location 2.0 mi W Jct SR 72 feature intersected Wash city/vicinity Hope **USGS** quadrangle Hope

district 82 **UTM reference** 12.246227.3734547

STRUCTURAL INFORMATION

structure length 21.0 substructure concrete abutments, wingwalls and pier

roadway width 48.0 floor/decking asphalt roadway

structure width 50.0 other features none

HISTORICAL INFORMATION

construction date 1932 designer/engineer Arizona Highway Department

project numberFAP 98-Ebuilder/contractorRalph Pleasant Construction Co., Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) 1966 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 10 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county La Paz inventory number 04022 47.94 milepost inventory route US 60 location 1.7 mi W Jct SR 72 feature intersected Wash city/vicinity Hope **USGS** quadrangle Hope

district 82 **UTM reference** 12.246900.3734594

STRUCTURAL INFORMATION

main span length10.0superstructureconcrete box culvertstructure length21.0substructureconcrete abutments, wingwalls and pier

roadway width 48.0 floor/decking asphalt roadway

structure width 50.0 other features none

HISTORICAL INFORMATION

construction date 1932 designer/engineer Arizona Highway Department

project numberFAP 98-Ebuilder/contractorRalph Pleasant Construction Co., Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) 1966 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 10 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Hope Wash Bridge

PROPERTY IDENTIFICATION

county La Paz inventory number 00471 50.65 milepost inventory route US 60 location 1.0 mi E Jct SR 72 feature intersected Wash city/vicinity Hope **USGS** quadrangle Hope

district **UTM** reference 12.251242.3735046

STRUCTURAL INFORMATION

main span number 3 main span type 201 appr. span number 0 appr. span type 5 degree of skew guardrail type concrete slab 25.0 superstructure main span length structure length 68.0 substructure concrete abutments, wingwalls and piers

roadway width 34.3 floor/decking concrete deck with asphalt overlay steel baluster guardrails 39.3

other features

HISTORICAL INFORMATION

structure width

construction date designer/engineer 1956 Arizona Highway Department F-98(22) project number builder/contractor Dale F. Payne, Phoenix AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1990 scour protection built

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Wash Bridge

PROPERTY IDENTIFICATION

county La Paz inventory number 00088 54.37 milepost inventory route US 60 location 4.8 mi E Jct SR 72 feature intersected Dry Wash city/vicinity Harcuvar **USGS** quadrangle Harcuvar

district 88 **UTM reference** 12.252687.3737892

STRUCTURAL INFORMATION

main span number 2 main span type 101 appr. span number 0 appr. span type degree of skew guardrail type concrete slab 20.0 superstructure main span length structure length 40.0 substructure concrete abutments, wingwalls and piers roadway width 34.0 floor/decking concrete deck with asphalt overlay steel angle guardrails with concrete curbs 37.0 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1932 Arizona Highway Department FAP 98-E project number builder/contractor Ralph Pleasant Construction Co., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1958 alterations 1990 deck widened, guardrails replaced and scour protection built

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 20 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Wash Bridge

PROPERTY IDENTIFICATION

county La Paz inventory number 00089 55.29 milepost inventory route US 60 location 5.7 mi E Jct SR 72 feature intersected Dry Wash city/vicinity Harcuvar **USGS** quadrangle Harcuvar

district 88 **UTM reference** 12.253812.3738497

STRUCTURAL INFORMATION

main span number 3 main span type 101 appr. span number 0 appr. span type degree of skew guardrail type concrete slab 20.0 superstructure main span length structure length 60.0 substructure concrete abutments, wingwalls and piers 34.2 roadway width floor/decking concrete deck with asphalt overlay steel angle guardrails with concrete curbs 38.6 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1932 Arizona Highway Department FAP 98-E project number builder/contractor Ralph Pleasant Construction Co., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1958 alterations 1990 deck widened, guardrails replaced and scour protection built

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 21 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Salome Wash Bridge

PROPERTY	IDENTIFICATION	

county La Paz inventory number 00254 56.58 milepost inventory route US 60 location 7.0 mi E Jct SR 72 feature intersected Salome Wash city/vicinity Harcuvar **USGS** quadrangle Harcuvar

district 88 **UTM reference** 12.255040.3739246

STRUCTURAL INFORMATION

structure length 76.0 substructure concrete abutments, wingwalls and piers roadway width 34.0 floor/decking concrete deck with asphalt overlay

structure width 36.8 other features steel beam guardrails with concrete bulkheads

HISTORICAL INFORMATION

construction date1941designer/engineerArizona Highway Departmentproject numberNFA 98-Dbuilder/contractorH.L. Royden, Phoenix AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1990 **alterations** scour protection built

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 22 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county La Paz inventory number 04023 56.85 milepost inventory route US 60 location 7.3 mi E Jct SR 72 feature intersected Wash city/vicinity Harcuvar **USGS** quadrangle Harcuvar

district 88 **UTM reference** 12.255397.3739460

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert structure length 32.0 substructure concrete abutments, v

structure length 32.0 substructure concrete abutments, wingwalls and piers roadway width 39.0 floor/decking asphalt roadway

structure width 41.6 other features steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1958 designer/engineer Arizona Highway Department

 project number
 F-022-1(1)
 builder/contractor
 W.J. Henson Contracting Co., Prescott AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) ca1990 alterations Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

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Clayton B. Fraser, Principal

BRIDGE INVENTORY HISTORIC

Wash Bridge

PRO	PERTY	IDENT	IFICATIO	NC

county La Paz inventory number 00426 57.58 milepost inventory route US 60 location 8.0 mi East Jct SR 72 feature intersected Dry Wash city/vicinity Salome **USGS** quadrangle Harcuvar

district 88 **UTM** reference 12.256310.3740037

STRUCTURAL INFORMATION

main span number 5 main span type 402 appr. span number 0 appr. span type 6 degree of skew guardrail type main span length 19.0 superstructure steel I-beam stringer

structure length 97.0 substructure concrete abutments and wingwalls with steel and

wood pile piers

34.0 concrete deck with asphalt overlay roadway width floor/decking structure width 36.0 other features steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1954 designer/engineer Arizona Highway Department

project number NF-98-D builder/contractor Larsen Contracting Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) ca1990 alterations Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 15 NRHP eligibility non-eligible

> **NRHP** criteria C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

Wash Bridge

PROPERTY IDENTIFICATION

county La Paz inventory number 00427 58.25 milepost inventory route US 60 location 8.7 mi E Jct SR 72 feature intersected Dry Wash city/vicinity Salome **USGS** quadrangle Salome

district 88 **UTM reference** 12.257190.3740578

STRUCTURAL INFORMATION

main span number 3 main span type 402 appr. span number 0 appr. span type 6 degree of skew guardrail type main span length 19.0 superstructure steel I-beam stringer structure length 59.0 substructure concrete abutments and wingwalls with steel and wood pile piers 34.3 concrete deck with asphalt overlay roadway width floor/decking

structure width 36.3 other features steel Thrie beam guardrails

HISTORICAL INFORMATION

 construction date
 1954
 designer/engineer
 Arizona Highway Department

 project number
 NF-98-D
 builder/contractor
 Larsen Contracting Company, Phoenix AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) ca1990 alterations Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple 1 Toperty Documentation 1 on

inventory score 13 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537 May 2009

viay 2009

Culvert

PROPERTY IDENTIFICATION

county La Paz inventory number 04024 58.68 milepost inventory route US 60 location 9.0 mi E Jct SR 72 feature intersected Wash city/vicinity Salome **USGS** quadrangle Salome

district 88 **UTM reference** 12.258428.3741350

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert structure length 24.0 substructure concrete abutments, v

structure length 24.0 substructure concrete abutments, wingwalls and pier roadway width 39.2 floor/decking asphalt roadway

structure width 41.7 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1934 designer/engineer Arizona Highway Department

project number NRH 98-D builder/contractor Pleasant-Hasler Construction Co., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1958 ca1990 alterations barrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 06 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

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Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county La Paz inventory number 04025 58.91 milepost inventory route US 60 location 9.4 mi E Jct SR 72 feature intersected Wash city/vicinity Salome **USGS** quadrangle Salome

district 88 **UTM reference** 12.258703.3741530

STRUCTURAL INFORMATION

 $\begin{array}{lll} \text{main span number} & 3 & \text{main span type} & 219 \\ \text{appr. span number} & 0 & \text{appr. span type} \\ \text{degree of skew} & 0 & \text{guardrail type} \end{array}$

structure length32.0substructureconcrete abutments, wingwalls and piersroadway width0.0floor/deckingasphalt roadway

structure width 0.0 other features steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1958 designer/engineer Arizona Highway Department

project numberF-022-1(1)builder/contractorW.J. Henson Contracting Co., Prescott AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)ca1990alterationsThrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county La Paz inventory number 04026 59.38 milepost inventory route US 60 location 9.8 mi E Jct SR 72 feature intersected Wash city/vicinity Salome **USGS** quadrangle Salome

district 88 **UTM reference** 12.262119.3743690

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert structure length 21.0 substructure concrete abutments, wingwalls and pier

roadway width 39.2 floor/decking asphalt roadway

structure width 41.8 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1934 designer/engineer Arizona Highway Department

 project number
 NRH 98-D
 builder/contractor
 Pleasant-Hasler Construction Co., Phoenix AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) 1958 ca1990 alterations barrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 06 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

IDENTIFICATION	

county La Paz inventory number 04027 59.67 milepost inventory route US 60 location 10.1 mi E Jct SR 72 feature intersected Wash city/vicinity Salome **USGS** quadrangle Salome

district 88 **UTM reference** 12.262515.3743930

STRUCTURAL INFORMATION

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 21.0 **substructure** concrete abutments, wingwalls and pier

roadway width 39.2 floor/decking asphalt roadway

structure width 41.8 other features none

HISTORICAL INFORMATION

construction date 1934 designer/engineer Arizona Highway Department

project number NRH 98-D builder/contractor Pleasant-Hasler Construction Co., Phoenix AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1958 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 06 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

BRIDGE INVENTORY HISTORIC

Culvert

PROPERTY IDENTIFICATION

county La Paz inventory number 04028 59.97 milepost inventory route US 60 location 10.4 mi E Jct SR 72 feature intersected Wash city/vicinity Salome **USGS** quadrangle Salome

district 88 **UTM** reference 12.262938.3744190

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

21.0 structure length substructure concrete abutments, wingwalls and pier

roadway width 39.3 floor/decking asphalt roadway

41.9 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1934 Arizona Highway Department

NRH 98-D project number builder/contractor Pleasant-Hasler Construction Co., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1958

barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score 06

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

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Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county La Paz inventory number 04029 60.16 milepost inventory route US 60 location 10.6 mi E Jct SR 72 feature intersected Wash city/vicinity Salome **USGS** quadrangle Salome

district 88 **UTM** reference 12.263213.3744366

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

21.0 structure length substructure concrete abutments, wingwalls and pier 39.0 asphalt roadway

roadway width floor/decking 41.4 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1934 Arizona Highway Department

NRH 98-D project number builder/contractor Pleasant-Hasler Construction Co., Phoenix AZ structure owner

information source ADOT bridge records Arizona Department of Transportation

alteration date(s) alterations 1958 barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score 06

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county La Paz inventory number 04030 60.29 milepost inventory route US 60 location 10.7 mi E Jct SR 72 feature intersected Wash city/vicinity Salome **USGS** quadrangle Salome

district 88 **UTM reference** 12.263383.3744476

STRUCTURAL INFORMATION

 $\begin{array}{lllll} \text{main span number} & 3 & \text{main span type} & 219 \\ \text{appr. span number} & 0 & \text{appr. span type} \\ \text{degree of skew} & 0 & \text{guardrail type} \end{array}$

main span length 10.0 superstructure concrete box culvert

structure length 32.0 **substructure** concrete abutments, wingwalls and piers

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

 $\begin{array}{ccc} \textbf{structure width} & 0.0 & \textbf{other features} & \text{steel Thrie beam guardrails} \\ \end{array}$

HISTORICAL INFORMATION

construction date 1958 designer/engineer Arizona Highway Department

project numberF-022-1(1)builder/contractorW.J. Henson Contracting Co., Prescott AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)ca1990alterationsThrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county La Paz inventory number 04032 61.33 milepost inventory route US 60 location 11.7 mi East Jct SR 72 feature intersected Wash city/vicinity Salome **USGS** quadrangle Salome

district 88 **UTM reference** 12.264752.3745347

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert structure length 32.0 substructure concrete abutments, wingwalls and piers

roadway width 38.5 floor/decking asphalt roadway

structure width 40.6 other features steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1934 designer/engineer Arizona Highway Department

project number NRH 98-D builder/contractor Pleasant-Hasler Construction Co., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1958 **alterations** barrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 06 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Centennial Wash Bridge

PROPERTY IDENTIFICATION

 county
 La Paz
 inventory number
 00117

 milepost
 62.03
 inventory route
 US 60

location 12.4 mi East of Jct SR 72 feature intersected Centennial Wash

city/vicinity Wenden USGS quadrangle Salome

district 88 **UTM reference** 12.265595.3745520

STRUCTURAL INFORMATION

main span length 36.0 superstructure steel I-beam stringer structure length 504.0 substructure concrete abutments,

structure length 504.0 substructure concrete abutments, wingwalls and piers roadway width 30.0 floor/decking concrete deck

structure width 35.0 other features concrete Jersey barrier guardrails

HISTORICAL INFORMATION

construction date 1934 designer/engineer Arizona Highway Department

project numberNRH 98-Dbuilder/contractorPleasant-Hasler Construction Co., Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1958ca1990alterationsdeck widened; Jersey barrier guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 24 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical example of common structural type, substantially

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county La Paz inventory number 04033 63.10 milepost inventory route US 60 location 13.5 mi E Jct SR 72 feature intersected Wash city/vicinity Wenden **USGS** quadrangle Salome

district 88 **UTM reference** 12.267174.3745905

STRUCTURAL INFORMATION

structure length 21.0 substructure concrete abutments, wingwalls and pier roadway width 48.1 floor/decking asphalt roadway

oadway width 46.1 Hoof/decking aspirate foat

structure width 50.1 other features none

HISTORICAL INFORMATION

construction date 1934 designer/engineer Arizona Highway Department

project number NRH 98-D builder/contractor Pleasant-Hasler Construction Co., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1962 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 06 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county La Paz inventory number 04034 63.52 milepost inventory route US 60 location 13.9 mi E Jct SR 72 feature intersected Wash city/vicinity Wenden **USGS** quadrangle Salome

district 88 **UTM reference** 12.267802.3746140

STRUCTURAL INFORMATION

main span length10.0superstructureconcrete box culvertstructure length21.0substructureconcrete abutments, wingwalls and pier

roadway width 48.0 floor/decking asphalt roadway

structure width 50.0 other features none

HISTORICAL INFORMATION

construction date 1934 designer/engineer Arizona Highway Department

project number NRH 98-D builder/contractor Pleasant-Hasler Construction Co., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1962 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 06 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county La Paz inventory number 04035 milepost 63.67 inventory route US 60 location 14.1 mi E Jct SR 72 feature intersected Wash city/vicinity Wenden **USGS** quadrangle Salome

district 88 **UTM reference** 12.268030.3746230

STRUCTURAL INFORMATION

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 21.0 **substructure** concrete abutments, wingwalls and pier

roadway width 48.0 floor/decking asphalt roadway

structure width 50.0 other features none

HISTORICAL INFORMATION

construction date 1934 designer/engineer Arizona Highway Department

project numberNRH 98-Dbuilder/contractorPleasant-Hasler Construction Co., Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

The of the state of the special of t

alteration date(s) 1962 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 06 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county La Paz inventory number 04036 63.80 milepost inventory route US 60 location 14.2 mi E Jct SR 72 feature intersected Wash city/vicinity Wenden **USGS** quadrangle Salome

district 88 **UTM** reference 12.268222.3746308

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

21.0 structure length substructure concrete abutments, wingwalls and pier

roadway width 48.1 floor/decking asphalt roadway

50.1 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1934 Arizona Highway Department

NRH 98-D project number builder/contractor Pleasant-Hasler Construction Co., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1962 barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score 06

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county La Paz inventory number 04037 64.07 milepost inventory route US 60 location 14.5 mi E Jct SR 72 feature intersected Wash city/vicinity Wenden **USGS** quadrangle Salome

district 88 **UTM reference** 12.268626.3746455

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert

structure length 21.0 substructure concrete abutments, wingwalls and pier roadway width 48.0 floor/decking asphalt roadway

outly from 10.0

structure width 50.0 other features none

HISTORICAL INFORMATION

construction date 1934 designer/engineer Arizona Highway Department

project numberNRH 98-Dbuilder/contractorPleasant-Hasler Construction Co., Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

The state of the s

alteration date(s) 1962 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 06 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county La Paz inventory number 04038 64.60 milepost inventory route US 60 location 15.0 mi E Jct SR 72 feature intersected Wash city/vicinity Wenden **USGS** quadrangle Socorro Peak district 88 **UTM** reference 12.269412.3746750

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete box culvert main span length 10.0 superstructure 21.0 structure length substructure concrete abutments, wingwalls and pier roadway width 48.2 floor/decking asphalt roadway 50.2 none structure width other features

HISTORICAL INFORMATION

construction date1934designer/engineerArizona Highway Departmentproject numberNRH 98-Dbuilder/contractorPleasant-Hasler Construction Co., Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1962alterationsbarrels extended

NATIONAL REGISTER EVALUATION

inventory score 06

NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537 May 2009

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

Wash Bridge

PROPERTY IDENTIFICATION

county La Paz inventory number 00417
milepost 64.88 inventory route US 60
location 15.3 mi E Jct SR 72 feature intersected Wash
city/vicinity Wenden USGS quadrangle Socory

city/vicinityWendenUSGS quadrangleSocorro Peakdistrict88UTM reference12.269866.3746940

STRUCTURAL INFORMATION

main span number 6 main span type 201
appr. span number 0 appr. span type
degree of skew 0 guardrail type 1

main span length 20.0 superstructure concrete slab structure length 115.0 substructure concrete abutments, wingwalls and piers

roadway width 40.0 floor/decking concrete deck

structure width 44.8 other features solid concrete guardrails with aluminum tubes

HISTORICAL INFORMATION

construction date1954designer/engineerArizona Highway Departmentproject numberNF-98-Dbuilder/contractorLarsen Contracting Company, P.

project number NF-98-D builder/contractor Larsen Contracting Company, Phoenix AZ information source ADOT bridge records alteration date(s) 1962 1995 alterations Larsen Contracting Company, Phoenix AZ Arizona Department of Transportation deck widened, guardrails replaced and scour

mentantian built

protection built

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 16 NRHP eligibility non-eligible

NRHP criteria A ____ B ___ C ___

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

Culvert

PROPERTY IDENTIFICATION

county La Paz inventory number 04039 65.13 milepost inventory route US 60 location 15.6 mi E Jct SR 72 feature intersected Wash

city/vicinity Wenden **USGS** quadrangle Socorro Peak district 88 **UTM** reference 12.270248.3747088

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

21.0 structure length substructure concrete abutments, wingwalls and pier

roadway width 48.3 floor/decking asphalt roadway

50.3 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1934 Arizona Highway Department

NRH 98-D project number builder/contractor Pleasant-Hasler Construction Co., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

1962 barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score 06

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county La Paz inventory number 04040 65.36 milepost inventory route US 60 location 20.4 mi W Jct SR 71 feature intersected Wash city/vicinity Wenden **USGS** quadrangle Socorro Peak

 district
 88
 UTM reference
 12.270537.3747190

STRUCTURAL INFORMATION

structure length 21.0 **substructure** concrete abutments, wingwalls and pier

roadway width 48.0 floor/decking asphalt roadway

structure width 50.0 other features none

HISTORICAL INFORMATION

construction date 1934 designer/engineer Arizona Highway Department

project number NRH 98-D builder/contractor Pleasant-Hasler Construction Co., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1962 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 06 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

city/vicinityWendenUSGS quadrangleSocorro Peakdistrict88UTM reference12.270898.3747338

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert

structure length 21.0 substructure concrete abutments, wingwalls and pier roadway width 48.1 floor/decking asphalt roadway

structure width 50.1 other features none

HISTORICAL INFORMATION

construction date 1934 designer/engineer Arizona Highway Department

project number NRH 98-D builder/contractor Pleasant-Hasler Construction Co., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1962 alterations barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 06 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

04042

US 60

Wash

PROPERTY IDENTIFICATION

 $\begin{array}{cccc} \textbf{county} & \text{La Paz} & \textbf{inventory number} \\ \textbf{milepost} & 65.89 & \textbf{inventory route} \\ \textbf{location} & 19.9 \text{ mi W Jct SR 71} & \textbf{feature intersected} \\ \end{array}$

city/vicinityWendenUSGS quadrangleSocorro Peakdistrict88UTM reference12.271340.3747517

STRUCTURAL INFORMATION

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 43.0 substructure concrete abutments, wingwalls and piers

roadway width 48.0 floor/decking asphalt roadway

structure width 50.0 other features none

HISTORICAL INFORMATION

construction date 1934 designer/engineer Arizona Highway Department

project numberNRH 98-Dbuilder/contractorPleasant-Hasler Construction Co., Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) 1962 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 08 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

04043

PROPERTY IDENTIFICATION

county La Paz inventory number 66.13 milepost inventory route

US 60 location 19.7 mi W Jct SR 71 feature intersected Wash

city/vicinity Wenden **USGS** quadrangle Socorro Peak district 88 **UTM** reference 12.271706.3747650

STRUCTURAL INFORMATION

main span number 3 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

structure length 32.0 substructure concrete abutments, wingwalls and piers

roadway width 48.0 floor/decking asphalt roadway

50.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1934 Arizona Highway Department

NRH 98-D project number builder/contractor Pleasant-Hasler Construction Co., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1962 barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

NRHP eligibility non-eligible inventory score 07

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

Culvert

PROPERTY IDENTIFICATION

city/vicinityWendenUSGS quadrangleSocorro Peakdistrict88UTM reference12.272570.3747986

STRUCTURAL INFORMATION

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 32.0 substructure concrete abutments, wingwalls and piers

roadway width 48.1 floor/decking asphalt roadway

structure width 50.1 other features none

HISTORICAL INFORMATION

construction date 1934 designer/engineer Arizona Highway Department

project numberNRH 98-Dbuilder/contractorPleasant-Hasler Construction Co., Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

This is the state of the state

alteration date(s) 1962 alterations barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 07 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

 $\begin{array}{cccc} \textbf{county} & \text{La Paz} & \textbf{inventory number} & 04045 \\ \textbf{milepost} & 66.85 & \textbf{inventory route} & US \ 60 \\ \textbf{location} & 18.9 \ \text{mi W Jct SR 71} & \textbf{feature intersected} & Wash \\ \end{array}$

city/vicinityWendenUSGS quadrangleSocorro Peakdistrict88UTM reference12.272798.3748078

STRUCTURAL INFORMATION

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 43.0 substructure concrete abutments, wingwalls and piers

roadway width 48.0 floor/decking asphalt roadway

structure width 50.0 other features none

HISTORICAL INFORMATION

construction date 1934 designer/engineer Arizona Highway Department

project number NRH 98-D builder/contractor Pleasant-Hasler Construction Co., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

The state of the s

alteration date(s) 1962 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 08 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

DEDTY	IDENTIFI	CATION

county La Paz 67.16 milepost

18.6 mi W Jct SR 71 location

city/vicinity Wenden district 88

inventory number

inventory route feature intersected

04046 US 60 Wash

219

USGS quadrangle Socorro Peak **UTM** reference 12.273250.3748250

STRUCTURAL INFORMATION

main span number 3 appr. span number 0 degree of skew

10.0

main span length structure length 32.0 roadway width 48.0

50.0 structure width

main span type

appr. span type

0 guardrail type

concrete box culvert superstructure

substructure

concrete abutments, wingwalls and piers

floor/decking asphalt roadway none other features

HISTORICAL INFORMATION

construction date project number

1934 NRH 98-D

information source ADOT bridge records

alteration date(s) 1962 designer/engineer

Arizona Highway Department builder/contractor Pleasant-Hasler Construction Co., Phoenix AZ

structure owner alterations

Arizona Department of Transportation

barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

inventory score 07

NRHP eligibility non-eligible

NRHP criteria

signif. statement typical, relatively late example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county La Paz 67.74 milepost

location 18.0 mi W Jct SR 71

city/vicinity Wenden district 88

inventory number

04047 US 60

inventory route feature intersected Wash

USGS quadrangle Socorro Peak **UTM** reference 12.274110.3748600

STRUCTURAL INFORMATION

main span number 3 appr. span number 0 degree of skew

main span length 10.0 structure length 32.0

roadway width 48.1 50.1 structure width

main span type

appr. span type

0 guardrail type

superstructure

concrete box culvert substructure concrete abutments, wingwalls and piers

219

floor/decking asphalt roadway

none other features

HISTORICAL INFORMATION

construction date 1934 project number

NRH 98-D

information source ADOT bridge records

alteration date(s) 1962 designer/engineer

builder/contractor

Arizona Highway Department Pleasant-Hasler Construction Co., Phoenix AZ

structure owner alterations

Arizona Department of Transportation

barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

inventory score 07

NRHP eligibility non-eligible

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

Culvert

04048

PROPERTY IDENTIFICATION

countyLa Pazinventory numbermilepost68.18inventory route

 $\begin{array}{lll} \mbox{milepost} & 68.18 & \mbox{inventory route} & US~60 \\ \mbox{location} & 17.6~\mbox{mi}~\mbox{W}~\mbox{of}~\mbox{Jct}~\mbox{SR}~71 & \mbox{feature intersected} & \mbox{Wash} \\ \end{array}$

city/vicinityWendenUSGS quadrangleSocorro Peakdistrict88UTM reference12.274796.3748860

STRUCTURAL INFORMATION

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 32.0 substructure concrete abutments, wingwalls and piers

roadway width 48.3 floor/decking asphalt roadway

structure width 50.3 other features none

HISTORICAL INFORMATION

construction date 1934 designer/engineer Arizona Highway Department

project numberNRH 98-Dbuilder/contractorPleasant-Hasler Construction Co., Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) 1962 alterations barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 07 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

city/vicinityWendenUSGS quadrangleSocorro Peakdistrict88UTM reference12.275778.3749232

STRUCTURAL INFORMATION

main span length10.0superstructureconcrete box culvert

structure length 21.0 substructure concrete abutments, wingwalls and pier roadway width 48.3 floor/decking asphalt roadway

roadway width 48.3 floor/decking asphalt road structure width 50.3 other features none

HISTORICAL INFORMATION

construction date 1934 designer/engineer Arizona Highway Department

project numberNRH 98-Dbuilder/contractorPleasant-Hasler Construction Co., Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) 1962 alterations barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 06 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county La Paz 69.05 milepost

location 16.8 mi W of Jct SR 71

city/vicinity Wenden district 88

inventory number

04050 inventory route

US 60 feature intersected Wash

USGS quadrangle Socorro Peak **UTM** reference 12.276090.3749354

STRUCTURAL INFORMATION

main span number 2 appr. span number 0 degree of skew main span length 10.0 21.0 structure length

roadway width 48.3 50.3 structure width

main span type 219

appr. span type

0 guardrail type

concrete box culvert superstructure

substructure floor/decking

concrete abutments, wingwalls and pier

asphalt roadway

none other features

HISTORICAL INFORMATION

construction date 1934 NRH 98-D project number

information source ADOT bridge records

alteration date(s) 1962 designer/engineer

builder/contractor

structure owner

alterations

Arizona Highway Department

Pleasant-Hasler Construction Co., Phoenix AZ Arizona Department of Transportation

barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

inventory score 06

NRHP eligibility non-eligible

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county La Paz 69.30 milepost

location 16.5 mi W of Jct SR 71

city/vicinity Wenden district 88

inventory number

04051 US 60 Wash

inventory route feature intersected

UTM reference

USGS quadrangle Socorro Peak 12.276466.3749497

STRUCTURAL INFORMATION

main span number 4 appr. span number 0 degree of skew main span length 10.0 structure length 43.0

roadway width 48.3 50.3 structure width

main span type 219

appr. span type 0 guardrail type

concrete box culvert superstructure

substructure floor/decking concrete abutments, wingwalls and piers

asphalt roadway none other features

HISTORICAL INFORMATION

construction date 1934 NRH 98-D project number

information source ADOT bridge records

alteration date(s) 1962 designer/engineer builder/contractor

Arizona Highway Department Pleasant-Hasler Construction Co., Phoenix AZ

structure owner

alterations

Arizona Department of Transportation

barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county La Paz inventory number 04052 69.62 milepost inventory route US 60 location 16.2 mi W of Jct SR 71 feature intersected Wash

city/vicinity Wenden **USGS** quadrangle Socorro Peak district 88 **UTM** reference 12.276940.3749692

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

21.0 structure length substructure concrete abutments, wingwalls and pier roadway width 48.3 floor/decking asphalt roadway

50.3 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1934 Arizona Highway Department

NRH 98-D project number builder/contractor Pleasant-Hasler Construction Co., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1962 barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

NRHP eligibility non-eligible inventory score 06

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPER	חו עדכ	CNTICI	\sim Δ TI	ON.

county La Paz inventory number 04053
milepost 70.04 inventory route US 60
location 15.8 mi W Jct SR 71 feature intersected Wash

city/vicinityWendenUSGS quadrangleSocorro Peakdistrict88UTM reference12.277570.3749927

STRUCTURAL INFORMATION

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length43.0substructureconcrete abutments, wingwalls and piersroadway width0.0floor/deckingasphalt roadway

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date 1934 designer/engineer Arizona Highway Department

project numberNRH 98-Dbuilder/contractorPleasant-Hasler Construction Co., Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) 1962 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 08 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county La Paz inventory number 04054 70.26 milepost inventory route US 60 location 15.5 mi W Jct SR 71 feature intersected Wash

city/vicinity Wenden **USGS** quadrangle Socorro Peak district 88 **UTM** reference 12.277907.3750060

STRUCTURAL INFORMATION

main span number 4 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

structure length 43.0 substructure concrete abutments, wingwalls and piers 48.3 asphalt roadway

roadway width floor/decking 50.3 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1934 Arizona Highway Department

NRH 98-D project number builder/contractor Pleasant-Hasler Construction Co., Phoenix AZ structure owner

information source ADOT bridge records Arizona Department of Transportation

alteration date(s) alterations 1962 barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Wash Bridge

PROPERTY IDENTIFICATION

county La Paz inventory number 00703 71.53 milepost inventory route US 60 location 14.3 mi W Jct SR 71 feature intersected Dry Wash city/vicinity Gladden **USGS** quadrangle Webber Canyon district **UTM** reference 12.279844.3750816

STRUCTURAL INFORMATION

main span number 3 main span type 201 appr. span number 0 appr. span type 3 degree of skew guardrail type concrete slab 30.0 superstructure main span length structure length 81.0 substructure concrete abutments, wingwalls and piers roadway width 40.0 floor/decking concrete deck solid concrete guardrails with aluminum tubes 45.2 structure width other features

HISTORICAL INFORMATION

construction date1962designer/engineerArizona Highway Departmentproject numberNF-022-1(61)builder/contractorPeter Kiewit Sons Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1995alterationsscour protection built

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 15

NRHP eligibility non-eligible

NRHP criteria A B C Signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county La Paz inventory number 04055 72.08 milepost inventory route US 60 location 13.7 mi W Jct SR 71 feature intersected Wash city/vicinity Gladden **USGS** quadrangle Gladden

district 88 **UTM** reference 12.280613.3751113

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type

degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

21.0 structure length substructure concrete abutments, wingwalls and pier

0.0 floor/decking roadway width asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1934 Arizona Highway Department

NRH 98-D project number builder/contractor Pleasant-Hasler Construction Co., Phoenix AZ structure owner

information source ADOT bridge records Arizona Department of Transportation

alteration date(s) alterations 1962 barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score 06

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county La Paz inventory number 04056 72.74 milepost inventory route US 60 location 13.1 mi W Jct SR 71 feature intersected Wash city/vicinity Gladden **USGS** quadrangle Gladden

district 88 **UTM reference** 12.281590.3751486

STRUCTURAL INFORMATION

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structure length 21.0 **substructure** concrete abutments, wingwalls and pier

roadway width 55.3 floor/decking asphalt roadway

structure width 57.3 other features none

HISTORICAL INFORMATION

construction date 1934 designer/engineer Arizona Highway Department

project numberNRH 98-Dbuilder/contractorPleasant-Hasler Construction Co., Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

The state of the s

alteration date(s) 1962 alterations barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 06 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county La Paz inventory number 04057 73.29 milepost inventory route US 60 location 12.5 mi W Jct SR 71 feature intersected Wash city/vicinity Gladden **USGS** quadrangle Gladden

district 88 **UTM** reference 12.282452.3751824

STRUCTURAL INFORMATION

main span number 4 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

structure length 43.0 substructure concrete abutments, wingwalls and piers asphalt roadway

floor/decking roadway width 48.3

50.3 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1934 Arizona Highway Department

NRH 98-D project number builder/contractor Pleasant-Hasler Construction Co., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1962 barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county La Paz inventory number 04058 milepost 73.46 inventory route US 60 location 12.3 mi W Jct SR 71 feature intersected Wash city/vicinity Gladden **USGS** quadrangle Gladden

district 88 **UTM** reference 12.282708.3751920

STRUCTURAL INFORMATION

main span number 3 main span type 219 appr. span number 0 appr. span type

degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

structure length 33.0 substructure concrete abutments, wingwalls and piers

floor/decking roadway width 0.0 asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1934 Arizona Highway Department

NRH 98-D project number builder/contractor Pleasant-Hasler Construction Co., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1962 barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible

inventory score 07 NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Maricopa inventory number 04059 milepost 75.14 inventory route US 60 location 10.7 mi W Jct SR 71 feature intersected Wash city/vicinity Gladden **USGS** quadrangle Gladden

district 88 **UTM reference** 12.285250.3752910

STRUCTURAL INFORMATION

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 33.0 substructure concrete abutments, wingwalls and piers

roadway width 48.4 floor/decking asphalt roadway

structure width 50.4 other features none

HISTORICAL INFORMATION

construction date 1934 designer/engineer Arizona Highway Department

project number NRH 98-C builder/contractor Martin Brothers Trucking Co., Long Beach CA

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1961 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 07 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Maricopa inventory number 04060 milepost 75.63 inventory route US 60 10.2 mi W Jct SR 71 location feature intersected Wash city/vicinity Gladden **USGS** quadrangle Gladden

district 88 **UTM** reference 12.285958.3753175

STRUCTURAL INFORMATION

main span number 4 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

structure length 44.0 substructure concrete abutments, wingwalls and piers floor/decking 48.3 asphalt roadway

roadway width

50.3 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1934 Arizona Highway Department

NRH 98-C project number builder/contractor Martin Brothers Trucking Co., Long Beach CA structure owner

information source ADOT bridge records Arizona Department of Transportation

alteration date(s) alterations 1961 barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Maricopa inventory number 04061 milepost 76.67 inventory route US 60 location 9.1 mi W of Jct SR 71 feature intersected Wash city/vicinity Gladden **USGS** quadrangle Gladden

district 88 **UTM reference** 12.287502.3753796

STRUCTURAL INFORMATION

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 23.0 substructure concrete abutments, wingwalls and pier

roadway width 48.3 floor/decking asphalt roadway

structure width 50.3 other features none

HISTORICAL INFORMATION

construction date 1934 designer/engineer Arizona Highway Department

project numberNRH 98-Cbuilder/contractorMartin Brothers Trucking Co., Long Beach CA

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1961 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 06 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

	DEDTV	IDENTIFIC	$M \rightarrow M \rightarrow M$
FNU	FERII	IDENTIFIC	AIIUN

county Maricopa inventory number 04062 76.90 milepost inventory route US 60 location 8.9 mi W of Jct SR 71 feature intersected Wash city/vicinity Gladden **USGS** quadrangle Gladden

district 88 **UTM** reference 12.287910.3753954

STRUCTURAL INFORMATION

main span number 4 main span type 219 appr. span number 0 appr. span type

degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

structure length 44.0 substructure concrete abutments, wingwalls and piers

floor/decking roadway width 0.0 asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1934 Arizona Highway Department

NRH 98-C project number builder/contractor Martin Brothers Trucking Co., Long Beach CA structure owner

information source ADOT bridge records Arizona Department of Transportation

alteration date(s) alterations 1961 barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Maricopa inventory number 04063 milepost 78.64 inventory route US 60 location 7.2 mi W Jct SR 71 feature intersected Wash city/vicinity Gladden **USGS** quadrangle Gladden

district 88 **UTM reference** 12.290532.3754958

STRUCTURAL INFORMATION

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 43.0 substructure concrete abutments, wingwalls and piers

roadway width 48.6 floor/decking asphalt roadway

structure width 50.6 other features none

HISTORICAL INFORMATION

construction date 1934 designer/engineer Arizona Highway Department

project number NRH 98-C builder/contractor Martin Brothers Trucking Co., Long Beach CA

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1961 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 08 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Maricopa inventory number 04064 78.79 milepost inventory route US 60 location 6.0 mi W Jct SR 71 feature intersected Wash city/vicinity Gladden **USGS** quadrangle Gladden

district 88 **UTM** reference 12.290734.3755040

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

21.0 structure length substructure concrete abutments, wingwalls and pier floor/decking roadway width 48.6 asphalt roadway

50.6 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1934 Arizona Highway Department

NRH 98-C project number builder/contractor Martin Brothers Trucking Co., Long Beach CA information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1961 barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score 06

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

	DEDTV	IDENTIFIC	
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county Maricopa inventory number 04065 79.04 milepost inventory route US 60 location 6.8 mi W Jct SR 71 feature intersected Wash city/vicinity Gladden **USGS** quadrangle Gladden

district 88 **UTM reference** 12.291137.3755194

STRUCTURAL INFORMATION

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 22.0 substructure concrete abutments, wingwalls and pier

roadway width 48.6 floor/decking asphalt roadway

structure width 50.6 other features none

HISTORICAL INFORMATION

construction date 1934 designer/engineer Arizona Highway Department

project number NRH 98-C builder/contractor Martin Brothers Trucking Co., Long Beach CA information source ADOT bridge records structure owner Arizona Department of Transportation

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alteration date(s) 1961 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 06 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Maricopa inventory number 04066 80.29 milepost inventory route US 60 location 5.5 mi W of Jct SR 71 feature intersected Wash city/vicinity Aguila **USGS** quadrangle Aguila

district 88 **UTM** reference 12.292930.3755897

STRUCTURAL INFORMATION

main span number 3 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type 10.0 superstructure

concrete box culvert main span length

structure length 23.0 substructure concrete abutments, wingwalls and piers floor/decking roadway width 48.6 asphalt roadway

none

50.6 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1934 Arizona Highway Department

NRH 98-C project number builder/contractor Martin Brothers Trucking Co., Long Beach CA information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1962 barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score 07

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Maricopa inventory number 04067 80.93 milepost inventory route US 60 location 4.9 mi W of Jct SR 71 feature intersected Wash city/vicinity Aguila **USGS** quadrangle Aguila

district 88 **UTM** reference 12.293895.3756266

STRUCTURAL INFORMATION

main span number 4 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

structure length 44.0 substructure concrete abutments, wingwalls and piers

floor/decking roadway width 48.0 asphalt roadway

50.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1934 Arizona Highway Department

NRH 98-C project number builder/contractor Martin Brothers Trucking Co., Long Beach CA structure owner

information source ADOT bridge records Arizona Department of Transportation

alteration date(s) alterations 1962 barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score 06

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

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Clayton B. Fraser, Principal

Culvert

PROPERTY	DENTIFICATION

county Maricopa inventory number 04068 81.50 milepost inventory route US 60 location 4.3 mi W of Jct SR 71 feature intersected Wash city/vicinity Aguila **USGS** quadrangle Aguila

district 88 **UTM reference** 12.294750.3756594

STRUCTURAL INFORMATION

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 44.0 substructure concrete abutments, wingwalls and piers

roadway width 48.0 floor/decking asphalt roadway

structure width 50.0 other features none

HISTORICAL INFORMATION

construction date 1934 designer/engineer Arizona Highway Department

project number NRH 98-C builder/contractor Martin Brothers Trucking Co., Long Beach CA

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1962 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 06 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Maricopa inventory number 04069 82.03 milepost inventory route US 60 location 3.8 mi W of Jct SR 71 feature intersected Wash city/vicinity Aguila **USGS** quadrangle Aguila

district 88 **UTM reference** 12.295578.3756912

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert

structure length 21.0 **substructure** concrete abutments, wingwalls and pier

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

 $\begin{array}{ccc} \text{structure width} & 0.0 & \text{other features} & \text{none} \end{array}$

HISTORICAL INFORMATION

construction date 1934 designer/engineer Arizona Highway Department

project number NRH 98-C builder/contractor Martin Brothers Trucking Co., Long Beach CA information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1962 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 04 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Maricopa inventory number 04070 milepost 82.46 inventory route US 60 location 3.3 mi W of Jct SR 71 feature intersected Wash city/vicinity Aguila **USGS** quadrangle Aguila

district 88 **UTM reference** 12.296250.3757180

STRUCTURAL INFORMATION

main span number 2 main span type 219
appr. span number 0 appr. span type

 $\begin{array}{lll} \text{degree of skew} & 0 & \text{guardrail type} \\ \text{main span length} & 10.0 & \text{superstructure} \end{array}$

main span length10.0superstructureconcrete box culvertstructure length21.0substructureconcrete abutments, wingwalls and pier

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date 1934 designer/engineer Arizona Highway Department

project number NRH 98-C builder/contractor Martin Brothers Trucking Co., Long Beach CA information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1962 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 04 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Maricopa inventory number 04071 milepost 82.65 inventory route US 60 location 3.2 mi W of Jct SR 71 feature intersected Wash city/vicinity Aguila **USGS** quadrangle Aguila

district 88 **UTM** reference 12.296510.3757282

STRUCTURAL INFORMATION

main span number 4 main span type 219 appr. span number 0 appr. span type degree of skew guardrail type concrete box culvert 6.0 superstructure main span length 26.0 structure length substructure concrete abutments, wingwalls and piers

other features

floor/decking roadway width 0.0 asphalt roadway

HISTORICAL INFORMATION

structure width

0.0

construction date designer/engineer 1934 Arizona Highway Department

NRH 98-C project number builder/contractor Martin Brothers Trucking Co., Long Beach CA information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1962 barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible

inventory score 06 NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

none

FORM COMPLETED BY

Clayton B. Fraser, Principal

Wash Bridge

PROPERTY IDENTIFICATION

county Maricopa inventory number 00704 milepost 83.43 inventory route US 60 location 2.4 mi W Jct SR 71 feature intersected Wash city/vicinity Aguila **USGS** quadrangle Aguila

district 88 **UTM reference** 12.297717.3757647

STRUCTURAL INFORMATION

 $\begin{tabular}{lll} \textbf{main span length} & 30.0 & \textbf{superstructure} & concrete slab \\ \end{tabular}$

structure length 232.0 substructure concrete abutments, wingwalls and piers roadway width 40.0 floor/decking concrete deck

structure width 44.8 other features steel baluster guardrails

HISTORICAL INFORMATION

alteration date(s)

construction date 1962 designer/engineer Arizona Highway Department

project numberNF-022-1(61)builder/contractorTiffany Construction Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

alterations

inventory score 25 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Maricopa inventory number 04072 milepost 86.86 inventory route US 60 location 1.6 mi E Jct SR 71 feature intersected Wash city/vicinity Aguila **USGS** quadrangle Aguila

district 88 **UTM** reference 12.303216.3757867

STRUCTURAL INFORMATION

main span number 8 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete box culvert main span length 10.0 superstructure

structure length 87.0 substructure concrete abutments, wingwalls and piers

39.1 roadway width floor/decking asphalt roadway

steel Thrie beam guardrails structure width 41.6 other features

HISTORICAL INFORMATION

project number

construction date designer/engineer 1955 Arizona Highway Department FI-98(21)

information source ADOT bridge records structure owner Arizona Department of Transportation

builder/contractor

alteration date(s) alterations ca1990 Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

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Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Maricopa inventory number 04073 88.83 milepost inventory route US 60 location 3.0 mi East of Jct SR 71 feature intersected Wash

city/vicinity Aguila **USGS** quadrangle Forepaugh Peak district 88 **UTM** reference 12.306385.3757796

STRUCTURAL INFORMATION

main span number 8 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete box culvert main span length 10.0 superstructure structure length 87.0 substructure concrete abutments, wingwalls and piers

39.1 roadway width floor/decking asphalt roadway steel Thrie beam guardrails 41.5

HISTORICAL INFORMATION

structure width

project number

construction date designer/engineer 1955 Arizona Highway Department FI-98(21)

information source ADOT bridge records structure owner Arizona Department of Transportation

builder/contractor

other features

alteration date(s) alterations ca1990 Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

city/vicinityForepaughUSGS quadrangleForepaugh Peakdistrict88UTM reference12.311558.3757697

STRUCTURAL INFORMATION

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 21.0 substructure concrete abutments, wingwalls and pier roadway width 40.7 floor/decking asphalt roadway

structure width 43.2 other features none

HISTORICAL INFORMATION

construction date1931designer/engineerArizona Highway Departmentproject numberFAP 98-Abuilder/contractorSkousen Brothers, Albuquerque NMinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1955ca1990alterationsbarrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 10 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

city/vicinityForepaughUSGS quadrangleForepaugh Peakdistrict88UTM reference12.312794.3757662

STRUCTURAL INFORMATION

main span number4main span type219appr. span number0appr. span typedegree of skew0guardrail type0main span length10.0superstructureconcrete box culvertstructure length43.0substructureconcrete abutments, with the concrete abutments about the concrete abutments are concrete abutments.

structure length 43.0 substructure concrete abutments, wingwalls and piers

roadway width 39.8 floor/decking asphalt roadway

structure width 42.3 other features steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date1931designer/engineerArizona Highway Departmentproject numberFAP 98-Abuilder/contractorSkousen Brothers, Albuquerque NMinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1955ca1990alterationsbarrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 12 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

city/vicinityForepaughUSGS quadrangleForepaugh Peakdistrict88UTM reference12.313496.3757648

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert structure length 43.0 substructure concrete abutments, wingwalls and piers

roadway width 40.3 floor/decking asphalt roadway

structure width 42.8 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

 construction date
 1931
 designer/engineer
 Arizona Highway Department

 project number
 FAP 98-A
 builder/contractor
 Skousen Brothers, Albuquerque NM

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

 alteration date(s)
 1955
 ca1990
 alterations
 barrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 12 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

city/vicinityForepaughUSGS quadrangleForepaugh Peakdistrict88UTM reference12.314392.3757642

STRUCTURAL INFORMATION

structure length 64.0 substructure concrete abutments, wingwalls and piers

roadway width 39.4 floor/decking asphalt roadway

structure width 41.3 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date1931designer/engineerArizona Highway Departmentproject numberFAP 98-Abuilder/contractorSkousen Brothers, Albuquerque NMinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1955ca1990alterationsbarrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 14 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

city/vicinityForepaughUSGS quadrangleForepaugh Peakdistrict88UTM reference12.314694.3757636

STRUCTURAL INFORMATION

structure length 32.0 substructure concrete abutments, wingwalls and piers

roadway width 39.2 floor/decking asphalt roadway

structure width 41.7 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date1955designer/engineerArizona Highway Departmentproject numberFI-98(21)builder/contractor

project number FI-98(21) builder/contractor information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) ca1990 **alterations** Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Maricopa inventory number 04079 94.49 milepost inventory route US 60 location 8.7 mi E Jct SR 71 feature intersected Wash city/vicinity Forepaugh **USGS** quadrangle Outlaw Hill

district 88 **UTM reference** 12.315860.3757615

STRUCTURAL INFORMATION

structure length 21.0 substructure concrete abutments, wingwalls and pier

roadway width 39.6 floor/decking asphalt roadway

structure width 42.1 other features none

HISTORICAL INFORMATION

 construction date
 1931
 designer/engineer
 Arizona Highway Department

 project number
 FAP 98-A
 builder/contractor
 Skousen Brothers, Albuquerque NM

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) 1955 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 10 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

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PROPERTY	IDENTIFICATION	

county Maricopa inventory number 04080 95.50 milepost inventory route US 60 location 9.7 mi E Jct SR 71 feature intersected Wash city/vicinity Forepaugh **USGS** quadrangle Outlaw Hill

district 88 **UTM reference** 12.317166.3757590

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete box culvert main span length 10.0 superstructure 21.0 structure length substructure concrete abutments, wingwalls and pier

roadway width 39.4 floor/decking asphalt roadway

structure width 41.9 other features none

HISTORICAL INFORMATION

 construction date
 1931
 designer/engineer
 Arizona Highway Department

 project number
 FAP 98-A
 builder/contractor
 Skousen Brothers, Albuquerque NM

 information source
 ADO'T bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) 1955 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 08 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Maricopa inventory number 04081 milepost 96.67 inventory route US 60 location 13.7 mi West Jct US 93 feature intersected Wash city/vicinity Forepaugh **USGS** quadrangle Outlaw Hill

district 88 **UTM reference** 12.318995.3757555

STRUCTURAL INFORMATION

structure length 21.0 **substructure** concrete abutments, wingwalls and pier

roadway width 39.9 floor/decking asphalt roadway

structure width 42.4 other features none

HISTORICAL INFORMATION

 construction date
 1931
 designer/engineer
 Arizona Highway Department

 project number
 FAP 98-A
 builder/contractor
 Skousen Brothers, Albuquerque NM

 information source
 ADO'T bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) 1955 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 08 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Maricopa inventory number 04082 97.39 milepost inventory route US 60 location 13.7 mi West Jct US 93 feature intersected Wash city/vicinity Forepaugh **USGS** quadrangle Outlaw Hill

district 88 **UTM reference** 12.320174.3757522

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete box culvert main span length 10.0 superstructure 21.0 structure length substructure concrete abutments, wingwalls and pier floor/decking roadway width 39.8 asphalt roadway

structure width 42.3 other features none

HISTORICAL INFORMATION

construction date1931designer/engineerArizona Highway Departmentproject numberFAP 98-Abuilder/contractorSkousen Brothers, Albuquerque NMinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1955alterationsbarrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 08 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

	DEDTV	IDENTIFIC	
FNU	FERII	IDENTIFIC	AIIUI

county Maricopa inventory number 04083 97.60 milepost inventory route US 60 location 12.3 mi West Jct US 93 feature intersected Wash city/vicinity Wickenburg **USGS** quadrangle Outlaw Hill

district 88 **UTM** reference 12.320505.3757520

STRUCTURAL INFORMATION

structure length 43.0 substructure concrete abutments, wingwalls and piers

roadway width 39.9 floor/decking asphalt roadway

structure width 42.4 other features none

HISTORICAL INFORMATION

construction date 1931 designer/engineer Arizona Highway Department
project number FAP 98-A builder/contractor Skousen Brothers, Albuquerque NM
information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1955 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 10 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

	DEDTV	IDENTIFIC	
FNU	FERII	IDENTIFIC	AIIUI

county Maricopa inventory number 04084 99.34 milepost inventory route US 60 location 11.0 mi West Jct US 93 feature intersected Wash city/vicinity Wickenburg **USGS** quadrangle Outlaw Hill

district 88 **UTM reference** 12.322945.3757448

STRUCTURAL INFORMATION

structure length 64.0 substructure concrete abutments, wingwalls and piers

roadway width 36.9 floor/decking asphalt roadway

structure width 39.4 other features none

HISTORICAL INFORMATION

 construction date
 1931
 designer/engineer
 Arizona Highway Department

 project number
 FAP 98-A
 builder/contractor
 Skousen Brothers, Albuquerque NM

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) 1952 alterations barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 12 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Maricopa inventory number 04085 99.57 milepost inventory route US 60 location 10.1 mi West of Jct US 93 feature intersected Wash city/vicinity Wickenburg **USGS** quadrangle Outlaw Hill

district 88 **UTM reference** 12.323334.3757414

STRUCTURAL INFORMATION

main span number 5 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete box culvert main span length 10.0 superstructure structure length 53.0 substructure concrete abutments, wingwalls and piers

roadway width 37.0 floor/decking asphalt roadway structure width 39.0 other features none

HISTORICAL INFORMATION

construction date1931designer/engineerArizona Highway Departmentproject numberFAP 98-Abuilder/contractorSkousen Brothers, Albuquerque NMinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1952alterationsbarrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 11 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Maricopa inventory number 04086 102.28 milepost inventory route US 60 location 8.1 mi W Jct US 93 feature intersected Wash city/vicinity Wickenburg **USGS** quadrangle Vulture Peak district

STRUCTURAL INFORMATION

main span number 3 main span type 219 appr. span number 0 appr. span type degree of skew guardrail type concrete box culvert main span length 10.0 superstructure structure length 32.0 substructure concrete abutments, wingwalls and piers floor/decking roadway width 0.0 asphalt roadway

other features

UTM reference

12.327920.3758288

none

HISTORICAL INFORMATION

structure width

0.0

construction date designer/engineer 1952 Arizona Highway Department F-98(18) project number builder/contractor Wallace & Wallace, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form** inventory score 13 NRHP eligibility non-eligible NRHP criteria В C signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Hartman Wash Culvert

PROPERTY IDENTIFICATION

county Maricopa inventory number 04087 104.40 milepost inventory route US 60

location 5.9 mi W Jct US 93 feature intersected Hartman Wash city/vicinity Wickenburg **USGS** quadrangle Vulture Peak district **UTM** reference 12.330490.3759210

STRUCTURAL INFORMATION

main span number 4 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete box culvert main span length 12.0 superstructure

structure length 59.0 substructure concrete abutments, wingwalls and piers

floor/decking roadway width 34.1 asphalt roadway

36.6 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1952 Arizona Highway Department F-98(18) project number builder/contractor Wallace & Wallace, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

inventory score NRHP eligibility non-eligible

NRHP criteria В C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Wash Bridge

PROPERTY IDENTIFICATION

county Maricopa inventory number 00396 107.05 milepost inventory route US 60 location 3.3 mi W Jct US 93 feature intersected Wash city/vicinity Wickenburg **USGS** quadrangle Vulture Peak

STRUCTURAL INFORMATION

district

main span number 2 main span type 201 appr. span number 0 appr. span type degree of skew guardrail type concrete slab 37.0 superstructure main span length structure length 75.0 substructure concrete abutments, wingwalls and pier roadway width 34.0 floor/decking concrete deck solid concrete guardrails with recessed panels 38.9 structure width other features

UTM reference

HISTORICAL INFORMATION

construction date1932designer/engineerArizona Highway Departmentproject numberFAP 98-Abuilder/contractorSkousen Brothers, Albuquerque NMinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)19541998alterationsdeck widened; scour protection built

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ___

signif. statement typical, relatively late example of common structural type;

