STATE OF ARIZONA
DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION

SCHEMATIC PLAN

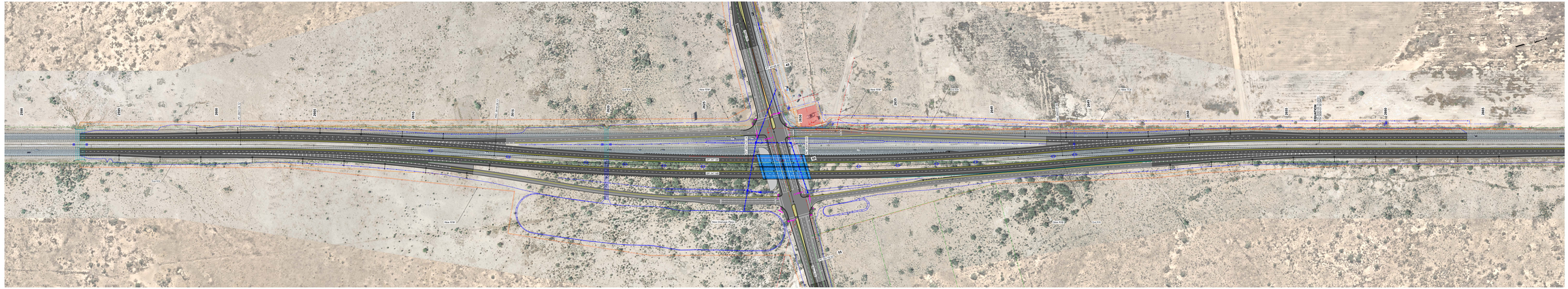
STATE HIGHWAY
MARICOPA ROAD
SR 347

KEY MAP
NOT TO SCALE

SR 347
RIGGS ROAD TI
PROJECT NO. 347 MA 184 F0476 01L

LEGEND

- PCCP Pavement
- AC Pavement
- Concrete Sidewalk
- Concrete Slope Paving
- Proposed Bridge
- Raised Median
- GRICUA Substation
- Remove Existing Pavement
- Existing Right-of-Way
- New Right-of-Way
- New Access Control
- Proposed Retaining Wall
- Fill Limits
- Cut Limits
- TCE



STATE OF ARIZONA
DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION

SCHEMATIC PLAN

STATE HIGHWAY
MARICOPA ROAD
SR 347

N
T2S R4E

KEY MAP
NOT TO SCALE

RIGGS ROAD TI AT SR 347
PROJECT NO. 347 MA 184 F0476 01L

MIDPOINT OF PROJECT

Central Zone
State Plane Coordinates
X=875,100
Y=802,400

DESIGN DATA

2022 AADT = 53,343
2050 AADT = 77,163

Design Speed

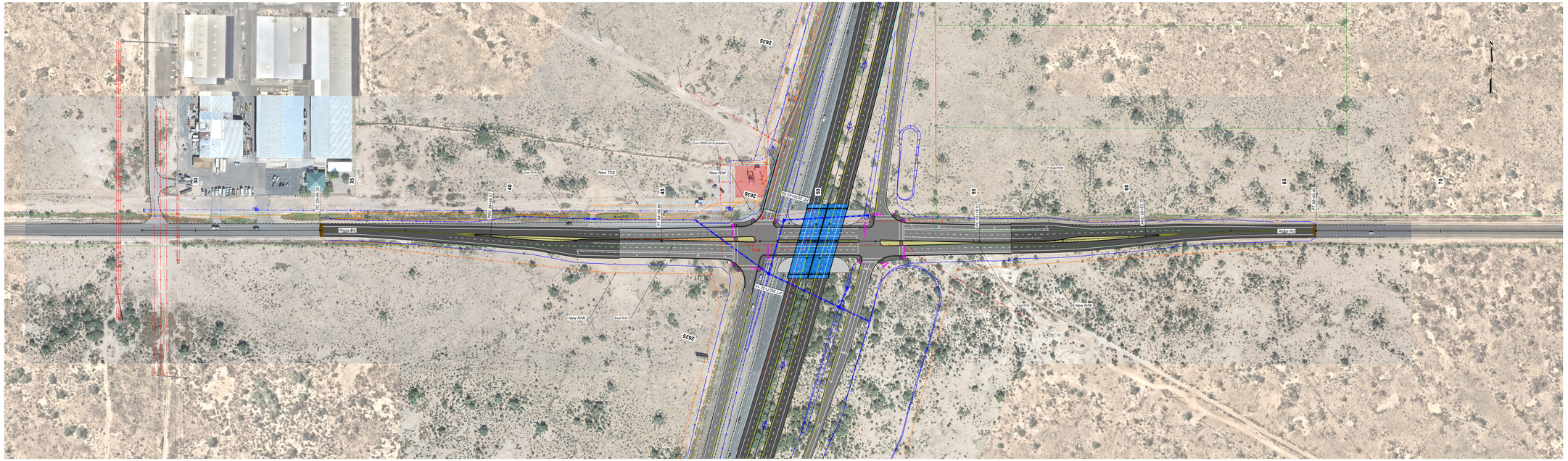
SR 347	
Riggs Rd	
Outside Project Limits	*= 55 MPH*
Within Project Limits	*= 45 MPH*
Ramps	
Body	*= 50 MPH*
Entrance at Gore	*= 60 MPH*
Exit at Gore	*= 55 MPH*
Crossroad Terminal	*= 35 MPH*

