

**Final Design Concept Report  
(Volume 3 of 3, Appendix H)**

**PIMA FREEWAY (SR 101L), INTERSTATE 17 (I-17) TO PRINCESS DRIVE  
GENERAL-PURPOSE LANES**

**ADOT CONTRACT NO. 2005-026  
PROJECT NO. 101L MA 23.4 H8297 01L  
FEDERAL AID NO. NH-101-B(BEM)**

**Prepared For:**

**Arizona Department of Transportation**

**Prepared By:**

**AECOM**

7720 N. 16<sup>th</sup> Street, Suite 100  
Phoenix, Arizona 85020

**APRIL 2016**



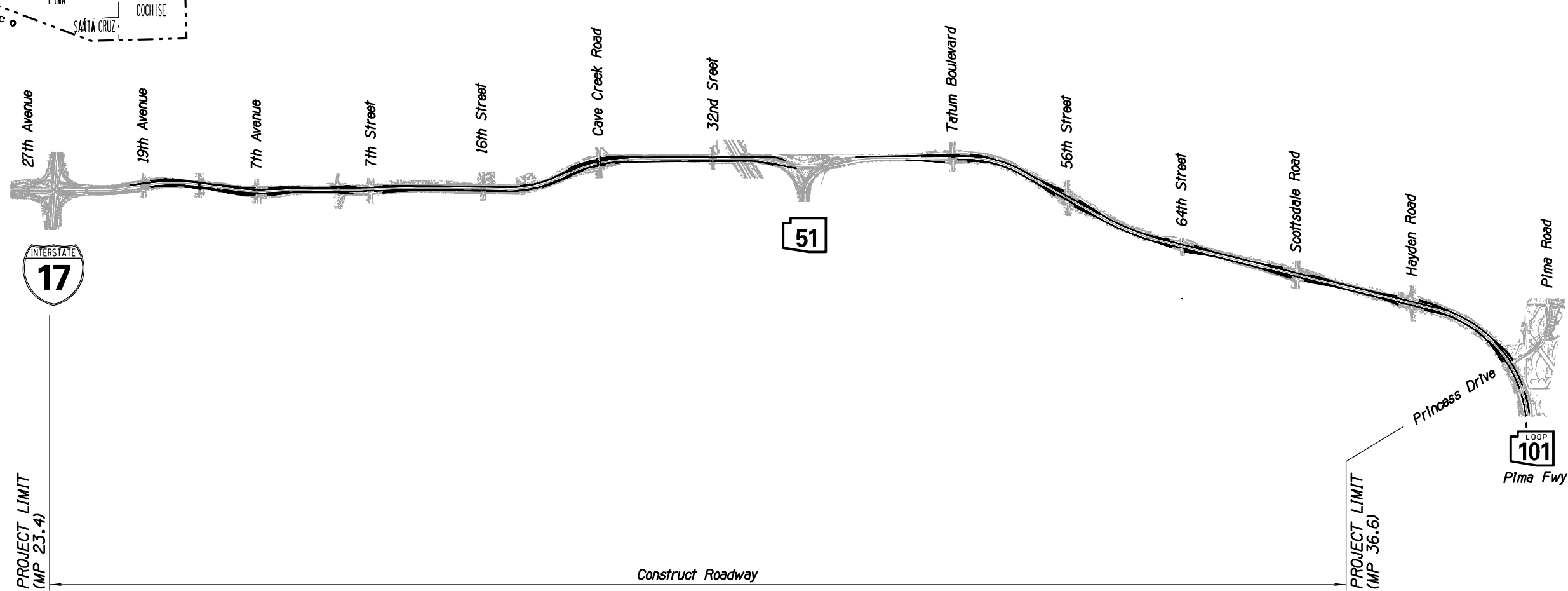
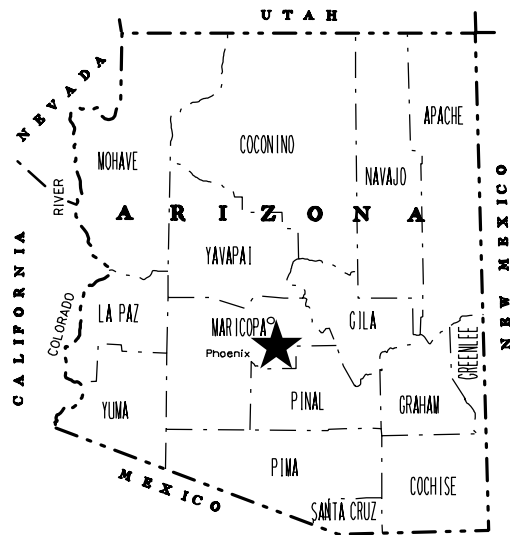
**APPENDIX H**  
**PREFERRED ALTERNATIVE PLANS**