12.335260.3759398

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Washington Street Underpass

PROPERTY IDENTIFICATION

county Maricopa inventory number 00535

milepost 110.24 inventory route Washington Street

 location
 0.09 mi W Jct US 93
 feature intersected
 US 60

 city/vicinity
 Wickenburg
 USGS quadrangle
 Wickenburg

district 88 **UTM reference** 12.339983.3759853

STRUCTURAL INFORMATION

main span number 2 main span type 207

appr. span number $\ 0$ appr. span type degree of skew $\ 0$ guardrail type $\ 4$

main span length 30.0 superstructure concrete rigid frame

structure length58.0substructureconcrete abutments, wingwalls and pierroadway width23.8floor/deckingconcrete deck with asphalt overlay

structure width 35.2 **other features** solid concrete guardrails with recessed panels

HISTORICAL INFORMATION

construction date1937designer/engineerHoffman-Miller Engineers, Phoenix AZproject numberWPGM 98-Ibuilder/contractorPhoenix-Tempe Stone Co., Phoenix AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 61 NRHP eligibility eligible

NRHP criteria A x B C x

signif. statement uncommon structural type, altered, on major highway route

FORM COMPLETED BY

Clayton B. Fraser, Principal

Wickenburg Underpass

PROPERTY IDENTIFICATION

county Maricopa inventory number 00195

milepost 110.25 inventory route AT&SF Railroad

STRUCTURAL INFORMATION

 $\begin{array}{ccc} \text{main span number} & 2 & & \text{main span type} & & 207 \end{array}$

appr. span number $\ 0$ appr. span type degree of skew $\ 0$ guardrail type $\ 4$

main span length 30.0 superstructure concrete rigid frame

structure length62.0substructureconcrete abutments, wingwalls and pierroadway width34.0floor/deckingconcrete deck with asphalt overlay

structure width 36.2 **other features** solid concrete guardrails with recessed panels

HISTORICAL INFORMATION

construction date 1937 designer/engineer Arizona Highway Department

project number WPGM 98-I builder/contractor Phoenix-Tempe Stone Co., Phoenix AZ information source ADOT bridge records structure owner Atchison, Topeka & Santa Fe Railroad

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 61 NRHP eligibility eligible

NRHP criteria A x B C x

signif. statement uncommon structural type, altered, on major highway route

FORM COMPLETED BY

Clayton B. Fraser, Principal

Frontier Street Underpass

PROPERTY	IDENTIFICATION	

county Maricopa inventory number 01000

milepost 110.26 inventory route Frontier Street location 0.1 mi W Jct US 93 feature intersected US 60

city/vicinity Wickenburg USGS quadrangle Wickenburg

district 88 **UTM** reference 12.340088.3759970

STRUCTURAL INFORMATION

 $\begin{array}{ccc} \text{main span number} & 2 & & \text{main span type} & & 207 \end{array}$

appr. span number $\ 0$ appr. span type degree of skew $\ 0$ guardrail type $\ 4$

main span length 33.0 superstructure concrete rigid frame

structure length62.0substructureconcrete abutments, wingwalls and pierroadway width24.0floor/deckingconcrete deck with asphalt overlay

structure width 31.1 **other features** solid concrete guardrails with recessed panels

HISTORICAL INFORMATION

construction date 1937 designer/engineer Arizona Highway Department

project numberWPGM 98-Ibuilder/contractorPhoenix-Tempe Stone Co., Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 61 NRHP eligibility eligible

NRHP criteria A x B C x

signif. statement uncommon structural type, altered, on major highway route

FORM COMPLETED BY

Clayton B. Fraser, Principal

Wickenburg Bridge

	IDENITIEIO ATION	
PRUPERIT	IDENTIFICATION	

county Maricopa inventory number 00161 110.53 milepost inventory route US 60 WB location 0.20 mi E Jct US 93 feature intersected Hassayampa River city/vicinity Wickenburg **USGS** quadrangle Wickenburg district **UTM** reference 12.340504.3760256

STRUCTURAL INFORMATION

main span number 6 main span type 303 appr. span number 0 appr. span type 6 degree of skew guardrail type 80.0 superstructure steel plate deck girder main span length structure length 481.0 substructure concrete abutments, wingwalls and piers roadway width 23.9 floor/decking concrete deck with asphalt overlay steel angle built-up flanges and web stiffeners; 31.7 structure width other features steel channel guardrails with slotted concrete guardrails at approaches

HISTORICAL INFORMATION

construction date1936designer/engineerArizona Highway Departmentproject numberNRM 31builder/contractorF.D. Shufflebarger, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 55 NRHP eligibility eligible

NRHP criteria A x B C x

 $\textbf{signif. statement} \hspace{0.2cm} \textbf{well-preserved example of long-span structural type; major} \\$

crossing on major route

FORM COMPLETED BY

Clayton B. Fraser, Principal

Wickenburg Bridge

DDODEDTV	IDENTIFICATION
PROPERTY	IDENTIFICATION

county Maricopa inventory number 00737 110.53 milepost inventory route US 60 EB location 0.20 mi E Jct US 93 feature intersected Hassayampa River city/vicinity Wickenburg **USGS** quadrangle Wickenburg district **UTM** reference 12.340482.3760262

STRUCTURAL INFORMATION

main span number 6 main span type 403 appr. span number 0 appr. span type degree of skew guardrail type 6 80.0 superstructure steel plate deck girder main span length structure length 483.0 substructure concrete abutments, wingwalls and piers roadway width 30.0 floor/decking concrete deck with asphalt overlay steel angle built-up flanges and web stiffeners; 36.5 structure width other features steel channel guardrails with slotted concrete guardrails at approaches

HISTORICAL INFORMATION

construction date designer/engineer 1962 Hoffman-Miller Engineers, Phoenix AZ NF-022-2(61) project number builder/contractor Peter Kiewit Sons Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form** NRHP eligibility non-eligible **NRHP** criteria

C signif. statement well-preserved, but relatively late example of long-span structural type

FORM COMPLETED BY

inventory score 43

Clayton B. Fraser, Principal **FRASERdesign**

420 South County Road 23E Loveland, Colorado 80537 May 2009

Calamity Bridge

PROPERTY IDENTIFICATION

countyMaricopainventory number00516milepost111.55inventory routeUS 60

 location
 1.2 mi East of Jct US 93
 feature intersected
 Calamity Wash

 city/vicinity
 Wickenburg
 USGS quadrangle
 Wickenburg

 district
 88
 UTM reference
 12.341420.3759380

STRUCTURAL INFORMATION

main span length 35.0 superstructure concrete slab
structure length 130.0 substructure concrete abutments with steel pile columns

roadway width 58.0 floor/decking concrete deck

structure width 61.8 other features concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date 1958 designer/engineer Arizona Highway Department

project numberF-022-2(1)builder/contractorW.J. Henson Contracting Co., Prescott AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1994alterationsguardrails replaced with Jersey barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 13 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Maricopa inventory number 04088 milepost 112.44 inventory route US 60 location 2.1 mi E Jct US 93 feature intersected Wash city/vicinity Wickenburg **USGS** quadrangle Wickenburg

district 88 **UTM reference** 12.342135.3758150

STRUCTURAL INFORMATION

 main span number
 3
 main span type
 219

 appr. span number
 0
 appr. span type
 ...

 degree of skew
 0
 guardrail type
 concrete box culvert

 main span length
 10.0
 superstructure
 concrete abutments, wingwalls and piers

 structure length
 32.0
 substructure
 concrete abutments, wingwalls and piers

roadway width0.0floor/deckingasphalt roadwaystructure width0.0other featuressteel Thrie beam guardrails

HISTORICAL INFORMATION

construction date1937designer/engineerArizona Highway Departmentproject numberFAP 59 (2nd Reo.)builder/contractorTanner Construction Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) 1958 ca1990 **alterations** barrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 11 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Wash Bridge

PROPERTY IDENTIFICATION

county Maricopa inventory number 00177 milepost 113.07 inventory route US 60; WB location 7.0 mi W Jct SR 74 feature intersected Wash city/vicinity Wickenburg **USGS** quadrangle Wickenburg district **UTM** reference 12.342712.3757360

STRUCTURAL INFORMATION

main span number 2 main span type 201 appr. span number 0 appr. span type 6 degree of skew guardrail type concrete slab 20.0 superstructure main span length structure length 44.0 substructure concrete abutments, wingwalls and piers roadway width 40.8 floor/decking concrete deck with asphalt overlay steel Thrie beam guardrails 42.3 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1929 Arizona Highway Department FAP 59 (1st Reo.) project number builder/contractor George H. Oswald, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1994 alterations 1938 1964 deck widened and guardrails replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form** NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Maricopa inventory number 04089 113.07 milepost inventory route US 60; EB location 2.7 mi E Jct US 93 feature intersected Wash city/vicinity Wickenburg **USGS** quadrangle Wickenburg district **UTM** reference 12.342690.3757344

STRUCTURAL INFORMATION

main span number 4 main span type 219 appr. span number 0 appr. span type degree of skew guardrail type concrete box culvert 10.0 superstructure main span length structure length 43.0 substructure concrete abutments, wingwalls and piers roadway width 0.0 floor/decking asphalt roadway steel Thrie beam guardrails 0.0 structure width other features

HISTORICAL INFORMATION

 construction date
 1963
 designer/engineer
 Arizona Highway Department

 project number
 F-022-2(7)
 builder/contractor

 information source
 ADO'T bridge records
 structure owner
 Arizona Department of Transportation

 alteration date(s)
 ca1990
 alterations
 Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

inventory score 02

NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537 May 2009

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

Culvert

PROPERTY IDENTIFICATION

 county
 Maricopa
 inventory number
 04090

 milepost
 114.24
 inventory route
 US 60; EB

 location
 3.9 mi E Jct US 93
 feature intersected
 Wash

 city/vicinity
 Wickenburg
 USGS quadrangle
 Wickenburg

city/vicinityWickenburgUSGS quadrangleWickenburgdistrict88UTM reference12.343835.3755852

STRUCTURAL INFORMATION

 $\begin{array}{lll} \text{main span number} & 3 & \text{main span type} & 219 \\ \text{appr. span number} & 0 & \text{appr. span type} & \end{array}$

degree of skew 0 guardrail type

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 32.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

 $\begin{array}{ccc} \textbf{structure width} & 0.0 & \textbf{other features} & \text{steel Thrie beam guardrails} \\ \end{array}$

HISTORICAL INFORMATION

construction date 1963 designer/engineer Arizona Highway Department

project number F-022-2(7) builder/contractor information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) ca1990 **alterations** Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 01 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

 county
 Maricopa
 inventory number
 04091

 milepost
 114.24
 inventory route
 US 60; WB

 location
 3.9 mi E Jct US 93
 feature intersected
 Wash

 city/vicinity
 Wickenburg
 USGS quadrangle
 Wickenburg

city/vicinityWickenburgUSGS quadrangleWickenburgdistrict88UTM reference12.343878.3755840

STRUCTURAL INFORMATION

 $\begin{array}{lll} \text{main span number} & 3 & \text{main span type} & 219 \\ \text{appr. span number} & 0 & \text{appr. span type} \end{array}$

degree of skew 0 guardrail type

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length32.0substructureconcrete abutments, wingwalls and piersroadway width0.0floor/deckingasphalt roadway

structure width 0.0 other features steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1938 designer/engineer Arizona Highway Department

 project number
 FAP 59 (3)
 builder/contractor
 Tanner Construction Company, Phoenix AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) 1963 alterations barrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 11 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

DDODEDTY	IDENTIFICATION
PRUPERIT	IDENTIFICATION

county Maricopa inventory number 04092 115.02 milepost inventory route US 60 location 4.7 mi E Jct US 93 feature intersected Wash city/vicinity Wickenburg **USGS** quadrangle Wickenburg

district 88 **UTM reference** 12.344597.3754815

STRUCTURAL INFORMATION

 main span number
 3
 main span type
 219

 appr. span number
 0
 appr. span type

 degree of skew
 0
 guardrail type

 main span length
 10.0
 superstructure
 concrete box culvert

 structure length
 32.0
 substructure
 concrete abutments, wingwalls and piers

 $\begin{tabular}{lll} \begin{tabular}{lll} \begin{$

 $\begin{array}{ccc} \textbf{structure width} & 0.0 & \textbf{other features} & none \end{array}$

HISTORICAL INFORMATION

construction date 1938 designer/engineer Arizona Highway Department

project numberFAP 59 (3rd Reo.)builder/contractorTanner Construction Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) 1963 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 11 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Monarch Wash Bridge

county Maricopa inventory number 00204 115.50 milepost inventory route US 60; WB location 4.6 mi W Jct SR 74 feature intersected Monarch Wash city/vicinity Wickenburg **USGS** quadrangle Wickenburg district **UTM** reference 12.345010.3754264

STRUCTURAL INFORMATION

main span number 6 main span type 101

appr. span number 0 appr. span type
degree of skew 0 guardrail type 9

main span length 22.0 superstructure concrete slab

structure length 134.0 substructure concrete abutments with steel pile columns roadway width 34.3 floor/decking concrete deck with asphalt overlay

structure width 37.1 other features concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date1929designer/engineerArizona Highway Departmentproject numberFAP 59 (1st Reo.)builder/contractorGeorge H. Oswald, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)19381992alterationsdeck widened and guardrails replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 34 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Monarch Wash Bridge

PROPERTY	IDENTIFICATION
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county Maricopa inventory number 00759 115.50 milepost inventory route US 60; EB location 4.6 mi W Jct SR 74 feature intersected Monarch Wash city/vicinity Wickenburg **USGS** quadrangle Wickenburg district **UTM** reference 12.344984.3754278

STRUCTURAL INFORMATION

main span number 6 main span type 201 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete slab 20.0 superstructure main span length structure length 144.0 substructure concrete abutments with steel pile columns roadway width 38.4 floor/decking concrete deck with asphalt overlay concrete Jersey barrier guardrails with Thrie beams structure width 41.6 other features at approaches

HISTORICAL INFORMATION

 construction date
 1963
 designer/engineer
 Arizona Highway Department

 project number
 F-022-2(7)
 builder/contractor

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

 alteration date(s)
 1980
 1992
 alterations
 timber retard built; guardrails replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 06

NRHP eligibility non-eligible

NRHP criteria A ______ B ____ C ____

signif. statement typical, relatively late example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Maricopa inventory number 04093 milepost 116.13 inventory route US 60 location 5.8 mi E Jct US 93 feature intersected Wash city/vicinity Morristown **USGS** quadrangle Wickenburg district **UTM** reference 12.345243.3753245

STRUCTURAL INFORMATION

main span number 3 main span type 219 appr. span number 0 appr. span type degree of skew guardrail type concrete box culvert main span length 10.0 superstructure structure length 32.0 substructure concrete abutments, wingwalls and piers floor/decking roadway width 0.0 asphalt roadway 0.0 none structure width other features

HISTORICAL INFORMATION

construction date1938designer/engineerArizona Highway Departmentproject numberFAP 59 (3rd Reo.)builder/contractorTanner Construction Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1965alterationsbarrels extended

NATIONAL REGISTER EVALUATION

inventory score 11

NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537 May 2009

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

Culvert

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FNU	FERII	IDENTIFIC	AIIUI

county Maricopa inventory number 04094 116.90 milepost inventory route US 60 location 6.6 mi E Jct US 93 feature intersected Wash city/vicinity Morristown **USGS** quadrangle Wickenburg district **UTM** reference 12.345755.3752110

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type

degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

21.0 structure length substructure concrete abutments, wingwalls and pier 0.0 floor/decking roadway width asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1938 Arizona Highway Department

FAP 59 (3rd Reo.) project number builder/contractor Tanner Construction Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1965 barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Morristown Overpass

PROPERTY IDENTIFICATION

county Maricopa inventory number 00271 121.91 milepost inventory route US 60; EB location 1.8 mi E Jct SR 74 feature intersected AT&SF Railroad city/vicinity Morristown **USGS** quadrangle Wittmann

district 88 **UTM reference** 12.350714.3746095

STRUCTURAL INFORMATION

main span length45.0superstructureconcrete deck girderstructure length138.0substructureconcrete abutments, wingwalls and piers

roadway width 34.4 floor/decking concrete deck with asphalt overlay structure width 39.0 other features concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date 1942 designer/engineer Arizona Highway Department

project number FAP 84-D(2) builder/contractor Martin Construction Company, Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) ca1995 alterations guardrails replaced with Jersey barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 16 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Wash Bridge

PROPERTY IDENTIFICATION

county Maricopa inventory number 00259 123.10 milepost inventory route US 60; EB location 3.8 mi East of Jct SR 74 feature intersected Wash city/vicinity Morristown **USGS** quadrangle Wittmann

district **UTM** reference 12.352265.3744457

STRUCTURAL INFORMATION

main span number 3 main span type 104 appr. span number 0 appr. span type 9 degree of skew guardrail type 32.0 superstructure concrete deck girder main span length structure length 96.0 substructure concrete abutments, wingwalls and piers roadway width 34.3 floor/decking concrete deck with asphalt overlay concrete Jersey barrier guardrails with Thrie beams 35.8 structure width other features

at approaches

HISTORICAL INFORMATION

construction date designer/engineer 1934 Arizona Highway Department NRH 76 project number builder/contractor W.E. Hall Construction Company, Alhambra CA structure owner information source ADOT bridge records Arizona Department of Transportation alteration date(s) 1998 alterations 1941 1989 deck widened; guardrails replaced; scour

protection built

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 15 NRHP eligibility non-eligible

> NRHP criteria C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Trilby Wash Bridge

PROPERTY IDENTIFICATION

county Maricopa inventory number 00255 milepost 125.20 inventory route US 60 location 5.1 mi E Jct SR 74 feature intersected Trilby Wash city/vicinity Wittman **USGS** quadrangle Wittmann

district **UTM** reference 12.354377.3742518

STRUCTURAL INFORMATION

main span number 7 main span type 201 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete slab 25.0 superstructure main span length

174.0 structure length substructure concrete abutments, wingwalls and piers

roadway width 44.0 floor/decking concrete deck with asphalt overlay

concrete Jersey barrier guardrails with Thrie beams 48.0 structure width other features

at approaches

HISTORICAL INFORMATION

construction date designer/engineer 1941 Arizona Highway Department FAP 76-3(3) project number builder/contractor Olaf Nelson Construction Company information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations 1980 deck widened; guardrails replaced; scour

protection built

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score non-eligible

NRHP eligibility **NRHP** criteria C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Maricopa inventory number 04097 126.95 milepost inventory route US 60 location 6.8 mi East of Jct SR 74 feature intersected Wash city/vicinity Wittman **USGS** quadrangle Wittmann

district 88 **UTM** reference 12.356440.3740537

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete box culvert main span length 10.0 superstructure

21.0 structure length substructure concrete abutments, wingwalls and pier

floor/decking roadway width 83.6 asphalt roadway

85.5 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1934 Arizona Highway Department

NRH 76 project number builder/contractor W.E. Hall Construction Company, Alhambra CA

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1941 1979 barrels extended, twice

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible

inventory score 04 NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Maricopa inventory number 04098 127.49 milepost inventory route US 60 location 7.4 mi East of Jct SR 74 feature intersected Wash city/vicinity Wittman **USGS** quadrangle Wittmann

district 88 **UTM reference** 12.357054.3739943

STRUCTURAL INFORMATION

structure length 86.0 **substructure** concrete abutments, wingwalls and piers

roadway width 83.3 floor/decking asphalt roadway

structure width 85.3 other features steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1934 designer/engineer Arizona Highway Department

project number NRH 76 builder/contractor W.E. Hall Construction Company, Alhambra CA

information sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)19411979ca1995alterationsbarrels extended, twice; Thrie beam guardrails

installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 10 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

Culvert

PROPERTY IDENTIFICATION

county Maricopa inventory number 04099 127.86 milepost inventory route US 60 location 7.6 mi E Jct SR 74 feature intersected Wash city/vicinity Wittman **USGS** quadrangle Wittmann

district 88 **UTM reference** 12.357492.3739514

STRUCTURAL INFORMATION

 main span number
 6
 main span type
 219

 appr. span number
 0
 appr. span type

 degree of skew
 30
 guardrail type
 0

 main span length
 10.0
 superstructure
 concrete box culvert

structure length 74.0 **substructure** concrete abutments, wingwalls and piers

roadway width 83.5 floor/decking asphalt roadway

structure width 85.5 other features none

HISTORICAL INFORMATION

construction date 1934 designer/engineer Arizona Highway Department

project number NRH 76 builder/contractor W.E. Hall Construction Company, Alhambra CA

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1941 1979 alterations barrels extended, twice

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 08 NRHP eligibility non-eligible NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537 May 2009

lay 2009

Wittman Wash Bridge

countyMaricopainventory number00272milepost128.98inventory routeUS 60

location 8.9 mi E Jct SR 74 feature intersected Wittman Wash city/vicinity Wittman USGS quadrangle Wittmann

district 88 **UTM reference** 12.358780.3738287

STRUCTURAL INFORMATION

main span length 36.0 superstructure concrete deck girder

structure length 108.0 substructure concrete abutments, wingwalls and piers

roadway width 44.4 floor/decking concrete deck

structure width 47.6 **other features** concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date1934designer/engineerArizona Highway Departmentproject numberNRH 76builder/contractorW.E. Hall Construction Comp

project number NRH 76 builder/contractor W.E. Hall Construction Company, Alhambra CA information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1941 1983 alterations one span added; deck widened, twice; guardrails

replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 15 NRHP eligibility non-eligible

NRHP criteria A ____ B ___ C ___

signif. statement typical, relatively late example of common structural type,

altered

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Clayton B. Fraser, Principal

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May 2009

Culvert

PROPERTY IDENTIFICATION

city/vicinityBeardsleyUSGS quadrangleMcMicken Damdistrict88UTM reference12.367868.3729568

STRUCTURAL INFORMATION

 main span number
 3
 main span type
 219

 appr. span number
 0
 appr. span type
 ...

 degree of skew
 0
 guardrail type
 concrete box culvert

 main span length
 10.0
 superstructure
 concrete abutments, wingwalls and piers

 structure length
 32.0
 substructure
 concrete abutments, wingwalls and piers

roadway width85.0floor/deckingasphalt roadwaystructure width87.0other featuresnone

HISTORICAL INFORMATION

construction date1942designer/engineerArizona Highway Departmentproject numberFAP 84-A(3)builder/contractorPhoenix-Tempe Stone Co., Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1994alterationsbarrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Beardsley Channel Bridge

PROPERTY IDENTIFICATION

county Maricopa inventory number 00472 138.09 milepost inventory route US 60

location 19.0 mi East of Jct SR 74 feature intersected Beardsley Flood Channel

city/vicinity Beardsley **USGS** quadrangle McMicken Dam district **UTM** reference 12.369368.3728113

STRUCTURAL INFORMATION

main span number 4 main span type 201 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete slab 30.0 superstructure main span length

structure length 112.0 substructure concrete abutments and steel pile piers

roadway width 41.8 floor/decking concrete deck with asphalt overlay

concrete Jersey barrier guardrails with Thrie beams 45.0 structure width other features

at approaches

HISTORICAL INFORMATION

construction date designer/engineer 1956 Arizona Highway Department NFA 84-A project number builder/contractor Russell F. Long Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation alterations guardrails replaced with Jersey barriers

alteration date(s)

1988

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

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Clayton B. Fraser, Principal

New River Bridge

PROPERTY IDENTIFICATION

county Maricopa inventory number 00895 milepost 148.80 inventory route US 60; EB location 11.9 mi W Jct I 17 feature intersected New River city/vicinity Peoria **USGS** quadrangle El Mirage

district 78 **UTM** reference 12.382815.3717943

STRUCTURAL INFORMATION

main span number 6 main span type 502 appr. span number 0 appr. span type degree of skew guardrail type prestressed concrete deck girder 60.0 superstructure main span length structure length 360.0 substructure concrete abutments, wingwalls and piers roadway width 30.0 floor/decking concrete deck with asphalt overlay

concrete Jersey barrier guardrails with Thrie beams 39.0 structure width other features

at approaches

HISTORICAL INFORMATION

construction date designer/engineer 1963 Arizona Highway Department F-022-2(9) project number builder/contractor

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1980 alterations 1990 scour protection built; guardrails replaced with

Jersey barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 11 NRHP eligibility non-eligible

> **NRHP** criteria C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

New River Bridge

PROPERTY IDENTIFICATION

county Maricopa inventory number 00314 milepost 148.80 inventory route US 60; WB location 11.9 mi W Jct I 17 feature intersected New River city/vicinity Peoria **USGS** quadrangle El Mirage

district 78 **UTM** reference 12.382820.3717954

STRUCTURAL INFORMATION

main span number 6 main span type 402 appr. span number 0 appr. span type 9 degree of skew guardrail type

60.0 superstructure steel I-beam stringer main span length structure length 360.0 substructure concrete abutments, wingwalls and piers

roadway width 35.0 floor/decking concrete deck with asphalt overlay

concrete Jersey barrier guardrails with Thrie beams 40.0 structure width other features

at approaches

HISTORICAL INFORMATION

construction date designer/engineer 1922 Arizona Highway Department FI-48(6) project number builder/contractor Lee Moor Contracting Company, El Paso TX (19

structure owner information source ADOT bridge records Arizona Department of Transportation alteration date(s) 1990 alterations 1948 1980 superstructure replaced; scour protection built;

guardrails replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score NRHP eligibility non-eligible

> **NRHP** criteria C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

HISTORIC INVENTORY BRIDGE

Peoria Underpass

			. . —
PRO	PERTY	IDENTIF	ICATION

county Maricopa inventory number 00160

152.20 milepost inventory route AT&SF Railroad location 8.5 mi W Jct I 17 feature intersected US 60; WB city/vicinity Peoria **USGS** quadrangle Glendale

district 78 **UTM** reference 12.387008.3714557

STRUCTURAL INFORMATION

main span number 1 main span type 303

appr. span number 0 appr. span type degree of skew guardrail type

86.0 superstructure steel plate through girder main span length

structure length 89.0 substructure concrete abutments, wingwalls and pier floor/decking ballasted railroad bed roadway width 0.0

0.0 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1936 AT&SF Railroad

WPGH 48 builder/contractor project number Daley Construction Company, San Diego CA information source ADOT bridge records structure owner Atchison, Topeka & Santa Fe Railroad

alteration date(s) alterations 1953 slopes paved

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score NRHP eligibility eligible

NRHP criteria

signif. statement well-preserved example of ASHD architectural treatment for

an urban grade separation

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

Grand Canal Bridge

PROPERTY IDENTIFICATION

county Maricopa inventory number 00178 159.55 milepost inventory route US 60 location 1.1 mi W Jct I 17 feature intersected Grand Canal city/vicinity Alhambra **USGS** quadrangle Fowler

district 78 **UTM reference** 12.395280.3706082

STRUCTURAL INFORMATION

structure length 37.0 substructure concrete abutments, wingwalls and pier

 ${\bf roadway\ width} \qquad \qquad 84.0 \qquad \qquad {\bf floor/decking} \qquad \qquad {\bf concrete\ deck\ with\ asphalt\ overlay}$

structure width 98.3 other features steel beam guardrails

HISTORICAL INFORMATION

construction date 1937 designer/engineer Arizona Highway Department

project numberFAP 33 (Reo.)builder/contractorArizona Sand & Rock Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) 1963 alterations deck widened

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 16 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Maricopa inventory number 04111

189.48 milepost inventory route Apache Trail - Old US 60

location 6.3 mi West of Jct SR 88 feature intersected Wash city/vicinity Mesa **USGS** quadrangle Buckhorn

district 78 **UTM** reference 12.438050.3697514

STRUCTURAL INFORMATION

main span number 2 main span type 219

appr. span number 0 appr. span type degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

structure length 26.0 substructure concrete abutments, wingwalls and pier concrete deck with asphalt overlay roadway width 40.0 floor/decking

41.8 structure width other features none

HISTORICAL INFORMATION

construction date designer/engineer 1930 Arizona Highway Department

FAP 93-A project number builder/contractor Yglesias Brothers

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations 1942 barrels extended and floor added

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

county Maricopa inventory number 04112

189.48 milepost inventory route Apache Trail - Old US 60

location 6.3 mi West of Jct SR 88 feature intersected Wash city/vicinity Mesa **USGS** quadrangle Buckhorn

district 78 **UTM** reference 12.438050.3697536

STRUCTURAL INFORMATION

main span number 2 main span type 219

appr. span number 0 appr. span type degree of skew 45 guardrail type

10.0 concrete box culvert main span length superstructure

structure length 32.0 substructure concrete abutments, wingwalls and pier floor/decking concrete deck with asphalt overlay roadway width 51.5

53.5 structure width other features none

HISTORICAL INFORMATION

construction date designer/engineer 1961 Arizona Highway Department

F-022-3(12) project number builder/contractor Fisher Contracting Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 08 NRHP eligibility non-eligible

> NRHP criteria C В

signif. statement typical, relatively late example of common structural type,

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Maricopa inventory number 04113

191.53 milepost inventory route Apache Trail - Old US 60

location 4.3 mi West of Jct SR 88 feature intersected Wash city/vicinity Mesa **USGS** quadrangle Buckhorn

district 78 **UTM** reference 12.441368.3697493

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type

0 degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

structure length 23.0 substructure concrete abutments, wingwalls and pier concrete deck with asphalt overlay roadway width 39.8 floor/decking

41.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1930 Arizona Highway Department

FAP 93-A project number builder/contractor Yglesias Brothers

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1988 barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Maricopa inventory number 04114

milepost 191.53 inventory route Apache Trail - Old US 60

district 78 **UTM reference** 12.441877.3697517

STRUCTURAL INFORMATION

 $\begin{array}{lll} \mbox{main span number} & 2 & \mbox{main span type} & 219 \\ \mbox{appr. span number} & 0 & \mbox{appr. span type} & \end{array}$

structure length32.0substructureconcrete abutments, wingwalls and pierroadway width0.0floor/deckingconcrete deck with asphalt overlay

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date 1961 designer/engineer Arizona Highway Department

project number F-022-3(12) builder/contractor Fisher Contracting Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

 $\begin{array}{ccc} \textbf{inventory score} & 08 & \textbf{NRHP eligibility} & non-eligible \end{array}$

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Maricopa inventory number 04115

191.84 milepost inventory route Apache Trail - Old US 60

location 4.0 mi West Jct SR 88 feature intersected

city/vicinity Mesa **USGS** quadrangle Apache Junction district 78 **UTM** reference 12.442514.3697480

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type

0 degree of skew guardrail type

concrete box culvert 10.0 superstructure main span length

23.0 structure length substructure concrete abutments, wingwalls and pier concrete deck with asphalt overlay roadway width 39.0 floor/decking

41.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1930 Arizona Highway Department

FAP 93-A project number builder/contractor Yglesias Brothers

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1942 1988 barrels extended; one barrel added; floor replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Maricopa inventory number 04116

milepost 191.84 inventory route Apache Trail - Old US 60

location 4.0 mi West Jct SR 88 feature intersected Wash

city/vicinityMesaUSGS quadrangleApache Junctiondistrict78UTM reference12.442530.3697503

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert

structure length32.0substructureconcrete abutments, wingwalls and pierroadway width0.0floor/deckingconcrete deck with asphalt overlay

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date 1961 designer/engineer Arizona Highway Department

project number F-022-3(12) builder/contractor Fisher Contracting Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

 $\begin{array}{ccc} \text{inventory score} & 08 & & \text{NRHP eligibility} & \text{non-eligible} \end{array}$

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Maricopa inventory number 04119

milepost 192.81 inventory route Apache Trail - Old US 60

location 3.0 mi West of Jct SR 88 feature intersected Was

city/vicinityApache JunctionUSGS quadrangleApache Junctiondistrict78UTM reference12.444077.3697472

STRUCTURAL INFORMATION

main span number 2 main span type 219

appr. span number $\ 0$ appr. span type degree of skew $\ 30$ guardrail type $\ 0$

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 24.0 substructure concrete abutments, wingwalls and pier roadway width 43.0 floor/decking concrete deck with asphalt overlay

structure width 44.4 other features none

HISTORICAL INFORMATION

construction date 1930 designer/engineer Arizona Highway Department

project number FAP 93-A builder/contractor Yglesias Brothers

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1942 1986 alterations barrels extended; deck replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 08 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

04120

PROPERTY IDENTIFICATION

county Maricopa inventory number

milepost 192.81 inventory route Apache Trail - Old US 60

location 3.0 mi W Jct SR 88 feature intersected Wast

city/vicinityApache JunctionUSGS quadrangleApache Junctiondistrict78UTM reference12.444100.3697493

STRUCTURAL INFORMATION

main span number $\ 2$ main span type $\ 219$ appr. span number $\ 0$ appr. span type

degree of skew 30 guardrail type 0

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length24.0substructureconcrete abutments, wingwalls and pierroadway width57.4floor/deckingconcrete deck with asphalt overlay

structure width 59.4 other features none

HISTORICAL INFORMATION

construction date 1961 designer/engineer Arizona Highway Department

project number F-022-3(12) builder/contractor Fisher Contracting Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

 $\begin{array}{ccc} \text{inventory score} & 08 & & \text{NRHP eligibility} & \text{non-eligible} \end{array}$

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Wash Bridge

PROPERTY IDENTIFICATION

city/vicinity Apache Junction USGS quadrangle Superstition Mountains SW

district 78 **UTM reference** 12.455063.3692597

STRUCTURAL INFORMATION

structure length60.0substructureconcrete abutments, wingwalls and piersroadway width40.0floor/deckingconcrete deck with asphalt overlay

structure width 44.5 other features concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date 1929 designer/engineer Arizona Highway Department

project number FAP 93-B builder/contractor John Mulligan

information sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1955ca1990alterationsdeck widened; guardrails replaced with Jersey

barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 39 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

Culvert

PROPERTY IDENTIFICATION

county Pinal inventory number 04123 201.30 milepost inventory route US 60; EB location 5.5 mi E Jct SR 88 feature intersected Wash

city/vicinity Apache Junction **USGS** quadrangle Superstition Mountains SW **UTM** reference 12.455703.3691803

district 78

STRUCTURAL INFORMATION

main span number 6 main span type 219 appr. span number 0 appr. span type 6 degree of skew guardrail type concrete box culvert main span length 10.0 superstructure structure length 66.0 substructure concrete abutments, wingwalls and piers

roadway width 34.0 floor/decking asphalt roadway 36.0 steel guardrails structure width other features

HISTORICAL INFORMATION

NATIONAL REGISTER EVALUATION

construction date designer/engineer 1930 Arizona Highway Department FAP 93-B project number builder/contractor John Mulligan

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score NRHP eligibility non-eligible

> NRHP criteria В C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

city/vicinity Apache Junction USGS quadrangle Superstition Mountains SW

UTM reference 12.455843.3691635

STRUCTURAL INFORMATION

 main span number
 6
 main span type
 219

 appr. span number
 0
 appr. span type

 degree of skew
 0
 guardrail type

 main span length
 10.0
 superstructure
 concrete box culvert

 structure length
 66.0
 substructure
 concrete abutments, wingwalls and piers

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date 1930 designer/engineer Arizona Highway Department

project number FAP 93-B builder/contractor John Mulligan

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1998 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 22 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Wash Bridge

PROPERTY IDENTIFICATION

county Pinal inventory number 00433 203.09 milepost inventory route US 60; EB location 7.3 mi E Jct SR 88 feature intersected Wash

city/vicinity Apache Junction **USGS** quadrangle Superstition Mountains SW **UTM** reference 12.457782.3689878

district

STRUCTURAL INFORMATION

main span number 2 main span type 201 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete slab 20.0 superstructure main span length

structure length 40.0 substructure concrete abutments, wingwalls and pier roadway width 40.0 floor/decking concrete deck with asphalt overlay

concrete Jersey barrier guardrails with Thrie beams 45.0 structure width other features

at approaches

HISTORICAL INFORMATION

construction date designer/engineer 1929 Arizona Highway Department FAP 7(Reo.) project number builder/contractor F.D. Shufflebarger, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1955 ca1990 alterations deck widened; guardrails replaced with Jersey

barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 30 NRHP eligibility non-eligible

> **NRHP** criteria C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Wash Bridge

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county Pinal inventory number 00434 205.37 milepost inventory route US 60; EB location 9.6 mi E Jct SR 88 feature intersected Wash

city/vicinity Apache Junction **USGS** quadrangle Superstition Mountains SW **UTM** reference 12.460310.3687177

district

STRUCTURAL INFORMATION

main span number 5 main span type 201 appr. span number 0 appr. span type degree of skew guardrail type concrete slab 22.0 superstructure main span length

structure length 110.0 substructure concrete abutments, wingwalls and piers

roadway width 40.0 floor/decking concrete deck with asphalt overlay

concrete Jersey barrier guardrails with Thrie beams 45.0 structure width other features

at approaches

HISTORICAL INFORMATION

construction date designer/engineer 1930 Arizona Highway Department FAP 7(Reo.) project number builder/contractor F.D. Shufflebarger, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1955 deck widened; guardrails replaced with Jersey

barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 33 NRHP eligibility non-eligible

> **NRHP** criteria C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

city/vicinityApache JunctionUSGS quadrangleSuperstition Mountains SWdistrict78UTM reference12.460638.3686830

STRUCTURAL INFORMATION

structure length 36.0 substructure concrete abutments, wingwalls and piers

roadway width 32.0 floor/decking asphalt roadway

structure width 33.4 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

 construction date
 1930
 designer/engineer
 Arizona Highway Department

 project number
 FAP 7(Reo.)
 builder/contractor
 F.D. Shufflebarger, Phoenix AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

 alteration date(s)
 ca1990
 alterations
 Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 12 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Wash Bridge

PROPERTY IDENTIFICATION

county Pinal inventory number 01533 206.08 milepost inventory route US 60; EB location 6.1 mi W Jct SR 89 feature intersected Wash

city/vicinity Apache Junction **USGS** quadrangle Superstition Mountains SW **UTM** reference 12.461117.3686383

district

STRUCTURAL INFORMATION

main span number 1 main span type 101 appr. span number 0 appr. span type 6 degree of skew guardrail type concrete slab 20.0 superstructure main span length

structure length 22.0 substructure concrete abutments and wingwalls roadway width 32.1 floor/decking concrete deck with asphalt overlay steel Thrie beam guardrails 33.6 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1930 Arizona Highway Department FAP 7(Reo.) project number builder/contractor F.D. Shufflebarger, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations 1953 deck widened; guardrails replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Wash Bridge

PROPERTY IDENTIFICATION

county Pinal inventory number 00578 207.98 milepost inventory route US 60; EB location 4.2 mi W Jct SR 89 feature intersected Wash

city/vicinity Florence Junction **USGS** quadrangle Superstition Mountains SW **UTM** reference 12.463404.3684333

district

STRUCTURAL INFORMATION

main span number 3 main span type 201 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete slab 33.0 superstructure main span length structure length 88.0 substructure concrete abutments, wingwalls and piers

roadway width 40.0 floor/decking concrete deck with asphalt overlay

concrete Jersey barrier guardrails with Thrie beams structure width 44.8 other features

at approaches

HISTORICAL INFORMATION

construction date designer/engineer 1960 Arizona Highway Department

F-022-3(60)E project number builder/contractor information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations ca1990 guardrails replaced with Jersey barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Sand Tanks Wash Bridge

PROPERTY	IDENTIFICATION
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countyPinalinventory number00435milepost208.75inventory routeUS 60; EBlocation3.4 mi W Jct SR 79feature intersectedSand Tanks Wash

city/vicinity Florence Junction USGS quadrangle Superstition Mountains SW

district 83 **UTM reference** 12.464350.3683502

STRUCTURAL INFORMATION

main span number 4 main span type 201 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete slab 22.0 superstructure main span length structure length 88.0 substructure concrete abutments, wingwalls and piers roadway width 40.5 floor/decking concrete deck with asphalt overlay

structure width 44.0 other features solid concrete guardrails with Thrie beams at

approaches

HISTORICAL INFORMATION

construction date1936designer/engineerArizona Highway Departmentproject numberWPH 7builder/contractorSkousen Brothers, Albuquerque NMinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1955alterationsdeck widened; guardrails replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 18 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

BRIDGE INVENTORY HISTORIC

Culvert

county Pinal inventory number 04132 212.15 milepost inventory route US 60; WB location at Jct SR 79 feature intersected Wash

city/vicinity Florence Junction **USGS** quadrangle Florence Junction district **UTM** reference 12.468544.3680104

STRUCTURAL INFORMATION

main span number 4 main span type 219 appr. span number 0 appr. span type degree of skew guardrail type concrete box culvert main span length 5.0 superstructure structure length 24.0 substructure concrete abutments, wingwalls and piers

other features

floor/decking roadway width 0.0 asphalt roadway 0.0 none

HISTORICAL INFORMATION

construction date designer/engineer 1937 Arizona Highway Department WPH 7 project number builder/contractor Skousen Brothers, Albuquerque NM information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

structure width

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

inventory score NRHP eligibility non-eligible

> NRHP criteria В C

signif. statement typical, relatively late example of common structural type,

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

city/vicinityFlorence JunctionUSGS quadrangleFlorence Junctiondistrict83UTM reference12.470140.3679877

STRUCTURAL INFORMATION

main span number 5 main span type 219 appr. span number 0 appr. span type degree of skew 45 guardrail type 10.0 concrete box culvert superstructure main span length structure length 25.0 substructure concrete abutments, wingwalls and piers roadway width 0.0 floor/decking asphalt roadway

 $\begin{array}{ccc} \textbf{structure width} & 0.0 & \textbf{other features} & \text{steel Thrie beam guardrails} \\ \end{array}$

HISTORICAL INFORMATION

construction date1947designer/engineerArizona Highway Departmentproject numberF-23(5)builder/contractorNathan A. Moore, San Gabriel CAinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)ca1990alterationsThrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 03 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

city/vicinityFlorence JunctionUSGS quadrangleFlorence Junctiondistrict83UTM reference12.473017.3680080

STRUCTURAL INFORMATION

main span number4main span type219appr. span number0appr. span typedegree of skew30guardrail typemain span length10.0superstructureconcrete box culvertstructure length49.0substructureconcrete abutments, wingwalls and piers

HISTORICAL INFORMATION

 construction date
 1947
 designer/engineer
 Arizona Highway Department

 project number
 F-23(5)
 builder/contractor
 Nathan A. Moore, San Gabriel CA

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

 alteration date(s)
 alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 12 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Wash Bridge

DDODEDTV	IDENTIFICATION
PROPERTY	IDENTIFICATION

city/vicinityFlorence JunctionUSGS quadranglePicketpost Mountaindistrict83UTM reference12.480304.3681556

STRUCTURAL INFORMATION

main span number 2 main span type 201 appr. span number 0 appr. span type 6 degree of skew guardrail type concrete slab 22.0 superstructure main span length structure length 44.0 substructure concrete abutments, wingwalls and pier roadway width 40.0 floor/decking concrete deck with asphalt overlay

structure width 43.0 other features solid concrete guardrails with Thrie beams at

approaches

HISTORICAL INFORMATION

construction date1930designer/engineerArizona Highway Departmentproject numberFAP 23-Dbuilder/contractor

information sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)19471984alterationsdeck widened and guardrails replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 24 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

countyPinalinventory number04135milepost221.01inventory routeUS 60location8.8 mi East Jct US 79feature intersectedWash

city/vicinityFlorence JunctionUSGS quadranglePicketpost Mountaindistrict83UTM reference12.482063.3681472

STRUCTURAL INFORMATION

main span number2main span type219appr. span number0appr. span typedegree of skew0guardrail typemain span length10.0superstructureconcrete box culvertstructure length23.0substructureconcrete abutments, wingwalls a

structure length 23.0 substructure concrete abutments, wingwalls and pier roadway width 39.4 floor/decking asphalt roadway

structure width 49.2 other features none

HISTORICAL INFORMATION

construction date1947designer/engineerArizona Highway Departmentproject numberF-23(6)builder/contractorJ.E. Skousen, Mesa AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

oration dato(o)

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 12 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

countyPinalinventory number04136milepost221.89inventory routeUS 60location9.7 mi East US 79feature intersectedWash

city/vicinitySuperiorUSGS quadranglePicketpost Mountaindistrict83UTM reference12.483430.3681913

STRUCTURAL INFORMATION

structure length 38.0 **substructure** concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date1947designer/engineerArizona Highway Departmentproject numberF-23(6)builder/contractorJ.E. Skousen, Mesa AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 13 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Queen Creek Bridge

PROPERTY IDENTIFICATION

county Pinal inventory number 00296 222.25 milepost inventory route US 60 location 10.1 mi E Jct SR 79 feature intersected Queen Creek city/vicinity Superior **USGS** quadrangle Picketpost Mountain district 83 **UTM** reference 12.483840.3682173

STRUCTURAL INFORMATION

main span number 3 main span type 402 appr. span number 0 appr. span type 9 degree of skew guardrail type 67.0 superstructure steel I-beam stringer main span length structure length 216.0 substructure concrete abutments, wingwalls and piers roadway width 30.0 floor/decking concrete deck with asphalt overlay concrete Jersey barrier guardrails with Thrie beams 34.2 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1947 Arizona Highway Department F-23(7) project number builder/contractor Carney Construction Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations 1982 guardrails replaced with Jersey barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form** NRHP eligibility non-eligible inventory score NRHP criteria signif. statement typical, relatively late example of common structural type,

altered

at approaches

FORM COMPLETED BY

Clayton B. Fraser, Principal

Wash Bridge

PROPERTY IDENTIFICATION

city/vicinitySuperiorUSGS quadranglePicketpost Mountaindistrict83UTM reference12.484800.3682455

STRUCTURAL INFORMATION

structure length 54.0 substructure concrete abutments, wingwalls and piers roadway width 40.0 floor/decking concrete deck with asphalt overlay

structure width 43.0 other features concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date1930designer/engineerArizona Highway Departmentproject numberFAP 23-Fbuilder/contractorWestern Gunite Company

information sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)19471984alterationsdeck widened; guardrails replaced with Jersey

barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 29 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

Silver King Wash Bridge

PROPERTY IDENTIFICATION

 $\begin{array}{cccc} \textbf{county} & \textbf{Pinal} & \textbf{inventory number} & 00318 \\ \textbf{milepost} & 223.70 & \textbf{inventory route} & \textbf{US } 60 \\ \end{array}$

 location
 3.5 mi W Jct SR 177
 feature intersected
 Silver King Wash

 city/vicinity
 Superior
 USGS quadrangle
 Picketpost Mountain

 district
 83
 UTM reference
 12.486115.3682613

STRUCTURAL INFORMATION

main span length30.0superstructureconcrete slabstructure length80.0substructureconcrete abutments, wingwalls and piers

roadway width 40.0 floor/decking concrete deck with asphalt overlay

structure width 42.9 other features concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date 1949 designer/engineer Arizona Highway Department

project number NFA 23-F builder/contractor Orr & Orr Construction Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1992 alterations guardrails replaced with Jersey barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 16 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Wash Bridge

PROPERTY IDENTIFICATION

city/vicinitySuperiorUSGS quadranglePicketpost Mountaindistrict83UTM reference12.487577.3682741

STRUCTURAL INFORMATION

structure length 32.0 substructure concrete abutments, wingwalls and pier roadway width 46.6 floor/decking concrete deck with asphalt overlay

structure width 49.0 other features steel Thrie beam guardrails

HISTORICAL INFORMATION

 construction date
 1935
 designer/engineer
 Arizona Highway Department

 project number
 FAP 23-F
 builder/contractor
 Western Gunite Company

information sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)19491992alterationsdeck widened; guardrails replaced with Thrie

beams

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation For

inventory score 14 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

Queen Creek Bridge

PROPERTY IDENTIFICATION

county Pinal inventory number 00436 226.14 milepost inventory route US 60 location 1.0 mi W Jct SR 177 feature intersected Queen Creek city/vicinity Superior **USGS** quadrangle Superior

district 83 **UTM reference** 12.489916.3683090

STRUCTURAL INFORMATION

structure length 147.0 **substructure** concrete abutments, wingwalls and piers

roadway width 40.0 floor/decking concrete deck with asphalt overlay

structure width 47.0 other features steel baluster guardrails with Thrie beams installed

HISTORICAL INFORMATION

construction date 1955 designer/engineer Arizona Highway Department

project numberF-23(8)builder/contractorBentson Contracting Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1989alterationsThrie beams installed over original guardrails

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 30 NRHP eligibility non-eligible

NRHP criteria A _____ B ___ C ___ signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Stone Avenue Overpass

PROPERTY IDENTIFICATION

county Pinal inventory number 00437 226.62 milepost inventory route US 60 location 0.3 mi W Jct SR 177 feature intersected Stone Avenue city/vicinity Superior **USGS** quadrangle Superior

district 83 **UTM reference** 12.490664.3683355

STRUCTURAL INFORMATION

main span number 3 main span type 201 appr. span number 0 appr. span type 8 degree of skew guardrail type concrete slab 35.0 superstructure main span length structure length 94.0 substructure concrete abutments and concrete column piers

roadway width40.0floor/deckingconcrete deck with asphalt overlaystructure width45.0other featuressteel Thrie beam guardrails

HISTORICAL INFORMATION

 construction date
 1955
 designer/engineer
 Arizona Highway Department

 project number
 NFA 16(54)A
 builder/contractor
 Bentson Contracting Company, Phoenix AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) 1989 alterations guardrails replaced with Thrie beams

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 12 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Route 177 Underpass

PROPERTY IDENTIFICATION

county Pinal inventory number 00438 226.85 milepost inventory route SR 177 location at Jct of US 60 feature intersected US 60 city/vicinity Superior **USGS** quadrangle Superior

district 83 **UTM reference** 12.491000.3683538

STRUCTURAL INFORMATION

main span number 3 main span type 201 appr. span number 0 appr. span type 5 degree of skew guardrail type concrete slab 47.0 superstructure main span length structure length 99.0 substructure concrete abutments and concrete column piers roadway width 43.0 floor/decking concrete deck with asphalt overlay steel baluster guardrails with Thrie beams installed 51.5 structure width other features

HISTORICAL INFORMATION

construction date1955designer/engineerArizona Highway Departmentproject numberF-23(8)builder/contractorBentson Contracting Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1989alterationsThrie beams installed over original guardrails

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 19 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Queen Creek Viaduct

PROPERTY IDENTIFICATION

county Pinal inventory number 00406 227.71 milepost inventory route US 60 location 0.5 mi E Jct SR 177 feature intersected Queen Creek city/vicinity Superior **USGS** quadrangle Superior

district 83 **UTM reference** 12.491617.3684420

STRUCTURAL INFORMATION

 main span number
 1
 main span type
 311

 appr. span number
 4
 appr. span type
 302

 degree of skew
 0
 guardrail type
 2

 main span length
 381.0
 superstructure
 steel two-hinge girder-ribbed deck arch

structure length577.0substructureconcrete abutments and piersroadway width30.0floor/deckingconcrete deck with asphalt overlay

structure width 34.0 other features arch rib: riveted steel built-up plate girder w/ able flanges and web stiffeners; post: built-up square

section; floor beam: I-beam; Art Moderne concrete pylons; aluminum tubular guardrails

HISTORICAL INFORMATION

construction date 1949 designer/engineer Arizona Highway Department

 project number
 F-16(10)
 builder/contractor
 Fisher Contracting Company, Phoenix AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

 alteration date(s)
 1972
 1992
 2000
 alterations
 various repairs to rails, expansion joints and

superstructural steel

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 59 NRHP eligibility eligible

NRHP criteria A B C x

signif. statement outstanding, well-preserved example of rare, long-span

structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal FRASERdesign

420 South County Road 23E Loveland, Colorado 80537

May 2009

BRIDGE INVENTORY HISTORIC

Waterfall Canyon Bridge

county Pinal inventory number 00328 229.50 milepost inventory route US 60

location 2.6 mi East of Jct SR 177 feature intersected Waterfall Canyon

city/vicinity Superior **USGS** quadrangle Superior

district 83 **UTM** reference 12.492684.3685193

STRUCTURAL INFORMATION

main span number 4 main span type 104 appr. span number 0 appr. span type 9 degree of skew guardrail type concrete deck girder main span length 24.0 superstructure structure length 96.0 substructure concrete abutments, wingwalls and spill-through 40.0 concrete deck with asphalt overlay roadway width floor/decking

structure width 43.5 other features concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date 1929 designer/engineer Arizona Highway Department

project number builder/contractor Los Angeles Decomposed Granite Co., Los Angel information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) ca1935 1949 alterations one span added; deck widened; guardrails replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

inventory score 30 NRHP eligibility non-eligible

NRHP criteria В C

signif. statement typical, relatively late example of common structural type,

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pinal inventory number 04137 230.10 milepost inventory route US 60 location 3.2 mi East of Jct SR 177 feature intersected Wash city/vicinity Superior **USGS** quadrangle Superior

district 83 **UTM reference** 12.493702.3685631

STRUCTURAL INFORMATION

main span number 3 main span type 219 appr. span number 0 appr. span type degree of skew 45 guardrail type 10.0 concrete box culvert superstructure main span length structure length 45.0 substructure concrete abutments, wingwalls and piers roadway width 0.0 floor/decking asphalt roadway steel Thrie beam guardrails 0.0 structure width other features

HISTORICAL INFORMATION

construction date1938designer/engineerArizona Highway Departmentproject numberFAP 16(2-R)builder/contractorLee Moor Contracting Company, El Paso TXinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)ca1990alterationsThrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 09 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

BRIDGE INVENTORY HISTORIC

Devils Canyon Bridge

PROPERTY IDENTIFICATION

county Pinal inventory number 00261 232.49 milepost inventory route US 60 location 5.6 mi East of Jct SR 177 feature intersected Devils Canyon city/vicinity Superior **USGS** quadrangle Superior

district 83 **UTM** reference 12.496988.3687362

STRUCTURAL INFORMATION

main span number 1 main span type 107 appr. span number 0 appr. span type 9 degree of skew guardrail type 49.0 superstructure concrete rigid frame main span length

structure length 55.0 substructure concrete abutments wingwalls concrete deck with asphalt overlay roadway width 34.3 floor/decking

concrete Jersey barrier guardrails with Thrie beams 37.0 structure width other features

at approaches

HISTORICAL INFORMATION

construction date designer/engineer 1941 Arizona Highway Department FAP 16(3) project number builder/contractor W.E. Orr, Phoenix AZ

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1979 1992 alterations guardrails replaced with Jersey barriers; scour

protection built

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 25 NRHP eligibility non-eligible NRHP criteria C

signif. statement typically configured example of uncommon structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pinal inventory number 04138 232.92 milepost inventory route US 60 location 6.0 mi East of Jct SR 177 feature intersected Wash city/vicinity Superior **USGS** quadrangle Superior

district 83 **UTM reference** 12.497123.3688050

STRUCTURAL INFORMATION

 $\begin{tabular}{lll} \textbf{main span length} & 14.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 41.0 substructure concrete abutments, wingwalls and pier

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

 $\begin{array}{ccc} \textbf{structure width} & 0.0 & \textbf{other features} & \text{steel Thrie beam guardrails} \\ \end{array}$