LENGTH OF PROJECT

SR 347 Cst CL			
Sta 2593+00.00	*to Sta 2627+91.23*	*= 3,491.23'*	
Sta 2627+91.23	*to Sta 2630+39.43*	*= 248.20'*	*(Bridge Exception)*
Sta 2630+39.43	*to Sta 2656+51.59 Ahd*	*= 2,612.16'*	
Sta 2656+44.75 Ahd	*to Sta 2670+88.86*	*= 1,444.11'*	
	Gross Length	*= 7,795.70' - 1.48 Miles*	
	Net Length	*= 7,547.50' - 1.43 Miles*	
	Mile Post 184.60 to 186.08		
Riggs Rd Cst CL			
Sta 33+99.34	*to Sta 66+00.40*	*= 3,201.06'*	
	Gross & Net Length	*= 3,201.06' - 0.61 Miles*	

LEGEND

PCCP Pavement	*Existing Right-of-Way*
AC Pavement	*New Right-of-Way*
Concrete Sidewalk	*New Access Control*
Concrete Slope Paving	*Proposed Retaining Wall*
Proposed Bridge	*Fill Limits*
Raised Median	*Cut Limits*
GRICUA Substation	*TCE*



PREPARED: DCR Review NOT FOR CONSTRUCTION OR RECORDING			
DESIGN: DCR	REVIEW:	CHECKED:	DATE:
Kimley»Horn	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION PROJECT MANAGEMENT GROUP	APPENDIX C RIGGS RD PLAN	
F.H.W.A. Arizona Division	STATE: ARIZ	PROJECT NO.: 347 MA 184	FEDERAL ID NO.: MPA
	SHEET NO.: 2	TOTAL SHEETS: 2	RECORD DRAWING
LOCATION: RIGGS ROAD TI AT SR 347	SHEET ____ OF ____		
TRACS NO.: F0476 01L	ADOT		

9:53:52 AM 9/10/2024 Edgar Flores K:\PHX_Roadway\Workspace\DOT_CONNECT_PROJECTS_C-10_[347-MAS-F0476-01R_347_Riggs_Rd_Ti\dgn\Roadway\Roll Plots\Alternative01\F0476_roll&pl_diamond_shift_Riggs.dgn

STATE OF ARIZONA
DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION

SCHEMATIC PLAN

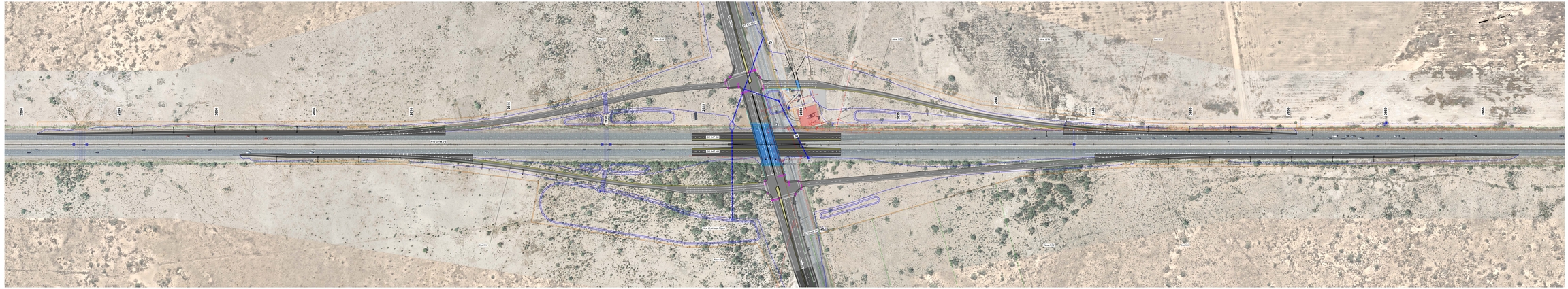
STATE HIGHWAY
MARICOPA ROAD
SR 347

KEY MAP
NOT TO SCALE

SR 347
RIGGS ROAD TI
PROJECT NO. 347 MA 184 F0476 01L

LEGEND

PCCP Pavement	Existing Right-of-Way
AC Pavement	New Right-of-Way
Concrete Sidewalk	New Access Control
Concrete Slope Paving	Proposed Retaining Wall
Proposed Bridge	Fill Limits
Raised Median	Cut Limits
GRICUA Substation	TCE
Remove Existing Pavement	