HISTORICAL INFORMATION

 construction date
 1941
 designer/engineer
 Arizona Highway Department

 project number
 FAP 16(3)
 builder/contractor
 W.E. Orr, Phoenix AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

 alteration date(s)
 ca1990
 alterations
 Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 06 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pinal inventory number 04140 234.00 milepost inventory route US 60 location 7.1 mi East of Jct SR 177 feature intersected Wash city/vicinity Miami **USGS** quadrangle Superior

district 83 **UTM reference** 12.498536.3689050

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type degree of skew 45 guardrail type concrete box culvert 12.0 superstructure main span length structure length 35.0 substructure concrete abutments, wingwalls and pier roadway width 0.0 floor/decking asphalt roadway steel Thrie beam guardrails 0.0 structure width other features

HISTORICAL INFORMATION

construction date1939designer/engineerArizona Highway Departmentproject numberFAP 16(2)builder/contractorW.E. Orr, Phoenix AZ

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) ca1990 alterations Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 04 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Bronx Creek Culvert

PROPERTY IDENTIFICATION

county Gila inventory number 04141 236.95 milepost inventory route US 60 location 10.1 mi East Jct SR 177 feature intersected Bronx Creek city/vicinity Miami **USGS** quadrangle Pinal Ranch district 83 **UTM** reference 12.502335.3691478

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type degree of skew 45 guardrail type 10.0 concrete box culvert superstructure main span length structure length 29.0 substructure concrete abutments, wingwalls and pier floor/decking roadway width 0.0 asphalt roadway 0.0 none structure width other features

HISTORICAL INFORMATION

 construction date
 1950
 designer/engineer
 Arizona Highway Department

 project number
 F-16(5)
 builder/contractor

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

 alteration date(s)
 alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

Inventory score 06

NRHP eligibility non-eligible

NRHP criteria A B C C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Pinto Creek Bridge

PROPERT	Y IDENT	IFICATION
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county Gila inventory number 00351 238.25 milepost inventory route US 60 location 8.8 mi W Jct SR 88 feature intersected Pinto Creek city/vicinity Miami **USGS** quadrangle Pinal Ranch district 83 **UTM** reference 12.504098.3691450

STRUCTURAL INFORMATION

main span number 1 main span type 311 302 appr. span number 8 appr. span type 2 degree of skew guardrail type steel two-hinge girder-ribbed deck arch 371.0 superstructure main span length structure length 637.0 substructure concrete abutments and arch pedestals roadway width 30.0 floor/decking concrete deck with asphalt overlay arch rib: riveted steel built-up plate girder w/ able 35.0 structure width other features

flanges and web stiffeners; post: built-up square section; floor beam: I-beam; Art Moderne concrete pylons; aluminum tubular guardrails

HISTORICAL INFORMATION

construction date 1949 designer/engineer Arizona Highway Department project number F-16(6) builder/contractor H.J. Hagen; Fisher Contracting Company information source ADOT bridge records structure owner Arizona Department of Transportation 2000 alteration date(s) 1971 1977 alterations various repairs to rails, expansion joints and

superstructural steel

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 59 NRHP eligibility eligible

NRHP criteria A B C x

signif. statement outstanding, well-preserved example of rare, long-span

structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Gila inventory number 04142 240.80 milepost inventory route US 60 location 6.3 mi West of Jct SR 88 feature intersected Wash city/vicinity Miami **USGS** quadrangle Pinal Ranch district 83 **UTM** reference 12.506716.3692200

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type degree of skew guardrail type concrete box culvert 10.0 superstructure main span length structure length 22.0 substructure concrete abutments, wingwalls and pier 0.0 floor/decking roadway width asphalt roadway 0.0 none structure width other features

HISTORICAL INFORMATION

 construction date
 1942
 designer/engineer
 Arizona Highway Department

 project number
 NFA 16(4)
 builder/contractor
 W.E. Orr, Phoenix AZ

information sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)ca1990alterationsThrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 06 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

BRIDGE INVENTORY HISTORIC

Bloody Tanks Wash Bridge

PROPERTY IDENTIFICATION

county Gila inventory number 00045 242.72 milepost inventory route US 60

location 4.3 mi W Jct SR 88 feature intersected Bloody Tanks Wash

city/vicinity Miami **USGS** quadrangle Inspiration

district 83 **UTM** reference 12.507820.3692796

STRUCTURAL INFORMATION

main span number 3 main span type 201 appr. span number 0 appr. span type degree of skew guardrail type concrete slab 25.0 superstructure main span length

structure length 76.0 substructure concrete abutments and concrete column piers

floor/decking roadway width 34.0 concrete deck with asphalt overlay solid concrete guardrails with Art Moderne 37.0 structure width other features

detailing

HISTORICAL INFORMATION

construction date designer/engineer 1937 Arizona Highway Department

FAP 16 (1st Reo.) project number builder/contractor Lee Moor Contracting Company, El Paso TX information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 34 NRHP eligibility non-eligible

> NRHP criteria C

signif. statement well-preserved example of AHD architectural detailing

FORM COMPLETED BY

Clayton B. Fraser, Principal

Live Oak Gulch Culvert

PROPERTY IDENTIFICATION

 $\begin{array}{cccc} \textbf{county} & \textbf{Gila} & \textbf{inventory number} & 04144 \\ \textbf{milepost} & 243.67 & \textbf{inventory route} & \textbf{US } 60 \\ \end{array}$

location 3.4 mi West of Jct SR 88 feature intersected Live Oak Gulch city/vicinity Miami USGS quadrangle Inspiration

district 83 **UTM reference** 12.509186.3693420

STRUCTURAL INFORMATION

main span number 3 main span type 219 appr. span number 0 appr. span type

degree of skew 0 guardrail type

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length32.0substructureconcrete abutments, wingwalls and piersroadway width0.0floor/deckingasphalt roadway

structure width 0.0 other features none

HISTORICAL INFORMATION

alteration date(s)

construction date 1956 designer/engineer Arizona Highway Department

project numberNFA 91-Abuilder/contractorHagen Construction Company, Globe AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 09 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Bloody Tanks Wash Bridge

PROPERTY IDENTIFICATION

 $\begin{array}{cccc} \textbf{county} & \textbf{Gila} & \textbf{inventory number} & 00173 \\ \textbf{milepost} & 243.71 & \textbf{inventory route} & \textbf{US } 60 \\ \end{array}$

location 3.4 mi W Jct SR 88 feature intersected Bloody Tanks Wash

city/vicinity Miami USGS quadrangle Inspiration

district 83 **UTM reference** 12.510154.3693920

STRUCTURAL INFORMATION

structure length81.0substructureconcrete abutments, wingwalls and piersroadway width65.2floor/deckingconcrete deck with asphalt overlaystructure width77.7other featuresconcrete Jersey barrier guardrails

HISTORICAL INFORMATION

construction date1927designer/engineerArizona Highway Departmentproject numberFAP 91-Abuilder/contractorLee Moor Contracting Company, El Paso TX

information sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)19561991alterationsdeck widened; guardrails replaced with Jersey

barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 33 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

BRIDGE INVENTORY HISTORIC

Culvert

PROPERTY IDENTIFICATION

county Gila inventory number 04145 246.67 milepost inventory route US 60 location 0.4 mi West of Jct SR 88 feature intersected Wash city/vicinity Claypool **USGS** quadrangle Globe

district 83 **UTM** reference 12.513768.3696630

STRUCTURAL INFORMATION

main span number 4 main span type 219 appr. span number 0 appr. span type degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure structure length 44.0 substructure concrete abutments, wingwalls and piers

floor/decking concrete deck with asphalt overlay roadway width 0.0

0.0 none structure width other features

HISTORICAL INFORMATION

construction date 1949 designer/engineer Arizona Highway Department U-91(7) project number builder/contractor Harry J. Hagen, Globe AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score NRHP eligibility non-eligible

> NRHP criteria В C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Pinal Creek Bridge

PROPERTY IDENTIFICATION

county Gila inventory number 00266 249.64 milepost inventory route US 60 location 2.6 mi E Jct SR 88 feature intersected Pinal Creek city/vicinity Globe **USGS** quadrangle Globe

district 83 **UTM reference** 12.519234.3696434

STRUCTURAL INFORMATION

main span number 7 main span type 201 appr. span number 0 appr. span type degree of skew guardrail type concrete slab 20.0 superstructure main span length structure length 135.0 substructure concrete abutments, wingwalls and piers roadway width 64.0 floor/decking concrete deck with asphalt overlay solid concrete guardrails with steel tubes 73.8 structure width other features

HISTORICAL INFORMATION

construction date1942designer/engineerArizona Highway Departmentproject numberFAP 91-Cbuilder/contractor

information sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)19801985alterationsdeck widened; floor and guardrails rebuilt

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 09 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Pinal Creek Bridge

PROPERTY IDENTIFICATION

county Gila inventory number 00036 249.80 milepost inventory route US 60 location 2.7 mi E Jct SR 88 feature intersected Pinal Creek city/vicinity Globe **USGS** quadrangle Globe

district 83 **UTM reference** 12.519260.3696185

STRUCTURAL INFORMATION

main span number 6 main span type 201 appr. span number 0 appr. span type degree of skew guardrail type concrete slab main span length 18.0 superstructure structure length 106.0 substructure concrete abutments, wingwalls and piers floor/decking roadway width 64.0 concrete deck with asphalt overlay

other features

HISTORICAL INFORMATION

structure width

71.3

construction date 1920 designer/engineer Arizona Highway Department

project number builder/contractor state work force

information sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)195719801985alterationsdeck widened; downstream check dam built;

guardrails rebuilt

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

solid concrete guardrails with steel tubes

National Register Multiple Property Documentation Form

inventory score 28 NRHP eligibility non-eligible

NRHP criteria A _____ B ___ C ___

signif. statement common structural type, substantially altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Pinal Creek Bridge

PROPERTY IDENTIFICATION

county Gila inventory number 00549 250.37 milepost inventory route US 60 location 3.3 mi East of SR 88 feature intersected Pinal Creek city/vicinity Globe **USGS** quadrangle Globe

district 83 **UTM reference** 12.519653.3695050

STRUCTURAL INFORMATION

main span number5main span type201appr. span number0appr. span typedegree of skew53guardrail type4main span length40.0superstructureconcrete slabstructure length188.0substructureconcrete abutments, wingwalls and piers

roadway width64.0floor/deckingconcrete deck with asphalt overlaystructure width76.5other featuressolid concrete guardrails with steel tubes

HISTORICAL INFORMATION

construction date 1959 designer/engineer Arizona Highway Department
project number F-022-3(2) builder/contractor Hagen Construction Company, C

project number F-022-3(2) builder/contractor Hagen Construction Company, Globe AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

unorum

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 31 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

McMillen Wash Bridge

PROPERTY IDENTIFICATION

location 0.2 mi West of Jct US 70 feature intersected McMillen Wash

district 83 **UTM reference** 12.521497.3695058

STRUCTURAL INFORMATION

main span number 6 main span type 204 appr. span number 0 appr. span type degree of skew 6 guardrail type concrete deck girder main span length 17.0 superstructure structure length 64.0 substructure concrete abutments, wingwalls and spill-through 64.0 concrete deck with asphalt overlay

roadway width64.0floor/deckingconcrete deck with asphalt overlandstructure width75.3other featuressteel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1930 designer/engineer Arizona Highway Department

project numberFAP 87-Cbuilder/contractorLee Moor Contracting Company, El Paso TXinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)19371992alterationsdeck widened; guardrails replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 22 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement common structural type, substantially altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

city/vicinityGlobeUSGS quadrangleCammerman Washdistrict83UTM reference12.524761.3697790

STRUCTURAL INFORMATION

main span number 4 main span type 219 appr. span number 0 appr. span type degree of skew guardrail type concrete box culvert main span length 12.0 superstructure 51.0 structure length substructure concrete abutments, wingwalls and piers 0.0 roadway width floor/decking asphalt roadway

structure width 0.0 other features steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date1958designer/engineerArizona Highway Departmentproject numberF-026-1(3)builder/contractorTom L. Mulcaire

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) ca1990 alterations Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

BRIDGE INVENTORY HISTORIC

Quartzite Canyon Bridge

DDODEDTV	IDENTIFICATION
PROPERTI	IDENTIFICATION

county Gila inventory number 00091 256.72 milepost inventory route US 60 location 4.8 mi North of Jct US 70 feature intersected Quartzite Wash

city/vicinity Globe **USGS** quadrangle Cammerman Wash district 83 **UTM** reference 12.525883.3700807

STRUCTURAL INFORMATION

main span number 2 main span type 104 appr. span number 0 appr. span type 9 degree of skew guardrail type 32.0 superstructure concrete deck girder main span length structure length 66.0 substructure concrete abutments, wingwalls and pier concrete deck with asphalt overlay roadway width 41.5 floor/decking concrete Jersey barrier guardrails with Thrie beams 45.0 structure width

other features

at approaches

HISTORICAL INFORMATION

construction date designer/engineer 1932 Arizona Highway Department FAP 99-B project number builder/contractor Charles G. Willis & Sons, Los Angeles CA information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1992 alterations 1961 1980 deck widened; guardrails replaced with Jersey barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score NRHP eligibility non-eligible

NRHP criteria C

signif. statement common structural type, substantially altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

city/vicinityGlobeUSGS quadrangleChrome Buttedistrict83UTM reference12.528527.3710894

STRUCTURAL INFORMATION

main span length 14.0 superstructure concrete box culvert structure length 37.0 substructure concrete abutments, wingwalls and pier

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1962 designer/engineer Arizona Highway Department

project number F-026-1(12) builder/contractor Martin Construction Company, Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) ca1990 alterations Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

city/vicinityGlobeUSGS quadrangleChrome Buttedistrict83UTM reference12.530025.3713633

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert structure length 32.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1933 designer/engineer Arizona Highway Department
project number FAP 99-C builder/contractor L.E. Dixon Company, Los Angeles CA
information source ADOT bridge records structure owner Arizona Department of Transportation
alteration date(s) 1962 ca1990 alterations barrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 05 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

 $\begin{array}{cccc} \textbf{county} & Gila & \textbf{inventory number} & 04150 \\ \textbf{milepost} & 267.17 & \textbf{inventory route} & US~60 \\ \textbf{location} & 15.2~\text{mi}~E~Jct~US~70 & \textbf{feature intersected} & Wash \\ \end{array}$

city/vicinityGlobeUSGS quadrangleChrome Buttedistrict83UTM reference12.531855.3715051

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert structure length 21.0 substructure concrete abutments, wingwalls and pier

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date1933designer/engineerArizona Highway Departmentproject numberFAP 99-Cbuilder/contractorL.E. Dixon Company, Los Angeles CAinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1962ca1990alterationsbarrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 04 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

 county
 Gila
 inventory number
 04151

 milepost
 267.77
 inventory route
 US 60

 location
 15.8 mi E Jct US 70
 feature intersected
 Wash

city/vicinityGlobeUSGS quadrangleChrome Buttedistrict83UTM reference12.532295.3715838

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert structure length 24.0 substructure concrete abutments, wingwalls and pier

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1962 designer/engineer Arizona Highway Department
project number F-026-1(14) builder/contractor Vinnell Company Inc., Alhambra CA
information source ADOT bridge records structure owner Arizona Department of Transportation
alteration date(s) ca1990 alterations Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

BRIDGE INVENTORY HISTORIC

Sevenmile Wash Bridge

PROPERTY IDENTIFICATION

county Gila inventory number 00099 268.20 milepost inventory route US 60

location 16.3 mi E Jct SR 88 feature intersected Sevenmile Wash city/vicinity Globe **USGS** quadrangle Chrome Butte district 83 **UTM** reference 12.532616.3716494

STRUCTURAL INFORMATION

main span number 4 main span type 104 appr. span number 0 appr. span type degree of skew guardrail type

40.0 superstructure concrete deck girder main span length structure length 160.0 substructure concrete abutments, wingwalls and piers

35.5 roadway width floor/decking concrete deck with asphalt overlay

concrete Jersey barrier guardrails with Thrie beams 38.2 structure width other features

at approaches

HISTORICAL INFORMATION

construction date 1933 designer/engineer Arizona Highway Department FAP 99-C project number builder/contractor L.E. Dixon Company, Los Angeles CA structure owner information source ADOT bridge records Arizona Department of Transportation alteration date(s) 1989 alterations 1962 1981 deck widened; guardrails replaced with Jersey

barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 19 NRHP eligibility non-eligible

> **NRHP** criteria C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

Culvert

PROPERTY IDENTIFICATION

city/vicinityGlobeUSGS quadrangleSevenmile Mountainsdistrict83UTM reference12.536710.3719714

STRUCTURAL INFORMATION

structure length 21.0 substructure concrete abutments, wingwalls and pier

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1933 designer/engineer Arizona Highway Department

project numberFAP 99-Dbuilder/contractorCharles G. Willis & Sons, Los Angeles CAinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1962ca1990alterationsbarrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 04 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

city/vicinityCarrizoUSGS quadrangleMule Hoof Benddistrict83UTM reference12.544970.3735248

STRUCTURAL INFORMATION

main span length10.0superstructureconcrete box culvertstructure length44.0substructureconcrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date 1932 designer/engineer Arizona Highway Department

project number FAP 99-A builder/contractor Lee Moor Contracting Company, El Paso TX information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1958 alterations barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 14 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

BRIDGE INVENTORY HISTORIC

Salt River Canyon Bridge

county Gila inventory number 00129 292.91 milepost inventory route abd. US 60 location 25.2 mi W Jct SR 73 feature intersected Salt River

city/vicinity Carrizo **USGS** quadrangle Mule Hoof Bend district 83 **UTM** reference 12.545922.3739870

STRUCTURAL INFORMATION

main span number 1 main span type 311 402 appr. span number 7 appr. span type degree of skew guardrail type 162.0 steel two-hinge girder-ribbed deck arch superstructure main span length structure length 455.0 substructure concrete abutments and arch pedestals roadway width 44.0 floor/decking concrete deck over steel stringers

47.5 arch rib: riveted steel built-up plate girder w/ structure width other features angle flanges and web stiffeners; post: wide flange; floor beam: I-beam; decorative steel

pylons and guardrails

HISTORICAL INFORMATION

construction date 1934 designer/engineer Arizona Highway Department

FAP 99-E project number builder/contractor Lee Moor Contracting Company, El Paso TX information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1985 c1997 alterations guardrails and pylons repaired; twin bridge

constructed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

inventory score 77 NRHP eligibility listed

> NRHP criteria C x

signif. statement well-preserved, oldest example of rare structural type; pivotal

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Gila milepost 300.70

location 17.5 mi W Jct SR 73

city/vicinity Carrizo district 83

inventory number 04154 inventory route US 60

feature intersected Wash

USGS quadrangle Cibecue Creek
UTM reference 12.555750.3748456

STRUCTURAL INFORMATION

main span number 2
appr. span number 0
degree of skew 0
main span length 12.0
structure length 25.0

roadway width 0.0 structure width 0.0

main span type

appr. span type guardrail type

superstructure concrete box culvert

substructure

concrete abutments, wingwalls and pier

floor/decking asphalt roadway

other features steel Thrie beam guardrails

219

HISTORICAL INFORMATION

construction date 1935
project number FAP 99-H
information source ADOT bridge records

alteration date(s) 1954 ca1990

designer/engineer As

builder/contractor structure owner alterations Arizona Highway Department

O.F. Fisher Construction Co., Phoenix AZ Arizona Department of Transportation

barrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 06

NRHP eligibility non-eligible

NRHP criteria

B _____ C ___

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Flying V Wash Culvert

PROPERTY IDENTIFICATION

 $\begin{array}{cccc} \textbf{county} & \textbf{Gila} & \textbf{inventory number} & 04155 \\ \textbf{milepost} & 302.00 & \textbf{inventory route} & \textbf{US } 60 \\ \end{array}$

 location
 16.1 mi W Jct SR 73
 feature intersected
 Flying V Wash

 city/vicinity
 Carrizo
 USGS quadrangle
 Cibecue Creek

 district
 83
 UTM reference
 12.556733.3749815

STRUCTURAL INFORMATION

 $\begin{array}{lll} \text{main span number} & 2 & \text{main span type} & 219 \\ \text{appr. span number} & 0 & \text{appr. span type} & \end{array}$

degree of skew 27 guardrail type

main span length14.0superstructureconcrete box culvert

structure length 31.0 **substructure** concrete abutments, wingwalls and pier

roadway width 0.0 floor/decking asphalt roadway

 $\begin{array}{ccc} \textbf{structure width} & 0.0 & \textbf{other features} & \text{steel Thrie beam guardrails} \\ \end{array}$

HISTORICAL INFORMATION

construction date 1936 designer/engineer Arizona Highway Department

project number FAP 99-H builder/contractor O.F. Fisher Construction Co., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1954 ca1990 alterations barrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 10 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Gila inventory number 04156 304.50 milepost inventory route US 60 location 13.6 mi W Jct SR 73 feature intersected Wash city/vicinity Carrizo **USGS** quadrangle Carrizo

district 83 **UTM reference** 12.558748.3753168

STRUCTURAL INFORMATION

main span number2main span type219appr. span number0appr. span typedegree of skew35guardrail typemain span length14.0superstructureconcrete box culvert

structure length 35.0 substructure concrete abutments, wingwalls and pier

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date1936designer/engineerArizona Highway Departmentproject numberFAP 99-Hbuilder/contractorO.F. Fisher Construction Co.,

project number FAP 99-H builder/contractor O.F. Fisher Construction Co., Phoenix AZ information source ADOT bridge records alteration date(s) 1954 ca1990 alterations barrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 06 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Gila inventory number 04157 310.43 milepost inventory route US 60 location 7.7 mi W Jct SR 73 feature intersected Wash city/vicinity Carrizo **USGS** quadrangle Carrizo

district 83 **UTM reference** 12.561428.3755600

STRUCTURAL INFORMATION

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 21.0 **substructure** concrete abutments, wingwalls and pier

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1933 designer/engineer Arizona Highway Department

project number FAP 99-I builder/contractor

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 2000 **alterations** Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Gila inventory number 04158 314.21 milepost inventory route US 60 location 3.9 mi W Jct SR 73 feature intersected Wash city/vicinity Carrizo **USGS** quadrangle Carrizo

district 83 **UTM reference** 12.564474.3760417

STRUCTURAL INFORMATION

main span number 2 main span type 219
appr. span number 0 appr. span type

degree of skew 30 guardrail type

main span length10.0superstructureconcrete box culvert

structure length 24.0 substructure concrete abutments, wingwalls and pier roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date1953designer/engineerArizona Highway Departmentproject numberF-99(22)builder/contractorHarry J. Hagen, Globe AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 12 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Long Tom Canyon Culvert

PROPERTY IDENTIFICATION

 $\begin{array}{cccc} \textbf{county} & \textbf{Navajo} & \textbf{inventory number} & 06093 \\ \textbf{milepost} & 320.20 & \textbf{inventory route} & \textbf{US } 60 \\ \end{array}$

 location
 2.1 mi E Jct SR 73
 feature intersected
 Long Tom Canyon

 city/vicinity
 Carrizo
 USGS quadrangle
 Long Tom Canyon

 district
 83
 UTM reference
 12.570386.3765473

STRUCTURAL INFORMATION

main span number 2 main span type 319 appr. span number 0 appr. span type

degree of skew 0 guardrail type

main span length13.0superstructuresteel multiplate culvertstructure length32.0substructureearth fill between barrelsroadway width0.0floor/deckingasphalt roadway

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date1936designer/engineerArizona Highway Departmentproject numberFAP 105-Dbuilder/contractorHarry J. Hagen, Globe AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1953 alterations barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 09 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Side Hill Viaduct

PROPERTY IDENTIFICATION

county Navajo inventory number 00145 321.02 milepost inventory route US 60 location 2.6 mi W Jct SR 73 feature intersected Side Hill

city/vicinity Carrizo **USGS** quadrangle Long Tom Canyon district 83 **UTM** reference 12.570167.3766597

STRUCTURAL INFORMATION

main span number 8 main span type 201 appr. span number 0 appr. span type 6 degree of skew guardrail type

concrete transverse slab main span length 12.0 superstructure structure length 97.0 substructure concrete abutments, wingwalls and piers

roadway width 38.0 floor/decking asphalt roadway

steel Thrie beam guardrails 47.0 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1936 Arizona Highway Department FAP 105-D project number builder/contractor Harry J. Hagen, Globe AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations ca1990 Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

NRHP eligibility eligible inventory score

NRHP criteria

signif. statement well-preserved example of singular structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Cedar Canyon Bridge

PROPERTY	IDENTIFICATION
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county Navajo inventory number 00215 323.44 milepost inventory route US 60 location 5.3 mi E Jct SR 73 feature intersected Cedar Canyon city/vicinity Carrizo **USGS** quadrangle Long Tom Canyon district 83 **UTM** reference 12.572900.3768946

STRUCTURAL INFORMATION

main span number 1 main span type 311 402 appr. span number 3 appr. span type degree of skew guardrail type 180.0 steel two-hinge girder-ribbed deck arch superstructure main span length 283.0 structure length substructure concrete abutments and arch pedestals roadway width 46.0 floor/decking concrete deck over steel stringers 49.2 arch rib: riveted built-up plate girder w/ angle structure width other features flanges and web stiffeners; post: wide flange; lateral bracing: 1 angle; floor beam: I-beam;

HISTORICAL INFORMATION

construction date 1938 designer/engineer Arizona Highway Department FAP 105-E project number builder/contractor Pleasant-Hasler Construction Co., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1993 alterations substructure extended to one side and twin bridge moved to this location

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

decorative steel pylons and guardrails

inventory score 40 NRHP eligibility listed

NRHP criteria A x B C x

signif. statement outstanding example of rare structural type, essentially

reconstructed

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537 May 2009

lay 2009

Skiddy Creek Culvert

PROPERTY IDENTIFICATION

county Navajo inventory number 04159 milepost 334.63 inventory route US 60 location 16.5 mi E Jct SR 73 feature intersected Skiddy Creek city/vicinity Show Low **USGS** quadrangle Show Low South district 83 **UTM** reference 12.583403.3782575

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type degree of skew guardrail type concrete box culvert 10.0 superstructure main span length structure length 24.0 substructure concrete abutments, wingwalls and pier floor/decking roadway width 0.0 asphalt roadway 0.0 none structure width other features

HISTORICAL INFORMATION

 construction date
 1938
 designer/engineer
 Arizona Highway Department

 project number
 FAP 105-F
 builder/contractor

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

 alteration date(s)
 1979
 alterations
 barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00

NRHP eligibility non-eligible

NRHP criteria A ______ B ____ C ____

signif. statement typical, relatively late example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Showlow Creek Bridge

PROPERTY IDENTIFICATION

 $\begin{array}{cccc} \textbf{county} & Navajo & \textbf{inventory number} & 00383 \\ \textbf{milepost} & 341.68 & \textbf{inventory route} & US \ 60 \\ \end{array}$

 location
 2.5 mi W Jct SR 77
 feature intersected
 Showlow Creek

 city/vicinity
 Show Low
 USGS quadrangle
 Show Low North

 district
 83
 UTM reference
 12.589573.3790814

STRUCTURAL INFORMATION

main span length 36.0 superstructure concrete deck girder structure length 72.0 substructure concrete abutments, wingwalls and pier

roadway width 90.0 floor/decking concrete deck with asphalt overlay

structure width 100.0 other features aluminum tubular guardrails over concrete curbs

HISTORICAL INFORMATION

construction date 1938 designer/engineer Arizona Highway Department

project numberFHP 30builder/contractorPackard Contracting Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)19521986alterationsdeck widened; guardrails replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 20 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

countyNavajoinventory number04160milepost343.63inventory routeUS 60location1.4 mi East of Jct SR 77feature intersectedWash

city/vicinityShow LowUSGS quadrangleSilver Springsdistrict83UTM reference12.592482.3791524

STRUCTURAL INFORMATION

structure length 21.0 substructure concrete abutments, wingwalls and pier

roadway width 0.0 floor/decking asphalt roadway

 $\begin{array}{ccc} \text{structure width} & 0.0 & \text{other features} & \text{none} \end{array}$

HISTORICAL INFORMATION

construction date 1937 designer/engineer Arizona Highway Department

 project number
 NFA 105-B
 builder/contractor
 Packard Contracting Company, Phoenix AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) 1952 1993 alterations barrels extended, twice

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 06 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

BRIDGE INVENTORY HISTORIC

Rocky Arroyo Bridge

PROPERTY IDENTIFICATION

county Navajo inventory number 00384 347.01 milepost inventory route US 60 location 6.0 mi W Jct SR 61 feature intersected Rocky Arroyo city/vicinity Vernon **USGS** quadrangle Silver Springs district 83 **UTM** reference 12.597848.3792413

STRUCTURAL INFORMATION

main span number 3 main span type 104 appr. span number 0 appr. span type 9 degree of skew guardrail type 36.0 superstructure concrete deck girder main span length structure length 108.0 substructure concrete abutments, wingwalls and piers roadway width 34.0 floor/decking concrete deck with asphalt overlay concrete Jersey barrier guardrails with Thrie beams 38.3

other features

HISTORICAL INFORMATION

structure width

construction date designer/engineer 1936 Arizona Highway Department FHP 30-C project number builder/contractor Rogers Brothers, Snowflake AZ information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1952 1993 alterations deck widened; guardrails replaced with Jersey barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form inventory score 17 NRHP eligibility non-eligible **NRHP** criteria C

signif. statement typical, relatively late example of common structural type,

at approaches

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

countyNavajoinventory number04161milepost347.71inventory routeUS 60location5.3 mi W Jct SR 61feature intersectedWash

city/vicinityVernonUSGS quadrangleSilver Springsdistrict83UTM reference12.598940.3792657

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type degree of skew guardrail type concrete box culvert main span length 10.0 superstructure 21.0 structure length substructure concrete abutments, wingwalls and pier 0.0 floor/decking roadway width asphalt roadway

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date1937designer/engineerArizona Highway Departmentproject numberNFA 105-Bbuilder/contractorPackard Contracting Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)19521993alterationsbarrels extended, twice

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 06 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

countyNavajoinventory number04162milepost348.16inventory routeUS 60location4.7 mi W Jct SR 61feature intersectedWash

city/vicinityVernonUSGS quadrangleSilver Springsdistrict83UTM reference12.599670.3792817

STRUCTURAL INFORMATION

main span number2main span type219appr. span number0appr. span typedegree of skew0guardrail typemain span length10.0superstructureconcrete box culvertstructure length21.0substructureconcrete abutments, wingwalls and pier

HISTORICAL INFORMATION

construction date 1937 designer/engineer Arizona Highway Department

project number NFA 105-B builder/contractor Packard Contracting Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1952 1993 alterations barrels extended, twice

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 06 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Apache inventory number 04165 363.68 milepost inventory route US 60 location 10.7 mi E Jct SR 61 feature intersected Wash city/vicinity Vernon **USGS** quadrangle Vernon

district 83 **UTM reference** 12.624242.3792986

STRUCTURAL INFORMATION

structure length 32.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date 1937 designer/engineer Arizona Highway Department

 project number
 WPH 105-B
 builder/contractor
 Packard Contracting Company, Phoenix AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) 1988 1993 alterations barrels extended, twice

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 07 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

BRIDGE INVENTORY HISTORIC

Culvert

PROPERTY IDENTIFICATION

county Apache inventory number 04168 369.31 milepost inventory route US 60 location 15.1 mi W Jct US 180 feature intersected Wash city/vicinity Vernon **USGS** quadrangle Cerro Hueco

district 83 **UTM** reference 12.631074.3792483

STRUCTURAL INFORMATION

main span number 3 main span type 219 appr. span number 0 appr. span type degree of skew guardrail type concrete box culvert main span length 10.0 superstructure structure length 32.0 substructure concrete abutments, wingwalls and piers

floor/decking roadway width 0.0 asphalt roadway 0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1937 Arizona Highway Department WPH 105-C project number builder/contractor O.F. Fisher Construction Co., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

inventory score 17 NRHP eligibility non-eligible

NRHP criteria В C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Wildcat Wash Bridge

PROPERTY IDENTIFICATION

county Apache inventory number 00181 371.74 milepost inventory route US 60 location 12.7 mi E Jct US 180 feature intersected Wildcat Wash city/vicinity Vernon **USGS** quadrangle Cerro Hueco district 83 **UTM** reference 12.633097.3791965

STRUCTURAL INFORMATION

main span number 3 main span type 402 appr. span number 0 appr. span type 6 degree of skew guardrail type steel I-beam stringer main span length 60.0 superstructure structure length 133.0 substructure concrete abutments, wingwalls and spill-through 24.0 concrete deck with asphalt overlay roadway width floor/decking structure width 26.0 other features concrete Jersey barrier guardrails with Thrie beams at approaches

HISTORICAL INFORMATION

construction date1937designer/engineerArizona Highway Departmentproject numberWPH 105-Cbuilder/contractorO.F. Fisher Construction Co., Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)ca2000alterationsguardrails replaced with Jersey barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

Inventory score 31

NRHP eligibility non-eligible

NRHP criteria A _____ B ___ C ____

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

city/vicinitySpringervilleUSGS quadrangleWhiting Knolldistrict83UTM reference12.636865.3789870

STRUCTURAL INFORMATION

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 21.0 substructure concrete abutments, wingwalls and pier

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 other features none

HISTORICAL INFORMATION

NATIONAL REGISTER EVALUATION

construction date 1937 designer/engineer Arizona Highway Department

project numberWPH 105-Cbuilder/contractorO.F. Fisher Construction Co., Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) alterations

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 16 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

 county
 Apache
 inventory number
 04170

 milepost
 375.89
 inventory route
 US 60

 location
 8.6 mi W Jct US 180
 feature intersected
 Wash

city/vicinitySpringervilleUSGS quadrangleSpringerville NWdistrict83UTM reference12.638285.3789120

STRUCTURAL INFORMATION

structure length 21.0 **substructure** concrete abutments, wingwalls and pier

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date 1937 designer/engineer Arizona Highway Department

project number WPH 105-C builder/contractor O.F. Fisher Construction Co., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 16 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

city/vicinitySpringervilleUSGS quadrangleSpringerville NWdistrict83UTM reference12.643588.3786828

STRUCTURAL INFORMATION

structure length 36.0 substructure concrete abutments, wingwalls and pier

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date 1937 designer/engineer Arizona Highway Department

project numberWPH 105-Cbuilder/contractorO.F. Fisher Construction Co., Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 16 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Little Colorado River Bridge

PROPERTY IDENTIFICATION

 $\begin{array}{cccc} \textbf{county} & \textbf{Apache} & \textbf{inventory number} & 00414 \\ \textbf{milepost} & 386.78 & \textbf{inventory route} & \textbf{US } 60 \\ \end{array}$

location 2.3 mi E Jct US 180 feature intersected Little Colorado River

city/vicinitySpringervilleUSGS quadrangleSpringervilledistrict83UTM reference12.657216.3779724

STRUCTURAL INFORMATION

main span number 3 main span type 201 appr. span number 0 appr. span type 5 degree of skew guardrail type concrete slab 30.0 superstructure main span length structure length 81.0 substructure concrete abutments, wingwalls and piers roadway width 40.0 floor/decking concrete deck with asphalt overlay

other features

HISTORICAL INFORMATION

structure width

45.0

construction date 1954 designer/engineer Arizona Highway Department
project number F-68(5) builder/contractor United Contractors Inc., Phoenix AZ
information source ADOT bridge records structure owner Arizona Department of Transportation
alteration date(s) ca1990 alterations Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

steel baluster guardrails with Thrie beams

inventory score 31 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Picnic Creek Culvert

PROP	ERTY	IDEN	TIFIC	ATION
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county Apache inventory number 04171 389.82 milepost inventory route US 60 location 5.4 mi E Jct US 180 feature intersected Picnic Creek city/vicinity Springerville **USGS** quadrangle Springerville district 83 **UTM** reference 12.661280.3778210

STRUCTURAL INFORMATION

main span number 3 main span type 219 appr. span number 0 appr. span type degree of skew guardrail type 10.0 concrete box culvert superstructure main span length structure length 37.0 substructure concrete abutments, wingwalls and piers floor/decking roadway width 0.0 asphalt roadway 0.0 none structure width other features

HISTORICAL INFORMATION

 construction date
 1962
 designer/engineer
 Arizona Highway Department

 project number
 F-026-2(2)
 builder/contractor
 Fisher Contracting Company, Phoenix AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

 alteration date(s)
 alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

Inventory score 09

NRHP eligibility non-eligible

NRHP criteria A B C Signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Apache inventory number 04172 395.46 milepost inventory route US 60 location 11.0 mi E Jct US 180 feature intersected Wash city/vicinity Springerville **USGS** quadrangle Covote Hills district 83 **UTM** reference 12.669762.3780532

STRUCTURAL INFORMATION

structure length 32.0 substructure concrete abutments, wingwalls and piers

roadway width 55.5 floor/decking asphalt roadway

structure width 57.5 other features none

HISTORICAL INFORMATION

construction date 1962 designer/engineer Arizona Highway Department

project numberF-026-2(2)builder/contractorFisher Contracting Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 09 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

city/vicinitySpringervilleUSGS quadrangleNelson Reservoir NEdistrict83UTM reference12.673381.3781130

STRUCTURAL INFORMATION

main span number 4 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type 10.0 concrete box culvert main span length superstructure 51.0 structure length substructure concrete abutments, wingwalls and piers

roadway width0.0floor/deckingasphalt roadwaystructure width0.0other featuresnone

HISTORICAL INFORMATION

construction date 1962 designer/engineer Arizona Highway Department

project numberNF-026-2(501)builder/contractorFisher Contracting Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 08 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Cottonwood Canyon Culvert

PROPERTY	IDENTIFICATION
-----------------	-----------------------

 $\begin{array}{cccc} \textbf{county} & \textbf{Apache} & \textbf{inventory number} & 04174 \\ \textbf{milepost} & 400.31 & \textbf{inventory route} & \textbf{US} \ 60 \\ \end{array}$

location15.9 mi E Jct US 180feature intersectedCottonwood Canyoncity/vicinitySpringervilleUSGS quadrangleNelson Reservoir NEdistrict83UTM reference12.677480.3781800

STRUCTURAL INFORMATION

 $\begin{array}{lllll} \text{main span number} & 4 & \text{main span type} & 219 \\ \text{appr. span number} & 0 & \text{appr. span type} \\ \text{degree of skew} & 0 & \text{guardrail type} \end{array}$

main span length 10.0 superstructure concrete box culvert

structure length 43.0 **substructure** concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date 1962 designer/engineer Arizona Highway Department

project numberNF-026-2(501)builder/contractorFisher Contracting Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 10 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

city/vicinitySpringervilleUSGS quadrangleNelson Reservoir NEdistrict83UTM reference12.678140.3781906

STRUCTURAL INFORMATION

structure length 30.0 substructure concrete abutments, wingwalls and pier

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date 1962 designer/engineer Arizona Highway Department

project numberNF-026-2(501)builder/contractorFisher Contracting Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 08 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Concho Creek Culvert

PROPERTY	IDENTIFICATION
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county Apache inventory number 05085 372.42 milepost inventory route SR 61 location 0.1 mi East of Jct SA 180 feature intersected Concho Creek city/vicinity Concho **USGS** quadrangle Concho

district 83 **UTM reference** 12.628423.3815828

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type degree of skew guardrail type concrete box culvert main span length 12.0 superstructure structure length 29.0 substructure concrete abutments, wingwalls and pier floor/decking roadway width 0.0 asphalt roadway 0.0 none structure width other features

HISTORICAL INFORMATION

 construction date
 1954
 designer/engineer
 Arizona Highway Department

 project number
 NF-78-A
 builder/contractor
 Royden Construction Company, Phoenix AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

 alteration date(s)
 alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

Inventory score 12

NRHP eligibility non-eligible

NRHP criteria A B C Signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Apache inventory number 05086 374.04 milepost inventory route SR 61 location 2.1 mi East of Jct SA 180 feature intersected Wash city/vicinity Concho **USGS** quadrangle Concho

district 83 **UTM reference** 12.630683.3816916

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type degree of skew guardrail type concrete box culvert main span length 10.0 superstructure 21.0 structure length substructure concrete abutments, wingwalls and pier 0.0 floor/decking roadway width asphalt roadway

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date1954designer/engineerArizona Highway Departmentproject numberNF-78-Abuilder/contractorRoyden Construction Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 12 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Apache inventory number 05087 374.25 milepost inventory route SR 61 location 2.0 mi E of Jct SR 180A feature intersected Wash city/vicinity Concho **USGS** quadrangle Concho

district 83 **UTM reference** 12.631043.3816742

STRUCTURAL INFORMATION

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 24.0 substructure concrete abutments, wingwalls and pier roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 other features none

HISTORICAL INFORMATION

 construction date
 1954
 designer/engineer
 Arizona Highway Department

 project number
 NF-78-A
 builder/contractor
 Royden Construction Company, Phoenix AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 12 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Red Lake Wash Culvert

PROPERTY IDENTIFICATION

county Coconino inventory number 04179 193.70 milepost inventory route SR 64

location 8.4 mi N Jct I 40 feature intersected Red Lake Wash city/vicinity Red Lake **USGS** quadrangle Howard Mesa district 85 **UTM** reference 12.394345.3915078

STRUCTURAL INFORMATION

main span number 5 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

structure length 55.0 substructure concrete abutments, wingwalls and piers

0.0 floor/decking roadway width asphalt roadway 0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1936 Arizona Highway Department FHP 2-D(3) project number builder/contractor Morrison-Knudsen, Boise ID

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1946 barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score 07

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

city/vicinityBerryUSGS quadrangleRattlesnake Hilldistrict86UTM reference12.228386.3904222

STRUCTURAL INFORMATION

structure length 54.0 substructure concrete abutments, wingwalls and piers

roadway width 52.5 floor/decking asphalt roadway

structure width 54.5 other features none

HISTORICAL INFORMATION

construction date 1936 designer/engineer Arizona Highway Department

project number NRH 80-G builder/contractor Lee Moor Contracting Company, El Paso TX information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1968 **alterations** one barrel added

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 11 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

city/vicinityBerryUSGS quadrangleKingman Airportdistrict86UTM reference12.229736.3905824

STRUCTURAL INFORMATION

structure length 87.0 substructure concrete abutments, wingwalls and piers

roadway width 28.0 floor/decking asphalt roadway

structure width 30.0 other features none

HISTORICAL INFORMATION

construction date 1936 designer/engineer Arizona Highway Department

project number NRH 80-G builder/contractor Lee Moor Contracting Company, El Paso TX information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1944 **alterations** two barrels added

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 14 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

 county
 Mohave
 inventory number
 04213

 milepost
 62.04
 inventory route
 SR 66

 location
 5.4 mi E Jct I 40
 feature intersected
 Wash

city/vicinityBerryUSGS quadrangleKingman Airportdistrict86UTM reference12.231485.3907935

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert structure length 43.0 substructure concrete abutments, wingwalls and piers

roadway width 44.0 floor/decking asphalt roadway

structure width 50.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

 construction date
 1936
 designer/engineer
 Arizona Highway Department

 project number
 NRH 80-G
 builder/contractor
 Lee Moor Contracting Compar

project number NRH 80-G builder/contractor Lee Moor Contracting Company, El Paso TX information source ADOT bridge records alteration date(s) 1970 ca1990 alterations barrels extended; Thrie beam guardrails installed

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NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 10 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

city/vicinityBerryUSGS quadrangleKingman Airportdistrict86UTM reference12.232013.3908555

STRUCTURAL INFORMATION

structure length 98.0 substructure concrete abutments, wingwalls and piers

roadway width 48.0 floor/decking asphalt roadway

structure width 50.0 other features steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date designer/engineer 1936 Arizona Highway Department NRH 80-G project number builder/contractor Lee Moor Contracting Company, El Paso TX information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) ca1990 alterations 1944 1971 barrels added and extended; Thrie beam

guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 15 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

Culvert

PROPERTY IDENTIFICATION

city/vicinityBerryUSGS quadrangleKingman Airportdistrict86UTM reference12.233013.3909740

STRUCTURAL INFORMATION

structure length 43.0 substructure concrete abutments, wingwalls and piers

roadway width 48.0 floor/decking asphalt roadway

structure width 50.0 other features steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1934 designer/engineer Arizona Highway Department

project numberNRH 80-Gbuilder/contractorStrong & Grant & A.O. Thorn, Springville UTinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1971 ca1990 2001alterationsbarrels extended; scour protection built; Thrie

beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 06 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

Culvert

PROPERTY IDENTIFICATION

city/vicinityBerryUSGS quadrangleKingman Airportdistrict86UTM reference12.233412.3910215

STRUCTURAL INFORMATION

structure length 21.0 substructure concrete abutments, wingwalls and pier

roadway width 48.0 floor/decking asphalt roadway

structure width 50.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1934 designer/engineer Arizona Highway Department

project numberNRH 80-Gbuilder/contractorLee Moor Contracting Company, El Paso TXinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1971ca1990alterationsbarrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 08 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

city/vicinityWalapaiUSGS quadrangleKingman Airportdistrict86UTM reference12.234866.3911950

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert structure length 32.0 substructure concrete abutments, wingwalls and piers

roadway width 48.0 floor/decking asphalt roadway

structure width 50.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

 construction date
 1934
 designer/engineer
 Arizona Highway Department

 project number
 NRH 80-G
 builder/contractor
 Lee Moor Contracting Company, El Paso TX

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1971 ca1990 2001 alterations barrels extended; Thrie beam guardrails installed;

scour protection built

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 09 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

Culvert

PROPERTY IDENTIFICATION

city/vicinityWalapaiUSGS quadrangleKingman Airportdistrict86UTM reference12.235215.3912390

STRUCTURAL INFORMATION

structure length 32.0 substructure concrete abutments, wingwalls and piers

roadway width 48.0 floor/decking asphalt roadway

structure width 50.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1934 designer/engineer Arizona Highway Department
project number NRH 80-G builder/contractor Lee Moor Contracting Compa

project numberNRH 80-Gbuilder/contractorLee Moor Contracting Company, El Paso TXinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1971ca1990alterationsbarrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 09 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

city/vicinityWalapaiUSGS quadrangleKingman Airportdistrict86UTM reference12.235883.3913190

STRUCTURAL INFORMATION

structure length 43.0 substructure concrete abutments, wingwalls and piers

roadway width 48.0 floor/decking asphalt roadway

structure width 50.0 other features steel Thrie beam guardrails

HISTORICAL INFORMATION

 construction date
 1934
 designer/engineer
 Arizona Highway Department

 project number
 NRH 80-G
 builder/contractor
 Strong & Grant & A.O. Thorn, Springville UT

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1971 ca1990 2001 alterations barrels extended; Thrie beam guardrails installed;

scour protection built

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 06 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

BRIDGE INVENTORY HISTORIC

Culvert

PROPERTY IDENTIFICATION

county Mohave inventory number 04220 68.68 milepost inventory route SR 66 location 12.0 mi NE Jct I 40 feature intersected Wash

city/vicinity Kingman **USGS** quadrangle Kingman Airport district **UTM** reference 12.238362.3916154

STRUCTURAL INFORMATION

main span number 3 main span type 219 appr. span number 0 appr. span type 6 degree of skew guardrail type concrete box culvert main span length 10.0 superstructure

structure length 32.0 substructure concrete abutments, wingwalls and piers

roadway width 48.0 floor/decking asphalt roadway

steel Thrie beam guardrails 50.0 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1936 Arizona Highway Department NRH 80-G project number builder/contractor

Lee Moor Contracting Company, El Paso TX information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations

1971 ca1990 barrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score 09

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

city/vicinityKingmanUSGS quadrangleKingman Airportdistrict86UTM reference12.238580.3916418

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert structure length 32.0 substructure concrete abutments, wingwalls and piers

roadway width 48.0 floor/decking asphalt roadway

structure width 50.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1936 designer/engineer Arizona Highway Department

 project number
 NRH 80-G
 builder/contractor
 Lee Moor Contracting Company, El Paso TX

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) 1971 alterations barrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 09 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

 county
 Mohave
 inventory number
 04222

 milepost
 69.86
 inventory route
 SR 66

 location
 13.2 mi NE Jct I 40
 feature intersected
 Wash

city/vicinityKingmanUSGS quadranglePeacock Peakdistrict86UTM reference12.239530.3917590

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert structure length 64.0 substructure concrete abutments, wingwalls and piers

roadway width 48.0 floor/decking asphalt roadway

structure width 50.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1936 designer/engineer Arizona Highway Department

 project number
 NRH 80-G
 builder/contractor
 Lee Moor Contracting Company, El Paso TX

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) 1971 alterations barrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 12 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Mohave inventory number 04223 70.47 milepost inventory route SR 66 location 13.8 mi NE Jct I 40 feature intersected Wash city/vicinity Hackberry **USGS** quadrangle Antares

district 86 **UTM reference** 12.240170.3918350

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert structure length 32.0 substructure concrete abutments, wingwalls and piers

roadway width 48.0 floor/decking asphalt roadway

structure width 50.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1936 designer/engineer Arizona Highway Department

 project number
 NRH 80-G
 builder/contractor
 Lee Moor Contracting Company, El Paso TX

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) 1971 alterations barrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 09 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537 May 2009

lay 2009

BRIDGE INVENTORY HISTORIC

Culvert

PROPERTY IDENTIFICATION

county Mohave inventory number 04224 70.90 milepost inventory route SR 66 location 14.3 mi NE Jct I 40 feature intersected Wash city/vicinity Antares **USGS** quadrangle Antares

district 86 **UTM** reference 12.240636.3918896

STRUCTURAL INFORMATION

main span number 3 main span type 219 appr. span number 0 appr. span type 6 degree of skew guardrail type 10.0 superstructure

concrete box culvert main span length structure length 32.0 substructure concrete abutments, wingwalls and piers

roadway width 43.0 floor/decking asphalt roadway

steel Thrie beam guardrails 51.0 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1936 Arizona Highway Department

NRH 80-G project number builder/contractor Lee Moor Contracting Company, El Paso TX information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1971 ca1990 barrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score 09

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Mohave inventory number 04225 73.09 milepost inventory route SR 66 location 16.4 mi NE Jct I 40 feature intersected Wash city/vicinity Hackberry **USGS** quadrangle Antares

district 86 **UTM reference** 12.242875.3921580

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert structure length 21.0 substructure concrete abutments, wingwalls and pier

roadway width 48.2 floor/decking asphalt roadway

structure width 52.7 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1936 designer/engineer Arizona Highway Department

 project number
 NRH 80-G
 builder/contractor
 Lee Moor Contracting Company, El Paso TX

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) 1973 alterations barrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 08 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Mohave inventory number 04226 75.82 milepost inventory route SR 66 location 19.2 mi NE Jct I 40 feature intersected Wash city/vicinity Hackberry **USGS** quadrangle Antares

district 86 **UTM reference** 12.246625.3922677

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert structure length 21.0 substructure concrete abutments, wingwalls and pier

roadway width 50.0 floor/decking asphalt roadway

structure width 52.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1936 designer/engineer Arizona Highway Department

 project number
 NRH 80-G
 builder/contractor
 Lee Moor Contracting Company, El Paso TX

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) 1973 alterations barrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 08 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Mohave inventory number 04227 75.90 milepost inventory route SR 66 location 19.3 mi NE Jct I 40 feature intersected Wash city/vicinity Hackberry **USGS** quadrangle Antares

district 86 **UTM reference** 12.246716.3922637

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert structure length 21.0 substructure concrete abutments, wingwalls and pier

roadway width 50.0 floor/decking asphalt roadway

structure width 52.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1936 designer/engineer Arizona Highway Department

 project number
 NRH 80-G
 builder/contractor
 Lee Moor Contracting Company, El Paso TX

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) 1973 alterations barrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 08 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

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Clayton B. Fraser, Principal

Hackberry Wash Bridge

PROPERTY IDENTIFICATION

county Mohave inventory number 00738 80.10 milepost inventory route SR 66

location 23.5 mi E Jct I 40 feature intersected Hackberry Wash city/vicinity Hackberry **USGS** quadrangle Valentine

district **UTM** reference 12.252130.3918588

STRUCTURAL INFORMATION

main span number 4 main span type 402 appr. span number 0 appr. span type 3 degree of skew 45 guardrail type

96.0 superstructure steel I-beam stringer main span length

structure length 351.0 substructure concrete abutments, wingwalls and piers

roadway width 30.0 floor/decking concrete deck

concrete Jersey barrier guardrails with Thrie beams 35.5 structure width other features

at approaches

HISTORICAL INFORMATION

construction date designer/engineer 1962 Arizona Highway Department

NF-008-2(61) project number builder/contractor Tanner Brothers Construction Co., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1980 guardrails replaced with Jersey barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

BRIDGE INVENTORY HISTORIC

Culvert

PROPERTY IDENTIFICATION

county Mohave inventory number 04229 80.51 milepost inventory route SR 66 location 23.9 mi E Jct I 40 feature intersected Wash city/vicinity Hackberry **USGS** quadrangle Valentine

district **UTM** reference 12.252678.3917938

STRUCTURAL INFORMATION

main span number 3 main span type 219 appr. span number 0 appr. span type degree of skew guardrail type 10.0 concrete box culvert main span length superstructure structure length 37.0 substructure concrete abutments, wingwalls and piers floor/decking roadway width 0.0 asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1962 Arizona Highway Department NF-008-2(61) project number builder/contractor Tanner Brothers Construction Co., Phoenix AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

inventory score 09 NRHP eligibility non-eligible

> NRHP criteria В C

signif. statement typical, relatively late example of common structural type

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Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Mohave inventory number 04230 81.90 milepost inventory route SR 66 location 25.3 mi E Jct I 40 feature intersected Wash city/vicinity Hackberry **USGS** quadrangle Hackberry

district 86 **UTM reference** 12.254324.3916760

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert

structure length 21.0 **substructure** concrete abutments, wingwalls and pier

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

 $\begin{array}{ccc} \text{structure width} & 0.0 & \text{other features} & \text{none} \end{array}$

HISTORICAL INFORMATION

 construction date
 1932
 designer/engineer
 Arizona Highway Department

 project number
 FAP 80-E
 builder/contractor
 Martter & Bock, Los Angeles CA

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) 1962 alterations barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 08 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Mohave inventory number 04231 84.94 milepost inventory route SR 66 location 28.3 mi E Jct I 40 feature intersected Wash city/vicinity Valentine **USGS** quadrangle Valentine

district 86 **UTM reference** 12.258114.3918690

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert structure length 43.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1933 designer/engineer Arizona Highway Department

project number FAP 80-F builder/contractor Martin Brothers Trucking Co., Long Beach CA information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1962 ca1990 alterations barrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 06 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Wash Bridge

PROPERTY IDENTIFICATION

county Mohave inventory number 00192 87.91 milepost inventory route SR 66 location 31.3 mi E Jct I 40 feature intersected Wash city/vicinity Crozier **USGS** quadrangle Valentine

district 86 **UTM reference** 12.259520.3923098

STRUCTURAL INFORMATION

main span number 3 main span type 402 appr. span number 0 appr. span type degree of skew 30 guardrail type 3

main span length 44.0 superstructure steel I-beam stringer

structure length 115.0 substructure concrete abutments, wingwalls and piers

 ${\bf roadway\ width} \qquad \qquad 40.0 \qquad \qquad {\bf floor/decking} \qquad \qquad {\bf concrete\ deck}$

structure width 45.3 other features concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date 1937 designer/engineer Arizona Highway Department

project number WPGH 118-A builder/contractor George W. Orr, Holbrook AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1962 2000 alterations deck widened; guardrails replaced with Jersey

barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 20 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Mohave inventory number 04233 89.00 milepost inventory route SR 66 location 32.4 mi E Jct I 40 feature intersected Wash city/vicinity Crozier **USGS** quadrangle Valentine

district 86 **UTM reference** 12.259776.3924793

STRUCTURAL INFORMATION

structure length 49.0 **substructure** concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 other features steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date1962designer/engineerArizona Highway Departmentproject numberNF-008-2(502)builder/contractorVinnell Company Inc., Alhambra CAinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)ca1990alterationsThrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