STATE OF ARIZONA
DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION

SCHEMATIC PLAN

STATE HIGHWAY
MARICOPA ROAD
SR 347

N
T2S R4E

KEY MAP
NOT TO SCALE

RIGGS ROAD TI AT SR 347

PROJECT NO. 347 MA 184 F0476 01L

MIDPOINT OF PROJECT

Central Zone
State Plane Coordinates
X=875,100
Y=907,400

DESIGN DATA

2022 AADT = 53,343
2050 AADT = 77,163

Design Speed

SR 347: = *70 MPH*
Riggs Rd:
Outside Project Limits = *55 MPH*
Within Project Limits = *45 MPH*
Ramps:
Body = *50 MPH*
Entrance at Gore = *60 MPH*
Exit at Gore = *55 MPH*
Crossroad Terminal = *35 MPH*

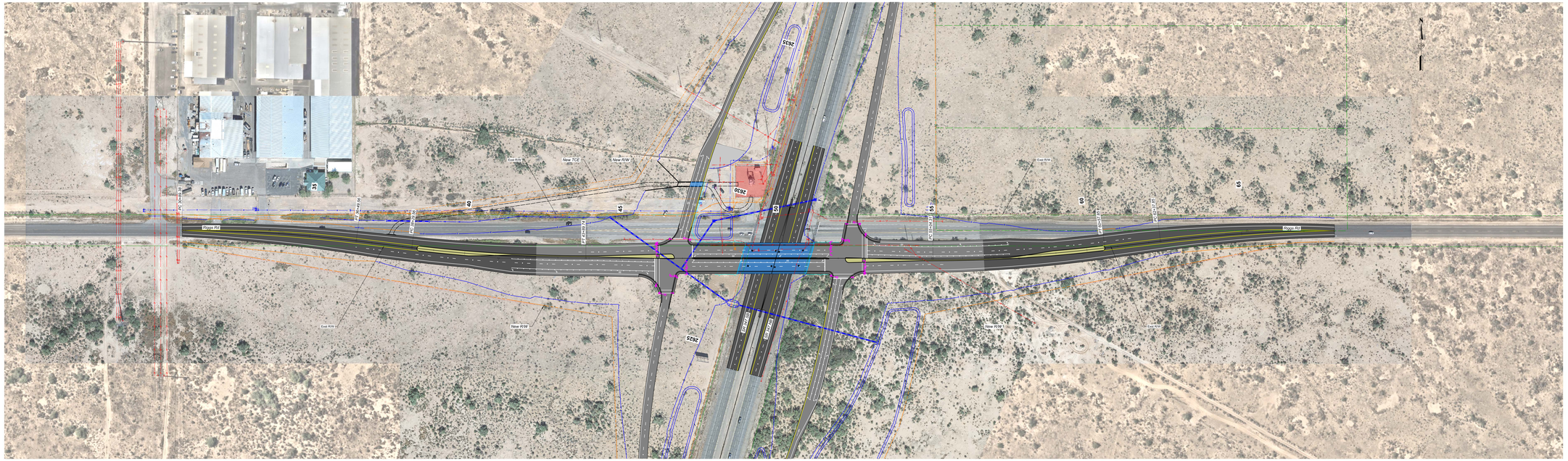
LENGTH OF PROJECT

SR 347 Cst CL
Sta 2593+00.00 to Sta 2627+91.23 = 3,491.23'
Sta 2627+91.23 to Sta 2629+03.39 = 112.16' (Bridge Exception)
Sta 2630+39.43 to Sta 2656+51.59 Bk = 2,612.16'
Sta 2656+44.75 Ahd to Sta 2670+86.86 = 1,444.11'
Gross Length = 7,795.70' - 1.48 Miles
Net Length = 7,547.50' - 1.43 Miles
Mile Post 184.60 to 186.08

Riggs Rd Cst CL
Sta 33+99.34 to Sta 66+00.40 = 3,201.06'
Gross & Net Length = 3,201.06' - 0.61 Miles

LEGEND

PCCP Pavement	*Existing Right-of-Way*
AC Pavement	*New Right-of-Way*
Concrete Sidewalk	*New Access Control*
Concrete Slope Paving	*Proposed Retaining Wall*
Proposed Bridge	*Fill Limits*
Raised Median	*Cut Limits*
GRPC/UA Substation	*TCE*



PROJ:
DCR
Review
NOT FOR
CONSTRUCTION
OR RECORDING

PROJ: DCR	DESIGN	NAME	DATE	ARIZONA DEPARTMENT OF TRANSPORTATION	
Review	DRAWN	NAME	DATE	INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION	
NOT FOR	CHECKED	NAME	DATE	PROJECT MANAGEMENT GROUP	
CONSTRUCTION				APPENDIX C	
OR RECORDING	Kimley»Horn			SPREAD DIAMOND INTERCHANGE	
				RIGGS RD PLAN	

		STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
		ARIZ	347 MA 184	MPA	4	8	
F.H.W.A. Arizona Division		RIGGS ROAD TI AT SR 347					
		TRACS NO. F0476 01L			ADOT	SHEET ___ OF ___	

9:53:26 AM 9/10/2024 Edgar Flores K:\PHX_Roadway\Workspace\DCP_CONNECT_PROJECTS_C-10_[347\0000-F0476-01R_347_Riggs_Rd_TI\sgr\Roadway\SUP\Rdwy\Alternative01\SR_Alt&alt_diamond_spread_Riggs.dgn