 $\begin{array}{ccc} \text{inventory score} & 00 & \text{NRHP eligibility} & \text{non-eligible} \end{array}$

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Mohave inventory number 04234 90.57 milepost inventory route SR 66 location 33.9 mi E Jct I 40 feature intersected Wash city/vicinity Valentine **USGS** quadrangle Valentine

district 86 **UTM reference** 12.261562.3926540

STRUCTURAL INFORMATION

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length43.0substructureconcrete abutments, wingwalls and piersroadway width0.0floor/deckingasphalt roadway

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date1935designer/engineerArizona Highway Departmentproject numberNRH 80-Jbuilder/contractorPearson & Dickerson, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1963alterationsbarrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 08 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Wash Bridge

PROPERTY IDENTIFICATION

county Mohave inventory number 00141 91.61 milepost inventory route SR 66 location 35.0 mi E Jct I 40 feature intersected Wash city/vicinity Truxton **USGS** quadrangle Truxton

district 86 **UTM reference** 12.263008.3927352

STRUCTURAL INFORMATION

main span length 36.0 superstructure steel I-beam stringer

structure length 110.0 substructure concrete abutments, wingwalls and piers roadway width 41.0 floor/decking concrete deck with asphalt overlay

structure width 46.2 other features concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date designer/engineer 1935 Arizona Highway Department NRH 80-J project number builder/contractor Pearson & Dickerson, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations 1964 2000 deck widened; guardrails replaced with Jersey

barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 17 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Wash Bridge

PROPERTY IDENTIFICATION

county Mohave inventory number 00134 92.37 milepost inventory route SR 66 location 35.8 mi E Jct I 40 feature intersected Wash city/vicinity Truxton **USGS** quadrangle Truxton

district 86 **UTM reference** 12.264073.3927947

STRUCTURAL INFORMATION

structure length 110.0 substructure concrete abutments, wingwalls and piers

roadway width 41.3 floor/decking concrete deck with asphalt overlay

structure width 46.5 **other features** concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date designer/engineer 1935 Arizona Highway Department NRH 80-J project number builder/contractor Pearson & Dickerson, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations 1964 2000 deck widened; guardrails replaced with Jersey

barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 19 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537 May 2009

lay 2009

Culvert

	IDENTIFICATION
FRUFERII	IDENTIFICATION

county Mohave inventory number 04235 93.32 milepost inventory route SR 66 location 36.7 mi E Jct I 40 feature intersected Wash city/vicinity Truxton **USGS** quadrangle Truxton

district 86 **UTM reference** 12.265410.3928688

STRUCTURAL INFORMATION

structure length 32.0 **substructure** concrete abutments, wingwalls and piers

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date1935designer/engineerArizona Highway Departmentproject numberNRH 80-Jbuilder/contractorPearson & Dickerson, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1962alterationsbarrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 07 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Truxton Wash Bridge

county Mohave inventory number 00142 95.02 milepost inventory route SR 66

location 38.3 mi E Jct I 40 feature intersected Truxton Wash city/vicinity Truxton **USGS** quadrangle Truxton

district 86 **UTM** reference 12.267765.3930014

STRUCTURAL INFORMATION

main span number 3 main span type 302 appr. span number 0 appr. span type 9 degree of skew guardrail type

36.0 superstructure steel I-beam stringer main span length structure length 110.0 substructure concrete abutments, wingwalls and piers roadway width 41.5 floor/decking concrete deck with asphalt overlay

concrete Jersey barrier guardrails with Thrie beams 46.5 structure width other features

at approaches

HISTORICAL INFORMATION

construction date designer/engineer 1935 Arizona Highway Department NRH 80-J project number builder/contractor Pearson & Dickerson, Phoenix AZ structure owner information source ADOT bridge records Arizona Department of Transportation alteration date(s) 2000 alterations 1962 1996 deck widened; guardrails replaced with Jersey barriers; scour protection built

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 17 NRHP eligibility non-eligible

> **NRHP** criteria C

signif. statement typical, relatively late example of common structural type,

altered

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Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

countyMohaveinventory number06077milepost104.15inventory routeSR 66location47.5 mi E Jct I 40feature intersectedWash

city/vicinityPeach SpringsUSGS quadranglePeach Springsdistrict86UTM reference12.280634.3935212

STRUCTURAL INFORMATION

main span number2main span type219appr. span number0appr. span typedegree of skew34guardrail typemain span length8.0superstructureconcrete box culvertstructure length21.0substructureconcrete abutments, wingwalls and pier

roadway width0.0floor/deckingasphalt roadwaystructure width0.0other featuressteel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1963 designer/engineer Arizona Highway Department

project numberNF-008-2(501)builder/contractorFisher Contracting Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)ca1990alterationsThrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Mohave inventory number 04236 109.02 milepost inventory route SR 66 30.9 mi NW Jct I 40 location feature intersected Wash city/vicinity Nelson **USGS** quadrangle Nelson

district 86 **UTM reference** 12.287997.3936888

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert

structure length64.0substructureconcrete abutments, wingwalls and piersroadway width49.0floor/deckingasphalt roadway

structure width 51.0 other features none

HISTORICAL INFORMATION

construction date 1962 designer/engineer Arizona Highway Department

project number NF-008-2(61) builder/contractor Tanner Brothers Construction Co., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 12 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

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Clayton B. Fraser, Principal

Culvert

DEDTY	IDENTIFI	CATION

county Yavapai inventory number 04239 121.27 milepost inventory route SR 66 location 18.7 mi W Jct I 40 feature intersected Wash city/vicinity Yampai **USGS** quadrangle Yampai

district 86 **UTM reference** 12.305260.3928843

STRUCTURAL INFORMATION

 $\begin{array}{lll} \text{main span number} & 2 & \text{main span type} & 219 \\ \text{appr. span number} & 0 & \text{appr. span type} \end{array}$

degree of skew 0 guardrail type

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 21.0 **substructure** concrete abutments, wingwalls and pier

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

structure width 0.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

 construction date
 1936
 designer/engineer
 Arizona Highway Department

 project number
 FAP 80-I
 builder/contractor
 Skousen Brothers, Albuquerque NM

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) 1972 **alterations** barrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 04 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Chaparral Wash Culvert

PROPERTY IDENTIFICATION

district 88 **UTM reference** 12.385710.3818487

STRUCTURAL INFORMATION

 $\begin{array}{lll} \text{main span number} & 4 & \text{main span type} & 219 \\ \text{appr. span number} & 0 & \text{appr. span type} \end{array}$

degree of skew 0 guardrail type

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 43.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

 $\begin{array}{ccc} \textbf{structure width} & 0.0 & \textbf{other features} & \text{steel Thrie beam guardrails} \\ \end{array}$

HISTORICAL INFORMATION

construction date1954designer/engineerArizona Highway Departmentproject numberS-38(8)builder/contractorWallace & Wallace, Phoenix AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1994 alterations barrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 04 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Green Gulch Culvert

PROPERTY IDENTIFICATION

county Yavapai inventory number 04270 279.91 milepost inventory route SR 69 location 17.1 mi W Jct I 17 feature intersected Green Gulch city/vicinity Humboldt **USGS** quadrangle Humboldt

district 88 **UTM reference** 12.386251.3819830

STRUCTURAL INFORMATION

main span number 3 main span type 219 appr. span number 0 appr. span type degree of skew guardrail type concrete box culvert 10.0 superstructure main span length structure length 32.0 substructure concrete abutments, wingwalls and piers roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 other features steel Thrie beam guardrails

HISTORICAL INFORMATION

 construction date
 1954
 designer/engineer
 Arizona Highway Department

 project number
 S-38(8)
 builder/contractor
 Wallace & Wallace, Phoenix AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) 1994 alterations barrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 03 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Yavapai inventory number 04271 280.97 milepost inventory route SR 69 location 18.1 mi W Jct I 17 feature intersected Wash city/vicinity Dewey **USGS** quadrangle Humboldt

district 88 **UTM reference** 12.386044.3821473

STRUCTURAL INFORMATION

main span number 4 main span type 219 appr. span number 0 appr. span type degree of skew guardrail type concrete box culvert 10.0 superstructure main span length structure length 43.0 substructure concrete abutments, wingwalls and piers roadway width 0.0 floor/decking asphalt roadway steel Thrie beam guardrails 0.0 structure width other features

HISTORICAL INFORMATION

construction date1954designer/engineerArizona Highway Departmentproject numberS-38(8)builder/contractorWallace & Wallace, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1994alterationsbarrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 04 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

BRIDGE INVENTORY HISTORIC

Culvert

PROPERTY IDENTIFICATION

county Yavapai inventory number 04272 281.96 milepost inventory route SR 69 location 19.1 mi W Jct I 17 feature intersected Wash city/vicinity Dewey **USGS** quadrangle Humboldt

district 88 **UTM** reference 12.385517.3822947

STRUCTURAL INFORMATION

main span number 6 main span type 219 appr. span number 0 appr. span type degree of skew guardrail type concrete box culvert 10.0 superstructure main span length structure length 64.0 substructure concrete abutments, wingwalls and piers 0.0 roadway width floor/decking asphalt roadway steel Thrie beam guardrails 0.0 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1954 Arizona Highway Department S-38(8) project number builder/contractor Wallace & Wallace, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation barrels extended; Thrie beam guardrails installed

alteration date(s) alterations 1990

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Clipper Wash Culvert

			. . —
PRO	PERTY	IDENTIF	ICATION

county Yavapai inventory number 04273
milepost 282.47 inventory route SR 69

location 19.6 mi NW Jct I 17 feature intersected Clipper Wash

 city/vicinity
 Dewey
 USGS quadrangle
 Prescott Valley South

 district
 88
 UTM reference
 12.385230.3823746

STRUCTURAL INFORMATION

 $\begin{array}{lll} \mbox{main span number} & 6 & \mbox{main span type} & 219 \\ \mbox{appr. span number} & 0 & \mbox{appr. span type} & \end{array}$

degree of skew 0 guardrail type

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 64.0 substructure concrete abutments, wingwalls and piers

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

 $\begin{array}{ccc} \textbf{structure width} & 0.0 & \textbf{other features} & \text{steel Thrie beam guardrails} \\ \end{array}$

HISTORICAL INFORMATION

 construction date
 1954
 designer/engineer
 Arizona Highway Department

 project number
 S-38(8)
 builder/contractor
 Wallace & Wallace, Phoenix AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1990 alterations barrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 06 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Lynx Creek Bridge

county Yavapai inventory number 00393 284.11 milepost inventory route SR 69 location 21.3 mi NW Jct I 17 feature intersected Lynx Creek

city/vicinity Dewey **USGS** quadrangle Prescott Valley South district **UTM** reference 12.383664.3825818

STRUCTURAL INFORMATION

main span number 6 main span type 201 appr. span number 0 appr. span type 0 degree of skew 45 guardrail type 35.0 superstructure concrete slab main span length

structure length 198.0 substructure concrete abutments, wingwalls and piers

72.0 roadway width floor/decking concrete deck

solid concrete guardrails with Thrie beams at 80.8 structure width other features

approaches

HISTORICAL INFORMATION

construction date designer/engineer 1953 Arizona Highway Department NF-38-7(52) project number builder/contractor W.J. Henson Contracting Co., Prescott AZ information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1996 alterations 1989 1994 deck widened; channel and embankment repairs;

Thrie beams added at approaches

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score NRHP eligibility non-eligible

> **NRHP** criteria C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Alberson Wash Culvert

PROPERTY IDENTIFICATION

countyYavapaiinventory number04274milepost291.65inventory routeSR 69

 location
 28.8 mi NW Jct I 17
 feature intersected
 Alberson Wash

 city/vicinity
 Prescott
 USGS quadrangle
 Prescott

district 88 **UTM reference** 12.373363.3824827

STRUCTURAL INFORMATION

 $\begin{array}{lllll} \text{main span number} & 3 & \text{main span type} & 219 \\ \text{appr. span number} & 0 & \text{appr. span type} \\ \text{degree of skew} & 0 & \text{guardrail type} \end{array}$

main span length 10.0 superstructure concrete box culvert

structure length 32.0 **substructure** concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1953 designer/engineer Arizona Highway Department

project number S-38(7) builder/contractor information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1989 alterations Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

 $\begin{array}{ccc} \text{inventory score} & 00 & \text{NRHP eligibility} & \text{non-eligible} \end{array}$

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Government Wash Culvert

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countyYavapaiinventory number04275milepost296.21inventory routeSR 69

location at Jct SR 89 feature intersected Government Wash

city/vicinity Prescott USGS quadrangle Prescott

district 88 **UTM reference** 12.367044.3823870

STRUCTURAL INFORMATION

main span length 12.0 superstructure concrete box culvert

structure length 25.0 **substructure** concrete abutments, wingwalls and pier

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1952 designer/engineer Arizona Highway Department

project numberS-38(6)builder/contractorArizona Sand & Rock Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) ca1990 alterations Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 02 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Whipple Overpass

county Yavapai inventory number 00385 296.26 milepost inventory route SR 69 location At Jct SR 89 feature intersected SR 89 city/vicinity Prescott **USGS** quadrangle Prescott

district 88 **UTM reference** 12.366995.3823838

STRUCTURAL INFORMATION

structure length 212.0 substructure concrete abutments, wingwalls and spill-through

piers

roadway width 32.0 floor/decking concrete deck

structure width 36.7 other features steel baluster guardrails with Thrie beams at

approaches

HISTORICAL INFORMATION

construction date 1952 designer/engineer Arizona Highway Department

project numberNFAS 38(52)builder/contractorW.J. Henson Contracting Co., Prescott AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 29 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Pinal Underpass

PROPERTY IDENTIFICATION

county Gila inventory number 00562

milepost 253.63 inventory route AT&SF Railroad

 $\begin{tabular}{ll} \end{tabular} \begin{tabular}{ll} \end{tabular} \begin{tabular}{ll} 1.8 \ mi \ E \ Jct \ US \ 60 \end{tabular} \begin{tabular}{ll} \end{tabular} \begin{ta$

city/vicinityGlobeUSGS quadrangleCammerman Washdistrict83UTM reference12.523736.3693070

STRUCTURAL INFORMATION

 $\begin{array}{ccc} \text{main span number} & 1 & & \text{main span type} & 303 \end{array}$

main span length 49.0 superstructure steel plate deck girder

structure length 54.0 substructure concrete abutments and wingwalls

roadway width 0.0 floor/decking ballasted railroad grade

structure width 20.5 other features steel baluster guardrails with concrete bulkheads

HISTORICAL INFORMATION

construction date 1959 designer/engineer Arizona Highway Department

project number SG-253(12) builder/contractor Hagen Construction Company, Globe AZ information source ADOT bridge records structure owner Atchison, Topeka & Santa Fe Railroad

alteration date(s) 1981 alterations roadway level lowered

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 20 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of relatively common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

BRIDGE INVENTORY HISTORIC

Culvert

PROPERTY IDENTIFICATION

county Gila inventory number 04276 254.10 milepost inventory route US 70 location 17.0 mi W of Jct SR 170 feature intersected Wash

city/vicinity Globe **USGS** quadrangle Cammerman Wash district 83 **UTM** reference 12.524402.3692703

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type 0 degree of skew 45 guardrail type 10.0 concrete box culvert superstructure main span length

structure length 29.0 substructure concrete abutments, wingwalls and pier

roadway width 0.0 floor/decking asphalt roadway

steel Thrie beam guardrails 0.0 structure width other features

HISTORICAL INFORMATION

project number

construction date designer/engineer 1957 Arizona Highway Department NF-022(4)

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1989 barrels extended; Thrie beam guardrails installed

builder/contractor

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Gilson Wash Bridge

PROPERTY IDENTIFICATION

county Gila inventory number 00464
milepost 259.55 inventory route US 70
location 7.7 mi E Jct US 60 feature intersected Gilson Wash

city/vicinity Cutter USGS quadrangle Cutter

district 83 **UTM reference** 12.532663.3690335

STRUCTURAL INFORMATION

main span length 25.0 superstructure concrete slab

structure length219.0substructureconcrete abutments with steel pile piersroadway width30.0floor/deckingconcrete deck with asphalt overlay

structure width 34.7 **other features** solid concrete guardrails with rectangular recessed

panels

HISTORICAL INFORMATION

construction date1953designer/engineerArizona Highway Departmentproject numberNF-15(53)Abuilder/contractorHarry J. Hagen, Globe AZ

information source ADOT bridge records structu

alteration date(s)

structure owner alterations

Arizona Department of Transportation

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 29 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

BRIDGE INVENTORY HISTORIC

Culvert

PROPERTY IDENTIFICATION

county Gila inventory number 04277 260.00 milepost inventory route US 70 location 7.9 mi East of Jct SR 60 feature intersected Wash city/vicinity Cutter **USGS** quadrangle Cutter

district 83 **UTM** reference 12.533362.3690170

STRUCTURAL INFORMATION

main span number 4 main span type 219 appr. span number 0 appr. span type 6 degree of skew guardrail type concrete box culvert main span length 10.0 superstructure

structure length 43.0 substructure concrete abutments, wingwalls and piers

floor/decking roadway width 33.9 asphalt roadway 36.5 steel beam guardrails structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1953 Arizona Highway Department NF-15(53)A project number builder/contractor Harry J. Hagen, Globe AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 12 NRHP eligibility non-eligible

> NRHP criteria В C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

BRIDGE INVENTORY HISTORIC

Culvert

PROPERTY IDENTIFICATION

county Gila inventory number 04278 261.54 milepost inventory route US 70 location 9.5 mi W of Jct SR 170 feature intersected Wash

city/vicinity Cutter **USGS** quadrangle Bucket Mountain district 83 **UTM** reference 12.535782.3689566

STRUCTURAL INFORMATION

main span number 4 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure 43.0 concrete abutments, wingwalls and piers

structure length substructure 0.0 floor/decking roadway width asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1953 Arizona Highway Department NF-15(53)A project number builder/contractor Harry J. Hagen, Globe AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 12 NRHP eligibility non-eligible

> NRHP criteria В C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Gila inventory number 04279 262.35 milepost inventory route US 70 location 8.7 mi W Jct SR 170 feature intersected Wash

city/vicinity Cutter **USGS** quadrangle Bucket Mountain district 83 **UTM** reference 12.537017.3689165

STRUCTURAL INFORMATION

main span number 3 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type

10.0 concrete box culvert main span length superstructure

structure length 37.0 substructure concrete abutments, wingwalls and piers floor/decking roadway width 0.0 asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1953 Arizona Highway Department F-15(4) builder/contractor project number

information source ADOT bridge records structure owner Arizona Department of Transportation alterations

alteration date(s)

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

inventory score 07 NRHP eligibility non-eligible

NRHP criteria В C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

 $\begin{array}{cccc} \textbf{county} & Gila & \textbf{inventory number} & 04280 \\ \textbf{milepost} & 265.06 & \textbf{inventory route} & US~70 \\ \textbf{location} & 6.0~\text{mi}~\text{W}~\text{Jct}~\text{SR}~170 & \textbf{feature intersected} & \text{Wash} \\ \end{array}$

city/vicinityCutterUSGS quadrangleBucket Mountaindistrict83UTM reference12.541103.3687650

STRUCTURAL INFORMATION

main span number 4 main span type 219 appr. span number 0 appr. span type 6 degree of skew guardrail type concrete box culvert main span length 10.0 superstructure structure length 43.0 substructure concrete abutments, wingwalls and piers

roadway width 34.0 floor/decking asphalt roadway structure width 36.6 other features steel beam guardrails

HISTORICAL INFORMATION

 construction date
 1953
 designer/engineer
 Arizona Highway Department

 project number
 NF-15(53)A
 builder/contractor
 Harry J. Hagen, Globe AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transport

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 12 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

 county
 Gila
 inventory number
 04281

 milepost
 267.01
 inventory route
 US 70

 location
 4.1 mi W Jct SR 170
 feature intersected
 Wash

city/vicinityCutterUSGS quadrangleBucket Mountaindistrict83UTM reference12.544344.3686456

STRUCTURAL INFORMATION

structure length 37.0 substructure concrete abutments, wingwalls and piers

roadway width 34.0 floor/decking asphalt roadway

structure width 36.6 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date1953designer/engineerArizona Highway Departmentproject numberNF-15(53)Abuilder/contractorHarry J. Hagen, Globe AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) ca1990 **alterations** Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 03 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

HISTORIC INVENTORY BRIDGE

Peridot Overpass

PROPERTY	IDENTIFICATION
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county Gila inventory number 00477 271.27 milepost inventory route US 70

location at Jct of SR 170 feature intersected Railroad and SR 170

city/vicinity San Carlos **USGS** quadrangle San Carlos

district 83 **UTM** reference 12.550552.3684430

STRUCTURAL INFORMATION

main span number 4 main span type 402 appr. span number 0 appr. span type 9 degree of skew guardrail type

55.0 superstructure steel I-beam stringer main span length structure length 205.0 substructure concrete abutments and spill-through piers

roadway width 34.0 floor/decking concrete deck with asphalt overlay

concrete Jersey barrier guardrails with Thrie beams 39.0 structure width other features

at approaches

HISTORICAL INFORMATION

construction date designer/engineer 1957 Arizona Highway Department F-FG-15(14) project number builder/contractor Givens Construction Company, Phoenix AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1988 alterations 1971 1981 expansion joint repairs; guardrails replaced with Jersey barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 13 NRHP eligibility non-eligible

> **NRHP** criteria C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

San Carlos Bridge

PROPERTY IDENTIFICATION

district 83 **UTM reference** 12.551002.3684280

STRUCTURAL INFORMATION

main span length 80.0 superstructure steel I-beam stringer structure length 785.0 substructure concrete abutments, wingwalls and piers

roadway width 30.0 floor/decking concrete deck with asphalt overlay

structure width 35.1 **other features** concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date1957designer/engineerArizona Highway Departmentproject numberF-15(5)builder/contractorGivens Construction Company, Phoenix AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1988 1993 1996 alterations guardrails replaced with Jersey barriers; pedestrian

walk and fence installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 21 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Graham inventory number 04282 273.23 milepost inventory route US 70 location 2.2 mi E of Jct SR 170 feature intersected Wash city/vicinity San Carlos **USGS** quadrangle San Carlos

district 83 **UTM reference** 12.553647.3683721

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert structure length 37.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 other features steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1957 designer/engineer Arizona Highway Department

 project number
 F-15(5)
 builder/contractor
 Givens Construction Company, Phoenix AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) ca1990 alterations Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537 May 2009

lay 2009

Culvert

PROPERTY IDENTIFICATION

county Graham inventory number 04283 275.18 milepost inventory route US 70 location 4.1 mi E Jct SR 170 feature intersected Wash city/vicinity San Carlos **USGS** quadrangle San Carlos

district 83 **UTM reference** 12.556746.3683338

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert structure length 21.0 substructure concrete abutments, wingwalls and pier

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1957 designer/engineer Arizona Highway Department

project number F-15(5) builder/contractor Givens Construction Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) ca1990 alterations Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Hackberry Draw Culvert

PROPERTY IDENTIFICATION

countyGrahaminventory number04284milepost277.06inventory routeUS 70

 location
 6.0 mi E Jct SR 170
 feature intersected
 Hackberry Draw

 city/vicinity
 San Carlos
 USGS quadrangle
 Mount Triplet

 district
 83
 UTM reference
 12.559762.3683140

STRUCTURAL INFORMATION

main span number $\ 2$ main span type $\ 219$ appr. span number $\ 0$ appr. span type

degree of skew 30 guardrail type

 main span length
 12.0
 superstructure
 concrete box culvert

structure length 29.0 substructure concrete abutments, wingwalls and pier roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 other features steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1955 designer/engineer Arizona Highway Department

project numberF-15(6)builder/contractorW.J. Henson Contracting Co., Prescott AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)ca1990alterationsThrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

countyGrahaminventory number04285milepost282.63inventory routeUS 70location11.6 mi E of Jct SR 170feature intersectedWash

city/vicinityCalvaUSGS quadrangleMount Tripletdistrict83UTM reference12.567613.3679228

STRUCTURAL INFORMATION

structure length 44.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1956 designer/engineer Arizona Highway Department project number F-15(7) builder/contractor

information source ADOT bridge records structure owner Arizona Department of Transportation

 alteration date(s)
 ca1990
 alterations
 Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

BRIDGE INVENTORY HISTORIC

Cottonwood Canyon Culvert

PROPERTY IDENTIFICATION

county Graham inventory number 04286 283.65 milepost inventory route US 70

location 12.6 mi E Jct SR 170 feature intersected Cottonwood Canyon

city/vicinity Calva **USGS** quadrangle Dewey Flat district 83 **UTM** reference 12.568974.3678306

STRUCTURAL INFORMATION

main span number 3 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete box culvert 12.0 superstructure main span length

structure length 38.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

steel Thrie beam guardrails 0.0 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1956 Arizona Highway Department

F-15(7) project number builder/contractor

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations ca1990 Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible

inventory score NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Graham inventory number 04287 283.80 milepost inventory route US 70 location 12.7 mi E Jct SR 170 feature intersected Wash city/vicinity Calva **USGS** quadrangle Dewey Flat

district 83 **UTM reference** 12.569186.3678178

STRUCTURAL INFORMATION

structure length 23.0 substructure concrete abutments, wingwalls and pier

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1956 designer/engineer Arizona Highway Department

project number F-15(7) builder/contractor information source ADOT bridge records structure owner Arizona Department of Transportation

 alteration date(s)
 ca1990
 alterations
 Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Graham inventory number 04288 285.09 milepost inventory route US 70 location 14.0 mi E Jct SR 170 feature intersected Wash city/vicinity Calva **USGS** quadrangle Calva

district 83 **UTM reference** 12.570890.3677188

STRUCTURAL INFORMATION

structure length 24.0 substructure concrete abutments, wingwalls and pier

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1956 designer/engineer Arizona Highway Department

project numberF-15(9)builder/contractorW.J. Henson Contracting Co., Prescott AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)ca1990alterationsThrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Wildhorse Canyon Culvert

PROPERTY IDENTIFICATION

 county
 Graham
 inventory number
 04289

 milepost
 285.24
 inventory route
 US 70

location 14.2 mi E of Jct SR 170 feature intersected Wildhorse Canyon

city/vicinity Calva USGS quadrangle Calva

district 83 **UTM reference** 12.571177.3676980

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert structure length 32.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1956 designer/engineer Arizona Highway Department

project numberF-15(9)builder/contractorW.J. Henson Contracting Co., Prescott AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)ca1990alterationsThrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Graham inventory number 04290 286.70 milepost inventory route US 70 location 15.6 mi E Jct SR 170 feature intersected Wash city/vicinity Calva **USGS** quadrangle Calva

district 83 **UTM reference** 12.573083.3675656

STRUCTURAL INFORMATION

structure length 39.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1956 designer/engineer Arizona Highway Department

project numberF-15(9)builder/contractorW.J. Henson Contracting Co., Prescott AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)ca1990alterationsThrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

BRIDGE INVENTORY HISTORIC

Bone Spring Canyon Culvert

PROPERTY IDENTIFICATION

county Graham inventory number 04291 286.93 milepost inventory route US 70

location 15.8 mi E SR 170 feature intersected Bone Spring Canyon

city/vicinity Calva **USGS** quadrangle Calva

district 83 **UTM** reference 12.573378.3675415

STRUCTURAL INFORMATION

main span number 6 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete box culvert 10.0 superstructure main span length

structure length substructure concrete abutments, wingwalls and piers 0.0 roadway width floor/decking asphalt roadway

steel Thrie beam guardrails 0.0 structure width other features

HISTORICAL INFORMATION

66.0

construction date designer/engineer 1956 Arizona Highway Department

F-15(9) project number builder/contractor W.J. Henson Contracting Co., Prescott AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 12 NRHP eligibility non-eligible

NRHP criteria

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

BRIDGE INVENTORY HISTORIC

Culvert

PROPERTY IDENTIFICATION

county Graham inventory number 04292 288.33 milepost inventory route US 70 17.2 mi E SR 170 location feature intersected Wash city/vicinity Calva **USGS** quadrangle Calva

district 84 **UTM** reference 12.575210.3674086

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure 21.0 structure length substructure concrete abutments, wingwalls and pier

0.0 floor/decking roadway width asphalt roadway

steel Thrie beam guardrails 0.0 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1956 Arizona Highway Department F-15(9) project number builder/contractor

W.J. Henson Contracting Co., Prescott AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 08 NRHP eligibility non-eligible

> NRHP criteria В C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Five Mile Wash Culvert

PROPERTY IDENTIFICATION

countyGrahaminventory number04293milepost289.35inventory routeUS 70

city/vicinity Calva USGS quadrangle Calva

district 84 **UTM reference** 12.576603.3673198

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert structure length 75.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1956 designer/engineer Arizona Highway Department

project numberF-15(10)builder/contractorW.J. Henson Contracting Co., Prescott AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)ca1990alterationsThrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 02 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Graham inventory number 04294 289.83 milepost inventory route US 70 location 18.7 mi E SR 170 feature intersected Wash city/vicinity Calva **USGS** quadrangle Calva

district 84 **UTM reference** 12.577268.3672765

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert structure length 32.0 substructure concrete abutments, wingwalls and piers

roadway width 37.8 floor/decking asphalt roadway

structure width 41.6 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1956 designer/engineer Arizona Highway Department

project number F-15(10) builder/contractor W.J. Henson Contracting Co., Prescott AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) ca1990 alterations Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Graham inventory number 04295 290.81 milepost inventory route US 70 19.7 mi E SR 170 location feature intersected Wash city/vicinity Calva **USGS** quadrangle Calva

district 84 **UTM reference** 12.578564.3671942

STRUCTURAL INFORMATION

structure length 44.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1956 designer/engineer Arizona Highway Department

project numberF-15(10)builder/contractorW.J. Henson Contracting Co., Prescott AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)ca1990alterationsThrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Graham inventory number 04296 291.39 milepost inventory route US 70 location 20.3 mi E SR 170 feature intersected Wash city/vicinity Bylas **USGS** quadrangle Calva

district 84 **UTM reference** 12.579344.3671434

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert structure length 43.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1956 designer/engineer Arizona Highway Department

project numberF-15(10)builder/contractorW.J. Henson Contracting Co., Prescott AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)ca1990alterationsThrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Graham inventory number 04297 292.00 milepost inventory route US 70 location 20.9 mi E SR 170 feature intersected Wash city/vicinity Bylas **USGS** quadrangle Calva

district 84 **UTM reference** 12.580130.3670910

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert structure length 44.0 substructure concrete abutments, wingwalls and piers

roadway width 37.7 floor/decking asphalt roadway

structure width 41.5 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1956 designer/engineer Arizona Highway Department

project numberF-15(10)builder/contractorW.J. Henson Contracting Co., Prescott AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)ca1990alterationsThrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Bylas Bridge

PROPERTY IDENTIFICATION

county Graham inventory number 00498 292.55 milepost inventory route US 70 location 21.5 mi E Jct SR 170 feature intersected Gila River city/vicinity Bylas **USGS** quadrangle Calva

district 84 **UTM reference** 12.580766.3669875

STRUCTURAL INFORMATION

main span length 80.0 superstructure steel I-beam stringer

structure length 1829.0 substructure concrete abutments, wingwalls and piers roadway width 30.4 floor/decking concrete deck

structure width 35.4 other features steel baluster guardrails

HISTORICAL INFORMATION

construction date 1957 designer/engineer Arizona Highway Department

project numberF-022-4(2)builder/contractorMartin Construction Company, Tucson AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

 $\begin{array}{ccc} \text{inventory score} & 46 & \text{NRHP eligibility} & \text{eligible} \end{array}$

NRHP criteria A x B C x

signif. statement well-preserved, large-scale example of standard structural

type; major river crossing

FORM COMPLETED BY

Clayton B. Fraser, Principal

Bates Draw Culvert

PROPERTY IDENTIFICATION

county Graham inventory number 04298 294.60 milepost inventory route US 70 location 23.5 mi E SR 170 feature intersected Bates Draw city/vicinity Bylas **USGS** quadrangle Calva

district 84 **UTM reference** 12.581583.3667006

STRUCTURAL INFORMATION

main span number 6 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete box culvert main span length 10.0 superstructure structure length 65.0 substructure concrete abutments, wingwalls and piers 39.0

roadway width39.0floor/deckingasphalt roadwaystructure width41.6other featuressteel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1957 designer/engineer Arizona Highway Department

project numberF-022-4(4)builder/contractorCopper State Construction Company, Mesa AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) ca1997 alterations Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 02 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Graham inventory number 04299 295.19 milepost inventory route US 70 location 24.1 mi E SR 170 feature intersected Wash city/vicinity Bylas **USGS** quadrangle Bylas

district 84 **UTM reference** 12.582170.3666117

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert structure length 32.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1958 designer/engineer Arizona Highway Department

project number F-022-4(4) builder/contractor Copper State Construction Company, Mesa AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1997 alterations barrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Graham inventory number 04300 296.02 milepost inventory route US 70 location 24.9 mi E SR 170 feature intersected Wash city/vicinity Bylas **USGS** quadrangle Geronimo

district 84 **UTM reference** 12.582854.3665138

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert structure length 44.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1958 designer/engineer Arizona Highway Department

project number F-022-4(4) builder/contractor Copper State Construction Company, Mesa AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1997 alterations barrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

DDODEDTY	IDENTIFICATIO	N
PRUPERII	IDENTIFICATIO	IV

county Graham inventory number 04301 296.37 milepost inventory route US 70 25.3 mi E SR 170 location feature intersected Wash city/vicinity Bylas **USGS** quadrangle Geronimo

district 84 **UTM reference** 12.583242.3664665

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert structure length 79.0 substructure concrete abutments, wingwalls and piers

roadway width 39.2 floor/decking asphalt roadway

structure width 42.1 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1958 designer/engineer Arizona Highway Department

project number F-022-4(4) builder/contractor Copper State Construction Company, Mesa AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1997 **alterations** barrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 02 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Graham inventory number 04302 296.91 milepost inventory route US 70 location 25.8 mi E SR 170 feature intersected Wash city/vicinity Bylas **USGS** quadrangle Geronimo

district 84 **UTM reference** 12.583960.3664243

STRUCTURAL INFORMATION

structure length 43.0 substructure concrete abutments, wingwalls and piers

roadway width 39.0 floor/decking asphalt roadway

structure width 41.6 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1958 designer/engineer Arizona Highway Department

project numberF-022-4(4)builder/contractorCopper State Construction Company, Mesa AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) 1997 alterations barrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Graham inventory number 04303 297.31 milepost inventory route US 70 location 26.2 mi E SR 170 feature intersected Wash city/vicinity Bylas **USGS** quadrangle Geronimo

district 84 **UTM reference** 12.584530.3663956

STRUCTURAL INFORMATION

structure length 26.0 substructure concrete abutments, wingwalls and pier

roadway width 39.0 floor/decking asphalt roadway

structure width 41.6 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1957 designer/engineer Arizona Highway Department

project numberF-022-4(4)builder/contractorCopper State Construction Company, Mesa AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

Mizota Department of Transportation

alteration date(s) 1997 alterations barrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Graham inventory number 04304 297.57 milepost inventory route US 70 location 26.5 mi E SR 170 feature intersected Wash city/vicinity Bylas **USGS** quadrangle Geronimo

district 84 **UTM reference** 12.584928.3663742

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert structure length 44.0 substructure concrete abutments, v

structure length44.0substructureconcrete abutments, wingwalls and piersroadway width0.0floor/deckingasphalt roadway

structure width 0.0 other features steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1958 designer/engineer Arizona Highway Department

project numberF-022-4(4)builder/contractorCopper State Construction Company, Mesa AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) 1962 1997 **alterations** barrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

DDODEDTY	IDENTIFICATIO	N
PRUPERII	IDENTIFICATIO	IV

county Graham inventory number 04305 298.64 milepost inventory route US 70 27.5 mi E SR 170 location feature intersected Wash city/vicinity Bylas **USGS** quadrangle Geronimo

district 84 **UTM reference** 12.586146.3662524

STRUCTURAL INFORMATION

 $\begin{tabular}{lll} {\bf main span length} & 10.0 & {\bf superstructure} & {\bf concrete box culvert} \\ \end{tabular}$

structure length 21.0 **substructure** concrete abutments, wingwalls and pier

roadway width 39.0 floor/decking asphalt roadway

structure width 41.6 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1957 designer/engineer Arizona Highway Department

project number F-022-4(4) builder/contractor Copper State Construction Company, Mesa AZ

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) ca1997 alterations Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Wash Bridge

PROPERTY IDENTIFICATION

county Graham inventory number 00513 299.51 milepost inventory route US 70 location 28.5 mi E Jct SR 170 feature intersected Dry Wash city/vicinity Geronimo **USGS** quadrangle Geronimo

district **UTM** reference 12.587240.3661722

STRUCTURAL INFORMATION

main span number 5 main span type 101 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete slab main span length 22.0 superstructure

structure length 112.0 substructure concrete abutments and wingwalls with steel pile

39.9 concrete deck with asphalt overlay roadway width floor/decking

structure width 43.1 other features concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date 1932 designer/engineer Arizona Highway Department

project number FAP 15-D(4) builder/contractor Lee Moor Contracting Company, El Paso TX information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1959 ca1997 alterations

deck widened; guardrails replaced with Jersey

barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

inventory score NRHP eligibility non-eligible

> **NRHP** criteria С

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Holyoak Wash Bridge

PROPERTY IDENTIFICATION

 $\begin{array}{cccc} \textbf{county} & \textbf{Graham} & \textbf{inventory number} & 00514 \\ \textbf{milepost} & 302.53 & \textbf{inventory route} & \textbf{US} \ 70 \\ \end{array}$

 location
 31.5 mi E Jct SR 170
 feature intersected
 Holyoak Wash

 city/vicinity
 Geronimo
 USGS quadrangle
 Geronimo

district 84 **UTM** reference 12.591610.3659570

STRUCTURAL INFORMATION

main span length 22.0 superstructure concrete slab

structure length 90.0 substructure concrete abutments and wingwalls with concrete

column piers

roadway width 41.7 floor/decking concrete deck with asphalt overlay

structure width 46.7 **other features** solid concrete guardrails with recessed rectangular

panels

HISTORICAL INFORMATION

 construction date
 1932
 designer/engineer
 Arizona Highway Department

 project number
 FAP 87-E
 builder/contractor
 Robert McKee

 information source
 ADOT bridge records
 structure owner
 Arizona Depart

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1958 alterations deck widened and guardrails replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 19 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

Culvert

PROPERTY IDENTIFICATION

county Graham inventory number 04306 302.81 milepost inventory route US 70 31.7 mi E SR 170 location feature intersected Wash city/vicinity Geronimo **USGS** quadrangle Geronimo

district 84 **UTM reference** 12.591947.3659280

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert structure length 21.0 substructure concrete abutments, wingwalls and pier

roadway width 46.5 floor/decking asphalt roadway

structure width 48.5 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1932 designer/engineer Arizona Highway Department

project numberF-022-4(5)builder/contractorCopper State Construction Company, Mesa AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) 1958 ca1997 **alterations** barrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 10 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Graham inventory number 04307 303.31 milepost inventory route US 70 32.2 mi E SR 170 location feature intersected Wash city/vicinity Geronimo **USGS** quadrangle Geronimo

district 84 **UTM reference** 12.592526.3658793

STRUCTURAL INFORMATION

structure length 32.0 substructure concrete abutments, wingwalls and piers

roadway width 45.0 floor/decking asphalt roadway

structure width 47.6 other features steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1958 designer/engineer Arizona Highway Department

project number F-022-4(5) builder/contractor Copper State Construction Company, Mesa AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) ca1997 alterations Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Fine Wash Bridge

PFRTY	IDENI	$TI \cap NI$

county Graham inventory number 00515 304.85 milepost inventory route US 70 location 34.6 mi W Jct US 191 feature intersected Fine Wash city/vicinity Fort Thomas **USGS** quadrangle Fort Thomas district **UTM** reference 12.594464.3657160

STRUCTURAL INFORMATION

main span number 5 main span type 101 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete slab main span length 22.0 superstructure 112.0 structure length substructure concrete abutments and wingwalls with steel pile

roadway width 40.6 floor/decking concrete deck with asphalt overlay

structure width 44.6 other features solid concrete guardrails with recessed rectangular

panels

HISTORICAL INFORMATION

 construction date
 1932
 designer/engineer
 Arizona Highway Department

 project number
 FAP 87-E
 builder/contractor
 Robert McKee

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

 alteration date(s)
 1958
 alterations
 deck widened and guardrails replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 21 NRHP eligibility non-eligible

NRHP criteria A ____ B ___ C ___

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Flower Wash Culvert

	PERTY	IDENIT		TION
PRUI	PERIT	IDENI	IFICA	HUN

county Graham inventory number 04308 305.83 milepost inventory route US 70 34.7 mi E SR 170 location feature intersected Flower Wash city/vicinity Fort Thomas **USGS** quadrangle Fort Thomas district **UTM** reference 12.595730.3656208

STRUCTURAL INFORMATION

main span number 3 main span type 219 appr. span number 0 appr. span type 6 degree of skew guardrail type concrete box culvert main span length 10.0 superstructure structure length 32.0 substructure concrete abutments, wingwalls and piers roadway width 44.0 floor/decking asphalt roadway steel Thrie beam guardrails 46.5 structure width other features

HISTORICAL INFORMATION

construction date1958designer/engineerArizona Highway Departmentproject numberF-022-4(5)builder/contractorCopper State Construction Company, Mesa AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)ca1997alterationsThrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00

NRHP eligibility non-eligible

NRHP criteria A ______ B ____ C ____

signif. statement typical, relatively late example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Fort Thomas Pedestrian Overpass

PROPERTY IDENTIFICATION

county Graham inventory number 00560

306.59 milepost inventory route Pedestrian Overpass

location 32.9 mi West Jct US 191 feature intersected US 70 city/vicinity Fort Thomas **USGS** quadrangle Fort Thomas

district **UTM** reference 12.596850.3655754

STRUCTURAL INFORMATION

main span number 1 main span type 302 appr. span number 0 appr. span type 6 degree of skew guardrail type

steel I-beam stringer main span length 85.0 superstructure structure length 112.0 substructure concrete abutments 5.0 concrete deck roadway width floor/decking

steel chain link fences 7.4 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1959 John E. Stephens & Assoc.

DF-022-4(6) project number builder/contractor L.M. White Contracting Company, Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1991 1995 alterations deck and diaphragms repaired; superstructure

replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

inventory score 27 NRHP eligibility non-eligible

NRHP criteria C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

Black Rock Wash Bridge

PROPERTY IDENTIFICATION

 location
 32.7 mi W Jct US 191
 feature intersected
 Black Rock Wash

 city/vicinity
 Fort Thomas
 USGS quadrangle
 Fort Thomas

 district
 84
 UTM reference
 12.597052.3655615

STRUCTURAL INFORMATION

main span length 40.0 superstructure concrete deck girder structure length 207.0 substructure concrete abutments, wingwalls and piers

roadway width 40.4 floor/decking concrete deck with asphalt overlay structure width 46.2 other features solid concrete guardrails

HISTORICAL INFORMATION

construction date1932designer/engineerArizona Highway Departmentproject numberFAP 87-Ebuilder/contractorRobert McKee

project number FAP 87-E builder/contractor Robert McKee information source ADOT bridge records structure owner Arizona Department

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1959 alterations deck widened and guardrails replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 23 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

DTV II	TENTIE	ICATION

county Graham inventory number 04309 307.60 milepost inventory route US 70 36.5 mi E SR 170 location feature intersected Wash city/vicinity Fort Thomas **USGS** quadrangle Fort Thomas

district **UTM** reference 12.597500.3654240

STRUCTURAL INFORMATION

main span number 3 main span type 219 appr. span number 0 appr. span type 6 degree of skew guardrail type concrete box culvert main span length 8.0 superstructure structure length 26.0 substructure concrete abutments, wingwalls and piers roadway width 44.5 floor/decking asphalt roadway steel Thrie beam guardrails 47.5

other features

HISTORICAL INFORMATION

structure width

construction date designer/engineer 1932 Arizona Highway Department FAP 87-E project number builder/contractor O.F. Fisher Construction Co., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations 1959 ca1990 barrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

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FNU	FERII	IDENTIFIC	AIIUI

county Graham inventory number 04310 308.01 milepost inventory route US 70 36.9 mi E SR 170 location feature intersected Wash city/vicinity Fort Thomas **USGS** quadrangle Fort Thomas district **UTM** reference 12.597780.3653668

STRUCTURAL INFORMATION

main span number4main span type219appr. span number0appr. span typedegree of skew0guardrail type6main span length8.0superstructureconcrete box culvert

structure length 33.0 substructure concrete abutments, wingwalls and piers

roadway width 43.5 floor/decking asphalt roadway

structure width 45.5 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1932 designer/engineer Arizona Highway Department

project number FAP 87-E builder/contractor O.F. Fisher Construction Co...

project numberFAP 87-Ebuilder/contractorO.F. Fisher Construction Co., Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1959ca1990alterationsbarrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

NRHP criteria A B C

NRHP eligibility non-eligible

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

inventory score

Clayton B. Fraser, Principal

Culvert

DDODEDTY	IDENTIFICATION
PRUPERIT	IDENTIFICATION

county Graham inventory number 04311 308.11 milepost inventory route US 70 37.0 mi E SR 170 location feature intersected Wash city/vicinity Fort Thomas **USGS** quadrangle Fort Thomas

district **UTM** reference 12.597787.3653635

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type 6 degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure 21.0 structure length substructure concrete abutments, wingwalls and pier

roadway width 43.5 floor/decking asphalt roadway

steel Thrie beam guardrails 45.5 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1932 Arizona Highway Department

FAP 87-E project number builder/contractor O.F. Fisher Construction Co., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation alterations

alteration date(s) 1959 ca1990 barrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Graham inventory number 04312 309.64 milepost inventory route US 70 location 38.5 mi E SR 170 feature intersected Wash city/vicinity Cork **USGS** quadrangle Eden

district 84 **UTM reference** 12.598877.3651541

STRUCTURAL INFORMATION

structure length 24.0 substructure concrete abutments, wingwalls and pier

roadway width 43.7 floor/decking asphalt roadway

structure width 45.7 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1932 designer/engineer Arizona Highway Department

project number FAP 87-E builder/contractor O.F. Fisher Construction Co., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1959 ca1990 alterations barrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 10 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Graham inventory number 04313 311.31 milepost inventory route US 70 location 40.2 mi E SR 170 feature intersected Wash city/vicinity Cork **USGS** quadrangle Eden

district 84 **UTM reference** 12.600120.3649150

STRUCTURAL INFORMATION

structure length 32.0 substructure concrete abutments, wingwalls and piers

roadway width 47.5 floor/decking asphalt roadway

structure width 49.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1932 designer/engineer Arizona Highway Department

project numberFAP 87-Ebuilder/contractorO.F. Fisher Construction Co., Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1959ca1990alterationsbarrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 11 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Graham inventory number 04314 311.42 milepost inventory route US 70 location 40.3 mi E SR 170 feature intersected Wash city/vicinity Cork **USGS** quadrangle Eden

district 84 **UTM reference** 12.600170.3649060

STRUCTURAL INFORMATION

structure length 21.0 substructure concrete abutments, wingwalls and pier

roadway width 47.0 floor/decking asphalt roadway

structure width 49.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1932 designer/engineer Arizona Highway Department

project numberFAP 87-Ebuilder/contractorO.F. Fisher Construction Co., Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1959ca1990alterationsbarrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 10 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Graham inventory number 04315 313.29 milepost inventory route US 70 location 44.2 mi E Jct SR 170 feature intersected Wash city/vicinity Cork **USGS** quadrangle Eden

district 84 **UTM reference** 12.601444.3646560

STRUCTURAL INFORMATION

structure length 32.0 substructure concrete abutments, wingwalls and piers

roadway width 45.0 floor/decking asphalt roadway

structure width 47.5 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1959 designer/engineer Arizona Highway Department

project number F-022-4(6) builder/contractor information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) ca1990 **alterations** Three beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Hunzinger Wash Bridge

PROPERTY IDENTIFICATION

 $\begin{array}{cccc} \textbf{county} & \textbf{Graham} & \textbf{inventory number} & 00561 \\ \textbf{milepost} & 313.62 & \textbf{inventory route} & \textbf{US } 70 \\ \end{array}$

location 25.8 mi W Jct US 191S feature intersected Hunzinger Wash

district 84 **UTM reference** 12.601875.3645703

STRUCTURAL INFORMATION

structure length82.0substructureconcrete abutments and wingwallsroadway width40.0floor/deckingconcrete deck with asphalt overlay

structure width 45.2 other features solid concrete guardrails

HISTORICAL INFORMATION

construction date 1932 designer/engineer Arizona Highway Department

information sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1959alterationsdeck widened and guardrails replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 17 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537 May 2009

lay 2009

Matthews Wash Bridge

PROPERTY IDENTIFICATION

county Graham inventory number 00394 326.25 milepost inventory route US 70

13.2 mi W Jct US 191 location feature intersected Matthews Wash

city/vicinity Glenbar **USGS** quadrangle Eden

district **UTM** reference 12.603778.3644230

STRUCTURAL INFORMATION

main span number 9 main span type 101 appr. span number 0 appr. span type 0 degree of skew guardrail type

22.0 concrete slab main span length superstructure

structure length 200.0 substructure concrete abutments and wingwalls with concrete

column piers

34.4 concrete deck with asphalt overlay roadway width floor/decking

concrete Jersey barrier guardrails with Thrie beams structure width 38.7 other features

at approaches

HISTORICAL INFORMATION

construction date 1932 designer/engineer Arizona Highway Department

project number FAP 87-F builder/contractor O.F. Fisher Construction Co., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1953 1982 alterations deck widened and guardrails replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 27 NRHP eligibility non-eligible

> NRHP criteria C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

Patterson Wash Bridge

PROPERTY IDENTIFICATION

county Graham inventory number 01421 327.72 milepost inventory route US 70

location 11.7 mi West Jct US 191 feature intersected Patterson Wash

city/vicinity Glenbar **USGS** quadrangle Pima

district **UTM** reference 12.605804.3642990

STRUCTURAL INFORMATION

main span number 1 main span type 101 appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete slab 20.0 superstructure main span length structure length 22.0 substructure concrete abutments 49.2 floor/decking roadway width asphalt roadway

50.6 structure width other features none

HISTORICAL INFORMATION

project number

construction date designer/engineer 1932 Arizona Highway Department builder/contractor

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1952 alterations deck widened

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

inventory score 13 NRHP eligibility non-eligible **NRHP** criteria С

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Cottonwood Wash Bridge

PROPERTY IDENTIFICATION

location 9.3 mi W Jct US 191 feature intersected Cottonwood Wash

city/vicinity Pima USGS quadrangle Pima

district 84 **UTM reference** 12.608875.3640465

STRUCTURAL INFORMATION

main span length 35.0 superstructure concrete slab

structure length 273.0 substructure concrete abutments, wingwalls and piers roadway width 34.0 floor/decking concrete deck with asphalt overlay

structure width 39.5 **other features** concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date 1948 designer/engineer Arizona Highway Department project number F-63(3) builder/contractor Martin Construction Company

project number F-63(3) builder/contractor Martin Construction Company, Tucson AZ information source ADOT bridge records alteration date(s) 1982 alterations Martin Construction Company, Tucson AZ Arizona Department of Transportation guardrails replaced with Jersey barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 20 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Ash Creek Culvert

PROPERTY IDENTIFICATION

county Graham inventory number 04316 331.14 milepost inventory route US 70 location 60.0 mi E Jct SR 170 feature intersected Ash Creek city/vicinity Pima **USGS** quadrangle Pima

district 84 **UTM reference** 12.610295.3640130

STRUCTURAL INFORMATION

main span number2main span type219appr. span number0appr. span typedegree of skew49guardrail type0main span length10.0superstructureconcrete box culvert

structure length 29.0 substructure concrete abutments, wingwalls and pier

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1948 designer/engineer Arizona Highway Department

project number F-63(3) builder/contractor Martin Construction Company, Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) ca1990 alterations Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 02 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Graveyard Wash Culvert

PROPERTY IDENTIFICATION

 $\begin{array}{cccc} \textbf{county} & \textbf{Graham} & \textbf{inventory number} & 04317 \\ \textbf{milepost} & 340.00 & \textbf{inventory route} & \textbf{US } 70 \\ \end{array}$

location 38.9 mi W Jct SR 75 feature intersected Graveyard Wash

city/vicinity Safford USGS quadrangle Safford

district 84 **UTM reference** 12.622027.3633128

STRUCTURAL INFORMATION

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 29.0 substructure concrete abutments, wingwalls and pier

roadway width 80.9 floor/decking asphalt roadway

 $\begin{array}{ccc} \textbf{structure width} & 100.5 & \textbf{other features} & \text{none} \end{array}$

HISTORICAL INFORMATION

construction date 1948 designer/engineer Arizona Highway Department

project number F-43(3) builder/contractor Martin Construction Company, Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1960 alterations barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 02 NRHP eligibility non-eligible

NRHP criteria A _____ B ___ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Graveyard Wash Bridge

PROPERTY	IDENTIFICATION	

countyGrahaminventory number01685milepost340.01inventory route8th Streetlocation150 ft West of Jct US 70feature intersectedGraveyard Wash

city/vicinity Safford USGS quadrangle Safford

district 84 **UTM reference** 12.622022.3633122

STRUCTURAL INFORMATION

structure length26.0substructureconcrete abutments and wingwallsroadway width30.8floor/deckingconcrete deck with asphalt overlay

structure width 36.6 other features concrete curbs

HISTORICAL INFORMATION

construction date1920cadesigner/engineerArizona Highway Departmentproject numberbuilder/contractor

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1931 alterations deck widened and guardrails replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

 $\begin{array}{ccc} \text{inventory score} & 02 & & \text{NRHP eligibility} & \text{non-eligible} \end{array}$

NRHP criteria A B C

signif. statement typically configured example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Stockton Wash Culvert

PROPERTY IDENTIFICATION

 $\begin{array}{cccc} \textbf{county} & Graham & \textbf{inventory number} & 04318 \\ \textbf{milepost} & 340.68 & \textbf{inventory route} & US~70 \\ \end{array}$

location 38.2 mi W Jct SR 75 feature intersected Stockton Wash

city/vicinity Safford USGS quadrangle Safford

district 84 **UTM reference** 12.622538.3632610

STRUCTURAL INFORMATION

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 45.0 substructure concrete abutments, wingwalls and piers roadway width 63.3 floor/decking asphalt roadway

structure width 114.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

 construction date
 1950
 designer/engineer
 Arizona Highway Department

 project number
 F-67(5)
 builder/contractor
 United Contractors Inc., Phoenix AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) ca1990 alterations Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 03 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

San Simon River Bridge

PROPERTY IDENTIFICATION

 $\begin{array}{cccc} \textbf{county} & \textbf{Graham} & \textbf{inventory number} & 00310 \\ \textbf{milepost} & 343.37 & \textbf{inventory route} & \textbf{US } 70 \\ \end{array}$

location 3.9 mi E Jct US191 feature intersected San Simon River

city/vicinity Solomon USGS quadrangle Safford

district 84 **UTM reference** 12.626591.3631746

STRUCTURAL INFORMATION

main span length 105.0 superstructure steel I-beam stringer

structure length 153.0 substructure concrete abutments and wingwalls

roadway width 35.7 floor/decking concrete deck

structure width 39.3 other features concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date1924designer/engineerArizona Highway Departmentproject numberFAP 67builder/contractorH.L. Royden (1947 construction)information sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) 1947 1984 alterations superstructure replaced; guardrails replaced with

Jersey barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 08 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement original steel truss superstructure replaced with common

structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

San Jose Canyon Culvert

PROPERTY IDENTIFICATION

county Graham inventory number 04319 346.17 milepost inventory route US 70

location 32.7 mi W Jct SR 75 feature intersected San Jose Canyon

city/vicinity San Jose **USGS** quadrangle San Jose

district **UTM** reference 12.631847.3631343

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete box culvert main span length 12.0 superstructure

structure length 25.0 substructure concrete abutments, wingwalls and pier

floor/decking roadway width 45.0 asphalt roadway

47.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1953 Arizona Highway Department NF-67(52) project number builder/contractor D.A. Flickinger

information source ADOT bridge records structure owner

Arizona Department of Transportation alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

inventory score NRHP eligibility non-eligible

NRHP criteria C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Graham inventory number 04320 354.53 milepost inventory route US 70 location 24.4 mi W Jct SR 75 feature intersected Wash

city/vicinity San Jose **USGS** quadrangle Tollgate Tank district **UTM** reference 12.643372.3626625

STRUCTURAL INFORMATION

main span number 3 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

structure length 32.0 substructure concrete abutments, wingwalls and piers floor/decking roadway width 36.4 asphalt roadway

38.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1938 Arizona Highway Department

FAP 77-B project number builder/contractor W.E. Hall Construction Co., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 15 NRHP eligibility non-eligible

> NRHP criteria В C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Slick Rock Wash Bridge

county Graham inventory number 00196 357.84 milepost inventory route US 70

location 8.4 mi E Jct SR 191 feature intersected Slick Rock Wash city/vicinity San Jose **USGS** quadrangle Tollgate Tank district 84 **UTM** reference 12.648405.3625090

STRUCTURAL INFORMATION

main span number 6 main span type 201 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete slab main span length 25.0 superstructure

structure length 151.0 substructure concrete abutments and wingwalls with concrete

column piers

34.0 concrete deck roadway width floor/decking

concrete Jersey barrier guardrails with Thrie beams structure width 37.0 other features

at approaches

HISTORICAL INFORMATION

construction date 1938 designer/engineer Arizona Highway Department

project number FAP 77-B builder/contractor W.E. Hall Construction Co., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1997 alterations guardrails replaced with Jersey barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score NRHP eligibility non-eligible

> NRHP criteria C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

Culvert

PROPERTY IDENTIFICATION

county Graham inventory number 04321 358.62 milepost inventory route US 70 location 20.3 mi W Jct SR 75 feature intersected Wash city/vicinity San Jose **USGS** quadrangle

Tollgate Tank district **UTM** reference 12.649690.3624790

STRUCTURAL INFORMATION

main span number 3 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete box culvert main span length 10.0 superstructure structure length 32.0 substructure concrete abutments, wingwalls and piers floor/decking 0.0 asphalt roadway

roadway width 0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1938 Arizona Highway Department FAP 77-B(Reo.) project number builder/contractor W.E. Hall Construction Co., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation alterations

alteration date(s)

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

inventory score 17 NRHP eligibility non-eligible

> NRHP criteria В C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Graham inventory number 04322 359.59 milepost inventory route US 70 location 19.3 mi W Jct SR 75 feature intersected Wash

city/vicinity Fox **USGS** quadrangle Tollgate Tank district 84 **UTM** reference 12.651215.3624727

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type 0 degree of skew 45 guardrail type

10.0 concrete box culvert superstructure main span length

structure length 29.0 substructure concrete abutments, wingwalls and pier floor/decking roadway width 0.0 asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

alteration date(s)

construction date designer/engineer 1938 Arizona Highway Department

FAP 77-B(Reo.) project number builder/contractor W.E. Hall Construction Co., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score NRHP eligibility non-eligible

> NRHP criteria В C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Shoat Tank Wash Bridge

PROPERTY IDENTIFICATION

county Graham inventory number 00197 363.54 milepost inventory route US 70

location 14.1 mi E Jct SR 191 feature intersected Shoat Tank Wash

city/vicinity Duncan **USGS** quadrangle Ash Peak

district **UTM** reference 12.657183.3625940

STRUCTURAL INFORMATION

main span number 5 main span type 201 appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete slab 25.0 superstructure main span length

structure length 126.0 substructure concrete abutments, wingwalls and steel pile piers roadway width 34.0 floor/decking concrete deck with asphalt overlay

concrete Jersey barrier guardrails with Thrie beams 37.3 structure width other features

at approaches

HISTORICAL INFORMATION

construction date designer/engineer 1938 Arizona Highway Department

FAP 77-C project number builder/contractor Tanner Construction Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1997 guardrails replaced with Jersey barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score 23

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Graham inventory number 04323 365.04 milepost inventory route US 70 location 13.9 mi W Jct SR 75 feature intersected Wash city/vicinity Duncan **USGS** quadrangle Ash Peak

district **UTM** reference 12.658640.3627832

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure 21.0

structure length substructure concrete abutments, wingwalls and piers 0.0 roadway width floor/decking asphalt roadway

steel Thrie beam guardrails 0.0 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1939 Arizona Highway Department

FAP 77-C project number builder/contractor Tanner Construction Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations ca1990 Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible

inventory score NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Slick Rock Wash Bridge

PROPERTY	IDENTIFICATION
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county Graham inventory number 00219 365.70 milepost inventory route US 70

location 16.2 mi E Jct SR 191 feature intersected Slick Rock Wash city/vicinity Duncan **USGS** quadrangle Ash Peak

district **UTM** reference 12.659693.3627995

STRUCTURAL INFORMATION

main span number 3 main span type 201 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete slab main span length 25.0 superstructure

structure length 75.0 substructure concrete abutments and wingwalls with steel pile

34.0 concrete deck with asphalt overlay roadway width floor/decking

structure width 37.2 other features concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date 1938 designer/engineer Arizona Highway Department

project number FAP 77-C builder/contractor Tanner Construction Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1997 alterations guardrails replaced with Jersey barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 21

NRHP eligibility non-eligible NRHP criteria C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Greenlee inventory number 04324 373.74 milepost inventory route US 70 location 5.2 mi W Jct SR 75 feature intersected Wash city/vicinity Duncan **USGS** quadrangle Hot Well

district 84 **UTM reference** 12.671047.3622358

STRUCTURAL INFORMATION

main span length 12.0 superstructure concrete box culvert structure length 38.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1951 designer/engineer Arizona Highway Department

 project number
 F-88(7)
 builder/contractor
 Tiffany Construction Company, Phoenix AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) 1978 alterations Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 03 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Greenlee inventory number 04325 373.97 milepost inventory route US 70 location 4.9 mi W Jct SR 75 feature intersected Wash city/vicinity Duncan **USGS** quadrangle Hot Well

district 84 **UTM reference** 12.671360.3622180

STRUCTURAL INFORMATION

main span number3main span type219appr. span number0appr. span typedegree of skew45guardrail type0main span length12.0superstructureconcrete box culvert

structure length 54.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1951 designer/engineer Arizona Highway Department

project numberF-88(7)builder/contractorTiffany Construction Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1978alterationsThrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 03 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Greenlee inventory number 04326 376.43 milepost inventory route US 70 location 2.5 mi W Jct SR 75 feature intersected Wash city/vicinity Duncan **USGS** quadrangle Hot Well

district **UTM** reference 12.674608.3624104

STRUCTURAL INFORMATION

main span number 3 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type 10.0 concrete box culvert main span length superstructure

structure length 35.0 substructure concrete abutments, wingwalls and piers

floor/decking roadway width 0.0 asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1952 Arizona Highway Department NFA 88-B builder/contractor project number D.A. Flickinger

information source ADOT bridge records structure owner

Arizona Department of Transportation alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

inventory score 11 NRHP eligibility non-eligible

> NRHP criteria В C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Woods Canyon Culvert

county Greenlee inventory number 04327 377.21 milepost inventory route US 70

location 1.7 mi W Jct SR 75 feature intersected Woods Canyon city/vicinity Duncan **USGS** quadrangle Hot Well

district **UTM** reference 12.675643.3623840

STRUCTURAL INFORMATION

main span number 4 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete box culvert main span length 12.0 superstructure

structure length 59.0 substructure concrete abutments, wingwalls and piers floor/decking roadway width 0.0 asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1952 Arizona Highway Department

NFA 88-B project number builder/contractor D.A. Flickinger

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 12 NRHP eligibility non-eligible

> NRHP criteria C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Blackfield Canyon Culvert

PROPERTY	IDENTIFICATION	ON
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 $\begin{array}{cccc} \textbf{county} & Greenlee & \textbf{inventory number} & 04328 \\ \textbf{milepost} & 378.04 & \textbf{inventory route} & US~70 \\ \end{array}$

location 0.9 mi W Jct SR 75 feature intersected Blackfield Canyon

city/vicinity Duncan USGS quadrangle Duncan

district 84 **UTM reference** 12.676677.3623080

STRUCTURAL INFORMATION

main span number 3 main span type 219 appr. span number 0 appr. span type

degree of skew 10 guardrail type

structure length 32.0 substructure concrete abutments, wingwalls and piers

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date 1952 designer/engineer Arizona Highway Department

project number NFA 88-B builder/contractor D.A. Flickinger

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 11 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Rainville Wash Culvert

PROPERTY IDENTIFICATION

county Greenlee inventory number 04329 380.50 milepost inventory route US 70

location 1.6 mi E Jct SR 75 feature intersected Rainville Wash city/vicinity Duncan **USGS** quadrangle Duncan

district **UTM** reference 12.678940.3619957

STRUCTURAL INFORMATION

main span number 4 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type

10.0 concrete box culvert main span length superstructure

structure length 50.0 substructure concrete abutments, wingwalls and piers

floor/decking roadway width 0.0 asphalt roadway 0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1952 Arizona Highway Department F-88(8) project number builder/contractor Dale F. Payne, Phoenix AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1965 barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score 04

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Greenlee inventory number 04330 383.52 milepost inventory route US 70 location 4.6 mi E Jct SR 75 feature intersected Wash city/vicinity Duncan **USGS** quadrangle Duncan

district 84 **UTM reference** 12.680870.3615400

STRUCTURAL INFORMATION

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 43.0 substructure concrete abutments, wingwalls and piers

roadway width 48.7 floor/decking asphalt roadway

structure width 50.7 other features none

HISTORICAL INFORMATION

construction date1952designer/engineerArizona Highway Departmentproject numberF-88(8)builder/contractorDale F. Payne, Phoenix AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1965 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 04 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Maricopa inventory number 06128 milepost 86.60 inventory route SR 71 location 0.8 mi N Jct US 60 feature intersected Wash city/vicinity Aguila **USGS** quadrangle Aguila

district 88 **UTM reference** 12.302097.3758825

STRUCTURAL INFORMATION

main span number 4 main span type 319 appr. span number 0 appr. span type degree of skew 15 guardrail type 7.0 steel multiplate culvert superstructure main span length structure length 40.0 substructure crudely laid stone sidewalls floor/decking roadway width 0.0 asphalt roadway 0.0 none structure width other features

HISTORICAL INFORMATION

construction date1949designer/engineerArizona Highway Departmentproject numberNF-1-B(49)builder/contractor

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 13 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Maricopa inventory number 04331 86.74 milepost inventory route SR 71 location 0.9 mi N Jct US 60 feature intersected Wash city/vicinity Aguila **USGS** quadrangle Aguila

district 88 **UTM** reference 12.302103.3759068

STRUCTURAL INFORMATION

main span number 4 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type 6.0 superstructure

concrete box culvert main span length

26.0 structure length substructure concrete abutments, wingwalls and piers floor/decking roadway width 33.0 asphalt roadway

35.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1950 Arizona Highway Department NF-1-B(49) builder/contractor project number

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 08 NRHP eligibility non-eligible

> NRHP criteria C

signif. statement undistinguished example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Maricopa inventory number 04332 87.59 milepost inventory route SR 71 location 1.8 mi N Jct US 60 feature intersected Wash city/vicinity Aguila **USGS** quadrangle Aguila

district 88 **UTM** reference 12.302153.3760465

STRUCTURAL INFORMATION

main span number 4 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete box culvert main span length 6.0 superstructure

26.0 structure length substructure concrete abutments, wingwalls and piers

floor/decking roadway width 33.0 asphalt roadway none

35.0 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1950 Arizona Highway Department

NF-1-B(49) builder/contractor project number information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

inventory score 08 NRHP eligibility non-eligible

NRHP criteria C

signif. statement undistinguished example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Maricopa inventory number 04333 87.79 milepost inventory route SR 71 location 2.2 mi N Jct US 60 feature intersected Wash city/vicinity Aguila **USGS** quadrangle Aguila

district 88 **UTM reference** 12.302144.3761078

STRUCTURAL INFORMATION

main span length6.0superstructureconcrete box culvertstructure length26.0substructureconcrete abutments, wingwalls and piers

roadway width 33.1 floor/decking asphalt roadway

structure width 35.1 other features none

HISTORICAL INFORMATION

construction date 1950 designer/engineer Arizona Highway Department

project number NF-1-B(49) builder/contractor information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 08 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Maricopa inventory number 04334 88.50 milepost inventory route SR 71 location 2.7 mi N Jct US 60 feature intersected Wash city/vicinity Aguila **USGS** quadrangle Aguila

district 88 **UTM** reference 12.302418.3762258

STRUCTURAL INFORMATION

main span number 4 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete box culvert main span length 6.0 superstructure

26.0 structure length substructure concrete abutments, wingwalls and piers

floor/decking roadway width 33.3 asphalt roadway

35.3 none structure width other features

HISTORICAL INFORMATION

project number

construction date designer/engineer 1949 Arizona Highway Department NF-1-B(49) builder/contractor

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 08 NRHP eligibility non-eligible

> NRHP criteria C

signif. statement undistinguished example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Maricopa inventory number 04335 88.85 milepost inventory route SR 71 location 3.0 mi N Jct US 60 feature intersected Wash city/vicinity Aguila **USGS** quadrangle Aguila

district 88 **UTM** reference 12.302666.3762740

STRUCTURAL INFORMATION

main span number 8 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type 6.0 superstructure

concrete box culvert main span length

54.0 structure length substructure concrete abutments, wingwalls and piers floor/decking roadway width 33.0 asphalt roadway

35.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1949 Arizona Highway Department NF-1-B(49) builder/contractor project number

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 12 NRHP eligibility non-eligible

> NRHP criteria C

signif. statement undistinguished example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

city/vicinityAguilaUSGS quadrangleDate Creek Ranch SEdistrict88UTM reference12.305362.3765400

STRUCTURAL INFORMATION

structure length32.0substructureconcrete abutments, wingwalls and piersroadway width28.1floor/deckingasphalt roadway

structure width 30.1 other features none

HISTORICAL INFORMATION

 construction date
 1938
 designer/engineer
 Arizona Highway Department

 project number
 FAS 1-A
 builder/contractor
 Skousen Brothers, Albuquerque NM

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 15 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement undistinguished example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

city/vicinityAguilaUSGS quadrangleDate Creek Ranch SEdistrict88UTM reference12.308197.3767993

STRUCTURAL INFORMATION

structure length 74.0 substructure concrete abutments, wingwalls and piers roadway width 28.1 floor/decking asphalt roadway

structure width 30.1 other features none

HISTORICAL INFORMATION

alteration date(s)

construction date1939designer/engineerArizona Highway Departmentproject numberFAS 1-Abuilder/contractorSkousen Brothers, Albuquerque NMinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

 $\begin{array}{ccc} \textbf{inventory score} & 18 & \textbf{NRHP eligibility} & non-eligible \end{array}$

NRHP criteria A B C

signif. statement undistinguished example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

BRIDGE INVENTORY HISTORIC

Culvert

PROPERTY IDENTIFICATION

county Yavapai inventory number 04338 95.78 milepost inventory route SR 71 location 10.0 mi N E Jct US 60 feature intersected Wash

city/vicinity Aguila **USGS** quadrangle Date Creek Ranch SE district 88 **UTM** reference 12.311167.3770700

STRUCTURAL INFORMATION

main span number 4 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

structure length 49.0 substructure concrete abutments, wingwalls and piers 28.2 floor/decking roadway width asphalt roadway

30.2 none structure width other features

HISTORICAL INFORMATION

construction date 1939 designer/engineer Arizona Highway Department FAS 1-A project number builder/contractor Skousen Brothers, Albuquerque NM information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

inventory score NRHP eligibility non-eligible

> NRHP criteria C

signif. statement undistinguished example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

countyYavapaiinventory number04339milepost97.18inventory routeSR 71location5.7 mi SW Jct US 93feature intersectedWash

city/vicinityAguilaUSGS quadrangleDate Creek Ranch SEdistrict88UTM reference12.312602.3772027

STRUCTURAL INFORMATION

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 43.0 substructure concrete abutments, wingwalls and piers roadway width 28.2 floor/decking asphalt roadway

structure width 30.2 other features none

HISTORICAL INFORMATION

 construction date
 1939
 designer/engineer
 Arizona Highway Department

 project number
 FAS 1-A
 builder/contractor
 Skousen Brothers, Albuquerque NM

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alterations

alteration date(s)

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 16 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Sols Wash Culvert

county Yavapai inventory number 04340 101.37 milepost inventory route SR 71 1.5 mi SW Jct US 93 location feature intersected Sols Wash city/vicinity Aguila **USGS** quadrangle Congress SW district 88 **UTM** reference 12.317820.3776513

STRUCTURAL INFORMATION

main span number 6 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type main span length concrete box culvert 10.0 superstructure structure length 64.0 substructure concrete abutments, wingwalls and piers 33.2 floor/decking roadway width asphalt roadway 35.2

other features

none

HISTORICAL INFORMATION

structure width

construction date designer/engineer 1955 Arizona Highway Department NF-1(55) builder/contractor project number information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form** inventory score 06 NRHP eligibility non-eligible NRHP criteria C signif. statement undistinguished example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Yavapai inventory number 04341
milepost 101.78 inventory route SR 71
location 1.1 mi SW Jct US 93 feature intersected Wash

city/vicinityAguilaUSGS quadrangleCongress SWdistrict88UTM reference12.318432.3776788

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert

structure length 24.0 substructure concrete abutments, wingwalls and pier roadway width 28.0 floor/decking asphalt roadway

structure width 30.0 other features none

HISTORICAL INFORMATION

 construction date
 1940
 designer/engineer
 Arizona Highway Department

 project number
 FLH 11-A
 builder/contractor
 Skousen Brothers, Albuquerque NM

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s)

inventory score

alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation For

NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

UTM reference

PROPERTY IDENTIFICATION

county Yavapai inventory number 04342 102.15 milepost inventory route SR 71 0.8 mi SW Jct US 93 location feature intersected Wash city/vicinity Aguila **USGS** quadrangle Congress SW

STRUCTURAL INFORMATION

88

district

main span number 3 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type 10.0 concrete box culvert main span length superstructure structure length 37.0 substructure concrete abutments, wingwalls and piers

roadway width 28.0 floor/decking asphalt roadway

structure width 30.0 other features none

HISTORICAL INFORMATION

construction date1940designer/engineerArizona Highway Departmentproject numberFLH 11-Abuilder/contractorSkousen Brothers, Albuquerque NMinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 15 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type

12.319006.3777054

FORM COMPLETED BY

Clayton B. Fraser, Principal

BRIDGE INVENTORY HISTORIC

Culvert

PROPERTY IDENTIFICATION

county Yavapai inventory number 04343 103.15 milepost inventory route SR 71 location 0.3 mi NE Jct US 93 feature intersected Wash city/vicinity Aguila **USGS** quadrangle O'Neill Pass district 88 **UTM** reference 12.320470.3777714

STRUCTURAL INFORMATION

main span number 4 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type main span length 10.0 concrete box culvert superstructure structure length 49.0 substructure concrete abutments, wingwalls and piers floor/decking roadway width 28.1 asphalt roadway 30.1 none

other features

HISTORICAL INFORMATION

structure width

construction date designer/engineer 1940 Arizona Highway Department FLH 11-A project number builder/contractor Skousen Brothers, Albuquerque NM information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form** inventory score NRHP eligibility non-eligible NRHP criteria C signif. statement undistinguished example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Yavapai inventory number 04344 103.87 milepost inventory route SR 71 location 1.0 mi NE Jct US 93 feature intersected Wash city/vicinity Aguila **USGS** quadrangle O'Neill Pass district 88 **UTM** reference 12.321535.3778192

STRUCTURAL INFORMATION

main span number 5 main span type 219 appr. span number 0 appr. span type 0 degree of skew 45 guardrail type main span length 10.0 concrete box culvert superstructure structure length 75.0 substructure concrete abutments, wingwalls and piers floor/decking roadway width 28.0 asphalt roadway 30.0 none structure width other features

HISTORICAL INFORMATION

construction date1940designer/engineerArizona Highway Departmentproject numberFLH 11-Abuilder/contractorSkousen Brothers, Albuquerque NMinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

Inventory score 17

NRHP eligibility non-eligible

NRHP criteria A _____ B ___ C ___

signif. statement undistinguished example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Yavapai inventory number 04345 104.45 milepost inventory route SR 71 location 1.6 mi NE Jct US 93 feature intersected Wash city/vicinity Aguila **USGS** quadrangle O'Neill Pass district 88 **UTM** reference 12.322360.3778566

STRUCTURAL INFORMATION

main span number 4 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete box culvert main span length 10.0 superstructure structure length 43.0 substructure concrete abutments, wingwalls and piers floor/decking roadway width 33.0 asphalt roadway 35.0 none structure width other features

HISTORICAL INFORMATION

 construction date
 1951
 designer/engineer
 Arizona Highway Department

 project number
 NF-1(51)
 builder/contractor

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

 alteration date(s)
 alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

Inventory score 08

NRHP eligibility non-eligible

NRHP criteria A _____ B ___ C ___

signif. statement undistinguished example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Yavapai inventory number 04346 105.24 milepost inventory route SR 71 location 2.3 mi NE Jct US 93 feature intersected Wash city/vicinity Aguila **USGS** quadrangle O'Neill Pass

district 88 **UTM** reference 12.323512.3779097

STRUCTURAL INFORMATION

main span number 4 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type main span length 10.0 concrete box culvert superstructure structure length 49.0 substructure concrete abutments, wingwalls and piers floor/decking 33.0 asphalt roadway

roadway width 35.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1951 Arizona Highway Department NF-1(51) builder/contractor project number

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP criteria C

NRHP eligibility non-eligible

signif. statement undistinguished example of common structural type

FORM COMPLETED BY

inventory score 08

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Yavapai inventory number 04347 106.55 milepost inventory route SR 71 location 3.7 mi NE Jct US 93 feature intersected Wash city/vicinity Aguila **USGS** quadrangle O'Neill Pass district 88 **UTM** reference 12.325466.3779970

STRUCTURAL INFORMATION

main span number 5 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete box culvert main span length 10.0 superstructure structure length 53.0 substructure concrete abutments, wingwalls and piers floor/decking roadway width 33.0 asphalt roadway 35.0 none structure width other features

HISTORICAL INFORMATION

 construction date
 1951
 designer/engineer
 Arizona Highway Department

 project number
 NF-1(51)
 builder/contractor

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

 alteration date(s)
 alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

Inventory score 09

NRHP eligibility non-eligible

NRHP criteria A _____ B ___ C ___

signif. statement undistinguished example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Yavapai inventory number 04348 107.53 milepost inventory route SR 71 location 4.6 mi NE Jct US 93 feature intersected Wash city/vicinity Aguila **USGS** quadrangle O'Neill Pass district 88 **UTM** reference 12.326908.3780637

STRUCTURAL INFORMATION

main span number 6 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type main span length concrete box culvert 10.0 superstructure structure length 64.0 substructure concrete abutments, wingwalls and piers floor/decking roadway width 33.0 asphalt roadway

other features

HISTORICAL INFORMATION

structure width

35.0

 construction date
 1951
 designer/engineer
 Arizona Highway Department

 project number
 NF-1(51)
 builder/contractor

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

 alteration date(s)
 alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

Inventory score 10

NRHP eligibility non-eligible

NRHP criteria A ______ B ____ C _____

signif. statement undistinguished example of common structural type

none

FORM COMPLETED BY

Clayton B. Fraser, Principal

Butler Wash Bridge

PROP	ERTY	IDENT	IFICATI	NC
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county La Paz inventory number 00643 32.13 milepost inventory route SR 72 location 17.8 mi NW of Jct US 60 feature intersected Butler Wash city/vicinity Utting **USGS** quadrangle Bouse Hills West district 82 **UTM** reference 12.227072.3753265

STRUCTURAL INFORMATION

main span number 4 main span type 201 appr. span number 0 appr. span type 6 degree of skew guardrail type concrete slab main span length 30.0 superstructure structure length 111.0 substructure concrete abutments, wingwalls and piers roadway width 34.0 floor/decking concrete deck

structure width 37.0 other features steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date1961designer/engineerArizona Highway Departmentproject numberNS-265(61)Abuilder/contractorRoyden Construction Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)ca1990alterationsThrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 13 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Gila inventory number 04350 320.90 milepost inventory route SR 73 location 10.5 mi E Jct US 60 feature intersected Wash city/vicinity Cedar Creek **USGS** quadrangle Cedar Creek district **UTM** reference 12.575720.3749473

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type degree of skew guardrail type concrete box culvert main span length 12.0 superstructure structure length 25.0 substructure concrete abutments, wingwalls and pier 0.0 floor/decking roadway width asphalt roadway 0.0 none structure width other features

HISTORICAL INFORMATION

 construction date
 1959
 designer/engineer
 Arizona Highway Department

 project number
 USI-12(15)
 builder/contractor

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

 alteration date(s)
 alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

Inventory score 02

NRHP eligibility non-eligible

NRHP criteria A _____ B ___ C ___

signif. statement undistinguished example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Greenlee inventory number 04353 380.36 milepost inventory route SR 75 location 1.5 mi N Jct US 70 feature intersected Wash city/vicinity Duncan **USGS** quadrangle Duncan

district **UTM** reference 12.678643.3623797

STRUCTURAL INFORMATION

main span number 6 main span type 219 appr. span number 0 appr. span type degree of skew guardrail type concrete box culvert main span length 10.0 superstructure

structure length 66.0 substructure concrete abutments, wingwalls and piers

0.0 floor/decking roadway width asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1963 Arizona Highway Department S-218(9) builder/contractor project number

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 06 NRHP eligibility non-eligible

> NRHP criteria C

signif. statement undistinguished example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Greenlee inventory number 04354 381.08 milepost inventory route SR 75 location 2.2 mi N Jct US 70 feature intersected Wash city/vicinity Duncan **USGS** quadrangle Duncan

district 85 **UTM reference** 12.677785.3624560

STRUCTURAL INFORMATION

 $\begin{array}{lll} \mbox{main span number} & 4 & \mbox{main span type} & 219 \\ \mbox{appr. span number} & 0 & \mbox{appr. span type} & \end{array}$

 $\mbox{degree of skew} \qquad 0 \qquad \qquad \mbox{guardrail type}$

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 44.0 substructure concrete abutments, wingwalls and piers

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date 1963 designer/engineer Arizona Highway Department

project number S-218(9) builder/contractor
information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 04 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

 $\begin{array}{cccc} \textbf{county} & \textbf{Greenlee} & \textbf{inventory number} & 04355 \\ \textbf{milepost} & 382.41 & \textbf{inventory route} & SR~75 \\ \textbf{location} & 3.5 \ \text{mi} \ \text{N} \ \text{Jct} \ \text{US}~70 & \textbf{feature intersected} & Wash \\ \end{array}$

city/vicinityDuncanUSGS quadrangleGoat Camp Springdistrict84UTM reference12.675980.3625380

STRUCTURAL INFORMATION

main span length10.0superstructureconcrete box culvertstructure length23.0substructureconcrete abutments, wingwalls and pier

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date 1963 designer/engineer Arizona Highway Department project number S-218(10) builder/contractor

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 02 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Sand Wash Bridge

PROPERTY IDENTIFICATION

county Greenlee inventory number 00805 384.05 milepost inventory route SR 75 location 14.4 mi S Jct US 191 feature intersected Sand Wash city/vicinity Sheldon **USGS** quadrangle Sheldon

district 84 **UTM reference** 12.673670.3626790

STRUCTURAL INFORMATION

main span length 25.0 superstructure concrete slab

structure length 162.0 **substructure** concrete abutments and wingwalls with concrete

column piers

 ${\it roadway width} \qquad 24.0 \qquad {\it floor/decking} \qquad {\it concrete deck}$

structure width 27.0 other features solid concrete guardrails

HISTORICAL INFORMATION

construction date1940designer/engineerArizona Highway Departmentproject numberNFA 13(2)builder/contractorW.E. Orr, Phoenix AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s)

alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 30 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Little Sand Wash Culvert

 $\begin{array}{cccc} \textbf{county} & \textbf{Greenlee} & \textbf{inventory number} & 04356 \\ \textbf{milepost} & 384.59 & \textbf{inventory route} & SR~75 \\ \end{array}$

location 5.7 mi N Jct US 70 feature intersected Little Sand Wash

city/vicinity Sheldon USGS quadrangle Sheldon

district 84 **UTM reference** 12.673116.3627306

STRUCTURAL INFORMATION

 $\begin{array}{lll} \text{main span number} & 3 & \text{main span type} & 219 \\ \text{appr. span number} & 0 & \text{appr. span type} \end{array}$

degree of skew 30 guardrail type

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 37.0 substructure concrete abutments, wingwalls and piers

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date 1963 designer/engineer Arizona Highway Department

project number S-218(10) builder/contractor

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 03 NRHP eligibility non-eligible

NRHP criteria A _____ B ___ C ____

 $\textbf{signif. statement} \hspace{0.2cm} \textbf{undistinguished example of common structural type} \\$

FORM COMPLETED BY

Clayton B. Fraser, Principal

China Camp Wash Culvert

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 $\begin{array}{cccc} \textbf{county} & Greenlee & \textbf{inventory number} & 04359 \\ \textbf{milepost} & 388.49 & \textbf{inventory route} & SR~75 \\ \end{array}$

location 9.6 mi North of Jct US 70 feature intersected China Camp Wash

city/vicinity Sheldon USGS quadrangle Sheldon

district 84 **UTM reference** 12.670976.3633100

STRUCTURAL INFORMATION

 $\begin{array}{lll} \mbox{main span number} & 6 & \mbox{main span type} & 219 \\ \mbox{appr. span number} & 0 & \mbox{appr. span type} & \end{array}$

degree of skew 0 guardrail type

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 64.0 substructure concrete abutments, wingwalls and piers

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date 1938 designer/engineer Arizona Highway Department

project number NFA 13 builder/contractor Tanner Construction Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1965 alterations barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 10 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement undistinguished example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

BRIDGE INVENTORY HISTORIC

Sanders Wash Bridge

PROPERTY	IDENTIFICATION
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county Greenlee inventory number 00202 388.70 milepost inventory route SR 75 location 9.7 mi S Jct US 191 feature intersected Sanders Wash city/vicinity Sheldon **USGS** quadrangle Sheldon

district **UTM** reference 12.670873.3633424

STRUCTURAL INFORMATION

main span number 4 main span type 201 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete slab main span length 25.0 superstructure

structure length 112.0 substructure concrete abutments and wingwalls with concrete

column piers

34.0 concrete deck with asphalt overlay roadway width floor/decking

aluminum tubular guardrails over concrete curbs structure width 36.7 other features

HISTORICAL INFORMATION

construction date 1938 designer/engineer Arizona Highway Department

project number NFA 13(2) builder/contractor Tanner Construction Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1965 alterations deck widened and guardrails replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 22 NRHP eligibility non-eligible

> **NRHP** criteria C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Bitter Creek Bridge

PROPERTY IDENTIFICATION

county Greenlee inventory number 00242 389.83 milepost inventory route SR 75 location 8.6 mi S Jct US 191 feature intersected Bitter Creek city/vicinity Sheldon **USGS** quadrangle Sheldon

district 84 **UTM reference** 12.670247.3635228

STRUCTURAL INFORMATION

structure length 137.0 substructure concrete abutments and wingwalls with concrete

column piers

roadway width 34.0 floor/decking concrete deck with asphalt overlay

structure width 36.6 other features aluminum tubular guardrails over concrete curbs

HISTORICAL INFORMATION

 construction date
 1940
 designer/engineer
 Arizona Highway Department

 project number
 NFA 13(2)
 builder/contractor
 W.E. Orr, Phoenix AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) 1965 alterations deck widened and guardrails replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 23 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Kaywood Wash Culvert

DEDTV	IDENTIFICATION	N

 $\begin{array}{cccc} \textbf{county} & \textbf{Greenlee} & \textbf{inventory number} & 04362 \\ \textbf{milepost} & 391.32 & \textbf{inventory route} & SR~75 \\ \end{array}$

location 7.1 mi South Jct US 191 feature intersected Kaywood Wash

city/vicinity Sheldon USGS quadrangle Sheldon

district 84 **UTM reference** 12.669765.3637467

STRUCTURAL INFORMATION

 $\begin{array}{lll} \mbox{main span number} & 5 & \mbox{main span type} & 219 \\ \mbox{appr. span number} & 0 & \mbox{appr. span type} & \end{array}$

degree of skew 0 guardrail type

 $\begin{tabular}{lll} {\bf main span length} & 10.0 & {\bf superstructure} & {\bf concrete \ box \ culvert} \\ \end{tabular}$

structure length 55.0 substructure concrete abutments, wingwalls and piers

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date 1940 designer/engineer Arizona Highway Department

project number AFE 750(7) builder/contractor Tanner Construction Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1967 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 09 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

district 84 **UTM reference** 12.668622.3642077

STRUCTURAL INFORMATION

main span number 2 main span type 219
appr. span number 0 appr. span type degree of skew 0 guardrail type

main span length10.0superstructureconcrete box culvertstructure length21.0substructureconcrete abutments, wingwalls and pier

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date 1940 designer/engineer Arizona Highway Department

project numberAFE 750(7)builder/contractorTanner Construction Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) 1967 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 06 NRHP eligibility non-eligible

NRHP criteria A _____ B ___ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Greaser Wash Culvert

PROPERTY IDENTIFICATION

county Greenlee inventory number 04365 394.98 milepost inventory route SR 75 location 3.4 mi South Jct US 191 feature intersected Greaser Wash city/vicinity York **USGS** quadrangle York

district 84 **UTM** reference 12.668583.3643073

STRUCTURAL INFORMATION

main span number 6 main span type 219 appr. span number 0 appr. span type degree of skew guardrail type 10.0 concrete box culvert superstructure main span length structure length 74.0 substructure concrete abutments, wingwalls and piers roadway width 0.0 floor/decking asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1940 Arizona Highway Department AFE 750(7) project number builder/contractor Tanner Construction Company, Phoenix AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1967 barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Cottonwood Creek Bridge

PROPERTY	IDENTIFICATION
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 $\begin{array}{cccc} \textbf{county} & \textbf{Greenlee} & \textbf{inventory number} & 00243 \\ \textbf{milepost} & 395.75 & \textbf{inventory route} & SR~75 \\ \end{array}$

location 2.7 mi S Jct US 191 feature intersected Cottonwood Creek

city/vicinity York USGS quadrangle York

district 84 **UTM reference** 12.668364.3644207

STRUCTURAL INFORMATION

main span number 6 main span type 201 appr. span number 0 appr. span type degree of skew guardrail type 1 concrete slab main span length 25.0 superstructure structure length 162.0 substructure concrete abutments and wingwalls with concrete

goluma alore

column piers

roadway width34.0floor/deckingconcrete deck with asphalt overlaystructure width36.8other featuresaluminum tubular guardrails with concrete

bulkheads

HISTORICAL INFORMATION

construction date 1940 designer/engineer Arizona Highway Department

project numberAFE 750(7)builder/contractorTanner Construction Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1968alterationsdeck widened and guardrails replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 24 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

CA Bar Wash Bridge

PROPERTY	IDENTIFICATION	

county Greenlee inventory number 00251 396.90 milepost inventory route SR 75 location 1.5 mi S Jct US 191 feature intersected CA Bar Wash city/vicinity York **USGS** quadrangle York

district 84 **UTM reference** 12.666952.3645298

STRUCTURAL INFORMATION

main span number 7 main span type 201 appr. span number 0 appr. span type degree of skew guardrail type 1 concrete slab main span length 25.0 superstructure structure length 174.0 substructure concrete abutments and wingwalls with concrete column piers 34.0 concrete deck with asphalt overlay roadway width floor/decking

structure width 36.8 other features aluminum tubular guardrails with concrete

bulkheads

HISTORICAL INFORMATION

construction date1941designer/engineerArizona Highway Departmentproject numberFAP 138-A(1)builder/contractorGeorge W. Orr, El Paso TX

information sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1967alterationsdeck widened and guardrails replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 19 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Rillito Overpass

PROPERTY IDENTIFICATION

location 0.11 mi E Jct I 10 feature intersected Southern Pacific Railroad

city/vicinity Tucson USGS quadrangle Jaynes

district 81 **UTM reference** 12.499903.3569335

STRUCTURAL INFORMATION

 $\begin{tabular}{lll} \textbf{main span length} & 40.0 & \textbf{superstructure} & steel I-beam stringer \\ \end{tabular}$

structure length 123.0 substructure concrete abutments and spill-through piers roadway width 36.0 floor/decking concrete deck with asphalt overlay

structure width 41.0 other features concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

 construction date
 1957
 designer/engineer
 Arizona Highway Department

 project number
 FG 011-1(2)
 builder/contractor
 Western Constructors Inc., Phoenix AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) 1985 1995 alterations guardrails replaced with Jersey barriers; expansion

joint and rocker bearing repairs

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 12 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Rillito Overpass

PROPERTY	IDENTIFICATION
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 $\begin{array}{cccc} \textbf{county} & \text{Pima} & \textbf{inventory number} & 00503 \\ \textbf{milepost} & 68.25 & \textbf{inventory route} & SR~77; WB \\ \end{array}$

location 0.11 mi E Jct I 10 feature intersected Southern Pacific Railroad

city/vicinity Tucson USGS quadrangle Jaynes

district 81 **UTM reference** 12.499910.3569324

STRUCTURAL INFORMATION

 $\begin{tabular}{lll} \textbf{main span length} & 40.0 & \textbf{superstructure} & steel I-beam stringer \\ \end{tabular}$

structure length 123.0 substructure concrete abutments and spill-through piers roadway width 36.0 floor/decking concrete deck with asphalt overlay

structure width 41.0 other features concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date1957designer/engineerArizona Highway Departmentproject numberFG 011-1(2)builder/contractorWestern Constructors Inc., Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) 1985 1995 alterations guardrails replaced with Jersey barriers; expansion

joint and rocker bearing repairs

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

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inventory score 12 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

BRIDGE INVENTORY HISTORIC

Culvert

PROPERTY IDENTIFICATION

county Pima inventory number 05219

68.49 milepost inventory route SR 77; Miracle Mile

location at Jct Flowing Wells feature intersected Wash

city/vicinity Tucson **USGS** quadrangle Tucson North district 81 **UTM** reference 12.500364.3569390

STRUCTURAL INFORMATION

main span number 4 main span type 219

appr. span number 0 appr. span type 6 degree of skew guardrail type

concrete box culvert 8.0 superstructure main span length

structure length 40.0 substructure concrete abutments, wingwalls and piers

roadway width 86.0 floor/decking asphalt roadway

steel Thrie beam guardrails 103.0 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1931 Arizona Highway Department FAP 94-F project number builder/contractor Packard & Tanner, Phoenix AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations ca1990 Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

Pima Wash Culvert

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county Pima inventory number 04730 72.46 milepost inventory route SR 77 location 18.5 mi S Jct SR 79 feature intersected Pima Wash city/vicinity Tucson **USGS** quadrangle Tucson North district 81 **UTM** reference 12.501960.3574027

STRUCTURAL INFORMATION

main span number 4 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete box culvert 12.0 superstructure main span length structure length 59.0 substructure concrete abutments, wingwalls and piers roadway width 0.0 floor/decking asphalt roadway steel Thrie beam guardrails 0.0 structure width other features

HISTORICAL INFORMATION

 construction date
 1951
 designer/engineer
 Arizona Highway Department

 project number
 S-111(6)
 builder/contractor

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

 alteration date(s)
 1970 ca1980
 alterations
 barrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00

NRHP eligibility non-eligible

NRHP criteria A ______ B ____ C ____

signif. statement typical, relatively late example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

city/vicinityTucsonUSGS quadrangleTucson Northdistrict81UTM reference12.502678.3580690

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert structure length 53.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

 $\begin{array}{ccc} \textbf{structure width} & 0.0 & \textbf{other features} & \text{steel Thrie beam guardrails} \\ \end{array}$

HISTORICAL INFORMATION

 construction date
 1953
 designer/engineer
 Arizona Highway Department

 project number
 S-111(7)
 builder/contractor
 Pioneer Constructors, Tucson AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) 1979 **alterations** barrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 05 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pima inventory number 04732 78.90 milepost inventory route SR 77 location 12.1 mi S Jct SR 79 feature intersected Wash city/vicinity Oro Valley **USGS** quadrangle Oro Valley

district 81 **UTM reference** 12.503533.3584008

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert structure length 53.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 other features steel Thrie beam guardrails

HISTORICAL INFORMATION

 construction date
 1953
 designer/engineer
 Arizona Highway Department

 project number
 S-111(7)
 builder/contractor
 Pioneer Constructors, Tucson AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) 1979 **alterations** barrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 05 NRHP eligibility non-eligible

NRHP criteria A _____ B ___ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Twentyseven Wash Culvert

PROPERTY IDENTIFICATION

 $\begin{array}{cccc} \textbf{county} & \text{Pima} & \textbf{inventory number} & 04733 \\ \textbf{milepost} & 85.99 & \textbf{inventory route} & SR 77 \\ \end{array}$

location 5.0 mi S Jct SR 79 feature intersected Twentyseven Wash

city/vicinity Catalina USGS quadrangle Oro Valley

district 81 **UTM reference** 12.507285.3594180

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert structure length 90.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1954 designer/engineer Arizona Highway Department

project number S-111(8) builder/contractor M.M. Sundt Construction Company, Tucson AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1989 alterations barrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 07 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

BRIDGE INVENTORY HISTORIC

Twentynine Wash Culvert

PROPERTY IDENTIFICATION

county Pinal inventory number 04734 88.70 milepost inventory route SR 77

location 2.4 mi S Jct SR 79 feature intersected Twentynine Wash city/vicinity Catalina **USGS** quadrangle Oracle Junction district **UTM** reference 12.506795.3598353

STRUCTURAL INFORMATION

main span number 3 main span type 219 appr. span number 0 appr. span type

degree of skew guardrail type

concrete box culvert 10.0 superstructure main span length

33.0 structure length substructure concrete abutments, wingwalls and piers roadway width 0.0

floor/decking asphalt roadway

steel Thrie beam guardrails 0.0 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1955 Arizona Highway Department

project number S-111(9) builder/contractor San Xavier Rock & Sand Company, Tucson AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1995 barrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Tascal Ravine Culvert

PROPERTY IDENTIFICATION

county Pinal inventory number 04736 90.30 milepost inventory route SR 77 location 0.7 mi S Jct SR 79 feature intersected Tascal Ravine city/vicinity Oracle Junction **USGS** quadrangle Oracle Junction district **UTM** reference 12.506502.3600497

STRUCTURAL INFORMATION

main span number 6 main span type 219 appr. span number 0 appr. span type degree of skew guardrail type concrete box culvert 10.0 superstructure main span length structure length 76.0 substructure concrete abutments, wingwalls and piers roadway width 0.0 floor/decking asphalt roadway steel Thrie beam guardrails 0.0 structure width other features

HISTORICAL INFORMATION

construction date1955designer/engineerArizona Highway Departmentproject numberS-111(9)builder/contractorSan Xavier Rock & Sand Company, Tucson AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1994alterationsbarrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

inventory score 02

NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537 May 2009

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

Culvert

PROPERTY IDENTIFICATION

city/vicinityOracle JunctionUSGS quadrangleOracle Junctiondistrict81UTM reference12.507040.3603400

STRUCTURAL INFORMATION

structure length 42.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

 $\begin{array}{ccc} \textbf{structure width} & 0.0 & \textbf{other features} & \text{steel Thrie beam guardrails} \\ \end{array}$

HISTORICAL INFORMATION

construction date1941designer/engineerArizona Highway Departmentproject numberAFE 7714builder/contractor

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1973 ca1990 alterations barrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 02 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

San Manuel Overpass

PROPERTY IDENTIFICATION

county Pinal inventory number 00499 109.15 milepost inventory route SR 77 location at Jct with Old SR 76 feature intersected Old SR76 city/vicinity Mammoth **USGS** quadrangle Mammoth

district **UTM** reference 12.529710.3614103

STRUCTURAL INFORMATION

main span number 1 main span type 302 101 appr. span number 2 appr. span type 5 degree of skew 5 guardrail type

steel I-beam stringer 45.0 superstructure main span length structure length 96.0 substructure concrete abutments floor/decking roadway width 40.0 concrete deck

45.0 steel baluster guardrails structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1957 Arizona Highway Department

SG-253(4) project number builder/contractor Fisher Contracting Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

inventory score 20 NRHP eligibility non-eligible

> NRHP criteria C

signif. statement undistinguished example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

San Manuel Railroad Overpass

PROPERTY IDENTIFICATION

county Pinal inventory number 00500 109.27 milepost inventory route SR 77 location 0.2 mi N of Jct Old SR 76 feature intersected Railroad city/vicinity Mammoth **USGS** quadrangle Mammoth

district 81 **UTM reference** 12.529914.3614163

STRUCTURAL INFORMATION

structure length 112.0 substructure concrete abutments and column pier

roadway width 40.0 floor/decking concrete deck

structure width 45.0 other features steel baluster guardrails

HISTORICAL INFORMATION

construction date 1957 designer/engineer Arizona Highway Department

project numberSG-253(4)builder/contractorFisher Contracting Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 23 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Mammoth Wash Bridge

PROPERTY IDENTIFICATION

countyPinalinventory number00493milepost112.77inventory routeSR 77

district 81 **UTM** reference 12.533380.3618105

STRUCTURAL INFORMATION

main span length 25.0 superstructure concrete slab

structure length 144.0 **substructure** concrete abutments and wingwalls with concrete

column piers

 ${\bf roadway\ width} \qquad \qquad {\bf 40.0} \qquad \qquad {\bf floor/decking} \qquad \qquad {\bf concrete\ deck}$

structure width 45.0 other features steel baluster guardrails

HISTORICAL INFORMATION

construction date 1956 designer/engineer Arizona Highway Department

project numberNS-253(A)builder/contractorWestern Constructors Inc., Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 22 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pinal inventory number 04375 114.95 milepost inventory route SR 77 location 5.9 mi N of Jct Old SR 76 feature intersected Wash city/vicinity Mammoth **USGS** quadrangle Mammoth

district 81 **UTM** reference 12.533060.3621502

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete box culvert main span length 10.0 superstructure 21.0 structure length substructure concrete abutments, wingwalls and pier 0.0 floor/decking roadway width asphalt roadway

structure width 0.0 other features none

HISTORICAL INFORMATION

alteration date(s)

 construction date
 1960
 designer/engineer
 Arizona Highway Department

 project number
 NS-253(60)C
 builder/contractor
 Kenneth A. Ethridge Construction Co., Tucson A

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 08 NRHP eligibility non-eligible

NRHP criteria A B C

NRHP criteria A _____ B ____ C ____ signif. statement typical, relatively late example of common structural type

signii. Statement typicai, iciauvely late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pinal inventory number 04376 115.05 milepost inventory route SR 77 location 6.0 mi N of Jct Old SR 76 feature intersected Wash city/vicinity Mammoth **USGS** quadrangle Mammoth

district 81 **UTM** reference 12.533022.3621686

STRUCTURAL INFORMATION

structure length 32.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date 1960 designer/engineer Arizona Highway Department

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 09 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Tucson Wash Bridge

PROPERTY IDENTIFICATION

county Pinal inventory number 00608 115.38 milepost inventory route SR 77 location 6.2 mi N of Jct Old SR 76 feature intersected Tucson Wash city/vicinity Mammoth **USGS** quadrangle Mammoth district **UTM** reference 12.532907.3622146

STRUCTURAL INFORMATION

main span number 3 main span type 402 appr. span number 0 appr. span type 9 degree of skew 25 guardrail type 65.0 superstructure steel I-beam stringer main span length structure length 173.0 substructure concrete abutments, wingwalls and piers roadway width 45.8 floor/decking concrete deck concrete Jersey barrier guardrails with Thrie beams 60.4 structure width other features at approaches

HISTORICAL INFORMATION

 construction date
 1960
 designer/engineer
 Arizona Highway Department

 project number
 NS-253(60)C
 builder/contractor
 Kenneth A. Ethridge Construction Co., Tucson A

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

 alteration date(s)
 1999
 alterations
 deck widened and guardrails replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

Inventory score 14

NRHP eligibility non-eligible

NRHP criteria A ______ B ____ C ____

signif. statement typical, relatively late example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

San Pedro River Bridge

PROPERTY IDENTIFICATION

countyPinalinventory number00664milepost115.75inventory routeSR 77

district 81 **UTM reference** 12.533007.3622817

STRUCTURAL INFORMATION

main span length 96.0 superstructure steel I-beam stringer structure length 349.0 substructure concrete abutments, w

structure length349.0substructureconcrete abutments, wingwalls and piersroadway width31.6floor/deckingconcrete deck with asphalt overlaystructure width35.5other featuresaluminum tubes over concrete guardrails

HISTORICAL INFORMATION

construction date 1961 designer/engineer Arizona Highway Department

project numberS-253(15)builder/contractorMartin Construction Company, Tucson AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

 alteration date(s)
 1995
 1999
 alterations
 bank protection installed; new approach slab built

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 15 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typically configured example of common, later structural

type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

city/vicinityMammothUSGS quadrangleLookout Mountaindistrict81UTM reference12.533052.3623980

STRUCTURAL INFORMATION

structure length 43.0 substructure concrete abutments, wingwalls and piers

roadway width 52.4 floor/decking asphalt roadway

structure width 54.4 other features none

HISTORICAL INFORMATION

construction date 1961 designer/engineer Arizona Highway Department

project numberNS-253(61)Abuilder/contractorMartin Construction Company, Tucson AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

 $\begin{array}{ccc} \textbf{inventory score} & 10 & \textbf{NRHP eligibility} & non-eligible \end{array}$

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

BRIDGE INVENTORY HISTORIC

Culvert

PROPERTY IDENTIFICATION

county Pinal inventory number 04378 117.06 milepost inventory route SR 77 location 17.7 mi South Jct SR 177 feature intersected Wash

city/vicinity Mammoth **USGS** quadrangle Lookout Mountain district **UTM** reference 12.532704.3624575

STRUCTURAL INFORMATION

main span number 5 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete box culvert main span length 10.0 superstructure

54.0 structure length substructure concrete abutments, wingwalls and piers

floor/decking roadway width 0.0 asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1961 Arizona Highway Department

NS-253(61)A project number builder/contractor Martin Construction Company, Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 11 NRHP eligibility non-eligible

> NRHP criteria В C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

city/vicinityMammothUSGS quadrangleLookout Mountaindistrict81UTM reference12.531646.3626412

STRUCTURAL INFORMATION

structure length49.0substructureconcrete abutments, wingwalls and piersroadway width0.0floor/deckingasphalt roadway

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date1961designer/engineerArizona Highway Departmentproject numberNS-253(61)Abuilder/contractorMartin Construction Company,

project number NS-253(61)A builder/contractor Martin Construction Company, Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

 $\begin{array}{ccc} \textbf{inventory score} & 10 & \textbf{NRHP eligibility} & non-eligible \end{array}$

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

city/vicinityMammothUSGS quadrangleLookout Mountaindistrict81UTM reference12.531212.3627174

STRUCTURAL INFORMATION

main span length10.0superstructureconcrete box culvertstructure length21.0substructureconcrete abutments, wingwalls and pier

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date 1961 designer/engineer Arizona Highway Department

project numberNS-253(61)Abuilder/contractorMartin Construction Company, Tucson AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

 $\begin{array}{ccc} \text{inventory score} & 08 & & \text{NRHP eligibility} & \text{non-eligible} \end{array}$

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Zapata Wash Bridge

PROPERTY IDENTIFICATION

county Pinal inventory number 00634 119.21 milepost inventory route SR 77 location 15.6 mi South Jct SR 177 feature intersected Zapata Wash city/vicinity Mammoth **USGS** quadrangle Lookout Mountain district **UTM** reference 12.530887.3627740

STRUCTURAL INFORMATION

main span number 5 main span type 201 appr. span number 0 appr. span type 3 degree of skew 45 guardrail type concrete slab 35.0 superstructure main span length structure length 166.0 substructure concrete abutments, wingwalls and piers

roadway width 30.3 floor/decking concrete deck structure width 35.2 other features steel guardrails

HISTORICAL INFORMATION

 construction date
 1961
 designer/engineer
 Arizona Highway Department

 project number
 NS-253(61)A
 builder/contractor
 Martin Construction Company, Tucson AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 2001 alterations guardrails replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 14 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

BRIDGE INVENTORY HISTORIC

Culvert

PROPERTY IDENTIFICATION

county Pinal inventory number 04381 119.93 milepost inventory route SR 77 location 14.9 mi South Jct SR 177 feature intersected Wash

city/vicinity Mammoth **USGS** quadrangle Lookout Mountain district **UTM** reference 12.530312.3628714

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type 0 degree of skew 45 guardrail type 10.0 concrete box culvert superstructure main span length

structure length 29.0 substructure concrete abutments, wingwalls and pier

floor/decking roadway width 0.0 asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1961 Arizona Highway Department

NS-253(61)A project number builder/contractor Martin Construction Company, Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 08 NRHP eligibility non-eligible

NRHP criteria В C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

countyPinalinventory number04382milepost120.31inventory routeSR 77location14.5 mi South Jct SR 177feature intersectedWash

city/vicinityMammothUSGS quadrangleLookout Mountaindistrict81UTM reference12.530014.3629276

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert structure length 25.0 substructure concrete abutments, wingwalls and pier

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 other features none

HISTORICAL INFORMATION

alteration date(s)

construction date 1961 designer/engineer Arizona Highway Department

project numberNS-253(61)Abuilder/contractorMartin Construction Company, Tucson AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

 $\begin{array}{ccc} \text{inventory score} & 08 & & \text{NRHP eligibility} & \text{non-eligible} \end{array}$

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

city/vicinityMammothUSGS quadrangleLookout Mountaindistrict81UTM reference12.529786.3629680

STRUCTURAL INFORMATION

structure length 25.0 **substructure** concrete abutments, wingwalls and pier

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date 1962 designer/engineer Arizona Highway Department

 project number
 S-253(16)
 builder/contractor
 Ashton Building Company Inc., Tucson AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

 $\begin{array}{ccc} \textbf{inventory score} & 08 & \textbf{NRHP eligibility} & non-eligible \end{array}$

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

BRIDGE INVENTORY HISTORIC

Culvert

PROPERTY IDENTIFICATION

county Pinal inventory number 04384 121.16 milepost inventory route SR 77 location 13.6 mi South Jct SR 177 feature intersected Wash

city/vicinity Dudleyville **USGS** quadrangle Lookout Mountain district **UTM** reference 12.529368.3630460

STRUCTURAL INFORMATION

main span number 3 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type 10.0 concrete box culvert superstructure main span length

structure length 37.0 substructure concrete abutments, wingwalls and piers

floor/decking roadway width 0.0 asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1962 Arizona Highway Department

S-253(16) project number builder/contractor Ashton Building Company Inc., Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 09 NRHP eligibility non-eligible

> NRHP criteria В C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

BRIDGE INVENTORY HISTORIC

Culvert

PROPERTY IDENTIFICATION

county Pinal inventory number 04385 121.49 milepost inventory route SR 77 location 13.3 mi South Jct SR 177 feature intersected Wash

city/vicinity Dudleyville **USGS** quadrangle Lookout Mountain district **UTM** reference 12.529065.3630892

STRUCTURAL INFORMATION

main span number 3 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete box culvert main span length 10.0 superstructure

structure length 32.0 substructure concrete abutments, wingwalls and piers

floor/decking roadway width 0.0 asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1962 Arizona Highway Department

S-253(16) project number builder/contractor Ashton Building Company Inc., Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 09 NRHP eligibility non-eligible

> NRHP criteria В C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Aravaipa Creek Bridge

PROPERTY IDENTIFICATION

 county
 Pinal
 inventory number
 00399

 milepost
 123.52
 inventory route
 SR 77

 location
 11.3 mi South Jct SR 177
 feature intersected
 Aravaipa Creek

 city/vicinity
 Dudleyville
 USGS quadrangle
 Havden

district 81 **UTM reference** 12.522348.3663340

STRUCTURAL INFORMATION

main span length 63.0 superstructure steel I-beam stringer structure length 397.0 substructure concrete abutments, wi

structure length 397.0 substructure concrete abutments, wingwalls and piers roadway width 26.0 floor/decking concrete deck

structure width 28.0 other features steel beam guardrails with Thrie beams at

approaches

HISTORICAL INFORMATION

construction date designer/engineer 1953 Arizona Highway Department NF-253(53)A project number builder/contractor Western Constructors Inc., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1982 alterations 1968 1980 substructural repairs; superstructure lengthened

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 22 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Livesay Wash Culvert

PROPERTY	IDENTIFICATION
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county Pinal inventory number 04386 125.39 milepost inventory route SR 77 location 9.4 mi South Jct SR 177 feature intersected Livesay Wash city/vicinity Dudleyville **USGS** quadrangle Lookout Mountain district **UTM** reference 12.527157.3636397

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type degree of skew guardrail type concrete box culvert main span length 12.0 superstructure structure length 25.0 substructure concrete abutments, wingwalls and pier floor/decking roadway width 0.0 asphalt roadway 0.0 none structure width other features

HISTORICAL INFORMATION

 construction date
 1963
 designer/engineer
 Arizona Highway Department

 project number
 S-253(1)B
 builder/contractor

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

 alteration date(s)
 alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

Inventory score 02

NRHP eligibility non-eligible

NRHP criteria A B C Signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Gila inventory number 04393 136.22 milepost inventory route SR 77 location 0.1 mi S Jct SR 177 feature intersected Wash city/vicinity Hayden **USGS** quadrangle Hayden

district 83 **UTM reference** 12.522427.3651953

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert structure length 21.0 substructure concrete abutments, wingwalls and pier

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1963 designer/engineer Arizona Highway Department

project numberS-253(19)builder/contractorHagen Construction Company, Globe AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)ca1990alterationsThrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

O'Carroll Canyon Culvert

PROPERTY IDENTIFICATION

location4.9 mi N Jct SR 177feature intersectedO'Carroll Canyoncity/vicinityHaydenUSGS quadrangleChristmas

district 83 **UTM reference** 12.524090.3653537

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert structure length 34.0 substructure concrete abutments, w

structure length34.0substructureconcrete abutments, wingwalls and piersroadway width0.0floor/deckingasphalt roadway

structure width 0.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1963 designer/engineer Arizona Highway Department

project numberS-253(19)builder/contractorHagen Construction Company, Globe AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)ca1990alterationsThrie beam guardrails installed

Time beam guardians instance

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Copper Canyon Culvert

PROPERTY IDENTIFICATION

 $\begin{array}{cccc} \textbf{county} & \textbf{Gila} & \textbf{inventory number} & 04395 \\ \textbf{milepost} & 145.01 & \textbf{inventory route} & SR~77 \\ \end{array}$

location 10.2 mi N Jct SR 177 feature intersected Copper Canyon Culvert

city/vicinity Christmas USGS quadrangle Christmas

district 83 **UTM reference** 12.525703.3658402

STRUCTURAL INFORMATION

structure length 42.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

 $\begin{array}{ccc} \textbf{structure width} & 0.0 & \textbf{other features} & \text{steel Thrie beam guardrails} \\ \end{array}$

HISTORICAL INFORMATION

construction date 1963 designer/engineer Arizona Highway Department

 project number
 S-253(17)
 builder/contractor
 Hagen Construction Company, Globe AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) ca1990 alterations Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A _____ B ___ C ____

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Gila inventory number 04396 147.25 milepost inventory route SR 77 location 12.4 mi North Jct SR 177 feature intersected Wash city/vicinity Christmas **USGS** quadrangle Christmas

district 83 **UTM reference** 12.526115.3661360

STRUCTURAL INFORMATION

main span number 2 main span type 219

appr. span number 0 appr. span type
degree of skew 0 guardrail type 0

main span length 10.0 superstructure concrete box culvert

structure length 21.0 **substructure** concrete abutments, wingwalls and pier

roadway width 29.5 floor/decking asphalt roadway

structure width 31.5 other features none

HISTORICAL INFORMATION

construction date 1953 designer/engineer Arizona Highway Department

project number NF-253(53)B builder/contractor Kolob Construction Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

unoran

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 12 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

BRIDGE INVENTORY HISTORIC

Dripping Springs Bridge

PROPERTY IDENTIFICATION

county Gila inventory number 00398 147.65 milepost inventory route SR 77

location 12.8 mi N Jct SR 177 feature intersected **Dripping Springs** city/vicinity Christmas **USGS** quadrangle Christmas

district **UTM** reference 12.525524.3661636

STRUCTURAL INFORMATION

main span number 4 main span type 402 appr. span number 0 appr. span type degree of skew guardrail type 1 62.0 superstructure steel I-beam stringer main span length

229.0 structure length substructure concrete abutments, wingwalls and piers

roadway width 26.2 floor/decking concrete deck

aluminum tubular guardrails with concrete 28.5 structure width other features

bulkheads

HISTORICAL INFORMATION

construction date designer/engineer 1953 Arizona Highway Department

NF-253(53)B project number builder/contractor Kolob Construction Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score NRHP eligibility non-eligible

NRHP criteria

signif. statement undistinguished example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

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FNU	FERII	IDENTIFIC	AIIUI

county Gila inventory number 04397 149.27 milepost inventory route SR 77 location 14.5 mi North Jct SR 177 feature intersected Wash city/vicinity Christmas **USGS** quadrangle Hayden

district 83 **UTM reference** 12.523302.3662865

STRUCTURAL INFORMATION

main span number 4 main span type 219
appr. span number 0 appr. span type
degree of skew 0 guardrail type 0

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 43.0 substructure concrete abutments, wingwalls and piers

roadway width 31.8 floor/decking asphalt roadway

structure width 33.8 other features none

HISTORICAL INFORMATION

construction date 1955 designer/engineer Arizona Highway Department

project number NFA 253(A) builder/contractor information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 04 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Gila inventory number 04398 149.54 milepost inventory route SR 77 location 14.7 mi North Jct SR 177 feature intersected Wash city/vicinity Christmas **USGS** quadrangle Hayden

district 83 **UTM reference** 12.522917.3663060

STRUCTURAL INFORMATION

main span number 3 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type 10.0 concrete box culvert main span length superstructure structure length 36.0 substructure concrete abutments, wingwalls and piers

roadway width 31.0 floor/decking asphalt roadway

structure width 33.0 other features none

HISTORICAL INFORMATION

 construction date
 1955
 designer/engineer
 Arizona Highway Department

 project number
 NFA 253(54)A
 builder/contractor
 Western Constructors Inc., Phoenix AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alterations

alteration date(s)

unorumon uuto(o)

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation For

inventory score 09 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

city/vicinityChristmasUSGS quadrangleLookout Mountaindistrict81UTM reference12.527095.3633490

STRUCTURAL INFORMATION

structure length 32.0 **substructure** concrete abutments, wingwalls and piers

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

structure width 0.0 other features none

HISTORICAL INFORMATION

 construction date
 1955
 designer/engineer
 Arizona Highway Department

 project number
 NFA 253(54)A
 builder/contractor
 Western Constructors Inc., Phoenix AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 09 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Hicks Wash Culvert

county Gila inventory number 04400 151.60 milepost inventory route SR 77 location 15.3 mi N Jct SR 177 feature intersected Hicks Wash

city/vicinity Christmas **USGS** quadrangle El Capitan Mountain district 83 **UTM** reference 12.520844.3665382

STRUCTURAL INFORMATION

main span number 6 main span type 219 appr. span number 0 appr. span type degree of skew guardrail type 10.0 concrete box culvert main span length superstructure structure length 74.0 substructure concrete abutments, wingwalls and piers

floor/decking roadway width 0.0 asphalt roadway 0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1955 Arizona Highway Department

NFA 253(54)B builder/contractor project number information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

inventory score 06 NRHP eligibility non-eligible

NRHP criteria В C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

El Capitan Canyon Culvert

PROPERTY IDENTIFICATION

 location
 18.6 mi N Jct SR 177
 feature intersected
 El Capitan Canyon

 city/vicinity
 Christmas
 USGS quadrangle
 El Capitan Mountain

 district
 83
 UTM reference
 12.518833.3667397

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert structure length 43.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date1955designer/engineerArizona Highway Departmentproject numberS-253(1)builder/contractorIsbell Construction Company

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) ca1990 alterations Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

BRIDGE INVENTORY HISTORIC

El Capitan Canyon Culvert

PROPERTY	IDENTIFICATION
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county Gila inventory number 04402 159.09 milepost inventory route SR 77

location 22.8 mi N Jct SR 177 feature intersected El Capitan Canyon city/vicinity Christmas **USGS** quadrangle El Capitan Mountain district **UTM** reference 12.519314.3675600

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type

10.0 concrete box culvert main span length superstructure

structure length 24.0 substructure concrete abutments, wingwalls and pier floor/decking roadway width 0.0 asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1958 Arizona Highway Department S-253(9) project number builder/contractor TMK Construction Company

information source ADOT bridge records structure owner Arizona Department of Transportation alterations

alteration date(s)

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 06 NRHP eligibility non-eligible

> NRHP criteria C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

El Capitan Canyon Culvert

PROPERTY IDENTIFICATION

 location
 23.0 mi N Jct SR 177
 feature intersected
 El Capitan Canyon

 city/vicinity
 Christmas
 USGS quadrangle
 El Capitan Mountain

 district
 83
 UTM reference
 12.519480.3675913

STRUCTURAL INFORMATION

structure length 37.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date1958designer/engineerArizona Highway Departmentproject numberS-253(9)builder/contractorTMK Construction Company

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) ca1990 alterations Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Arrastra Gulch Culvert

PROPERTY IDENTIFICATION

location 5.8 mi So of Jct SR 70 feature intersected Arrastra Gulch

city/vicinity Globe USGS quadrangle Cutter

district 83 **UTM reference** 12.523532.3684010

STRUCTURAL INFORMATION

 $\begin{array}{lll} \mbox{main span number} & 2 & \mbox{main span type} & 219 \\ \mbox{appr. span number} & 0 & \mbox{appr. span type} & \end{array}$

degree of skew 0 guardrail type

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length21.0substructureconcrete abutments, wingwalls and pierroadway width0.0floor/deckingasphalt roadway

structure width 0.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1959 designer/engineer Arizona Highway Department

project numberDS-253(11)builder/contractorHagen Construction Company, Globe AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) ca1990 alterations Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Gila inventory number 04405 166.76 milepost inventory route SR 77 location 30.5 mi N Jct SR 177 feature intersected Wash city/vicinity Globe **USGS** quadrangle Cutter

district 83 **UTM reference** 12.524524.3686545

STRUCTURAL INFORMATION

structure length 32.0 substructure concrete abutments, wingwalls and pier

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date1959designer/engineerArizona Highway Departmentproject numberDS-253(13)builder/contractorWallace & Wallace, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)ca1990alterationsThrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Navajo inventory number 04407 356.80 milepost inventory route SR 77 location 14.6 mi N Jct US 60 feature intersected Wash city/vicinity Taylor **USGS** quadrangle Taylor

district 83 **UTM reference** 12.583460.3813545

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type degree of skew 45 guardrail type 10.0 concrete box culvert main span length superstructure structure length 29.0 substructure concrete abutments, wingwalls and pier

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date1940designer/engineerArizona Highway Departmentproject numberFAP 136-Bbuilder/contractorGeorge W. Orr, El Paso TX

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1989 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 04 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Navajo inventory number 04408 358.05 milepost inventory route SR 77 location 15.8 mi N Jct US 60 feature intersected Wash city/vicinity Taylor **USGS** quadrangle Taylor

district 83 **UTM reference** 12.584094.3815825

STRUCTURAL INFORMATION

structure length 74.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 other features steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date1941designer/engineerArizona Highway Departmentproject numberNFA 136-Cbuilder/contractorN.G. Hill & Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1974ca1990alterationsbarrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 10 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Navajo inventory number 04409 362.13 milepost inventory route SR 77 location 1.0 mi N Jct SR 277 feature intersected Wash city/vicinity Snowflake **USGS** quadrangle Snowflake

district 87 **UTM reference** 12.584404.3823387

STRUCTURAL INFORMATION

degree of skew 30 guardrail type

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 24.0 substructure concrete abutments, wingwalls and pier roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date 1942 designer/engineer Arizona Highway Department

project numberNFA 131-Kbuilder/contractorRoyden Construction Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 12 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Fourmile Draw Culvert

 $\begin{array}{cccc} \textbf{county} & \textbf{Navajo} & \textbf{inventory number} & 04410 \\ \textbf{milepost} & 365.30 & \textbf{inventory route} & SR~77 \\ \end{array}$

 location
 4.2 mi N Jct SR 277
 feature intersected
 Fourmile Draw

 city/vicinity
 Snowflake
 USGS quadrangle
 Snowflake

district 87 **UTM reference** 12.584115.3826076

STRUCTURAL INFORMATION

 $\begin{array}{lll} \mbox{main span number} & 2 & \mbox{main span type} & 219 \\ \mbox{appr. span number} & 0 & \mbox{appr. span type} & \end{array}$

degree of skew 30 guardrail type

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 24.0 substructure concrete abutments, wingwalls and pier roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date 1946 designer/engineer Arizona Highway Department

project numberF-131(2)builder/contractorW.J. Henson Contracting Co., Prescott AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 12 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Fivemile Draw Bridge

PROPERTY IDENTIFICATION

 $\begin{array}{cccc} \textbf{county} & \textbf{Navajo} & \textbf{inventory number} & 00278 \\ \textbf{milepost} & 366.51 & \textbf{inventory route} & SR~77 \\ \end{array}$

location 5.5 mi N Jct SR 277 feature intersected Fivemile Draw city/vicinity Snowflake USGS quadrangle Snowflake

district 87 **UTM reference** 12.583766.3828147

STRUCTURAL INFORMATION

structure length 95.0 substructure concrete abutments, wingwalls and piers

roadway width 27.6 floor/decking concrete deck

structure width 31.3 **other features** steel beam guardrails with concrete posts and

curb; steel Thrie beam guardrails at approaches

HISTORICAL INFORMATION

construction date 1946 designer/engineer Arizona Highway Department project number F-131(2) builder/contractor W.J. Henson Contracting Co.,

project number F-131(2) builder/contractor W.J. Henson Contracting Co., Prescott AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1978

alteration date(s) 1978 alterations Thrie beam guardrails installed at approaches

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 13 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement undistinguished example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Sevenmile Draw Bridge

PROPERTY IDENTIFICATION

countyNavajoinventory number00279milepost368.07inventory routeSR 77

district 87 **UTM** reference 12.583372.3830477

STRUCTURAL INFORMATION

main span length 25.0 superstructure concrete slab

structure length 116.0 **substructure** concrete abutments, wingwalls and piers

roadway width 27.4 floor/decking concrete deck

structure width 31.3 **other features** steel beam guardrails with concrete posts and

curb; steel Thrie beam guardrails at approaches

HISTORICAL INFORMATION

construction date1946designer/engineerArizona Highway Departmentproject numberF-131(2)builder/contractorW.J. Henson Contracting Co., Prescott AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1978 alterations Thrie beam guardrails installed at approaches

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 20 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

countyNavajoinventory number04411milepost368.48inventory routeSR 77location7.4 mi N Jct SR 277feature intersectedWash

city/vicinity Snowflake USGS quadrangle Snowflake

district 87 **UTM reference** 12.583263.3831093

STRUCTURAL INFORMATION

 $\begin{array}{lll} \text{main span number} & 2 & \text{main span type} & 219 \\ \text{appr. span number} & 0 & \text{appr. span type} & \end{array}$

degree of skew 0 guardrail type

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 21.0 **substructure** concrete abutments, wingwalls and pier

roadway width 0.0 floor/decking asphalt roadway

 $\begin{array}{ccc} \text{structure width} & 0.0 & \text{other features} & \text{none} \end{array}$

HISTORICAL INFORMATION

NATIONAL REGISTER EVALUATION

construction date 1946 designer/engineer Arizona Highway Department

project number F-131(2) builder/contractor W.J. Henson Contracting Co., Prescott AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 12 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Tenmile Draw Bridge

PROPERTY IDENTIFICATION

 $\begin{array}{cccc} \textbf{county} & \textbf{Navajo} & \textbf{inventory number} & 00280 \\ \textbf{milepost} & 370.78 & \textbf{inventory route} & SR~77 \\ \end{array}$

 location
 9.8 mi N Jct SR 277
 feature intersected
 Tenmile Draw

 city/vicinity
 Snowflake
 USGS quadrangle
 Tenmile Cedars

 district
 87
 UTM reference
 12.582625.3834764

STRUCTURAL INFORMATION

main span length 20.0 superstructure concrete slab

structure length 66.0 substructure concrete abutments, wingwalls and piers roadway width 27.4 floor/decking concrete deck

structure width 31.3 **other features** steel beam guardrails with concrete posts and

curb; steel Thrie beam guardrails at approaches

HISTORICAL INFORMATION

construction date1946designer/engineerArizona Highway Departmentproject numberF-131(2)builder/contractorW.I. Henson Contracting Co...

project number F-131(2) builder/contractor W.J. Henson Contracting Co., Prescott AZ information source ADOT bridge records alteration date(s) 1978 alterations Thrie beam guardrails installed at approaches

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 13 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement undistinguished example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

BRIDGE INVENTORY HISTORIC

Louis Hunt Tank Draw Culvert

county Navajo inventory number 04412 370.99 milepost inventory route SR 77

location 9.9 mi N Jct SR 277 feature intersected Louis Hunt Tank Draw city/vicinity Snowflake **USGS** quadrangle Tenmile Cedars district **UTM** reference 12.582580.3835100

STRUCTURAL INFORMATION

main span number 4 main span type 219 appr. span number 0 appr. span type degree of skew guardrail type

10.0 concrete box culvert main span length superstructure

51.0 structure length substructure concrete abutments, wingwalls and piers 0.0 floor/decking roadway width asphalt roadway none

0.0 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1946 Arizona Highway Department

F-131(2) project number builder/contractor W.J. Henson Contracting Co., Prescott AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score NRHP eligibility non-eligible

> NRHP criteria C

signif. statement undistinguished example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Arthurs Meadow Culvert

PROPERTY IDENTIFICATION

 $\begin{array}{cccc} \textbf{county} & \textbf{Navajo} & \textbf{inventory number} & 04413 \\ \textbf{milepost} & 375.23 & \textbf{inventory route} & SR~77 \\ \end{array}$

 location
 14.1 mi N Jct SR 277
 feature intersected
 Arthurs Meadow

 city/vicinity
 Holbrook
 USGS quadrangle
 Tenmile Cedars

 district
 87
 UTM reference
 12.581260.3841792

STRUCTURAL INFORMATION

main span number 3 main span type 219

appr. span number $\ 0$ appr. span type degree of skew $\ 0$ guardrail type

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 32.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

 ${\it structure width} \qquad 0.0 \qquad {\it other features} \qquad {\it steel Thrie beam guardrails}$

HISTORICAL INFORMATION

construction date 1946 designer/engineer Arizona Highway Department

 project number
 F-131(2)
 builder/contractor
 W.J. Henson Contracting Co., Prescott AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) 2000 alterations Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 03 NRHP eligibility non-eligible

NRHP criteria A _____ B ___ C ____

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

BRIDGE INVENTORY HISTORIC

Washboard Wash Bridge

PROPERTY IDENTIFICATION

county Navajo inventory number 00198 379.26 milepost inventory route SR 77

location 18.3 mi N Jct SR 277 feature intersected Washboard Wash city/vicinity Holbrook **USGS** quadrangle Porter Canyon district **UTM** reference 12.579818.3848093

STRUCTURAL INFORMATION

main span number 4 main span type 201 appr. span number 0 appr. span type 8 degree of skew guardrail type

concrete slab 25.0 superstructure main span length

structure length 101.0 substructure concrete abutments, wingwalls and piers

roadway width 27.4 floor/decking concrete deck

solid concrete guardrails with blind arcades; steel 31.0 structure width other features

Thrie beams

HISTORICAL INFORMATION

construction date designer/engineer 1938 Arizona Highway Department FAP 131-A project number builder/contractor Heuser & Garnett, Glendale CA information source ADOT bridge records structure owner Arizona Department of Transportation alterations Thrie beam guardrails installed

alteration date(s) 1978

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

city/vicinityHolbrookUSGS quadranglePorter Canyondistrict87UTM reference12.579710.3848585

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert

structure length32.0substructureconcrete abutments, wingwalls and piersroadway width28.1floor/deckingasphalt roadway

structure width 30.0 other features none

HISTORICAL INFORMATION

construction date 1938 designer/engineer Arizona Highway Department
project number FAP 131-A builder/contractor Heuser & Garnett, Glendale CA
information source ADOT bridge records structure owner Arizona Department of Transportation
alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 15 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

 $\begin{array}{cccc} \textbf{county} & Navajo & \textbf{inventory number} & 04415 \\ \textbf{milepost} & 380.67 & \textbf{inventory route} & SR~77 \\ \textbf{location} & 19.6~\text{mi}~\text{N}~\text{Jct}~\text{SR}~277 & \textbf{feature intersected} & Wash \\ \end{array}$

city/vicinityHolbrookUSGS quadranglePorter Canyondistrict87UTM reference12.579320.3850287

STRUCTURAL INFORMATION

 $\begin{array}{lll} \text{main span number} & 2 & \text{main span type} & 219 \\ \text{appr. span number} & 0 & \text{appr. span type} \\ \text{degree of skew} & 0 & \text{guardrail type} \end{array}$

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 21.0 **substructure** concrete abutments, wingwalls and pier

roadway width 28.1 floor/decking asphalt roadway

structure width 30.0 other features none

HISTORICAL INFORMATION

construction date1938designer/engineerArizona Highway Departmentproject numberFAP 131-Abuilder/contractorHeuser & Garnett, Glendale CAinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 14 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

04416

SR 77

PROPERTY IDENTIFICATION

 $\begin{array}{cccc} \textbf{county} & Navajo & \textbf{inventory number} \\ \textbf{milepost} & 382.84 & \textbf{inventory route} \\ \textbf{location} & 21.7 \text{ mi N Jct SR 277} & \textbf{feature intersected} \\ \end{array}$

 location
 21.7 mi N Jct SR 277
 feature intersected
 Wash

 city/vicinity
 Holbrook
 USGS quadrangle
 Porter Canyon

district 87 USGS quadrangle Porter Canyon 12.578523.3853730

STRUCTURAL INFORMATION

main span number 2 main span type 219

appr. span number $\ 0$ appr. span type degree of skew $\ 0$ guardrail type

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 21.0 **substructure** concrete abutments, wingwalls and pier

roadway width 28.1 floor/decking asphalt roadway

structure width 30.0 other features none

HISTORICAL INFORMATION

 construction date
 1938
 designer/engineer
 Arizona Highway Department

 project number
 FAP 131-A
 builder/contractor
 Heuser & Garnett, Glendale CA

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s)

alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 14 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

BRIDGE INVENTORY HISTORIC

Fivemile Wash Culvert

DDA	PFRTY	IDENI	$TI \cap NI$

county Navajo inventory number 04417 383.93 milepost inventory route SR 77

location 22.8 mi N Jct SR 277 feature intersected Fivemile Wash city/vicinity Holbrook **USGS** quadrangle Porter Canyon district **UTM** reference 12.578148.3855410

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type

degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

21.0 structure length substructure concrete abutments, wingwalls and pier 0.0 asphalt roadway

floor/decking roadway width 0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1938 Arizona Highway Department FAP 131-A project number builder/contractor Heuser & Garnett, Glendale CA information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s)

alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

inventory score NRHP eligibility non-eligible

> NRHP criteria В C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Leroux Wash Bridge

PROPERTY IDENTIFICATION

county Navajo inventory number 00330 401.41 milepost inventory route SR 77 location 6.2 mi N of Jct I 40 feature intersected Leroux Wash city/vicinity Holbrook **USGS** quadrangle Hennessy Buttes district **UTM** reference 12.582268.3880428

STRUCTURAL INFORMATION

structure length397.0substructureconcrete abutments, wingwalls and piersroadway width24.0floor/deckingconcrete deckstructure width26.8other featuressteel angle guardrails

HISTORICAL INFORMATION

construction date 1949 designer/engineer Arizona Highway Department

project number S-51(1) builder/contractor Dail Engineering & Construction Co., Phoenix A

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1995 alterations bank protection built

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 31 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Coronado Wash Bridge

PROPERTY IDENTIFICATION

 $\begin{array}{cccc} \textbf{county} & \textbf{Pinal} & \textbf{inventory number} & 00222 \\ \textbf{milepost} & 101.89 & \textbf{inventory route} & SR~79 \\ \end{array}$

location10.8 mi North Jct SR 77feature intersectedCoronado Washcity/vicinityOracle JunctionUSGS quadrangleChief Buttedistrict81UTM reference12.494695.3614528

STRUCTURAL INFORMATION

main span length50.0superstructureconcrete slabstructure length230.0substructureconcrete abutments, wingwalls and piersroadway width28.0floor/deckingconcrete deck with asphalt overlay

structure width 31.8 **other features** solid concrete guardrails with blind arcades

HISTORICAL INFORMATION

 construction date
 1939
 designer/engineer
 Arizona Highway Department

 project number
 WPA 984(4)
 builder/contractor
 WPA / state work force

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 33 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement well-preserved example of Depression-era bridge

construction

construction

FORM COMPLETED BY

Clayton B. Fraser, Principal

Forman Wash Bridge

PROPERTY	IDENTIFICATION	

county Pinal inventory number 00223 102.82 milepost inventory route SR 79 location 11.7 mi North Jct SR 77 feature intersected Forman Wash city/vicinity Oracle Junction **USGS** quadrangle Chief Butte district **UTM** reference 12.493507.3615454

STRUCTURAL INFORMATION

main span number 3 main span type 201 appr. span number 0 appr. span type degree of skew guardrail type concrete slab main span length 25.0 superstructure structure length 76.0 substructure concrete abutments, wingwalls and piers floor/decking roadway width 28.0 concrete deck with asphalt overlay solid concrete guardrails with rectangular recessed 29.1 structure width other features panels

HISTORICAL INFORMATION

alteration date(s)

 construction date
 1939
 designer/engineer
 Arizona Highway Department

 project number
 WPA 984(4)
 builder/contractor
 WPA / state work force

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 31 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement well-preserved example of Depression-era bridge

construction

FORM COMPLETED BY

Clayton B. Fraser, Principal

BRIDGE INVENTORY HISTORIC

Olsen Wash Bridge

county Pinal inventory number 00224 104.36 milepost inventory route SR 79 location 13.3 mi North Jct SR 77 feature intersected Olsen Wash city/vicinity Oracle Junction **USGS** quadrangle Chief Butte

district **UTM** reference 12.491975.3617345

STRUCTURAL INFORMATION

main span number 4 main span type 201 appr. span number 0 appr. span type degree of skew guardrail type concrete slab main span length 25.0 superstructure

structure length 101.0 substructure concrete abutments, wingwalls and piers floor/decking roadway width 28.0 concrete deck with asphalt overlay

solid concrete guardrails with rectangular recessed 31.1 structure width other features

panels

HISTORICAL INFORMATION

construction date designer/engineer 1939 Arizona Highway Department WPA 123(7) project number builder/contractor WPA / state work force

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 32 NRHP eligibility non-eligible

NRHP criteria

signif. statement well-preserved example of Depression-era bridge

construction

FORM COMPLETED BY

Clayton B. Fraser, Principal

Suffering Wash Culvert

PROPERTY IDENTIFICATION

 $\begin{array}{cccc} \textbf{county} & Pinal & \textbf{inventory number} & 04738 \\ \textbf{milepost} & 105.58 & \textbf{inventory route} & SR~79 \\ \end{array}$

location 14.6 mi N Jct SR 77 feature intersected Suffering Wash city/vicinity Oracle Junction USGS quadrangle Chief Butte

district 81 **UTM reference** 12.490805.3618888

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert

structure length 64.0 substructure concrete abutments, wingwalls and piers

roadway width 30.6 floor/decking asphalt roadway

structure width 32.6 other features steel Thrie beam guardrails

HISTORICAL INFORMATION

 construction date
 1939
 designer/engineer
 Arizona Highway Department

 project number
 WPA 123(7)
 builder/contractor
 WPA / state work force

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) ca1990 alterations Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 14 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pinal inventory number 04739 105.81 milepost inventory route SR 79 location 14.8 mi N Jct SR 77 feature intersected Wash city/vicinity Oracle Junction **USGS** quadrangle Chief Butte

district 81 **UTM reference** 12.491010.3619094

STRUCTURAL INFORMATION

main span number 2 main span type 219
appr. span number 0 appr. span type
degree of skew 0 guardrail type 0

main span length 10.0 superstructure concrete box culvert

structure length 21.0 **substructure** concrete abutments, wingwalls and pier

roadway width 30.5 floor/decking asphalt roadway

structure width 32.5 other features none

HISTORICAL INFORMATION

construction date1939designer/engineerArizona Highway Departmentproject numberWPA 984(4)builder/contractorWPA / state work force

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) ca1990 **alterations** Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 10 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Durham Wash Culvert

PROPERTY IDENTIFICATION

county Pinal inventory number 04740 milepost 106.83 inventory route SR 79

 location
 15.8 mi N Jct SR 77
 feature intersected
 Durham Wash

 city/vicinity
 Oracle Junction
 USGS quadrangle
 Chief Butte

 district
 81
 UTM reference
 12.489727.3620590

STRUCTURAL INFORMATION

structure length 64.0 substructure concrete abutments, wingwalls and piers

roadway width 30.7 floor/decking asphalt roadway

structure width 32.7 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date1939designer/engineerArizona Highway Departmentproject numberWPA 984(4)builder/contractorWPA / state work force

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) ca1990 alterations Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 14 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pinal inventory number 04741 107.87 milepost inventory route SR 79 location 16.9 mi N Jct SR 77 feature intersected Wash city/vicinity Oracle Junction **USGS** quadrangle Chief Butte

district 81 **UTM reference** 12.488773.3621965

STRUCTURAL INFORMATION

structure length 21.0 substructure concrete abutments, wingwalls and pier

roadway width 30.8 floor/decking asphalt roadway

structure width 32.8 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date1939designer/engineerArizona Highway Departmentproject numberWPA 984(4)builder/contractorWPA / state work force

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) ca1990 **alterations** Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 10 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Bogard Wash Culvert

PROPERTY	IDENTIFICATION	ON
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county Pinal inventory number 04742 108.36 milepost inventory route SR 79 location 17.4 mi N Jct SR 77 feature intersected Bogard Wash city/vicinity Oracle Junction **USGS** quadrangle Chief Butte district **UTM** reference 12.488320.3622593

STRUCTURAL INFORMATION

main span number 6 main span type 219 appr. span number 0 appr. span type 6 degree of skew guardrail type concrete box culvert main span length 10.0 superstructure structure length 64.0 substructure concrete abutments, wingwalls and piers roadway width 30.8 floor/decking asphalt roadway steel Thrie beam guardrails 32.8 structure width other features

HISTORICAL INFORMATION

 construction date
 1939
 designer/engineer
 Arizona Highway Department

 project number
 WPA 984(4)
 builder/contractor
 WPA / state work force

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transport

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) ca1990 alterations Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 14 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

city/vicinityOracle JunctionUSGS quadrangleNinetysix Hills SWdistrict81UTM reference12.487576.3623552

STRUCTURAL INFORMATION

structure length 32.0 substructure concrete abutments, wingwalls and piers

roadway width 32.5 floor/decking asphalt roadway

structure width 34.5 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date1939designer/engineerArizona Highway Departmentproject numberWPA 984(4)builder/contractorWPA / state work force

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 11 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Brady Wash Bridge

PROPERTY IDENTIFICATION

county Pinal inventory number 00253 milepost 111.40 inventory route SR 79 location 20.3 mi North Jct SR 77 feature intersected Brady Wash city/vicinity Oracle Junction **USGS** quadrangle Ninetysix Hills SW district **UTM** reference 12.484925.3626180

STRUCTURAL INFORMATION

main span number 7 main span type 201 appr. span number 0 appr. span type degree of skew guardrail type concrete slab main span length 25.0 superstructure structure length 176.0 substructure concrete abutments, wingwalls and piers roadway width 28.0 floor/decking concrete deck solid concrete guardrails with blind arcades; steel 30.9 structure width other features

HISTORICAL INFORMATION

 construction date
 1939
 designer/engineer
 Arizona Highway Department

 project number
 WPA 123(7)
 builder/contractor
 WPA / state work force

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

 alteration date(s)
 1983
 1998
 alterations
 Thrie beam guardrails installed; scour protection

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 25 NRHP eligibility non-eligible

NRHP criteria A B C

Thrie beams

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pinal inventory number 04744 112.18 milepost inventory route SR 79 location 21.2 mi N Jct SR 77 feature intersected Wash

city/vicinity Oracle Junction **USGS** quadrangle Ninetysix Hills SW district **UTM** reference 12.484285.3627178

STRUCTURAL INFORMATION

main span number 3 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure structure length 32.0 substructure concrete abutments, wingwalls and piers

floor/decking roadway width 30.7 asphalt roadway

32.7 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1946 Arizona Highway Department project number S-111(5) builder/contractor Vinnell Company Inc., Alhambra CA information source ADOT bridge records structure owner Arizona Department of Transportation alterations

alteration date(s)

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score NRHP eligibility non-eligible

> NRHP criteria В C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pinal inventory number 04745 112.90 milepost inventory route SR 79 location 21.9 mi N Jct SR 77 feature intersected Wash

city/vicinity Oracle Junction **USGS** quadrangle Ninetysix Hills SW district **UTM** reference 12.483693.3628153

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete box culvert main span length 10.0 superstructure

21.0 structure length substructure concrete abutments, wingwalls and pier

32.7 floor/decking roadway width asphalt roadway

34.7 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1946 Arizona Highway Department project number S-111(5) builder/contractor Vinnell Company Inc., Alhambra CA information source ADOT bridge records structure owner Arizona Department of Transportation

alterations

alteration date(s)

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

inventory score NRHP eligibility non-eligible

NRHP criteria В C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pinal inventory number 04746 113.12 milepost inventory route SR 79 location 22.1 mi N Jct SR 77 feature intersected Wash

city/vicinity Oracle Junction **USGS** quadrangle Ninetysix Hills SW district **UTM** reference 12.483424.3628478

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type main span length 10.0 superstructure

concrete box culvert 21.0 structure length substructure concrete abutments, wingwalls and pier

floor/decking roadway width 30.7 asphalt roadway

32.7 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1946 Arizona Highway Department project number S-111(5) builder/contractor Vinnell Company Inc., Alhambra CA information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

inventory score NRHP eligibility non-eligible

> NRHP criteria В C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

countyPinalinventory number04747milepost113.77inventory routeSR 79location22.8 mi N Jct SR 77feature intersectedWash

city/vicinityOracle JunctionUSGS quadrangleNinetysix Hills SWdistrict81UTM reference12.482778.3629290

STRUCTURAL INFORMATION

main span length10.0superstructureconcrete box culvertstructure length74.0substructureconcrete abutments, wingwalls and piers

roadway width 30.3 floor/decking asphalt roadway

structure width 32.3 other features none

HISTORICAL INFORMATION

 construction date
 1946
 designer/engineer
 Arizona Highway Department

 project number
 S-111(5)
 builder/contractor
 Vinnell Company Inc., Alhambra CA

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alterations

alteration date(s)

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 18 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pinal inventory number 04748 milepost 114.42 inventory route SR 79 location 23.4 mi N Jct SR 77 feature intersected Wash

city/vicinity Florence **USGS** quadrangle Ninetysix Hills SW district **UTM** reference 12.482143.3630072

STRUCTURAL INFORMATION

main span number 6 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

structure length 64.0 substructure concrete abutments, wingwalls and piers 30.5

floor/decking roadway width asphalt roadway

32.5 none structure width other features

HISTORICAL INFORMATION

alteration date(s)

construction date designer/engineer 1946 Arizona Highway Department project number S-111(5) builder/contractor Vinnell Company Inc., Alhambra CA information source ADOT bridge records structure owner Arizona Department of Transportation

alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score NRHP eligibility non-eligible

NRHP criteria В C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Tom Mix Wash Culvert

PROPERTY IDENTIFICATION

 county
 Pinal
 inventory number
 04749

 milepost
 115.38
 inventory route
 SR 79

STRUCTURAL INFORMATION

main span length10.0superstructureconcrete box culvert

structure length 64.0 substructure concrete abutments, wingwalls and piers roadway width 30.7 floor/decking asphalt roadway

structure width 32.7 other features none

HISTORICAL INFORMATION

alteration date(s)

 construction date
 1946
 designer/engineer
 Arizona Highway Department

 project number
 S-111(5)
 builder/contractor
 Vinnell Company Inc., Alhambra CA

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 18 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

city/vicinityFlorenceUSGS quadrangleNinetysix Hills SWdistrict81UTM reference12.480674.3631893

STRUCTURAL INFORMATION

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 21.0 substructure concrete abutments, wingwalls and pier roadway width 30.6 floor/decking asphalt roadway

structure width 32.6 other features none

HISTORICAL INFORMATION

 construction date
 1940
 designer/engineer
 Arizona Highway Department

 project number
 S-111(5)
 builder/contractor
 Vinnell Company Inc., Alhambra CA

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alterations

alteration date(s)

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 14 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pinal inventory number 04751 116.01 milepost inventory route SR 79 location 25.0 mi N Jct SR 77 feature intersected Wash

city/vicinity Florence **USGS** quadrangle Ninetysix Hills SW district **UTM** reference 12.480524.3632100

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete box culvert main span length 10.0 superstructure

structure length 24.0 substructure concrete abutments, wingwalls and pier

floor/decking roadway width 30.1 asphalt roadway

32.1 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1940 Arizona Highway Department S-111(5) project number builder/contractor Vinnell Company Inc., Alhambra CA information source ADOT bridge records structure owner Arizona Department of Transportation

alterations

alteration date(s)

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

inventory score NRHP eligibility non-eligible

> NRHP criteria В C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pinal inventory number 04752 116.57 milepost inventory route SR 79 location 25.6 mi N Jct SR 77 feature intersected Wash

city/vicinity Florence **USGS** quadrangle Ninetysix Hills SW district **UTM** reference 12.479948.3632804

STRUCTURAL INFORMATION

main span number 4 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete box culvert main span length 10.0 superstructure

structure length 49.0 substructure concrete abutments, wingwalls and piers

floor/decking roadway width 30.4 asphalt roadway

32.4 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1940 Arizona Highway Department S-111(5) project number builder/contractor Vinnell Company Inc., Alhambra CA information source ADOT bridge records structure owner Arizona Department of Transportation

alterations

alteration date(s)

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

inventory score NRHP eligibility non-eligible

NRHP criteria В C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

city/vicinityFlorenceUSGS quadrangleNinetysix Hills SWdistrict81UTM reference12.479394.3633493

STRUCTURAL INFORMATION

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length44.0substructureconcrete abutments, wingwalls and piersroadway width30.6floor/deckingasphalt roadway

structure width 32.6 other features none

HISTORICAL INFORMATION

 construction date
 1940
 designer/engineer
 Arizona Highway Department

 project number
 S-111(5)
 builder/contractor
 Vinnell Company Inc., Alhambra CA

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alterations

alteration date(s)

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation For

NRHP criteria A B C

NRHP eligibility non-eligible

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

inventory score

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pinal inventory number 04754 117.54 milepost inventory route SR 79 location 26.5 mi N Jct SR 77 feature intersected Wash

city/vicinity Florence **USGS** quadrangle Ninetysix Hills SW district **UTM** reference 12.478997.3633992

STRUCTURAL INFORMATION

main span number 4 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure structure length 44.0 substructure concrete abutments, wingwalls and piers

30.5 floor/decking roadway width asphalt roadway

32.5 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1940 Arizona Highway Department S-111(5) project number builder/contractor Vinnell Company Inc., Alhambra CA information source ADOT bridge records structure owner Arizona Department of Transportation

alterations

alteration date(s)

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 12 NRHP eligibility non-eligible

> NRHP criteria В C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pinal inventory number 04756 119.00 milepost inventory route SR 79 location 28.6 mi N Jct SR 77 feature intersected Wash

city/vicinity Florence **USGS** quadrangle Ninetysix Hills SW district **UTM** reference 12.477524.3635830

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete box culvert main span length 10.0 superstructure

structure length 64.0 substructure concrete abutments, wingwalls and pier

30.5 floor/decking roadway width asphalt roadway

32.5 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1940 Arizona Highway Department S-111(5) project number builder/contractor Vinnell Company Inc., Alhambra CA information source ADOT bridge records structure owner Arizona Department of Transportation

alterations

alteration date(s)

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

inventory score NRHP eligibility non-eligible

> NRHP criteria В C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

city/vicinityFlorenceUSGS quadrangleNinetysix Hills SWdistrict81UTM reference12.476916.3636584

STRUCTURAL INFORMATION

structure length 23.0 substructure concrete abutments, wingwalls and piers

roadway width 30.5 floor/decking asphalt roadway

structure width 32.5 other features none

HISTORICAL INFORMATION

construction date1940designer/engineerArizona Highway Departmentproject numberS-111(5)builder/contractorVinnell Company Inc., Alhambra CAinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 18 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

city/vicinityFlorenceUSGS quadranglePicacho Reservoir SEdistrict81UTM reference12.476572.3637012

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert structure length 24.0 substructure concrete abutments, wingwalls and pier

roadway width 30.4 floor/decking asphalt roadway

structure width 32.4 other features none

HISTORICAL INFORMATION

 construction date
 1940
 designer/engineer
 Arizona Highway Department

 project number
 S-111(5)
 builder/contractor
 Vinnell Company Inc., Alhambra CA

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alterations

alteration date(s)

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 14 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

city/vicinityFlorenceUSGS quadrangleCactus Forestdistrict81UTM reference12.476143.3637560

STRUCTURAL INFORMATION

structure length 37.0 substructure concrete abutments, wingwalls and piers

roadway width 30.0 floor/decking asphalt roadway

structure width 32.0 other features none

HISTORICAL INFORMATION

 construction date
 1940
 designer/engineer
 Arizona Highway Department

 project number
 S-111(5)
 builder/contractor
 Vinnell Company Inc., Alhambra CA

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alterations

alteration date(s)

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 15 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

city/vicinityFlorenceUSGS quadrangleCactus Forestdistrict81UTM reference12.475933.3637810

STRUCTURAL INFORMATION

main span number5main span type219appr. span number0appr. span typedegree of skew0guardrail type0main span type0appr. span type

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length53.0substructureconcrete abutments, wingwalls and piersroadway width30.5floor/deckingasphalt roadway

structure width 32.5 other features none

HISTORICAL INFORMATION

construction date1940designer/engineerArizona Highway Departmentproject numberS-111(5)builder/contractorVinnell Company Inc., Alhambra CAinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 17 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pinal inventory number 04760 120.94 milepost inventory route SR 79 location 13.3 mi S Jct SR 287 feature intersected Wash

city/vicinity Florence **USGS** quadrangle Cactus Forest district 81 **UTM** reference 12.475568.3638280

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete box culvert main span length 10.0 superstructure

structure length 24.0 substructure concrete abutments, wingwalls and pier

floor/decking roadway width 30.0 asphalt roadway

32.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1940 Arizona Highway Department S-111(5) project number builder/contractor Vinnell Company Inc., Alhambra CA information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score NRHP eligibility non-eligible

> NRHP criteria В C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

countyPinalinventory number04761milepost121.74inventory routeSR 79location12.5 mi S Jct SR 287feature intersectedWash

city/vicinityFlorenceUSGS quadrangleCactus Forestdistrict81UTM reference12.474783.3639252

STRUCTURAL INFORMATION

main span length10.0superstructureconcrete box culvertstructure length37.0substructureconcrete abutments, wingwalls and piers

roadway width 30.0 floor/decking asphalt roadway

structure width 32.0 other features none

HISTORICAL INFORMATION

 construction date
 1940
 designer/engineer
 Arizona Highway Department

 project number
 S-111(5)
 builder/contractor
 Vinnell Company Inc., Alhambra CA

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alterations

alteration date(s)

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 11 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

 $\begin{array}{cccc} \textbf{county} & Pinal & \textbf{inventory number} & 04762 \\ \textbf{milepost} & 122.65 & \textbf{inventory route} & SR \ 79 \\ \textbf{location} & 11.5 \ \text{mi S Jct SR 287} & \textbf{feature intersected} & Wash \\ \end{array}$

city/vicinityFlorenceUSGS quadrangleCactus Forestdistrict81UTM reference12.473860.3640418

STRUCTURAL INFORMATION

structure length 24.0 substructure concrete abutments, wingwalls and pier

roadway width 30.2 floor/decking asphalt roadway

structure width 32.2 other features none

HISTORICAL INFORMATION

 construction date
 1940
 designer/engineer
 Arizona Highway Department

 project number
 S-111(5)
 builder/contractor
 Vinnell Company Inc., Alhambra CA

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alterations

alteration date(s)

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 14 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Paisano Wash Culvert

PROPERTY IDENTIFICATION

county Pinal inventory number 04763 123.43 milepost inventory route SR 79 location 10.8 mi S Jct SR 287 feature intersected Paisano Wash city/vicinity Florence **USGS** quadrangle Cactus Forest district **UTM** reference 12.473080.3641398

STRUCTURAL INFORMATION

main span number 6 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type 10.0 concrete box culvert main span length superstructure structure length 74.0 substructure concrete abutments, wingwalls and piers 30.2 floor/decking roadway width asphalt roadway 32.2 none structure width other features

HISTORICAL INFORMATION

construction date1940designer/engineerArizona Highway Departmentproject numberS-111(5)builder/contractorVinnell Company Inc., Alhambra CAinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

Inventory score 14

NRHP eligibility non-eligible

NRHP criteria A B C C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pinal inventory number 04764
milepost 123.62 inventory route SR 79
location 10.6 mi S Jct SR 287 feature intersected Wash

city/vicinityFlorenceUSGS quadrangleCactus Forestdistrict81UTM reference12.472926.3641606

STRUCTURAL INFORMATION

main span length10.0superstructureconcrete box culvertstructure length32.0substructureconcrete abutments, wingwalls and piers

roadway width 30.5 floor/decking asphalt roadway

structure width 32.5 other features none

HISTORICAL INFORMATION

 construction date
 1940
 designer/engineer
 Arizona Highway Department

 project number
 S-111(5)
 builder/contractor
 Vinnell Company Inc., Alhambra CA

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alterations

alteration date(s)

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 15 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

city/vicinityFlorenceUSGS quadrangleCactus Forestdistrict81UTM reference12.472518.3642094

STRUCTURAL INFORMATION

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 74.0 substructure concrete abutments, wingwalls and piers

roadway width 30.1 floor/decking asphalt roadway

structure width 32.1 other features none

HISTORICAL INFORMATION

 construction date
 1940
 designer/engineer
 Arizona Highway Department

 project number
 S-111(5)
 builder/contractor
 Vinnell Company Inc., Alhambra CA

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s)

alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 18 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

city/vicinityFlorenceUSGS quadrangleCactus Forestdistrict81UTM reference12.472330.3642338

STRUCTURAL INFORMATION

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length32.0substructureconcrete abutments, wingwalls and piersroadway width30.6floor/deckingasphalt roadway

structure width 32.6 other features none

HISTORICAL INFORMATION

 construction date
 1940
 designer/engineer
 Arizona Highway Department

 project number
 S-111(5)
 builder/contractor
 Vinnell Company Inc., Alhambra CA

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alterations

alteration date(s)

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 15 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pinal inventory number 04767 124.68 milepost inventory route SR 79 location 9.5 mi S Jct SR 287 feature intersected Wash

city/vicinity Florence **USGS** quadrangle Cactus Forest district **UTM** reference 12.471815.3642978

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete box culvert main span length 10.0 superstructure

21.0 structure length substructure concrete abutments, wingwalls and pier

floor/decking roadway width 30.4 asphalt roadway

32.4 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1940 Arizona Highway Department S-111(5) project number builder/contractor Vinnell Company Inc., Alhambra CA information source ADOT bridge records structure owner Arizona Department of Transportation

alterations

alteration date(s)

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

inventory score NRHP eligibility non-eligible

> NRHP criteria В C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pinal inventory number 04768 125.03 milepost inventory route SR 79 location 9.2 mi S Jct SR 287 feature intersected Wash

city/vicinity Florence **USGS** quadrangle Cactus Forest district **UTM** reference 12.471450.3643418

STRUCTURAL INFORMATION

main span number 3 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

structure length 32.0 substructure concrete abutments, wingwalls and piers floor/decking roadway width 30.4 asphalt roadway

32.4 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1940 Arizona Highway Department S-111(5) project number builder/contractor Vinnell Company Inc., Alhambra CA information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

inventory score 15 NRHP eligibility non-eligible

> NRHP criteria В C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pinal inventory number 04769 126.82 milepost inventory route SR 79 location 7.4 mi S Jct SR 287 feature intersected Wash

city/vicinity Florence **USGS** quadrangle Cactus Forest district **UTM** reference 12.469658.3645686

STRUCTURAL INFORMATION

main span number 3 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type

10.0 concrete box culvert main span length superstructure

structure length 37.0 substructure concrete abutments, wingwalls and piers 30.2 floor/decking roadway width asphalt roadway

32.2 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1946 Arizona Highway Department S-111(5) project number builder/contractor Vinnell Company Inc., Alhambra CA information source ADOT bridge records structure owner Arizona Department of Transportation

alterations

alteration date(s)

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

inventory score 15 NRHP eligibility non-eligible

> NRHP criteria В C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

city/vicinityFlorenceUSGS quadrangleCactus Forestdistrict81UTM reference12.469052.3646430

STRUCTURAL INFORMATION

structure length64.0substructureconcrete abutments, wingwalls and piersroadway width30.7floor/deckingasphalt roadway

structure width 32.7 other features none

HISTORICAL INFORMATION

alteration date(s)

 construction date
 1946
 designer/engineer
 Arizona Highway Department

 project number
 S-111(5)
 builder/contractor
 Vinnell Company Inc., Alhambra CA

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 14 NRHP eligibility non-eligible

NRHP criteria A _____ B ___ C ____

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pinal inventory number 04771 129.17 milepost inventory route SR 79 location 5.0 mi S Jct SR 287 feature intersected Wash

city/vicinity Florence **USGS** quadrangle Cactus Forest district **UTM** reference 12.467320.3648584

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete box culvert main span length 10.0 superstructure

structure length 21.0 substructure concrete abutments, wingwalls and pier

floor/decking roadway width 30.6 asphalt roadway

32.6 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1946 Arizona Highway Department S-111(5) project number builder/contractor Vinnell Company Inc., Alhambra CA information source ADOT bridge records structure owner Arizona Department of Transportation alterations

alteration date(s)

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

inventory score NRHP eligibility non-eligible

> NRHP criteria В C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Casa Grande Canal Bridge

PROPERTY IDENTIFICATION

location 0.6 mi South Jct SR 287 feature intersected Casa Grande Canal

city/vicinity Florence USGS quadrangle Florence

district 81 **UTM reference** 12.464602.3653384

STRUCTURAL INFORMATION

main span length56.0superstructureprestressed concrete deck girderstructure length59.0substructureconcrete abutments and wingwallsroadway width40.0floor/deckingconcrete deck with asphalt overlay

structure width 42.8 other features concrete Jersey barrier guardrails with steel Thrie

beams at approaches

HISTORICAL INFORMATION

construction date 1961 designer/engineer Arizona Highway Department

project number NS-246(61)B builder/contractor
information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1988 alterations guardrails replaced with Jersey barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 04 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common, relatively late

structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Casa Grande Canal Bridge

PROPERTY IDENTIFICATION

location 0.5 mi South Jct SR 287 feature intersected Casa Grande Canal

city/vicinity Florence USGS quadrangle Florence

district 81 **UTM reference** 12.464170.3653070

STRUCTURAL INFORMATION

main span number 1 main span type 505 appr. span number 0 appr. span type degree of skew 15 guardrail type 6 55.0 prestressed concrete deck girder superstructure main span length structure length 58.0 substructure concrete abutments and wingwalls roadway width 40.4 floor/decking concrete deck with asphalt overlay steel Thrie beam guardrails structure width 43.4 other features

HISTORICAL INFORMATION

construction date 1961 designer/engineer Arizona Highway Department

project number NS-246(61)A builder/contractor Fisher Contracting Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) ca1990 alterations Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 10 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Florence Canal Bridge

PROPERTY IDENTIFICATION

county Pinal inventory number 00132 133.07 milepost inventory route SR B 79 location 0.3 mi South Jct SR 287 feature intersected Florence Canal

city/vicinity Florence **USGS** quadrangle Florence

district **UTM** reference 12.463855.3653446

STRUCTURAL INFORMATION

main span number 1 main span type 101 appr. span number 0 appr. span type degree of skew 45 guardrail type concrete slab 25.0 superstructure main span length

structure length 25.0 substructure concrete abutments and wingwalls roadway width 42.0 floor/decking concrete deck with asphalt overlay

solid concrete guardrails with recessed rectangular 50.7 structure width other features

panel

HISTORICAL INFORMATION

construction date designer/engineer 1935 Arizona Highway Department NRS 111-B project number builder/contractor R.H. Martin Contracting Company, Tucson AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1961 deck widened; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pinal inventory number 04772 135.00 milepost inventory route SR 79 location 0.8 mi N Jct SR 287 feature intersected Wash city/vicinity Florence **USGS** quadrangle Florence

district 83 **UTM** reference 12.464608.3656388

STRUCTURAL INFORMATION

main span number 5 main span type 219 appr. span number 0 appr. span type 6 degree of skew guardrail type

concrete box culvert 10.0 superstructure main span length structure length 53.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

steel Thrie beam guardrails 0.0 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1959 Arizona Highway Department

F-019-1(6) project number builder/contractor Ashton Building Company Inc., Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations ca1990 Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score 01

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Florence Bridge

PROPERTY IDENTIFICATION

county Pinal inventory number 00501 135.54 milepost inventory route SR 79 location 1.2 mi North Jct SR287 feature intersected Gila River city/vicinity Florence **USGS** quadrangle Florence

district 83 **UTM reference** 12.464617.3657357

STRUCTURAL INFORMATION

main span length51.0superstructuresteel I-beam stringerstructure length1507.0substructureconcrete abutments, wingwalls and piersroadway width30.0floor/deckingconcrete deck with asphalt overlaystructure width35.0other featuressteel baluster guardrails with Thrie beams

HISTORICAL INFORMATION

construction date1957designer/engineerArizona Highway Departmentproject numberF-019-1(6)builder/contractorAshton Building Company Inc., Tucson AZ

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1995 2000 alterations Thrie beams installed over original guardrails;

superstructure repaired

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 49 NRHP eligibility eligible

NRHP criteria A x B C

signif. statement one of the most important river crossings in the state

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

DDODEDTY	IDENTIFICATIO	N
PRUPERII	IDENTIFICATIO	IV

county Pinal inventory number 04773 141.00 milepost inventory route SR 79 location 6.8 mi N Jct SR 287 feature intersected Wash city/vicinity Florence **USGS** quadrangle Florence NE district 83 **UTM** reference 12.466392.3665308

STRUCTURAL INFORMATION

main span number 5 main span type 219 appr. span number 0 appr. span type degree of skew guardrail type concrete box culvert main span length 10.0 superstructure structure length 53.0 substructure concrete abutments, wingwalls and piers floor/decking roadway width 48.0 asphalt roadway

other features

HISTORICAL INFORMATION

structure width

50.0

construction date1956designer/engineerArizona Highway Departmentproject numberNFA 23-A(56)builder/contractorW.R. Skousen, Mesa AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1960 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

none

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

IDENTIFICATION	

county Pinal inventory number 04774 141.37 milepost inventory route SR 79 location 7.1 mi N Jct SR 287 feature intersected Wash city/vicinity Florence **USGS** quadrangle Florence NE

district 83 **UTM reference** 12.466464.3665876

STRUCTURAL INFORMATION

main span number3main span type219appr. span number0appr. span typedegree of skew30guardrail typemain span length10.0superstructureconcrete box culvertstructure length37.0substructureconcrete abutments, wingwalls and piers

roadway width 48.4 floor/decking asphalt roadway

structure width 50.4 other features none

HISTORICAL INFORMATION

construction date1956designer/engineerArizona Highway Departmentproject numberNFA 23-A(56)builder/contractorW.R. Skousen, Mesa AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1960 alterations barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pinal inventory number 04775 141.67 milepost inventory route SR 79 location 7.5 mi N Jct SR 287 feature intersected Wash city/vicinity Florence **USGS** quadrangle Florence NE

STRUCTURAL INFORMATION

83

district

main span number 5 main span type 219 appr. span number 0 appr. span type degree of skew guardrail type concrete box culvert main span length 10.0 superstructure structure length 55.0 substructure concrete abutments, wingwalls and piers floor/decking roadway width 48.0 asphalt roadway 50.0 none structure width other features

UTM reference

HISTORICAL INFORMATION

 construction date
 1956
 designer/engineer
 Arizona Highway Department

 project number
 NFA 23-A(56)
 builder/contractor
 W.R. Skousen, Mesa AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) 1960 alterations barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

12.466524.3666336

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pinal inventory number 04776 142.26 milepost inventory route SR 79 location 8.1 mi N Jct SR 287 feature intersected Wash city/vicinity Florence **USGS** quadrangle Florence NE

 city/vicinity
 Florence
 USGS quadrangle
 Florence NE

 district
 83
 UTM reference
 12.466650.3667300

STRUCTURAL INFORMATION

main span number3main span type219appr. span number0appr. span type6degree of skew0guardrail type6main span length10.0superstructureconcrete box culvert

structure length 34.0 substructure concrete abutments, wingwalls and piers

roadway width 45.2 floor/decking asphalt roadway

structure width 47.7 other features steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1960 designer/engineer Arizona Highway Department

project number F-019-1(9) builder/contractor Southern Arizona Contracting Co., Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) ca1990 alterations Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537 May 2009

lay 2009

Culvert

04777

SR 79

PROPERTY IDENTIFICATION

county Pinal inventory number 142.53 milepost inventory route location 8.3 mi N Jct SR 287 feature intersected

Wash city/vicinity Florence **USGS** quadrangle Florence NE

district 83 **UTM** reference 12.466695.3667684

STRUCTURAL INFORMATION

main span number 6 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type

10.0 concrete box culvert main span length superstructure

structure length 76.0 substructure concrete abutments, wingwalls and piers

floor/decking roadway width 48.5 asphalt roadway

50.5 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1951 Arizona Highway Department

NFA 23(51) project number builder/contractor Reliance Trucking Company; A.L. Snuffer information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1960 barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score 06

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pinal inventory number 04778
milepost 142.94 inventory route SR 79
location 8.7 mi N Jct SR 287 feature intersected Wash
city/vicinity Florence USGS quadrangle Florence

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert structure length 43.0 substructure concrete abutments, wingwalls and piers

roadway width 45.0 floor/decking asphalt roadway

structure width 47.5 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1960 designer/engineer Arizona Highway Department

project number F-019-1(9) builder/contractor Southern Arizona Contracting Co., Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) ca1990 alterations Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pinal 143.57 milepost

location 9.4 mi N Jct SR 287

city/vicinity Florence district 83

inventory number

inventory route SR 79 feature intersected Wash

USGS quadrangle **UTM** reference

Florence NE

04779

12.466932.3669388

STRUCTURAL INFORMATION

main span number 4 appr. span number 0 degree of skew main span length 10.0 structure length 43.0

roadway width 45.0 47.6 structure width

main span type 219

appr. span type guardrail type

6

concrete box culvert superstructure substructure concrete abutments, wingwalls and piers

floor/decking asphalt roadway

steel Thrie beam guardrails other features

HISTORICAL INFORMATION

construction date 1960 F-019-1(9) project number

information source ADOT bridge records

alteration date(s) ca1990 designer/engineer

builder/contractor

structure owner alterations

Arizona Highway Department

Southern Arizona Contracting Co., Tucson AZ

Arizona Department of Transportation Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

inventory score

NRHP eligibility non-eligible

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pinal inventory number 04780 144.03 milepost inventory route SR 79 location 9.8 mi N Jct SR 287 feature intersected Wash city/vicinity Florence **USGS** quadrangle Florence NE

 city/vicinity
 Florence
 USGS quadrangle
 Florence NE

 district
 83
 UTM reference
 12.467037.3670178

STRUCTURAL INFORMATION

main span number 4 main span type 219 appr. span number 0 appr. span type 6 degree of skew guardrail type concrete box culvert main span length 10.0 superstructure structure length 49.0 substructure concrete abutments, wingwalls and piers

roadway width 45.0 floor/decking asphalt roadway

structure width 47.6 other features steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1960 designer/engineer Arizona Highway Department

project number F-019-1(9) builder/contractor Southern Arizona Contracting Co., Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) ca1990 alterations Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pinal inventory number 04781 144.50 milepost inventory route SR 79 location 10.3 mi N Jct SR 287 feature intersected Wash city/vicinity Florence **USGS** quadrangle Florence NE district 83 **UTM** reference 12.467180.3671244

STRUCTURAL INFORMATION

structure length 32.0 substructure concrete abutments, wingwalls and piers

roadway width 45.0 floor/decking asphalt roadway

structure width 47.6 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1960 designer/engineer Arizona Highway Department

project number F-019-1(9) builder/contractor Southern Arizona Contracting Co., Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) ca1990 alterations Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

countyPinalinventory number04782milepost144.90inventory routeSR 79location10.7 mi N Jct SR 287feature intersectedWash

city/vicinityFlorence JunctionUSGS quadrangleFlorence NEdistrict83UTM reference12.467263.3671920

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert structure length 21.0 substructure concrete abutments, wingwalls and pier

roadway width 45.0 floor/decking asphalt roadway

structure width 47.6 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1960 designer/engineer Arizona Highway Department

project number F-019-1(9) builder/contractor Southern Arizona Contracting Co., Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) ca1990 alterations Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pinal inventory number 04783 145.16 milepost inventory route SR 79 location 11.0 mi N Jct SR 287 feature intersected Wash city/vicinity Florence Junction **USGS** quadrangle Florence NE district **UTM** reference 12.467330.3672440

STRUCTURAL INFORMATION

main span number 5 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete box culvert main span length 10.0 superstructure structure length 55.0 substructure concrete abutments, wingwalls and piers roadway width 48.0 floor/decking asphalt roadway 50.0 none structure width other features

HISTORICAL INFORMATION

 construction date
 1951
 designer/engineer
 Arizona Highway Department

 project number
 NFA 23(51)
 builder/contractor
 Reliance Trucking Company; A.L. Snuffer

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

 alteration date(s)
 1960
 alterations
 barrels extended

NATIONAL REGISTER EVALUATION

inventory score 05

NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537 May 2009

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

Culvert

PROPERTY IDENTIFICATION

county Pinal inventory number 04784 145.50 milepost inventory route SR 79 location 11.3 mi N Jct SR 287 feature intersected Wash city/vicinity Florence Junction **USGS** quadrangle Florence NE

district **UTM** reference 12.467395.3672937

STRUCTURAL INFORMATION

main span number 6 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type 10.0 concrete box culvert main span length superstructure structure length 76.0 substructure concrete abutments, wingwalls and piers

floor/decking roadway width 49.0 asphalt roadway 51.0 none

HISTORICAL INFORMATION

structure width

construction date designer/engineer 1951 Arizona Highway Department NFA 23(51)

project number builder/contractor Reliance Trucking Company; A.L. Snuffer information source ADOT bridge records structure owner Arizona Department of Transportation

other features

alteration date(s) alterations 1960 barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score 06

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Wash Bridge

PROPERTY IDENTIFICATION

county Pinal inventory number 00373 145.80 milepost inventory route SR 79 location 11.6 mi North Jct SR 287 feature intersected Wash city/vicinity Florence Junction **USGS** quadrangle Florence NE district **UTM** reference 12.467522.3673830

STRUCTURAL INFORMATION

main span number 2 main span type 201 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete slab 22.0 superstructure main span length structure length 43.0 substructure concrete abutments, wingwalls and pier roadway width 48.4 floor/decking concrete deck with asphalt overlay concrete curbs 50.4 structure width other features

HISTORICAL INFORMATION

 construction date
 1952
 designer/engineer
 Arizona Highway Department

 project number
 NFA 23-B(52)
 builder/contractor
 Palmer Contracting Company, Phoenix AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

 alteration date(s)
 1960
 1998
 alterations
 deck widened; scour protection built

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 12 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

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Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

city/vicinityFlorence JunctionUSGS quadrangleFlorence NEdistrict83UTM reference12.467715.3675340

STRUCTURAL INFORMATION

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length76.0substructureconcrete abutments, wingwalls and piersroadway width51.8floor/deckingasphalt roadway

structure width 53.8 other features none

HISTORICAL INFORMATION

construction date 1952 designer/engineer Arizona Highway Department

project numberNFA 23-B(52)builder/contractorPalmer Contracting Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) 1960 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 06 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pinal inventory number 04786 147.32 milepost inventory route SR 79 location 13.1 mi N Jct SR 287 feature intersected Wash city/vicinity Florence Junction **USGS** quadrangle Florence NE

district 83 UTM reference 12.467858.3676416

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert structure length 33.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1960 designer/engineer Arizona Highway Department

project number F-019-1(9) builder/contractor Southern Arizona Contracting Co., Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) ca1990 alterations Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

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Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pinal inventory number 04787 148.25 milepost inventory route SR 79 location 14.1 mi N Jct SR 287 feature intersected Wash city/vicinity Florence Junction **USGS** quadrangle Florence NE

STRUCTURAL INFORMATION

district

main span number 6 main span type 219 appr. span number 0 appr. span type degree of skew guardrail type 10.0 concrete box culvert main span length superstructure structure length 76.0 substructure concrete abutments, wingwalls and piers floor/decking roadway width 0.0 asphalt roadway 0.0 none structure width other features

UTM reference

12.468090.3678083

HISTORICAL INFORMATION

construction date1957designer/engineerArizona Highway Departmentproject numberNF-019-1(57)builder/contractorWestern Constructors Inc., Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

Inventory score 12

NRHP eligibility non-eligible

NRHP criteria A B C Signif. statement typical, relatively late example of common structural type

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Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Pinal inventory number 04788 148.57 milepost inventory route SR 79 location 1.7 mi South Jct US 60 feature intersected Wash city/vicinity Florence Junction **USGS** quadrangle Florence NE

district **UTM** reference 12.468155.3678592

STRUCTURAL INFORMATION

main span number 3 main span type 219 appr. span number 0 appr. span type degree of skew guardrail type

concrete box culvert 10.0 superstructure main span length 33.0 structure length substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

steel Thrie beam guardrails 0.0 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1960 Arizona Highway Department

F-019-1(9) project number builder/contractor Southern Arizona Contracting Co., Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations ca1990 Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible

inventory score NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

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Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

countyPinalinventory number04789milepost148.98inventory routeSR 79location1.3 mi South Jct US 60feature intersectedWash

city/vicinityFlorence JunctionUSGS quadrangleFlorence Junctiondistrict83UTM reference12.468230.3679117

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type degree of skew guardrail type concrete box culvert 12.0 superstructure main span length structure length 27.0 substructure concrete abutments, wingwalls and pier roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 other features steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date1960designer/engineerArizona Highway Departmentproject numberF-019-1(9)builder/contractorSouthern Arizona Contracting Co., Tucson AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) ca1990 alterations Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

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Culvert

PROPERTY IDENTIFICATION

city/vicinityFlorence JunctionUSGS quadrangleFlorence Junctiondistrict83UTM reference12.468540.3679825

STRUCTURAL INFORMATION

structure length 27.0 **substructure** concrete abutments, wingwalls and pier

roadway width 45.0 floor/decking asphalt roadway

structure width 47.5 other features steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1960 designer/engineer Arizona Highway Department

project number F-019-1(9) builder/contractor Southern Arizona Contracting Co., Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) ca1990 alterations Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 04461 293.97 milepost inventory route SR 80 location 0.7 mi S Jct SR B 10 feature intersected Wash city/vicinity Benson **USGS** quadrangle Benson

district 84 **UTM reference** 12.567255.3536446

STRUCTURAL INFORMATION

 $\begin{array}{lll} \text{main span number} & 2 & \text{main span type} & 219 \\ \text{appr. span number} & 0 & \text{appr. span type} \\ \text{degree of skew} & 0 & \text{guardrail type} \end{array}$

main span length 10.0 superstructure concrete box culvert

structure length 21.0 **substructure** concrete abutments, wingwalls and pier

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

 $\begin{array}{ccc} \textbf{structure width} & 0.0 & \textbf{other features} & \text{steel Thrie beam guardrails} \\ \end{array}$

HISTORICAL INFORMATION

construction date1941designer/engineerArizona Highway Departmentproject numberNFA 79-D(3)builder/contractorPearson & Dickerson, Prescott AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1959ca1990alterationsbarrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 04462 294.10 milepost inventory route SR 80 location 0.8 mi S Jct SR B 10 feature intersected Wash city/vicinity Benson **USGS** quadrangle Benson

district 84 **UTM reference** 12.567355.3536063

STRUCTURAL INFORMATION

structure length 43.0 substructure concrete abutments, wingwalls and piers

roadway width 45.6 floor/decking asphalt roadway

structure width 47.9 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date1941designer/engineerArizona Highway Departmentproject numberNFA 79-D(3)builder/contractorPearson & Dickerson, Prescott AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1959ca1990alterationsbarrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 08 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 04463 294.19 milepost inventory route SR 80 location 0.9 mi S Jct SR B 10 feature intersected Wash city/vicinity Benson **USGS** quadrangle Benson

district 84 **UTM reference** 12.567405.3535900

STRUCTURAL INFORMATION

structure length 64.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1941 designer/engineer Arizona Highway Department
project number NFA 79-D(3) builder/contractor Pearson & Dickerson, Prescott AZ
information source ADOT bridge records structure owner Arizona Department of Transportation
alteration date(s) 1959 ca1990 alterations barrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 10 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

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Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 04464 294.34 milepost inventory route SR 80 location 1.1 mi S Jct SR B 10 feature intersected Wash city/vicinity Benson **USGS** quadrangle Benson

district 84 **UTM reference** 12.567486.3535078

STRUCTURAL INFORMATION

main span length 8.0 superstructure concrete box culvert structure length 34.0 substructure concrete abutments, w

structure length 34.0 substructure concrete abutments, wingwalls and piers roadway width 50.7 floor/decking asphalt roadway

structure width 53.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

 construction date
 1941
 designer/engineer
 Arizona Highway Department

 project number
 NFA 79-D(3)
 builder/contractor
 Pearson & Dickerson, Prescott AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

 alteration date(s)
 1959
 ca1990
 alterations
 barrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 08 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

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Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 04465 294.55 milepost inventory route SR 80 location 1.3 mi S Jct SR B 10 feature intersected Wash city/vicinity Benson **USGS** quadrangle Benson

district 84 **UTM reference** 12.567495.3534607

STRUCTURAL INFORMATION

main span number 4 main span type 219
appr. span number 0 appr. span type
degree of skew 0 guardrail type 0

 $\begin{tabular}{lll} \textbf{main span length} & 8.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 34.0 substructure concrete abutments, wingwalls and piers

roadway width 45.0 floor/decking asphalt roadway

structure width 47.3 other features none

HISTORICAL INFORMATION

construction date1930designer/engineerArizona Highway Departmentproject numberFAP 79-Dbuilder/contractorCharles & F.W Sterrgen

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1959 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 10 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

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Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 04466 294.87 milepost inventory route SR 80 location 1.6 mi S Jct SR B 10 feature intersected Wash

city/vicinity Benson **USGS** quadrangle Benson

district 84 **UTM** reference 12.567507.3534310

STRUCTURAL INFORMATION

main span number 4 main span type 219 appr. span number 0 appr. span type 6 degree of skew guardrail type

concrete box culvert main span length 8.0 superstructure structure length 34.0 substructure concrete abutments, wingwalls and piers

roadway width 45.1 floor/decking asphalt roadway

steel Thrie beam guardrails 47.9 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1930 Arizona Highway Department FAP 79-D project number builder/contractor Charles & F.W Sterrgen

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1959 ca1990 barrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 04467 295.40 milepost inventory route SR 80 location 2.1 mi S Jct SR B 10 feature intersected Wash

city/vicinity Benson **USGS** quadrangle Benson

district **UTM** reference 12.567510.3533785

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure 21.0 structure length substructure concrete abutments, wingwalls and pier

0.0 roadway width floor/decking asphalt roadway

steel Thrie beam guardrails 0.0 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1959 Arizona Highway Department

F-016-1(6) project number builder/contractor Copper State Construction Company, Mesa AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations ca1990 Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 04468 295.64 milepost inventory route SR 80 location 2.3 mi S Jct SR B 10 feature intersected Wash city/vicinity Benson **USGS** quadrangle Benson

district 84 **UTM reference** 12.567568.3533406

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert structure length 32.0 substructure concrete abutments, wingwalls and piers

roadway width 45.0 floor/decking asphalt roadway

structure width 47.6 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1959 designer/engineer Arizona Highway Department

project number F-016-1(6) builder/contractor Copper State Construction Company, Mesa AZ

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) ca1990 alterations Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

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Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 04469 296.20 milepost inventory route SR 80 location 2.9 mi S Jct SR B 10 feature intersected Wash city/vicinity Curtiss **USGS** quadrangle Benson

district 84 **UTM reference** 12.568168.3532745

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert structure length 64.0 substructure concrete abutments, wingwalls and piers

roadway width 45.1 floor/decking asphalt roadway

structure width 47.2 other features steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date1930designer/engineerArizona Highway Departmentproject numberFAP 79-Dbuilder/contractorCharles & F.W Sterrgen

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1959 ca1990 alterations barrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 12 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

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Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 04470 296.72 milepost inventory route SR 80 location 3.4 mi S Jct SR B 10 feature intersected Wash city/vicinity Curtiss **USGS** quadrangle Benson

district 84 **UTM reference** 12.568812.3532197

STRUCTURAL INFORMATION

main span number 5 main span type 219
appr. span number 0 appr. span type
degree of skew 0 guardrail type 6

main span length 10.0 superstructure concrete box culvert structure length 53.0 substructure concrete abutments, wingwalls and piers

roadway width 45.5 floor/decking asphalt roadway

structure width 47.3 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date1930designer/engineerArizona Highway Departmentproject numberFAP 79-Dbuilder/contractorCharles & F.W Sterrgen

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1959 **alterations** barrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 11 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 04471 296.83 milepost inventory route SR 80 location 3.5 mi S Jct SR B 10 feature intersected Wash city/vicinity Curtiss **USGS** quadrangle Benson

district 84 **UTM reference** 12.568942.3532100

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert structure length 43.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1959 designer/engineer Arizona Highway Department

project number F-016-1(6) builder/contractor Copper State Construction Company, Mesa AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) ca1990 alterations Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 04472 297.19 milepost inventory route SR 80 location 3.9 mi S Jct SR B 10 feature intersected Wash city/vicinity Curtiss **USGS** quadrangle Benson

district 84 **UTM reference** 12.569395.3531725

STRUCTURAL INFORMATION

main span length 8.0 superstructure concrete box culvert structure length 34.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 other features steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1930 designer/engineer Arizona Highway Department

project number F-016-1(6) builder/contractor Copper State Construction Company, Mesa AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1959 ca1990 alterations barrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 12 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 04473 297.68 milepost inventory route SR 80 location 4.5 mi S Jct SR B 10 feature intersected Wash city/vicinity Curtiss **USGS** quadrangle Benson

district 84 **UTM reference** 12.569876.3531095

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert structure length 132.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1959 designer/engineer Arizona Highway Department

project number F-016-1(6) builder/contractor Copper State Construction Company, Mesa AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) ca1990 alterations Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 06 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 04475 298.50 milepost inventory route SR 80 location 5.2 mi S Jct SR B 10 feature intersected Wash

city/vicinity Curtiss **USGS** quadrangle Benson

district 84 **UTM** reference 12.570782.3530202

STRUCTURAL INFORMATION

main span number 3 main span type 219 appr. span number 0 appr. span type 6 degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure 32.0

structure length substructure concrete abutments, wingwalls and piers roadway width 0.0 floor/decking asphalt roadway

steel Thrie beam guardrails 0.0 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1959 Arizona Highway Department

F-016-1(6) project number builder/contractor Copper State Construction Company, Mesa AZ

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations ca1990 Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Saint David Bridge

PROPERTY IDENTIFICATION

 $\begin{array}{cccc} \textbf{county} & \textbf{Cochise} & \textbf{inventory number} & 00609 \\ \textbf{milepost} & 298.79 & \textbf{inventory route} & SR~80 \\ \end{array}$

location5.5 mi SE of Jct SR B 10feature intersectedSan Pedro Rivercity/vicinitySaint DavidUSGS quadrangleSaint Daviddistrict84UTM reference12.571276.3530184

STRUCTURAL INFORMATION

main span length 116.0 superstructure steel I-beam stringer structure length 416.0 substructure concrete abutments, wingwalls and piers

roadway width 30.0 floor/decking concrete deck

structure width 35.0 other features steel baluster guardrails

HISTORICAL INFORMATION

 construction date
 1960
 designer/engineer
 Hoffman-Miller Engineers, Phoenix AZ

 project number
 F-016-1(10)
 builder/contractor
 Western Constructors Inc., Phoenix AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

 alteration date(s)
 alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 25 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 04476 300.64 milepost inventory route SR 80 location 7.3 mi S Jct SR B 10 feature intersected Wash city/vicinity Saint David **USGS** quadrangle Saint David

district 84 **UTM reference** 12.574215.3530162

STRUCTURAL INFORMATION

 $\begin{array}{lll} \mbox{main span number} & 2 & \mbox{main span type} & 219 \\ \mbox{appr. span number} & 0 & \mbox{appr. span type} & \end{array}$

degree of skew 45 guardrail type

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 29.0 substructure concrete abutments, wingwalls and pier roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 other features steel Thrie beam guardrails

HISTORICAL INFORMATION

 construction date
 1930
 designer/engineer
 Arizona Highway Department

 project number
 FAP 79-D
 builder/contractor
 Charles & F.W Sterrgen

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1957 ca1990 **alterations** barrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 08 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise 301.02 milepost

location 7.7 mi S Jct SR B 10

city/vicinity Saint David

district

inventory number

inventory route

SR 80

04477

Wash

219

0

feature intersected **USGS** quadrangle

Saint David

UTM reference

12.574370.3529605

STRUCTURAL INFORMATION

main span number 3 appr. span number 0

degree of skew

10.0 main span length structure length 37.0

roadway width 0.0 0.0 structure width

main span type

appr. span type

other features

guardrail type

concrete box culvert superstructure

substructure concrete abutments, wingwalls and piers

floor/decking

asphalt roadway none

HISTORICAL INFORMATION

construction date project number

1933 FAP 79-E

information source ADOT bridge records

alteration date(s) 1957 designer/engineer

builder/contractor

structure owner alterations

Arizona Highway Department

Phoenix-Tempe Stone Co., Phoenix AZ Arizona Department of Transportation

barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

inventory score

NRHP eligibility non-eligible

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise 301.15 milepost

location 7.8 mi S Jct SR B 10

city/vicinity Saint David

district

inventory number

inventory route feature intersected

USGS quadrangle Saint David

UTM reference

12.574378.3529335

04478

SR 80

Wash

219

STRUCTURAL INFORMATION

main span number 2 appr. span number 0 degree of skew

10.0

main span length 21.0 structure length 0.0 roadway width 0.0 structure width

main span type

appr. span type

0 guardrail type

concrete box culvert superstructure

substructure floor/decking concrete abutments, wingwalls and pier

asphalt roadway

none other features

HISTORICAL INFORMATION

construction date project number

1933 FAP 79-E

information source ADOT bridge records

alteration date(s) 1957 designer/engineer

builder/contractor structure owner

alterations

Arizona Highway Department Phoenix-Tempe Stone Co., Phoenix AZ

Arizona Department of Transportation

barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

inventory score

NRHP eligibility non-eligible

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 04479 301.90 milepost inventory route SR 80 location 8.6 mi South of Jct B 10 feature intersected Wash city/vicinity Saint David **USGS** quadrangle Saint David

district 84 **UTM reference** 12.574380.3528170

STRUCTURAL INFORMATION

 $\begin{tabular}{lll} \textbf{main span length} & 8.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 24.0 substructure concrete abutments, wingwalls and pier

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

 $\begin{array}{ccc} \text{structure width} & 0.0 & \text{other features} & \text{none} \end{array}$

HISTORICAL INFORMATION

construction date 1933 designer/engineer Arizona Highway Department

project numberFAP 79-Ebuilder/contractorPhoenix-Tempe Stone Co., Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) 1957 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 06 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

04480

SR 80

PROPERTY IDENTIFICATION

 location
 9.1 mi S Jct SR B 10
 feature intersected
 Wash

 city/vicinity
 Saint David
 USGS quadrangle
 Saint David

district 84 **UTM reference** 12.574490.3527425

STRUCTURAL INFORMATION

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 53.0 substructure concrete abutments, wingwalls and piers

roadway width 41.3 floor/decking asphalt roadway

structure width 43.0 other features none

HISTORICAL INFORMATION

construction date 1933 designer/engineer Arizona Highway Department

project numberFAP 79-Ebuilder/contractorPhoenix-Tempe Stone Co., Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) 1957 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 13 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Stronghold Bridge

PROPERTY IDENTIFICATION

county Cochise inventory number 00095 302.80 milepost inventory route SR 80

location 9.5 mi South Jct SR B 10 feature intersected Stronghold Wash city/vicinity Saint David **USGS** quadrangle Saint David

district **UTM** reference 12.574710.3526864

STRUCTURAL INFORMATION

main span number 5 main span type 201 appr. span number 0 appr. span type 4 degree of skew guardrail type

concrete slab main span length 22.0 superstructure

112.0 structure length substructure concrete abutments and wingwalls with steel pile

35.6 concrete deck with asphalt overlay roadway width floor/decking

structure width 39.2 other features solid concrete guardrails with Thrie beams at

approaches

HISTORICAL INFORMATION

construction date 1933 designer/engineer Arizona Highway Department

project number FAP 79-E builder/contractor Phoenix-Tempe Stone Co., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1957 alterations deck widened and guardrails replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 19 NRHP eligibility non-eligible

> NRHP criteria C

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

BRIDGE INVENTORY HISTORIC

Wash Bridge

PROPERTY IDENTIFICATION

county Cochise inventory number 00096 303.14 milepost inventory route SR 80 location 9.8 mi South Jct SR B 10 feature intersected Dry Wash city/vicinity Curtiss **USGS** quadrangle Land

district **UTM** reference 12.574900.3526264

STRUCTURAL INFORMATION

main span number 7 main span type 201 appr. span number 0 appr. span type 4 degree of skew guardrail type concrete slab main span length 22.0 superstructure

structure length 156.0 substructure concrete abutments and wingwalls with steel pile

34.0 concrete deck with asphalt overlay roadway width floor/decking

structure width 37.0 other features solid concrete guardrails with Thrie beams at

approaches

HISTORICAL INFORMATION

construction date 1933 designer/engineer Arizona Highway Department

project number FAP 79-E builder/contractor Phoenix-Tempe Stone Co., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1957 alterations deck widened and guardrails replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

NRHP eligibility inventory score 21 non-eligible

> NRHP criteria C

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Wash Bridge

PROPERTY IDENTIFICATION

city/vicinity Curtiss USGS quadrangle Land

district 84 **UTM reference** 12.575237.3525428

STRUCTURAL INFORMATION

structure length 66.0 **substructure** concrete abutments and wingwalls with steel pile

piers

roadway width 34.0 floor/decking concrete deck with asphalt overlay

structure width 37.0 **other features** solid concrete guardrails with Thrie beams at

approaches

HISTORICAL INFORMATION

construction date 1933 designer/engineer Arizona Highway Department

project numberFAP 79-Ebuilder/contractorPhoenix-Tempe Stone Co., Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1957alterationsdeck widened and guardrails replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

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inventory score 17 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Wash Bridge

PROPERTY IDENTIFICATION

 county
 Cochise
 inventory number
 00098

 milepost
 304.14
 inventory route
 SR 80

 location
 9.7 mi North Jct SR 82
 feature intersected
 Dry Wash

city/vicinity Curtiss USGS quadrangle Land

district 84 **UTM reference** 12.575518.3524775

STRUCTURAL INFORMATION

main span length 22.0 superstructure conference stab

structure length 46.0 substructure concrete abutments and wingwalls with steel pile

pier

roadway width 34.6 floor/decking concrete deck with asphalt overlay

structure width 37.6 **other features** solid concrete guardrails with Thrie beams at

approaches

HISTORICAL INFORMATION

construction date 1933 designer/engineer Arizona Highway Department

project numberFAP 79-Ebuilder/contractorPhoenix-Tempe Stone Co., Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1956alterationsdeck widened and guardrails replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 16 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

BRIDGE INVENTORY HISTORIC

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 04481 304.90 milepost inventory route SR 80 location 12.8 mi S Jct SR B 10 feature intersected Wash city/vicinity Curtiss **USGS** quadrangle Land

district 84 **UTM** reference 12.576128.3523750

STRUCTURAL INFORMATION

main span number 3 main span type 219 appr. span number 0 appr. span type 6 degree of skew guardrail type concrete box culvert main span length 10.0 superstructure

structure length 32.0 substructure concrete abutments, wingwalls and piers

roadway width 36.1 floor/decking asphalt roadway

steel Thrie beam guardrails 42.7 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1931 Arizona Highway Department

FAP 79-E project number builder/contractor Phoenix-Tempe Stone Co., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation alterations

alteration date(s) 1956 ca1990 barrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Wash Bridge

PROPERTY IDENTIFICATION

county Cochise inventory number 00467 305.79 milepost inventory route SR 80 location 8.1 mi North Jct SR 82 feature intersected Dry Wash city/vicinity Curtiss **USGS** quadrangle Land

district 84 **UTM reference** 12.577015.3522620

STRUCTURAL INFORMATION

structure length 48.0 substructure concrete abutments and wingwalls with steel pile

pier

roadway width 33.7 floor/decking concrete deck with asphalt overlay

structure width 37.0 other features concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date1933designer/engineerArizona Highway Departmentproject numberFAP 79-Ebuilder/contractorPhoenix-Tempe Stone Co., Phoenix AZ

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1956 1985 alterations superstructure replaced; deck widened a

superstructure replaced; deck widened and guardrails replaced with Jersey barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Point

inventory score 16 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Curtis Wash Culvert

PROPERTY IDENTIFICATION

 county
 Cochise
 inventory number
 04482

 milepost
 306.06
 inventory route
 SR 80

 location
 12.9 mi S Jct SR B 10
 feature intersected
 Curtis Wash

city/vicinity Curtiss USGS quadrangle Land

district 84 **UTM reference** 12.577290.3522260

STRUCTURAL INFORMATION

main span length 12.0 superstructure concrete box culvert structure length 38.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1956 designer/engineer Arizona Highway Department

project numberF-79(27)builder/contractorArizona Sand & Rock Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) ca1990 alterations Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A _____ B ___ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Clifford Wash Bridge

PROPERTY IDENTIFICATION

 county
 Cochise
 inventory number
 00479

 milepost
 307.74
 inventory route
 SR 80

 location
 6.2 mi North of Jct SR 82
 feature intersected
 Clifford Wash

 city/vicinity
 Curtiss
 USGS quadrangle
 Land

district 84 **UTM reference** 12.578966.3520190

STRUCTURAL INFORMATION

main span number 5 main span type 104 appr. span number 0 appr. span type 9 degree of skew guardrail type concrete deck girder 40.0 superstructure main span length structure length 203.0 substructure concrete abutments, wingwalls and piers roadway width 30.0 floor/decking concrete deck solid concrete guardrails with Thrie beams at 33.0 structure width other features

approaches

HISTORICAL INFORMATION

 construction date
 1931
 designer/engineer
 Arizona Highway Department

 project number
 FAP 79-F
 builder/contractor
 Orr & Rawls, Phoenix AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) 1956 1985 alterations deck widened and guardrails replaced with Jersey

barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Bocumentation For

inventory score 26 NRHP eligibility non-eligible

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 04483 309.59 milepost inventory route SR 80 location 4.3 mi North of Jct SR 82 feature intersected Wash city/vicinity Tombstone **USGS** quadrangle Land

district 84 **UTM reference** 12.580397.3517580

STRUCTURAL INFORMATION

structure length 32.0 substructure concrete abutments, wingwalls and piers

roadway width 37.9 floor/decking asphalt roadway

structure width 41.6 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date1934designer/engineerArizona Highway Departmentproject numberFAP 79-Fbuilder/contractorOrr & Rawls, Phoenix AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1957 ca1990 alterations barrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 11 NRHP eligibility non-cligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 04484 309.80 milepost inventory route SR 80 location 4.1 mi North of Jct SR 82 feature intersected Wash city/vicinity Tombstone **USGS** quadrangle Land

district 84 **UTM reference** 12.580644.3517296

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert structure length 33.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date1934designer/engineerArizona Highway Departmentproject numberFAP 79-Fbuilder/contractorOrr & Rawls, Phoenix AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1957 ca1990 alterations barrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 11 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 04485 310.92 milepost inventory route SR 80 location 3.0 mi North of Jct SR 82 feature intersected Wash city/vicinity Tombstone **USGS** quadrangle Land

district 84 **UTM reference** 12.581972.3516137

STRUCTURAL INFORMATION

main span number 2 main span type 219
appr. span number 0 appr. span type
degree of skew 0 guardrail type 6

main span length 10.0 superstructure concrete box culvert structure length 21.0 substructure concrete abutments, wingwalls and pier

roadway width 38.1 floor/decking asphalt roadway

structure width 42.9 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date1934designer/engineerArizona Highway Departmentproject numberFAP 79-Fbuilder/contractorOrr & Rawls, Phoenix AZ

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1959 ca1990 alterations barrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 10 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

BRIDGE INVENTORY HISTORIC

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 04486 311.56 milepost inventory route SR 80 location 2.3 mi North of Jct SR 82 feature intersected Wash city/vicinity Tombstone **USGS** quadrangle Land

district **UTM** reference 12.582765.3515467

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure 21.0 structure length substructure concrete abutments, wingwalls and pier

0.0 roadway width floor/decking asphalt roadway

steel Thrie beam guardrails 0.0 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1957 Arizona Highway Department

F-016-1(2) project number builder/contractor Martin Construction Company, Tucson AZ information source ADOT bridge records structure owner Arizona Department of Transportation alterations

alteration date(s) ca1990 Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

BRIDGE INVENTORY HISTORIC

Willow Wash Bridge

DDODEDTV	IDENTIFICATION
PROPERIT	IDENTIFICATION

county Cochise inventory number 00107 312.80 milepost inventory route SR 80 location 1.1 mi N Jct SR 82 feature intersected Willow Wash city/vicinity Tombstone **USGS** quadrangle Haberstock Hill 12.584209.3514142

district

UTM reference

STRUCTURAL INFORMATION

main span number 4 main span type 104 appr. span number 0 appr. span type 6 degree of skew guardrail type

concrete deck girder main span length 40.0 superstructure

structure length 162.0 substructure concrete abutments, wingwalls and piers roadway width 34.0 floor/decking concrete deck 36.5 steel angle guardrails structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1934 Arizona Highway Department FAP 79-F project number builder/contractor Orr & Rawls, Phoenix AZ

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1959 alterations 1996 deck widened and guardrails replaced; scour

protection built

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility inventory score 21 non-eligible

> NRHP criteria C

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Wash Bridge

PROPERTY IDENTIFICATION

county Cochise inventory number 00103 313.33 milepost inventory route SR 80 location 0.6 mi N of Jct SR 82 feature intersected Dry Wash city/vicinity Tombstone **USGS** quadrangle Haberstock Hill district **UTM** reference 12.584840.3513573

STRUCTURAL INFORMATION

main span number 3 main span type 101 appr. span number 0 appr. span type 6 degree of skew guardrail type concrete slab 20.0 superstructure main span length structure length 60.0 substructure concrete abutments, wingwalls and piers

roadway width34.0floor/deckingconcrete deckstructure width36.4other featuressteel angle guardrails

HISTORICAL INFORMATION

 construction date
 1934
 designer/engineer
 Arizona Highway Department

 project number
 FAP 79-F
 builder/contractor
 Orr & Rawls, Phoenix AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

 alteration date(s)
 1959
 1997
 alterations
 deck widened and guardrails replaced; scour

protection built

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 17 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

countyCochiseinventory number04487milepost314.48inventory routeSR 80location0.6 mi S Jct SR 82feature intersectedWash

city/vicinity Tombstone USGS quadrangle Tombstone

district 84 **UTM reference** 12.585960.3512440

STRUCTURAL INFORMATION

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length32.0substructureconcrete abutments, wingwalls and piersroadway width0.0floor/deckingasphalt roadway

aspirate roadway

 $\begin{array}{ccc} \textbf{structure width} & 0.0 & \textbf{other features} & \text{steel Thrie beam guardrails} \\ \end{array}$

HISTORICAL INFORMATION

construction date1959designer/engineerArizona Highway Departmentproject numberF-016-1(3)builder/contractorCyr & Evans Contracting Companyinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)ca1990alterationsThrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Walnut Canyon Bridge

PROPERTY IDENTIFICATION

 $\begin{array}{cccc} \textbf{county} & \textbf{Cochise} & \textbf{inventory number} & 00108 \\ \textbf{milepost} & 315.50 & \textbf{inventory route} & SR~80 \\ \end{array}$

location 1.6 mi S Jct SR 82 feature intersected Walnut Canyon city/vicinity Tombstone USGS quadrangle Tombstone

district 84 **UTM** reference 12.587130.3511092

STRUCTURAL INFORMATION

 $\begin{array}{lll} \mbox{main span number} & 5 & \mbox{main span type} & 104 \\ \mbox{appr. span number} & 0 & \mbox{appr. span type} & \end{array}$

degree of skew 30 guardrail type 6

 $\begin{tabular}{lll} \textbf{main span length} & 40.0 & & \textbf{superstructure} & & concrete deck girder \\ \end{tabular}$

structure length 202.0 substructure concrete abutments, wingwalls and piers roadway width 30.0 floor/decking concrete deck

structure width 33.0 other features steel angle guardrails

HISTORICAL INFORMATION

construction date1934designer/engineerArizona Highway Departmentproject numberFAP 79-Fbuilder/contractorOrr & Rawls, Phoenix AZ

information sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1959alterationsdeck widened and guardrails replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 22 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Emerald Gulch Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 04488 318.52 milepost inventory route SR 80

location 4.6 mi S Jct SR 82 feature intersected Emerald Gulch city/vicinity Tombstone **USGS** quadrangle Tombstone district **UTM** reference 12.589954.3508010

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete box culvert 10.0 superstructure main span length 21.0 structure length substructure concrete abutments, wingwalls and pier

0.0 roadway width floor/decking asphalt roadway

steel Thrie beam guardrails 0.0 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1937 Arizona Highway Department

FAP 79-C (1st Reo.) project number builder/contractor Packard Contracting Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations 1968 ca1990 barrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Government Draw Bridge

PROPERTY IDENTIFICATION

 $\begin{array}{cccc} \textbf{county} & \textbf{Cochise} & \textbf{inventory number} & 00109 \\ \textbf{milepost} & 325.70 & \textbf{inventory route} & SR~80 \\ \end{array}$

 location
 11.8 mi S Jct SR 82
 feature intersected
 Government Draw

 city/vicinity
 Tombstone
 USGS quadrangle
 Tombstone SE

 district
 84
 UTM reference
 12.590095.3497526

STRUCTURAL INFORMATION

main span length 36.0 superstructure steel I-beam stringer structure length 180.0 substructure concrete abutments, wingwalls and piers

roadway width30.0floor/deckingconcrete deckstructure width32.8other featuressteel angle guardrails

HISTORICAL INFORMATION

construction date1934designer/engineerArizona Highway Departmentproject numberNRH 79-Cbuilder/contractorOrr & Lashmet, Bisbee AZ

information sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1961alterationsdeck widened and guardrails replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 18 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

city/vicinityTombstoneUSGS quadrangleTombstone SEdistrict84UTM reference12.592382.3492913

STRUCTURAL INFORMATION

main span number 6 main span type 219
appr. span number 0 appr. span type
degree of skew 0 guardrail type 0

main span length 10.0 superstructure concrete box culvert

structure length66.0substructureconcrete abutments, wingwalls and piersroadway width0.0floor/deckingasphalt roadway

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date 1940 designer/engineer Arizona Highway Department

project number FAP 79-A&C builder/contractor Phoenix-Tempe Stone Co., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1960 alterations barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 10 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

BRIDGE INVENTORY HISTORIC

Sandy Bob Wash Bridge

PROPERTY IDENTIFICATION

county Cochise inventory number 00234 330.58 milepost inventory route SR 80

location 2.3 mi North of Jct SR 90 feature intersected Sandy Bob Wash city/vicinity Tombstone **USGS** quadrangle Tombstone SE district **UTM** reference 12.593850.3490790

STRUCTURAL INFORMATION

main span number 4 main span type 201 appr. span number 0 appr. span type degree of skew guardrail type

concrete slab 25.0 superstructure main span length structure length 101.0 substructure concrete abutments, wingwalls and piers

roadway width 30.0 floor/decking concrete deck

solid concrete guardrails with Thrie beams at 33.0 structure width other features

approaches

HISTORICAL INFORMATION

construction date designer/engineer 1940 Arizona Highway Department FAP 79-A&C

project number builder/contractor Phoenix-Tempe Stone Co., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations ca1990 Thrie beams installed at approaches

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

NRHP eligibility non-eligible inventory score 23

NRHP criteria

signif. statement undistinguished example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

 $\begin{array}{cccc} \textbf{county} & \textbf{Cochise} & \textbf{inventory number} & 04491 \\ \textbf{milepost} & 331.20 & \textbf{inventory route} & SR 80 \\ \textbf{location} & 1.7 \ \text{mi N Jct SR } 90 & \textbf{feature intersected} & Wash \\ \end{array}$

city/vicinityTombstoneUSGS quadrangleTombstone SEdistrict84UTM reference12.593983.3489800

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert

structure length51.0substructureconcrete abutments, wingwalls and piersroadway width48.4floor/deckingasphalt roadway

structure width 50.4 other features none

HISTORICAL INFORMATION

construction date 1940 designer/engineer Arizona Highway Department

project numberFAP 79-A&Cbuilder/contractorPhoenix-Tempe Stone Co., Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) 1960 alterations barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 08 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537 May 2009

,

Tombstone Canyon Bridge

PROPERTY IDENTIFICATION

 $\begin{array}{cccc} \textbf{county} & \textbf{Cochise} & \textbf{inventory number} & 00480 \\ \textbf{milepost} & 333.27 & \textbf{inventory route} & SR~80 \\ \end{array}$

 location
 0.4 mi South of Jct SR 90
 feature intersected
 Tombstone Canyon

 city/vicinity
 Tintown
 USGS quadrangle
 Tombstone SE

 district
 84
 UTM reference
 12.593347.3486654

STRUCTURAL INFORMATION

structure length 110.0 substructure concrete abutments, wingwalls and piers roadway width 30.0 floor/decking concrete deck with asphalt overlay structure width 32.4 other features concrete Jersey barrier guardrails

HISTORICAL INFORMATION

construction date designer/engineer 1930 Arizona Highway Department NRH 79-B project number builder/contractor Orr, Rawls & Lashmet, Phoenix AZ structure owner information source ADOT bridge records Arizona Department of Transportation alteration date(s) 1981 alterations 1956 1975 deck widened and guardrails replaced with Jersey barriers; scour protection built

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 21 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Tombstone Canyon Bridge

PROPERTY IDENTIFICATION

 $\begin{array}{ccc} \textbf{county} & \textbf{Cochise} & \textbf{inventory number} & 00481 \\ \textbf{milepost} & 334.19 & \textbf{inventory route} & SR~80 \end{array}$

location1.3 mi South of Jct SR 90feature intersectedTombstone Canyoncity/vicinityTintownUSGS quadrangleTombstone SEdistrict84UTM reference12.594440.3485674

STRUCTURAL INFORMATION

structure length74.0substructureconcrete abutments, wingwalls and pierroadway width34.0floor/deckingconcrete deck with asphalt overlaystructure width36.4other featuresconcrete Jersey barrier guardrails

HISTORICAL INFORMATION

construction date1932designer/engineerArizona Highway Departmentproject numberNRH 79-Bbuilder/contractorOrr, Rawls & Lashmet, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)19561975alterationsdeck widened and guardrails replaced with Jersey

barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 20 NRHP eligibility non-eligible

NRHP criteria A ____ B ___ C ___

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Wash Bridge

PROPERTY IDENTIFICATION

county Cochise inventory number 00468 336.45 milepost inventory route SR 80 location 3.6 mi South of Jct SR 90 feature intersected Wash city/vicinity Tintown **USGS** quadrangle Bisbee

district 84 **UTM reference** 12.597310.3482750

STRUCTURAL INFORMATION

structure length 24.0 substructure concrete abutments and wingwalls roadway width 34.0 floor/decking concrete deck with asphalt overlay

structure width 45.5 other features solid concrete guardrails with Thrie beams

HISTORICAL INFORMATION

construction date 1932 designer/engineer Arizona Highway Department

 $\begin{array}{lll} \textbf{project number} & \operatorname{FAP} \operatorname{79-G(1)} & \textbf{builder/contractor} & \operatorname{state\ work\ force} \end{array}$

information sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1956alterationsdeck widened and guardrails replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 27 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 04492 337.06 milepost inventory route US 80 location 4.2 mi S Jct SR 90 feature intersected Wash city/vicinity Tintown **USGS** quadrangle Bisbee

district 84 **UTM reference** 12.597634.3482526

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert

structure length 21.0 substructure concrete abutments, wingwalls and pier

 ${\bf roadway\ width} \qquad 0.0 \qquad \qquad {\bf floor/decking} \qquad {\bf asphalt\ roadway}$

 $\begin{array}{ccc} \text{structure width} & 0.0 & \text{other features} & \text{none} \end{array}$

HISTORICAL INFORMATION

construction date 1940 designer/engineer Arizona Highway Department

project numberFAP 79-A&Cbuilder/contractorPhoenix-Tempe Stone Co., Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) 1956 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 06 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537 May 2009

lay 2009

West Boulevard Overpass

PROPERTY IDENTIFICATION

 $\begin{array}{cccc} \textbf{county} & \textbf{Cochise} & \textbf{inventory number} & 00614 \\ \textbf{milepost} & 339.81 & \textbf{inventory route} & SR~80 \\ \end{array}$

location 6.9 mi South of Jct SR 90 feature intersected West Boulevard

city/vicinity Bisbee USGS quadrangle Bisbee

district 84 **UTM** reference 12.601220.3480157

STRUCTURAL INFORMATION

structure length 53.0 substructure concrete Jersey barrier guardrails with Thrie

beams at approaches

roadway width 52.0 floor/decking concrete deck

structure width 57.4 other features concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date 1960 designer/engineer Arizona Highway Department

project number F-016-1(7) builder/contractor Tanner Brothers Construction Co., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) ca1990 alterations guardrails replaced with Jersey barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 14 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Brewery Gulch Overpass

PROPERTY IDENTIFICATION

 $\begin{array}{cccc} \textbf{county} & \textbf{Cochise} & \textbf{inventory number} & 00670 \\ \textbf{milepost} & 341.42 & \textbf{inventory route} & SR~80 \\ \end{array}$

location 2.3 mi North Jct SR 92 feature intersected Brewery Gulch Street

city/vicinity Bisbee USGS quadrangle Bisbee

district 84 **UTM reference** 12.603296.3478965

STRUCTURAL INFORMATION

main span length 39.0 superstructure concrete rigid frame

structure length 41.0 substructure concrete abutments and wingwalls roadway width 59.7 floor/decking concrete deck

structure width 76.8 other features steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1960 designer/engineer Arizona Highway Department

project number F-016-1(11) builder/contractor Fisher Contracting Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) ca1990 alterations Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 17 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement undistinguished example of uncommon structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Brewery Gulch Culvert

PROPERTY IDENTIFICATION

 $\begin{array}{cccc} \textbf{county} & \textbf{Cochise} & \textbf{inventory number} & 06480 \\ \textbf{milepost} & 341.46 & \textbf{inventory route} & SR~80 \\ \end{array}$

location 2.2 mi West of Jct SR 92 feature intersected Brewery Gulch

city/vicinity Bisbee USGS quadrangle Bisbee

district 84 **UTM reference** 12.603410.3478940

STRUCTURAL INFORMATION

main span length 12.0 superstructure concrete box culvert

structure length 25.0 substructure concrete abutments, wingwalls and pier

roadway width 0.0 floor/decking asphalt roadway

 $\begin{array}{ccc} \text{structure width} & 0.0 & \text{other features} & \text{none} \end{array}$

HISTORICAL INFORMATION

construction date 1961 designer/engineer Arizona Highway Department

project numberF-016-1(11)builder/contractorFisher Contracting Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) 1968 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

Copper King Canyon Culvert

PROPERTY	IDENTIF	ICATION
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 $\begin{array}{cccc} \textbf{county} & \textbf{Cochise} & \textbf{inventory number} & 04494 \\ \textbf{milepost} & 341.95 & \textbf{inventory route} & \textbf{US } 80 \\ \end{array}$

city/vicinity Bisbee USGS quadrangle Bisbee

district 84 **UTM reference** 12.604010.3478572

STRUCTURAL INFORMATION

main span length 12.0 superstructure concrete box culvert

structure length 45.0 substructure concrete abutments, wingwalls and pier

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date 1961 designer/engineer Arizona Highway Department

project number F-016-1(11) builder/contractor Fisher Contracting Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s)

Anzona Department of Transportation

alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 08 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Copper King Canyon Culvert

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PRU	PER'	I Y IL	JEN I	IFIC	АΠ	UN

county Cochise inventory number 06481 342.04 milepost inventory route SR 80

1.7 mi W Jct SR 92 location feature intersected Copper King Canyon

city/vicinity Bisbee **USGS** quadrangle Bisbee

district 84 **UTM** reference 12.604178.3478514

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type degree of skew guardrail type

concrete box culvert 12.0 superstructure main span length

structure length 27.0 substructure concrete abutments, wingwalls and pier

0.0 floor/decking roadway width asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1961 Arizona Highway Department

F-016-1(11) project number builder/contractor Fisher Contracting Company, Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 08 NRHP eligibility non-eligible

NRHP criteria C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Lowell Underpass

PROPERTY IDENTIFICATION

county Cochise inventory number 00269 343.01 milepost inventory route Lowell RR location 0.1 mi West of Jct SR 92 feature intersected SR 80 city/vicinity Lowell **USGS** quadrangle Bisbee

district 84 **UTM reference** 12.604878.3478342

STRUCTURAL INFORMATION

main span number 2 main span type 303 appr. span number 0 appr. span type degree of skew guardrail type 40.0 superstructure steel plate through girder main span length structure length 93.0 substructure concrete abutments and wingwalls floor/decking ballast railroad deck roadway width 0.0

structure width 0.0 other features none

HISTORICAL INFORMATION

 construction date
 1958
 designer/engineer
 Arizona Highway Department

 project number
 NF-016-1(57)
 builder/contractor
 Western Constructors Inc., Phoenix AZ

 information source
 ADOT bridge records
 structure owner
 Union Pacific Railroad

 alteration date(s)
 alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 38 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of relatively common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Lowell Underpass

PROPERTY IDENTIFICATION

county Cochise inventory number 01033 343.57 milepost inventory route Lowell SPRR location 0.1 mi West of Jct SR 92 feature intersected Erie Street city/vicinity Lowell **USGS** quadrangle Bisbee

district 84 **UTM reference** 12.605220.3477788

STRUCTURAL INFORMATION

main span number1main span type403appr. span number0appr. span typedegree of skew0guardrail type0main span length45.0superstructuresteel plate through girderstructure length45.0substructureconcrete abutments and wingwalls

roadway width 0.0 floor/decking ballast railroad deck

structure width 0.0 other features modest Art Moderne scoring on concrete pylons

HISTORICAL INFORMATION

construction date 1941 designer/engineer Arizona Highway Department

project number FAGH 791-4(4) builder/contractor

 information source
 ADOT bridge records
 structure owner
 Union Pacific Railroad

 alteration date(s)
 ca1990
 alterations
 bridge partially dismantled

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 39 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement example of Depression-era architectural treatment on

railroad grade separation

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 04496 344.93 milepost inventory route US 80 location 1.2 mi E Jct SR 92 feature intersected Wash city/vicinity Lowell **USGS** quadrangle Bisbee NE

district 84 **UTM** reference 12.607200.3477750

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete box culvert main span length 10.0 superstructure structure length 22.0 substructure concrete abutments, wingwalls and pier

floor/decking roadway width 44.9 asphalt roadway

46.9 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1947 Arizona Highway Department F-11(6) builder/contractor project number

information source ADOT bridge records structure owner Arizona Department of Transportation

alterations

alteration date(s)

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 06 NRHP eligibility non-eligible

> NRHP criteria C

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 04497 345.61 milepost inventory route US 80 location 1.9 mi E Jct SR 92 feature intersected Wash city/vicinity Lowell **USGS** quadrangle Bisbee NE

district 84 **UTM reference** 12.608240.3477895

STRUCTURAL INFORMATION

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 21.0 **substructure** concrete abutments, wingwalls and pier

 $\begin{tabular}{lll} {\bf roadway \ width} & 0.0 & {\bf floor/decking} & {\bf asphalt \ roadway} \end{tabular}$

structure width 0.0 other features none

HISTORICAL INFORMATION

construction date 1947 designer/engineer Arizona Highway Department

project number F-11(6) builder/contractor information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 06 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 04498 346.14 milepost inventory route US 80 location 2.4 mi E Jct SR 92 feature intersected Wash city/vicinity Bakerville **USGS** quadrangle Bisbee NE

district **UTM** reference 12.609290.3478070

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type

degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

21.0 structure length substructure concrete abutments, wingwalls and pier

0.0 floor/decking roadway width asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1947 Arizona Highway Department

F-11(6) builder/contractor project number information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1999

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

inventory score 06 NRHP eligibility non-eligible

> NRHP criteria В C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

BRIDGE INVENTORY HISTORIC

Lowell Arch Bridge

PROPERTY IDENTIFICATION

county Cochise inventory number 00130 348.15 milepost inventory route SR 80 location 4.5 mi East Jct SR 92 feature intersected Mule Gulch city/vicinity Bakerville **USGS** quadrangle Bisbee NE

district **UTM** reference 12.611643.3479163

STRUCTURAL INFORMATION

main span number 1 main span type 111 appr. span number 0 appr. span type 4 degree of skew guardrail type

concrete filled spandrel arch 60.0 superstructure main span length

structure length 105.0 substructure concrete abutments and wingwalls w/ spread

30.0 asphalt roadway over earth fill roadway width floor/decking

structure width 33.5 other features plain spandrel walls; moulded concrete guardrails

w/ concrete doghouse guardrails

HISTORICAL INFORMATION

construction date 1911 designer/engineer Arizona State Engineer project number builder/contractor none R. Tooney & Sons

information source ADOT bridge records structure owner

alteration date(s) 1934

Arizona Department of Transportation alterations arch barrel widened; spandrels and guardrails

replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

inventory score 63 NRHP eligibility eligible

> **NRHP** criteria A x C x

signif. statement one of Arizona's earliest bridges, modified by WPA

FORM COMPLETED BY

Clayton B. Fraser, Principal

Wash Bridge

PROPERTY IDENTIFICATION

county Cochise inventory number 00235 349.28 milepost inventory route SR 80 location 5.6 mi East Jct SR 92 feature intersected Wash city/vicinity Bakerville **USGS** quadrangle Bisbee NE

district 84 **UTM reference** 12.613047.3477960

STRUCTURAL INFORMATION

structure length36.0substructureconcrete abutments, wingwalls and pierroadway width36.2floor/deckingconcrete deck with asphalt overlay

structure width 42.3 other features steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1920 designer/engineer Arizona Highway Department project number FAP 11 builder/contractor

 project number
 FAP 11
 builder/contractor

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

 alteration date(s)
 1936
 1996
 alterations
 deck widened; deck and guardrails replaced and

scour protection built

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 14 NRHP eligibility non-eligible

NRHP criteria A ____ B ___ C ___

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Wash Bridge

PROPERTY IDENTIFICATION

county Cochise inventory number 00236 350.72 milepost inventory route SR 80 location 7.0 mi East Jct SR 92 feature intersected Wash city/vicinity Bakerville **USGS** quadrangle Bisbee SE

district 84 **UTM reference** 12.614694.3466332

STRUCTURAL INFORMATION

structure length 48.0 substructure concrete abutments, wingwalls and piers

roadway width36.0floor/deckingconcrete deck with asphalt overlaystructure width42.3other featuressteel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1920 designer/engineer Arizona Highway Department

project number FAP 11 builder/contractor

information sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)19361996alterationsdeck widened; deck and guardrails replaced and

scour protection built

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 15 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 06620 351.50 milepost inventory route US 80 location 8.0 mi East Jct SR 92 feature intersected Wash city/vicinity Paul Spur **USGS** quadrangle Bisbee NE

district 84 **UTM reference** 12.615833.3475197

STRUCTURAL INFORMATION

main span length 12.0 superstructure concrete box culvert structure length 25.0 substructure concrete abutments, wingwalls and pier

roadway width 36.1 floor/decking asphalt roadway

structure width 42.4 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date1936designer/engineerArizona Highway Departmentproject numberWPH 11builder/contractor

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1940 ca1995 **alterations** barrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Glance Creek Bridge

PROPERTY	IDENTIFICATION

county Cochise inventory number 00237 352.38 milepost inventory route SR 80 location 8.7 mi East Jct SR 92 feature intersected Glance Creek city/vicinity Paul Spur **USGS** quadrangle Bisbee NE

district 84 **UTM reference** 12.616600.3474464

STRUCTURAL INFORMATION

main span length 18.0 superstructure concrete slab

structure length125.0substructureconcrete abutments, wingwalls and piersroadway width35.9floor/deckingconcrete deck with asphalt overlaystructure width42.3other featuressteel Thrie beam guardrails

HISTORICAL INFORMATION

construction date1920designer/engineerArizona Highway Departmentproject numberFAP 11builder/contractor

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1936 1948 1996 alterations deck widened; deck and guardrails replaced and

scour protection built

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 19 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Wash Bridge

PROPERTY IDENTIFICATION

 $\begin{array}{cccc} \textbf{county} & \textbf{Cochise} & \textbf{inventory number} & 00238 \\ \textbf{milepost} & 355.05 & \textbf{inventory route} & SR 80 \\ \textbf{location} & 9.6 \ \text{mi} \ \text{W} \ \text{Jct} \ \text{US} \ 191 & \textbf{feature intersected} & Wash \\ \end{array}$

city/vicinityPaul SpurUSGS quadrangleDouble Adobedistrict84UTM reference12.619997.3471905

STRUCTURAL INFORMATION

structure length106.0substructureconcrete abutments, wingwalls and piersroadway width40.0floor/deckingconcrete deck with asphalt overlaystructure width42.8other featuressteel beam guardrails with concrete posts and

bulkheads

HISTORICAL INFORMATION

construction date 1940 designer/engineer Arizona Highway Department

 project number
 builder/contractor

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

 alteration date(s)
 1948
 1996
 alterations
 outlet apron built; deck replaced and scour

protection built

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 17 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Palm Grove Wash Bridge

PROPERTY IDENTIFICATION

 $\begin{array}{cccc} \textbf{county} & \textbf{Cochise} & \textbf{inventory number} & 00175 \\ \textbf{milepost} & 365.68 & \textbf{inventory route} & SR~80 \\ \end{array}$

city/vicinity Douglas USGS quadrangle Douglas

district 84 **UTM reference** 12.636747.3469355

STRUCTURAL INFORMATION

structure length85.0substructureconcrete abutments, wingwalls and piersroadway width68.0floor/deckingconcrete deck with asphalt overlay

structure width 81.8 other features steel angle guardrails

HISTORICAL INFORMATION

 construction date
 1937
 designer/engineer
 Arizona Highway Department

 project number
 FAP 79-J
 builder/contractor
 Jack A. Casson Company, Phoenix AZ

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) 1982 alterations deck widened and scour protection built

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 18 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Wash Bridge

PROPERTY IDENTIFICATION

county Cochise inventory number 00052 368.00 milepost inventory route SR 80 location 3.3 mi E Jct US 191 feature intersected Wash city/vicinity Douglas **USGS** quadrangle Douglas

district 84 **UTM reference** 12.638368.3470460

STRUCTURAL INFORMATION

structure length 32.0 substructure concrete abutments, wingwalls and pier roadway width 47.2 floor/decking concrete deck with asphalt overlay

structure width 50.4 other features concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

 construction date
 1929
 designer/engineer
 Arizona Highway Department

 project number
 FAP 14-A
 builder/contractor
 S.Y. Fawcett, Blythe CA

information sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)19381996alterationsdeck widened; deck replaced and Jersey barrier guardrails installed; scour protection built

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation For

inventory score 28 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Wash Bridge

PROPERTY IDENTIFICATION

city/vicinity Douglas USGS quadrangle Douglas

district 84 **UTM reference** 12.638452.3470660

STRUCTURAL INFORMATION

main span length22.0superstructureconcrete slab

structure length 66.0 substructure concrete abutments, wingwalls and piers roadway width 46.0 floor/decking concrete deck with asphalt overlay

structure width 49.2 other features concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date1930designer/engineerArizona Highway Departmentproject numberFAP 14-Abuilder/contractorS.Y. Fawcett, Blythe CA

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1938 1996 alterations deck widened; Jersey barrier guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 29 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 04499 370.13 milepost inventory route SR 80 location 5.4 mi E Jct US 191 feature intersected Wash city/vicinity Douglas **USGS** quadrangle Douglas NE

district 84 UTM reference 12.640868.3472717

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type 0 degree of skew 45 guardrail type concrete box culvert 8.0 superstructure main span length structure length 24.0 substructure concrete abutments, wingwalls and pier

roadway width 0.0 floor/decking asphalt roadway

 $\begin{array}{ccc} \text{structure width} & 0.0 & \text{other features} & \text{none} \end{array}$

HISTORICAL INFORMATION

construction date1930designer/engineerArizona Highway Departmentproject numberFAP 14-A(1st Reo.)builder/contractorS.Y. Fawcett, Blythe CA

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1938 alterations barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 08 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Wash Bridge

PROPERTY IDENTIFICATION

county Cochise inventory number 00064 371.98 milepost inventory route SR 80 location 07.3 mi E Jct US 191 feature intersected Dry Wash city/vicinity Douglas **USGS** quadrangle College Peaks district **UTM** reference 12.642805.3476024

STRUCTURAL INFORMATION

main span number 2 main span type 104 appr. span number 0 appr. span type 6 degree of skew guardrail type 26.0 superstructure concrete deck girder main span length structure length 52.0 substructure concrete abutments, wingwalls and pier roadway width 39.7 floor/decking concrete deck concrete Jersey barrier guardrails with Thrie beams 43.0 structure width other features at approaches

HISTORICAL INFORMATION

 construction date
 1930
 designer/engineer
 Arizona Highway Department

 project number
 FAP 14-A (Reo. Sch. 1&2)
 builder/contractor
 S.Y. Fawcett, Blythe CA

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) 1938 1996 alterations deck widened; deck and guardrails replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 18 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

BRIDGE INVENTORY HISTORIC

Culvert

PROPERTY IDENTIFICATION

county Cochise 372.23 milepost

location 7.5 mi E Jct US 191

city/vicinity Douglas district

inventory number

04500 inventory route

SR 80 feature intersected Wash

USGS quadrangle **UTM** reference

College Peaks 12.643022.3476384

STRUCTURAL INFORMATION

main span number 2 appr. span number 0 degree of skew

main span length 10.0 21.0 structure length roadway width 40.8

42.4 structure width

main span type

appr. span type

0 guardrail type

concrete box culvert superstructure

substructure floor/decking concrete abutments, wingwalls and pier

asphalt roadway

219

none other features

HISTORICAL INFORMATION

construction date 1930

FAP 14-A(1st Reo.) project number

information source ADOT bridge records

alteration date(s) 1938 designer/engineer

builder/contractor

structure owner

Arizona Highway Department

S.Y. Fawcett, Blythe CA

Arizona Department of Transportation

alterations barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

inventory score

NRHP eligibility non-eligible

NRHP criteria

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Wash Bridge

PROPERTY IDENTIFICATION

county Cochise inventory number 00054 372.65 milepost inventory route SR 80 location 8.0 mi E Jct US 191 feature intersected Dry Wash city/vicinity Douglas **USGS** quadrangle College Peaks district **UTM** reference 12.642805.3476035

STRUCTURAL INFORMATION

main span number 2 main span type 101 appr. span number 0 appr. span type 6 degree of skew guardrail type concrete slab 22.0 superstructure main span length structure length 44.0 substructure concrete abutments, wingwalls and pier roadway width 39.7 floor/decking concrete deck with asphalt overlay concrete Jersey barrier guardrails with Thrie beams 42.9 structure width other features at approaches

HISTORICAL INFORMATION

alteration date(s)

 construction date
 1930
 designer/engineer
 Arizona Highway Department

 project number
 FAP 14-A(1st Reo.)
 builder/contractor
 S.Y. Fawcett, Blythe CA

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alterations

1938 1985

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

deck widened; deck and guardrails replaced

inventory score 28 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Wash Bridge

PROPERTY IDENTIFICATION

county Cochise inventory number 00055 373.90 milepost inventory route SR 80 location 9.2 mi E Jct US 191 feature intersected Dry Wash city/vicinity Douglas **USGS** quadrangle College Peaks district **UTM** reference 12.643810.3477765

STRUCTURAL INFORMATION

main span number 2 main span type 101 appr. span number 0 appr. span type 6 degree of skew guardrail type concrete slab 22.0 superstructure main span length structure length 44.0 substructure concrete abutments, wingwalls and pier roadway width 39.7 floor/decking concrete deck with asphalt overlay concrete Jersey barrier guardrails with Thrie beams 42.9 structure width other features at approaches

HISTORICAL INFORMATION

 construction date
 1930
 designer/engineer
 Arizona Highway Department

 project number
 FAP 14-A(1st Reo.)
 builder/contractor
 S.Y. Fawcett, Blythe CA

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

 alteration date(s)
 1938
 ca1985
 alterations
 deck widened; deck and guardrails replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 28

NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Wash Bridge

PROPERTY IDENTIFICATION

county Cochise inventory number 00065 376.81 milepost inventory route SR 80 location 12.2 mi E Jct US 191 feature intersected Dry Wash city/vicinity Douglas **USGS** quadrangle College Peaks district **UTM** reference 12.646623.3481447

STRUCTURAL INFORMATION

main span number 1 main span type 104 appr. span number 0 appr. span type degree of skew guardrail type 6 32.0 superstructure concrete deck girder main span length structure length 32.0 substructure concrete abutments, wingwalls roadway width 39.8 floor/decking concrete deck with asphalt overlay concrete Jersey barrier guardrails with Thrie beams 43.0 structure width other features at approaches

HISTORICAL INFORMATION

 construction date
 1930
 designer/engineer
 Arizona Highway Department

 project number
 FAP 14-A (Reo. Sch. 1&2)
 builder/contractor
 S.Y. Fawcett, Blythe CA

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transporta

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1938 1982 alterations deck widened; deck and guardrails replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 17 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Silver Creek Bridge

PROPERTY IDENTIFICATION

county Cochise inventory number 00066 381.76 milepost inventory route SR 80 location 17.1 mi E Jct US 191 feature intersected Silver Creek city/vicinity Douglas **USGS** quadrangle College Peaks district **UTM** reference 12.652068.3483653

STRUCTURAL INFORMATION

main span number 2 main span type 104 appr. span number 0 appr. span type degree of skew guardrail type 6 40.0 superstructure concrete deck girder main span length structure length 80.0 substructure concrete abutments, wingwalls and pier 34.2 roadway width floor/decking concrete deck with asphalt overlay steel beam guardrails with concrete posts and 37.2 structure width other features bulkheads

HISTORICAL INFORMATION

construction date 1930 designer/engineer Arizona Highway Department FAP 14-A (Reo. Sch. 1&2) project number builder/contractor S.Y. Fawcett, Blythe CA information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations 1938 1988 deck widened and guardrails replaced; deck replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

NRHP eligibility non-eligible
NRHP criteria A ______ B ____ C _____

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Hackberry Wash Bridge

PROPERTY IDENTIFICATION

county Cochise inventory number 00056 385.48 milepost inventory route SR 80

location 20.8 mi E Jct US 191 feature intersected Hackberry Wash city/vicinity Douglas **USGS** quadrangle Cinder Hill

district **UTM** reference 12.656330.3483450

STRUCTURAL INFORMATION

main span number 2 main span type 101 appr. span number 0 appr. span type degree of skew guardrail type

concrete slab 20.0 superstructure main span length

structure length 40.0 substructure concrete abutments, wingwalls and pier 25.0 roadway width floor/decking concrete deck with asphalt overlay

AHD-standard concrete guardrails with slotted 28.5 structure width other features

cutouts

HISTORICAL INFORMATION

construction date designer/engineer 1929 Arizona Highway Department FAP 14-A (Reo. Sch. 1&2) project number builder/contractor S.Y. Fawcett, Blythe CA

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations ca2000 guardrails replaced with Thrie beams

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

inventory score NRHP eligibility non-eligible

NRHP criteria

signif. statement typically configured example of AHD standard bridge

design, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Danger Wash Bridge

PROPERTY IDENTIFICATION

county Cochise inventory number 00067 387.28 milepost inventory route SR 80 location 22.6 mi E Jct US 191 feature intersected Danger Wash city/vicinity Douglas **USGS** quadrangle Cinder Hill district **UTM** reference 12.658136.3485692

STRUCTURAL INFORMATION

main span number 1 main span type 104 appr. span number 0 appr. span type degree of skew guardrail type 40.0 superstructure concrete deck girder main span length structure length 40.0 substructure concrete abutments, wingwalls roadway width 24.0 floor/decking concrete deck with asphalt overlay AHD-standard concrete guardrails with slotted 27.0 structure width other features cutouts

HISTORICAL INFORMATION

construction date designer/engineer 1929 Arizona Highway Department FAP 14-A (Reo. Sch. 1&2) project number builder/contractor S.Y. Fawcett, Blythe CA information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations 1945 ca2000 check dam built upstream; guardrails replaced with Thrie beams

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 35 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement typically configured example of AHD standard bridge

design, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Indian Creek Bridge

PROPERTY IDENTIFICATION

city/vicinityDouglasUSGS quadranglePedregosa Mountains Eastdistrict84UTM reference12.660780.3488200

STRUCTURAL INFORMATION

structure length 110.0 substructure concrete abutments, wingwalls and piers roadway width 34.0 floor/decking concrete deck with asphalt overlay

structure width 37.5 **other features** steel beam guardrails with concrete posts and

bulkheads

HISTORICAL INFORMATION

construction date1929designer/engineerArizona Highway Departmentproject numberFAP 14-A (Reo. Sch. 1&2)builder/contractorS.Y. Fawcett, Blythe CA

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1938 1990 alterations deck widened; deck repaired

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 31 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

BRIDGE INVENTORY HISTORIC

Wash Bridge

PROPERTY IDENTIFICATION

county Cochise inventory number 00068 393.65 milepost inventory route SR 80 location 29.0 mi E Jct US 191 feature intersected Dry Wash

city/vicinity Douglas **USGS** quadrangle Pedregosa Mountains East district **UTM** reference 12.664640.3493194

STRUCTURAL INFORMATION

main span number 2 main span type 104 appr. span number 0 appr. span type degree of skew guardrail type 40.0 superstructure concrete deck girder main span length structure length 80.0 substructure concrete abutments, wingwalls and pier roadway width 24.1 floor/decking concrete deck with asphalt overlay AHD-standard concrete guardrails with slotted 26.5 structure width other features

cutouts

HISTORICAL INFORMATION

construction date designer/engineer 1929 Arizona Highway Department FAP 38 (Reo.) project number builder/contractor Veater & Davis, El Paso TX information source ADOT bridge records

alteration date(s)

structure owner alterations

Arizona Department of Transportation

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

inventory score 43 NRHP eligibility non-eligible

> NRHP criteria C

signif. statement well-preserved example of AHD standard bridge design

FORM COMPLETED BY

Clayton B. Fraser, Principal

Mulberry Canyon Bridge

PROPERTY IDENTIFICATION

 $\begin{array}{cccc} \textbf{county} & \textbf{Cochise} & \textbf{inventory number} & 00069 \\ \textbf{milepost} & 394.67 & \textbf{inventory route} & SR~80 \\ \end{array}$

 $\begin{tabular}{lll} \textbf{location} & 30.0 \ mi \ E \ Jct \ US \ 191 & \textbf{feature intersected} & Mulberry \ Canyon \\ \end{tabular}$

city/vicinityDouglasUSGS quadranglePedregosa Mountains Eastdistrict84UTM reference12.665352.3494646

STRUCTURAL INFORMATION

structure length 64.0 **substructure** concrete abutments, wingwalls and pier

roadway width 24.0 floor/decking concrete deck with asphalt overlay

structure width 27.0 **other features** AHD-standard concrete guardrails with slotted

cutouts

HISTORICAL INFORMATION

NATIONAL REGISTER EVALUATION

construction date1929designer/engineerArizona Highway Departmentproject numberFAP 38 (Reo.)builder/contractorVeater & Davis, El Paso TX

information source ADOT bridge records

structure owner

Arizona Department of Transportation

alteration date(s) alterations

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 43 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement well-preserved example of AHD standard bridge design

FORM COMPLETED BY

Clayton B. Fraser, Principal

Wash Bridge

PROPERTY IDENTIFICATION

county Cochise inventory number 00070 395.26 milepost inventory route SR 80 location 30.6 mi E Jct US 191 feature intersected Dry Wash city/vicinity Douglas **USGS** quadrangle Apache

district 84 **UTM reference** 12.671850.3501487

STRUCTURAL INFORMATION

structure length32.0substructureconcrete abutments, wingwallsroadway width24.0floor/deckingconcrete deck with asphalt overlay

structure width 27.0 other features AHD-standard concrete guardrail with slotted cutouts one side; steel Thrie beam one side

HISTORICAL INFORMATION

construction date1929designer/engineerArizona Highway Departmentproject numberFAP 38 (Reo.)builder/contractorVeater & Davis, El Paso TX

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1985 alterations deck replaced; one guardrail replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 27 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ___

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

BRIDGE INVENTORY HISTORIC

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 04501 397.23 milepost inventory route SR 80 location 32.5 mi E Jct US 191 feature intersected Wash city/vicinity Douglas **USGS** quadrangle Apache

district **UTM** reference 12.675003.3504170

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type main span length concrete box culvert 10.0 superstructure

structure length 21.0 substructure concrete abutments, wingwalls and pier

73.5 floor/decking roadway width asphalt roadway

75.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1930 Arizona Highway Department FAP 38 (Reo.) builder/contractor project number Veater & Davis, El Paso TX

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1996

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score NRHP eligibility non-eligible

> NRHP criteria C

signif. statement undistinguished example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Wash Bridge

PROPERTY IDENTIFICATION

county Cochise inventory number 00058 399.89 milepost inventory route SR 80 location 35.2 mi E Jct US 191 feature intersected Dry Wash city/vicinity Douglas **USGS** quadrangle Apache

district 84 **UTM reference** 12.671664.3501372

STRUCTURAL INFORMATION

main span length 22.0 superstructure concrete slab

structure length 176.0 substructure concrete abutments, wingwalls and piers roadway width 24.0 floor/decking concrete deck with asphalt overlay

structure width 27.0 **other features** AHD-standard concrete guardrails with slotted

cutouts

HISTORICAL INFORMATION

construction date1929designer/engineerArizona Highway Departmentproject numberFAP 38 (Reo.)builder/contractorVeater & Davis, El Paso TX

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) ca2000 alterations one guardrail replaced with Thrie beam

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 34 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typically configured example of AHD standard bridge

design, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Wash Bridge

PROPERTY IDENTIFICATION

county Cochise inventory number 00071 400.56 milepost inventory route SR 80 location 35.9 mi E Jct US 191 feature intersected Wet Wash city/vicinity Douglas **USGS** quadrangle Apache

district 84 **UTM reference** 12.677546.3508633

STRUCTURAL INFORMATION

structure length 30.0 substructure concrete abutments, wingwalls roadway width 24.0 floor/decking concrete deck with asphalt overlay

structure width 27.0 other features AHD-standard concrete guardrails with slotted

cutouts

HISTORICAL INFORMATION

construction date1929designer/engineerArizona Highway Departmentproject numberFAP 38 (Reo.)builder/contractorVeater & Davis, El Paso TX

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1985 alterations deck replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 42 NRHP eligibility non-eligible

NDUD oritorio A B C

NRHP criteria A _____ B ____ C ____

signif. statement well-preserved example of AHD standard bridge design

FORM COMPLETED BY

Clayton B. Fraser, Principal

Texas Canyon Bridge

PROPERTY IDENTIFICATION

county Cochise inventory number 00059 402.52 milepost inventory route SR 80 location 37.9 mi E Jct US 191 feature intersected Texas Canyon city/vicinity Douglas **USGS** quadrangle Apache

district **UTM** reference 12.674335.3503236

STRUCTURAL INFORMATION

main span number 5 main span type 101 appr. span number 0 appr. span type degree of skew guardrail type

concrete slab 22.0 superstructure main span length

structure length 110.0 substructure concrete abutments, wingwalls and piers roadway width 24.0 floor/decking concrete deck with asphalt overlay

AHD-standard concrete guardrails with slotted 27.0 structure width other features

cutouts

HISTORICAL INFORMATION

construction date designer/engineer 1929 Arizona Highway Department FAP 38 (Reo.) project number builder/contractor Veater & Davis, El Paso TX

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 41 NRHP eligibility non-eligible

> NRHP criteria C

signif. statement well-preserved example of AHD standard bridge design

FORM COMPLETED BY

Clayton B. Fraser, Principal

BRIDGE INVENTORY HISTORIC

Wash Bridge

PROPERTY IDENTIFICATION

county Cochise inventory number 00060 405.04 milepost inventory route SR 80 location 40.4 mi E Jct US 191 feature intersected Dry Wash city/vicinity Douglas **USGS** quadrangle Apache

district **UTM** reference 12.676448.3506688

STRUCTURAL INFORMATION

main span number 5 main span type 101 appr. span number 0 appr. span type degree of skew guardrail type

concrete slab 22.0 superstructure main span length

structure length 110.0 substructure concrete abutments, wingwalls and piers floor/decking roadway width 24.0 concrete deck with asphalt overlay

AHD-standard concrete guardrails with slotted 27.0 structure width other features

cutouts

HISTORICAL INFORMATION

construction date designer/engineer 1929 Arizona Highway Department FAP 38 (Reo.) project number builder/contractor Veater & Davis, El Paso TX

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"

National Register Multiple Property Documentation Form

inventory score 41 NRHP eligibility non-eligible

> NRHP criteria C

signif. statement well-preserved example of AHD standard bridge design

FORM COMPLETED BY

Clayton B. Fraser, Principal

Jack Wood Wash Bridge

PROPERTY IDENTIFICATION

 $\begin{array}{cccc} \textbf{county} & \textbf{Cochise} & \textbf{inventory number} & 00061 \\ \textbf{milepost} & 406.44 & \textbf{inventory route} & SR~80 \\ \end{array}$

location 41.8 mi E Jct US 191 feature intersected Jack Wood Wash

city/vicinity Douglas USGS quadrangle Apache

district 84 **UTM reference** 12.677546.3508620

STRUCTURAL INFORMATION

main span length 22.0 superstructure concrete slab

structure length154.0substructureconcrete abutments, wingwalls and piersroadway width24.0floor/deckingconcrete deck with asphalt overlay

structure width 27.0 other features AHD-standard concrete guardrails with slotted

cutouts

HISTORICAL INFORMATION

construction date 1929 designer/engineer Arizona Highway Department

project number FAP 38 (Reo.) builder/contractor Veater & Davis, El Paso TX

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 43 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement well-preserved example of AHD standard bridge design

FORM COMPLETED BY

Clayton B. Fraser, Principal

Two Weeks Wash Bridge

PROPERTY IDENTIFICATION

 $\begin{array}{cccc} \textbf{county} & \textbf{Cochise} & \textbf{inventory number} & 00062 \\ \textbf{milepost} & 409.68 & \textbf{inventory route} & SR~80 \\ \end{array}$

location45.0 mi E Jct US 191feature intersectedTwo Weeks Washcity/vicinityDouglasUSGS quadrangleSkull Canyondistrict84UTM reference12.680124.3513162

STRUCTURAL INFORMATION

main span length 22.0 superstructure concrete slab

structure length 110.0 substructure concrete abutments, wingwalls and piers roadway width 24.0 floor/decking concrete deck with asphalt overlay

structure width 27.0 other features AHD-standard concrete guardrails with slotted

cutouts

HISTORICAL INFORMATION

construction date1929designer/engineerArizona Highway Departmentproject numberFAP 38 (Reo.)builder/contractorVeater & Davis, El Paso TX

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) ca2000 alterations guardrails replaced with Thrie beams

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 31 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typically configured example of AHD standard bridge

design, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

BRIDGE INVENTORY HISTORIC

Horseshoe Canyon Bridge

PROPERTY IDENTIFICATION

county Cochise inventory number 00063 411.86 milepost inventory route SR 80

location 47.2 mi E Jct US 191 feature intersected Horseshoe Canyon

city/vicinity Douglas **USGS** quadrangle Rodeo

district **UTM** reference 12.682230.3516838

STRUCTURAL INFORMATION

main span number 3 main span type 101 appr. span number 0 appr. span type degree of skew guardrail type

concrete slab 20.0 superstructure main span length

structure length 60.0 substructure concrete abutments, wingwalls and piers roadway width 24.0 floor/decking concrete deck with asphalt overlay

AHD-standard concrete guardrails with slotted 27.0 structure width other features

cutouts

HISTORICAL INFORMATION

construction date designer/engineer 1929 Arizona Highway Department FAP 38 (Reo.)

project number builder/contractor Veater & Davis, El Paso TX

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

inventory score 39 NRHP eligibility non-eligible

> NRHP criteria C

signif. statement well-preserved example of AHD standard bridge design

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 04502 412.91 milepost inventory route SR 80 location 2.7 mi W New Mexico feature intersected Wash city/vicinity Douglas **USGS** quadrangle Rodeo

district 84 **UTM reference** 12.683050.3518260

STRUCTURAL INFORMATION

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 21.0 substructure concrete abutments, wingwalls and pier

roadway width76.0floor/deckingasphalt roadwaystructure width78.0other featuresnone

HISTORICAL INFORMATION

construction date1930designer/engineerArizona Highway Departmentproject numberFAP 38 (Reo.)builder/contractorVeater & Davis, El Paso TX

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1996 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 08 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Cochise inventory number 04503 413.80 milepost inventory route SR 80 location 1.6 mi W New Mexico feature intersected Wash city/vicinity Douglas **USGS** quadrangle Rodeo

district 84 **UTM reference** 12.683750.3519480

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert

structure length 21.0 substructure concrete abutments, wingwalls and pier roadway width 76.0 floor/decking asphalt roadway

structure width 78.0 other features none

HISTORICAL INFORMATION

construction date1930designer/engineerArizona Highway Departmentproject numberFAP 38 (Reo.)builder/contractorVeater & Davis, El Paso TX

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1996 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 08 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Santa Cruz River Bridge

PROPERTY IDENTIFICATION

countySanta Cruzinventory number00424milepost5.67inventory routeSR 82

 location
 04.5 mi E Jct B19
 feature intersected
 Santa Cruz River

 city/vicinity
 Beyerville
 USGS quadrangle
 Cumero Canyon

 district
 81
 UTM reference
 12.511970.3472542

STRUCTURAL INFORMATION

 main span length
 80.0
 superstructure
 steel I-beam stringer

structure length 375.0 substructure concrete abutments, wingwalls and piers

roadway width 26.0 floor/decking concrete deck

structure width 28.0 **other features** steel beam guardrails with concrete bulkheads

HISTORICAL INFORMATION

construction date 1955 designer/engineer Arizona Highway Department

project numberNFA 139(53)builder/contractorWestern Constructors Inc., Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1989alterationsThrie beams installed at approaches

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 16 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

city/vicinityBeyervilleUSGS quadrangleCumero Canyondistrict81UTM reference12.512320.3472964

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert structure length 37.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1954 designer/engineer Arizona Highway Department

project numberNF-139(53)builder/contractorWestern Constructors Inc., Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1989alterationsThrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 03 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Wash Bridge

PROPERTY IDENTIFICATION

 county
 Santa Cruz
 inventory number
 00491

 milepost
 6.62
 inventory route
 SR 82

 location
 05.4 mi E Jct B 19
 feature intersected
 3R Wash

 city/vicinity
 Beyerville
 USGS quadrangle
 Cumero G

city/vicinityBeyervilleUSGS quadrangleCumero Canyondistrict81UTM reference12.512304.3473527

STRUCTURAL INFORMATION

structure length 119.0 substructure concrete abutments, wingwalls and piers

roadway width 34.0 floor/decking concrete deck

structure width 38.0 other features concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date 1957 designer/engineer Arizona Highway Department

project number FI-01201(2) builder/contractor Tanner Brothers Construction Co., Phoenix AZ

information sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1989alterationsguardrails replaced with Jersey barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 15 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Cumero Canyon Bridge

PROPERTY IDENTIFICATION

countySanta Cruzinventory number00412milepost9.61inventory routeSR 82

 location
 8.4 mi E Jct B 19
 feature intersected
 Cumero Canyon

 city/vicinity
 Beyerville
 USGS quadrangle
 Cumero Canyon

 district
 81
 UTM reference
 12.514848.3477605

STRUCTURAL INFORMATION

structure length 112.0 substructure concrete abutments, wingwalls and piers

 ${\it roadway width} \qquad 28.0 \qquad \qquad {\it floor/decking} \qquad {\it concrete deck}$

structure width 32.0 **other features** concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

 construction date
 1954
 designer/engineer
 Arizona Highway Department

 project number
 NF-139(53)
 builder/contractor
 Western Constructors Inc., Pho

project number NF-139(53) builder/contractor Western Constructors Inc., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1989 alterations guardrails replaced with Jersey barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 17 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

city/vicinityBeyervilleUSGS quadrangleCumero Canyondistrict81UTM reference12.515944.3479960

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert structure length 24.0 substructure concrete abutments, wingwalls and pier

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1938 designer/engineer Arizona Highway Department

project number F-012-1(3) builder/contractor state work force

information source ADOT bridge records structure owner Arizona Department of Transportation
alteration date(s) 1958 ca1990 alterations barrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation For

NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

inventory score

Clayton B. Fraser, Principal

Sand Canyon Culvert

PROPERTY IDENTIFICATION

county Santa Cruz inventory number 04508 13.50 milepost inventory route SR 82 location 12.3 mi East of Jct B 19 feature intersected Sand Canyon city/vicinity Beyerville **USGS** quadrangle Cumero Canyon district **UTM** reference 12.517405.3483118

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete box culvert 10.0 superstructure main span length structure length 24.0 substructure concrete abutments, wingwalls and pier roadway width 0.0 floor/decking asphalt roadway steel Thrie beam guardrails 0.0 structure width other features

HISTORICAL INFORMATION

 construction date
 1938
 designer/engineer
 Arizona Highway Department

 project number
 F-012-1(3)
 builder/contractor
 state work force

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

 alteration date(s)
 1958
 ca1990
 alterations
 barrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 06 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Three R Canyon Culvert

PROPERTY IDENTIFICATION

countySanta Cruzinventory number04509milepost14.56inventory routeSR 82

 location
 13.4 mi East of Jct B 19
 feature intersected
 Three R Canyon

 city/vicinity
 Beyerville
 USGS quadrangle
 Cumero Canyon

 district
 81
 UTM reference
 12.517937.3484613

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert structure length 21.0 substructure concrete abutments, wingwalls and pier

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1938 designer/engineer Arizona Highway Department

project number F-012-1(3) builder/contractor state work force

information source ADOT bridge records structure owner Arizona Department of Transportation
alteration date(s) 1958 ca1990 alterations barrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 06 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

BRIDGE INVENTORY HISTORIC

Mary Kane Canyon Culvert

PROPERTY IDENTIFICATION

county Santa Cruz inventory number 04510 14.83 milepost inventory route SR 82

location 13.6 mi NE Jct B 19 feature intersected Mary Kane Canyon

city/vicinity Beyerville **USGS** quadrangle Patagonia

district **UTM** reference 12.518050.3484997

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type concrete box culvert 10.0 superstructure main span length

21.0 structure length substructure concrete abutments, wingwalls and pier

0.0 roadway width floor/decking asphalt roadway

steel Thrie beam guardrails 0.0 structure width other features

HISTORICAL INFORMATION

project number

construction date designer/engineer 1938 Arizona Highway Department NFA 139-A(1)

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1958 ca1990 barrels extended; Thrie beam guardrails installed

builder/contractor

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Flux Canyon Culvert

PROPERTY IDENTIFICATION

county Santa Cruz inventory number 04511 16.82 milepost inventory route SR 82 location 15.6 mi SW of Jct SR 83 feature intersected Flux Canyon city/vicinity Beyerville **USGS** quadrangle Patagonia

district 81 **UTM reference** 12.520389.3486770

STRUCTURAL INFORMATION

structure length 64.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 other features steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1959 designer/engineer Arizona Highway Department

project number F-012-1(4) builder/contractor Western Constructors Inc., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1995 alterations Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 01 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Stevens Canyon Culvert

PROPERTY IDENTIFICATION

county Santa Cruz inventory number 04512 21.77 milepost inventory route SR 82

location 10.6 mi SW Jct SR 83 feature intersected Stevens Canyon city/vicinity Patagonia **USGS** quadrangle Mount Hughes district **UTM** reference 12.525250.3491712

STRUCTURAL INFORMATION

main span number 3 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type

10.0 concrete box culvert superstructure main span length

structure length 37.0 substructure concrete abutments, wingwalls and piers

floor/decking roadway width 0.0 asphalt roadway

0.0 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1942 Arizona Highway Department NFA 139-C project number builder/contractor James S. Maffeo

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1962 barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible

inventory score 01

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Smith Canyon Culvert

PROPERTY IDENTIFICATION

county Santa Cruz inventory number 04513 23.22 milepost inventory route SR 82 location 9.2 mi SW of Jct SR 83 feature intersected Smith Canyon Patagonia **USGS** quadrangle

city/vicinity Mount Hughes district **UTM** reference 12.525778.3493960

STRUCTURAL INFORMATION

main span number 6 main span type 219 appr. span number 0 appr. span type 0 degree of skew guardrail type

concrete box culvert main span length 10.0 superstructure

structure length 64.0 substructure concrete abutments, wingwalls and piers 45.7 roadway width floor/decking asphalt roadway

47.7 none structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1942 Arizona Highway Department

NFA 139-C project number builder/contractor James S. Maffeo

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1962 barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score 04

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

countySanta Cruzinventory number04514milepost23.34inventory routeSR 82location9.1 mi SW of Jct SR 83feature intersectedWash

city/vicinityPatagoniaUSGS quadrangleMount Hughesdistrict81UTM reference12.525815.3494170

STRUCTURAL INFORMATION

structure length 21.0 substructure concrete abutments, wingwalls and pier

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 other features none

HISTORICAL INFORMATION

 construction date
 1962
 designer/engineer
 Arizona Highway Department

 project number
 F-012-1(7)
 builder/contractor
 Cyr & Evans Contracting Company

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

 alteration date(s)
 alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 06 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

countySanta Cruzinventory number04515milepost23.49inventory routeSR 82location8.9 mi SW of Jct SR 83feature intersectedWash

city/vicinityPatagoniaUSGS quadrangleMount Hughesdistrict81UTM reference12.525853.3494403

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert

structure length 21.0 substructure concrete abutments, wingwalls and pier

roadway width42.0floor/deckingasphalt roadwaystructure width44.0other featuresnone

HISTORICAL INFORMATION

construction date 1942 designer/engineer Arizona Highway Department

project number NFA 139-C builder/contractor James S. Maffeo

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1962 **alterations** barrels extended

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Wood Canyon Culvert

PROPERTY IDENTIFICATION

countySanta Cruzinventory number04516milepost26.04inventory routeSR 82

location6.4 mi SW of Jct SR 83feature intersectedWood Canyoncity/vicinitySonoitaUSGS quadrangleMount Hughesdistrict81UTM reference12.526636.3498490

STRUCTURAL INFORMATION

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 43.0 substructure concrete abutments, wingwalls and piers

roadway width 44.2 floor/decking asphalt roadway

structure width 46.0 other features none

HISTORICAL INFORMATION

construction date1942designer/engineerArizona Highway Departmentproject numberNFA 139-Cbuilder/contractorJames S. Maffeo

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1965 1985 alterations barrels extended; scour protection built

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 02 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Fort Canyon Wash Bridge

PROPERTY IDENTIFICATION

countySanta Cruzinventory number00946milepost29.41inventory routeSR 82

location 3.0 mi SW of Jct SR 83 feature intersected Fort Canyon Wash

city/vicinity Sonoita USGS quadrangle Sonoita

district 81 **UTM reference** 12.528645.3502593

STRUCTURAL INFORMATION

structure length35.0substructureconcrete abutments, wingwallsroadway width34.0floor/deckingconcrete deck with asphalt overlay

structure width 36.4 other features solid concrete guardrails with Thrie beams at

approaches

HISTORICAL INFORMATION

construction date1930cadesigner/engineerArizona Highway Departmentproject numberNFA 139-Dbuilder/contractor

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1945 1966 alterations deck widened and guardrails replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 17 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Cienega Creek Culvert

PROPERTY IDENTIFICATION

county Santa Cruz inventory number 04519 35.91 milepost inventory route SR 82 location 3.5 mi East of Jct SR 83 feature intersected Cienega Creek

city/vicinity Sonoita **USGS** quadrangle Sonoita

district 81 **UTM** reference 12.531340.3504300

STRUCTURAL INFORMATION

main span number 8 main span type 219 appr. span number 0 appr. span type 6 degree of skew guardrail type concrete box culvert 10.0 superstructure main span length

structure length 86.0 substructure concrete abutments, wingwalls and piers

roadway width 33.0 floor/decking asphalt roadway

steel Thrie beam guardrails 35.0 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1947 Arizona Highway Department

F-27(2) project number builder/contractor Western Constructors Inc., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) alterations 1995 Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Santa Cruz inventory number 04520 36.58 milepost inventory route SR 82 location 4.2 mi East of Jct SR 83 feature intersected Wash city/vicinity Sonoita **USGS** quadrangle Sonoita

district 81 **UTM reference** 12.532396.3504900

STRUCTURAL INFORMATION

main span length10.0superstructureconcrete box culvertstructure length21.0substructureconcrete abutments, wingwalls and pier

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1947 designer/engineer Arizona Highway Department

project numberF-27(2)builder/contractorWestern Constructors Inc., Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) 1995 alterations barrels extended; Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 02 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Santa Cruz inventory number 04521 36.89 milepost inventory route SR 82 location 4.5 mi E Jct SR 83 feature intersected Wash city/vicinity Sonoita **USGS** quadrangle Sonoita

district 81 **UTM reference** 12.532940.3504970

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert structure length 21.0 substructure concrete abutments, wingwalls and pier

roadway width 37.0 floor/decking asphalt roadway

structure width 39.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1947 designer/engineer Arizona Highway Department

project numberF-27(2)builder/contractorWestern Constructors Inc., Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1995alterationsThrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 02 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Dead Cow Wash Culvert

PROPERTY IDENTIFICATION

countySanta Cruzinventory number04522milepost37.53inventory routeSR 82

location 5.1 mi E Jct SR 83 feature intersected Dead Cow Wash

city/vicinity Sonoita USGS quadrangle Elgin

district 81 **UTM reference** 12.540138.3508227

STRUCTURAL INFORMATION

 $\begin{tabular}{lll} \textbf{main span length} & 10.0 & \textbf{superstructure} & concrete box culvert \\ \end{tabular}$

structure length 42.0 substructure concrete abutments, wingwalls and piers roadway width 30.7 floor/decking asphalt roadway

asplant rock way

structure width 36.6 other features steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1947 designer/engineer Arizona Highway Department

project numberF-27(2)builder/contractorWestern Constructors Inc., Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1995alterationsThrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 04 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

FRASERdesign 420 South County Road 23E Loveland, Colorado 80537

May 2009

BRIDGE INVENTORY HISTORIC

Culvert

PROPERTY IDENTIFICATION

county Santa Cruz inventory number 04523 40.63 milepost inventory route SR 82 location 8.2 mi E Jct SR 83 feature intersected Wash city/vicinity Sonoita **USGS** quadrangle Elgin

district 81 **UTM** reference 12.544787.3509918

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type degree of skew guardrail type concrete box culvert 10.0 superstructure main span length structure length 24.0 substructure concrete abutments, wingwalls and pier

roadway width 0.0 floor/decking asphalt roadway

steel Thrie beam guardrails 0.0 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1947 Arizona Highway Department

F-27(2) project number builder/contractor Western Constructors Inc., Phoenix AZ information source ADOT bridge records structure owner Arizona Department of Transportation alterations

alteration date(s) 1995 Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score 02

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

county Santa Cruz inventory number 04524 41.81 milepost inventory route SR 82 location 9.4 mi E Jct SR 83 feature intersected Wash city/vicinity Sonoita **USGS** quadrangle Elgin

district 81 **UTM reference** 12.546626.3509937

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert

structure length 21.0 **substructure** concrete abutments, wingwalls and pier

roadway width 0.0 floor/decking asphalt roadway

 $\begin{array}{ccc} \textbf{structure width} & 0.0 & \textbf{other features} & \text{steel Thrie beam guardrails} \\ \end{array}$

HISTORICAL INFORMATION

construction date 1947 designer/engineer Arizona Highway Department

project numberF-27(2)builder/contractorWestern Constructors Inc., Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1995alterationsThrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 02 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

city/vicinitySonoitaUSGS quadrangleMustang Mountainsdistrict81UTM reference12.547675.3509947

STRUCTURAL INFORMATION

structure length 42.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

 $\begin{array}{ccc} \textbf{structure width} & 0.0 & \textbf{other features} & \text{steel Thrie beam guardrails} \\ \end{array}$

HISTORICAL INFORMATION

construction date 1947 designer/engineer Arizona Highway Department

project numberF-27(2)builder/contractorWestern Constructors Inc., Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1995alterationsThrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 04 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

city/vicinitySonoitaUSGS quadrangleMustang Mountainsdistrict81UTM reference12.548594.3509940

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert structure length 42.0 substructure concrete abutments, wingwalls and piers

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1947 designer/engineer Arizona Highway Department

project numberF-27(2)builder/contractorWestern Constructors Inc., Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1995alterationsThrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 04 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

city/vicinitySonoitaUSGS quadrangleMustang Mountainsdistrict81UTM reference12.550453.3509084

STRUCTURAL INFORMATION

main span number 2 main span type 219 appr. span number 0 appr. span type degree of skew guardrail type concrete box culvert 10.0 superstructure main span length 21.0 structure length substructure concrete abutments, wingwalls and pier 0.0 roadway width floor/decking asphalt roadway

structure width 0.0 other features steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date1947designer/engineerArizona Highway Departmentproject numberF-27(2)builder/contractorWestern Constructors Inc., Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportationalteration date(s)1995alterationsThrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 02 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Rain Valley Wash Bridge

PROPERTY IDENTIFICATION

 $\begin{array}{cccc} \textbf{county} & \textbf{Cochise} & \textbf{inventory number} & 00395 \\ \textbf{milepost} & 46.94 & \textbf{inventory route} & SR~82 \\ \end{array}$

 location
 4.6 mi W Jct SR 90
 feature intersected
 Rain Valley Wash

 city/vicinity
 Sonoita
 USGS quadrangle
 Mustang Mountains

 district
 81
 UTM reference
 12.554280.3507236

STRUCTURAL INFORMATION

main span length 25.0 superstructure concrete slab

structure length 119.0 substructure concrete abutments, wingwalls and piers

roadway width 28.6 floor/decking concrete deck

structure width 31.8 other features concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date 1953 designer/engineer Arizona Highway Department project number NF-49(53)A builder/contractor Ashton Building Company Inc

project number NF-49(53)A builder/contractor Ashton Building Company Inc., Tucson AZ information source ADOT bridge records alteration date(s) 1982 alterations Ashton Building Company Inc., Tucson AZ Arizona Department of Transportation guardrails replaced with Jersey barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 15 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

 county
 Cochise
 inventory number
 04528

 milepost
 49.98
 inventory route
 SR 82

 location
 1.6 mi W Jct SR 90
 feature intersected
 Wash

city/vicinitySonoitaUSGS quadrangleMustang Mountainsdistrict81UTM reference12.559127.3506490

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert

structure length 21.0 substructure concrete abutments, wingwalls and pier roadway width 31.5 floor/decking asphalt roadway

structure width 33.0 other features none

HISTORICAL INFORMATION

construction date1943designer/engineerArizona Highway Departmentproject numberFAP 49-Bbuilder/contractor

 project number
 FAP 49-B
 builder/contractor

 information source
 ADOT bridge records
 structure owner
 Arizona Department of Transportation

alteration date(s) alterations

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 06 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type

FORM COMPLETED BY

Clayton B. Fraser, Principal

Fairbank Bridge

PROPERTY	IDENTIFICATION	

 $\begin{array}{cccc} \textbf{county} & \textbf{Cochise} & \textbf{inventory number} & 00403 \\ \textbf{milepost} & 61.20 & \textbf{inventory route} & SR~82 \\ \end{array}$

location9.7 mi East of Jct SR 90feature intersectedSan Pedro Rivercity/vicinityFairbankUSGS quadrangleFairbank

district 84 **UTM reference** 12.576374.3510044

STRUCTURAL INFORMATION

main span length65.0superstructuresteel I-beam stringer

structure length 354.0 substructure concrete abutments, wingwalls and piers

roadway width 26.2 floor/decking concrete deck

structure width 29.2 other features concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date 1913 designer/engineer Arizona Highway Department

project number builder/contractor

information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1928 1953 ca1990 alterations two spans added, 1928; superstructure replaced,

1953; guardrails replaced

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 35 NRHP eligibility non-eligible

NRHP criteria A _____ B ____ C ____

signif. statement latter-day replacement of once-historic structure

FORM COMPLETED BY

Clayton B. Fraser, Principal

Fairbank Overpass

PROPERTY IDENTIFICATION

 $\begin{array}{cccc} \textbf{county} & \textbf{Cochise} & \textbf{inventory number} & 00189 \\ \textbf{milepost} & 61.47 & \textbf{inventory route} & SR~82 \\ \end{array}$

location 9.9 mi E Jct SR 90 feature intersected Southern Pacific Railroad

city/vicinity Fairbank USGS quadrangle Fairbank

district 84 **UTM reference** 12.576732.3509895

STRUCTURAL INFORMATION

main span length 41.0 superstructure steel I-beam stringer

structure length 127.0 substructure concrete abutments, wingwalls and piers

roadway width 26.0 floor/decking concrete deck

structure width 28.8 other features concrete Jersey barrier guardrails with Thrie beams

at approaches

HISTORICAL INFORMATION

construction date 1936 designer/engineer Arizona Highway Department

project numberWPGS 49-Abuilder/contractorTanner Construction Company, Phoenix AZinformation sourceADOT bridge recordsstructure ownerArizona Department of Transportation

alteration date(s) ca1990 alterations guardrails replaced with Jersey barriers

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

National Register Multiple Property Documentation Form

inventory score 34 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement undistinguished example of common structural type, altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Greaterville Gulch Culvert

PROPERTY IDENTIFICATION

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert structure length 32.0 substructure concrete abutments, wingwalls and piers

roadway width 39.0 floor/decking asphalt roadway

structure width 41.6 **other features** steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1959 designer/engineer Arizona Highway Department

project number DS-249(4) builder/contractor information source ADOT bridge records structure owner Arizona

information source ADOT bridge records structure owner Arizona Department of Transportation alteration date(s) 1989 alterations Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Empire Gulch Culvert

PROPERTY IDENTIFICATION

county Pima inventory number 04531 40.62 milepost inventory route SR 83 location 8.2 mi N Jct SR 82 feature intersected

Empire Gulch city/vicinity Sonoita **USGS** quadrangle Empire Ranch district 81 **UTM** reference 12.529197.3516070

STRUCTURAL INFORMATION

main span number 5 main span type 219 appr. span number 0 appr. span type 0 degree of skew 45 guardrail type

10.0 concrete box culvert superstructure main span length

structure length 76.0 substructure concrete abutments, wingwalls and piers roadway width 0.0 floor/decking asphalt roadway

steel Thrie beam guardrails 0.0 structure width other features

HISTORICAL INFORMATION

construction date designer/engineer 1959 Arizona Highway Department

DS-249(4) project number builder/contractor information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) alterations 1989 Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964" **National Register Multiple Property Documentation Form**

NRHP eligibility non-eligible inventory score

NRHP criteria

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal

Culvert

PROPERTY IDENTIFICATION

city/vicinitySonoitaUSGS quadrangleEmpire Ranchdistrict81UTM reference12.528404.3517383

STRUCTURAL INFORMATION

main span length 10.0 superstructure concrete box culvert structure length 24.0 substructure concrete abutments, wingwalls and pier

roadway width 0.0 floor/decking asphalt roadway

structure width 0.0 other features steel Thrie beam guardrails

HISTORICAL INFORMATION

construction date 1959 designer/engineer Arizona Highway Department

project number DS-249(4) builder/contractor information source ADOT bridge records structure owner Arizona Department of Transportation

alteration date(s) 1989 alterations Thrie beam guardrails installed

NATIONAL REGISTER EVALUATION

For additional information, see "Vehicular Bridges in Arizona 1880-1964"
National Register Multiple Property Documentation Form

inventory score 00 NRHP eligibility non-eligible

NRHP criteria A B C

signif. statement typical, relatively late example of common structural type,

altered

FORM COMPLETED BY

Clayton B. Fraser, Principal