STATE OF ARIZONA  
 DEPARTMENT OF TRANSPORTATION  
 INTERMODAL TRANSPORTATION DIVISION  
 PROJECT PLANS



STATE HIGHWAY  
 SR 101L, PIMA FREEWAY



**APPENDIX H  
 FINAL DCR  
 PREFERRED ALTERNATIVE**

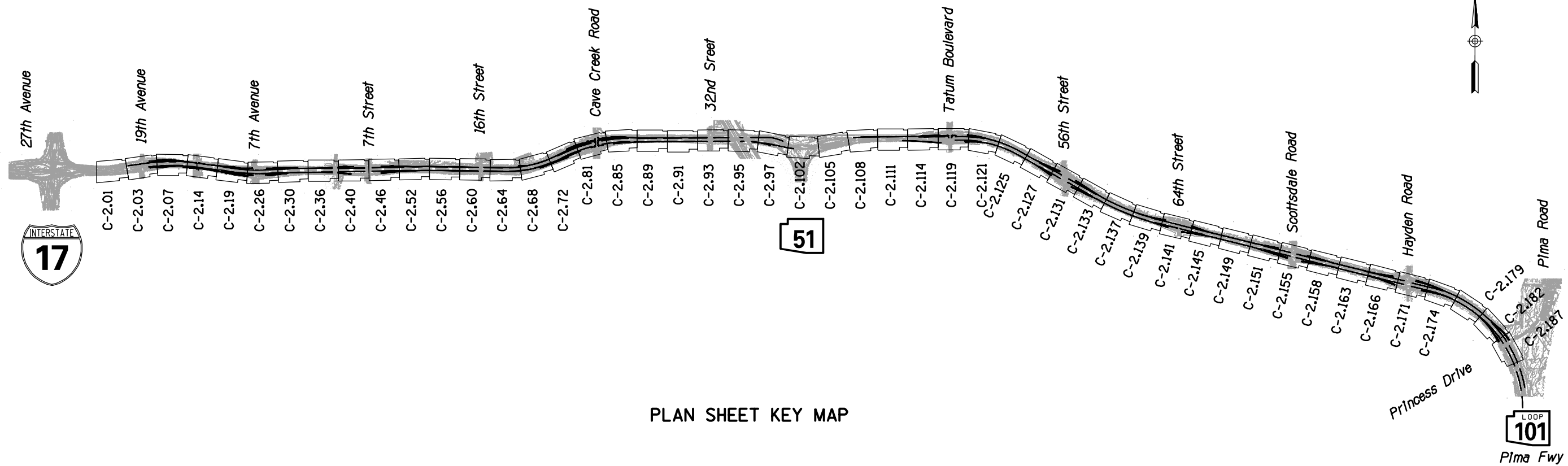
**ADOT CONTRACT NO. 2005-026  
 I-17 - PRINCESS DRIVE  
 101L MA 23 H8297 01L**

ARIZONA DEPARTMENT OF TRANSPORTATION  
 INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS  
 DALLAS HAMMIT, P.E., STATE ENGINEER

REC. DWGS. DATA	REC. DWG. DATE	OF
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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



PLAN SHEET KEY MAP

INDEX OF SHEETS

SHEET NO.	DWG NO.	SHEET TYPE
		GENERAL
1		Face Sheet
2	G-1.01	Index and Key Map
3 - 24	G-3.01 - G-3.22	Typical Sections
		CIVIL
25 - 41	C-1.01 - C-1.18	Geometric Data Sheets
42 - 230	C-2.01 - C-2.189	SR101L Plan and Profile Sheets
		TRAFFIC
231 - 279	T-1.01 - T-1.49	Pavement Marking and Signing Sheets
280 - 328	T-2.01 - T-2.49	Lighting and FMS Sheets

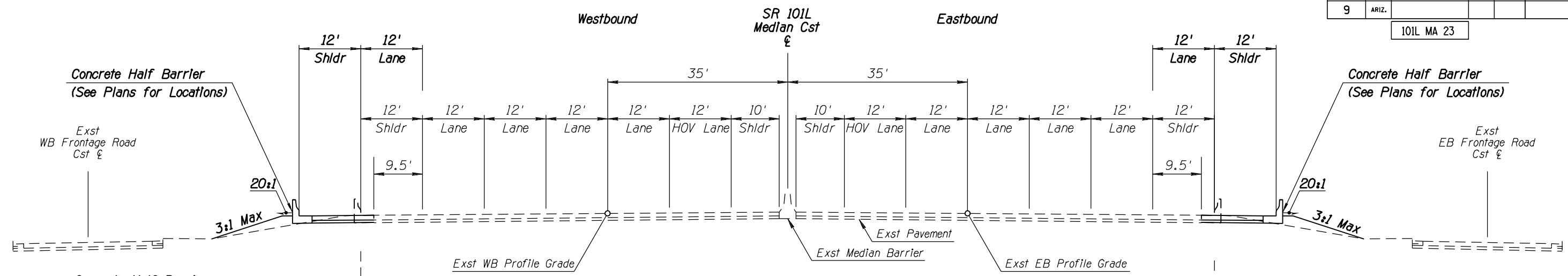
APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION				INDEX OF DRAWINGS	NOT FOR CONSTRUCTION OR RECORDING
AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700					
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		DWG NO. G-1.01
TRACS NO. H8297 01L					OF

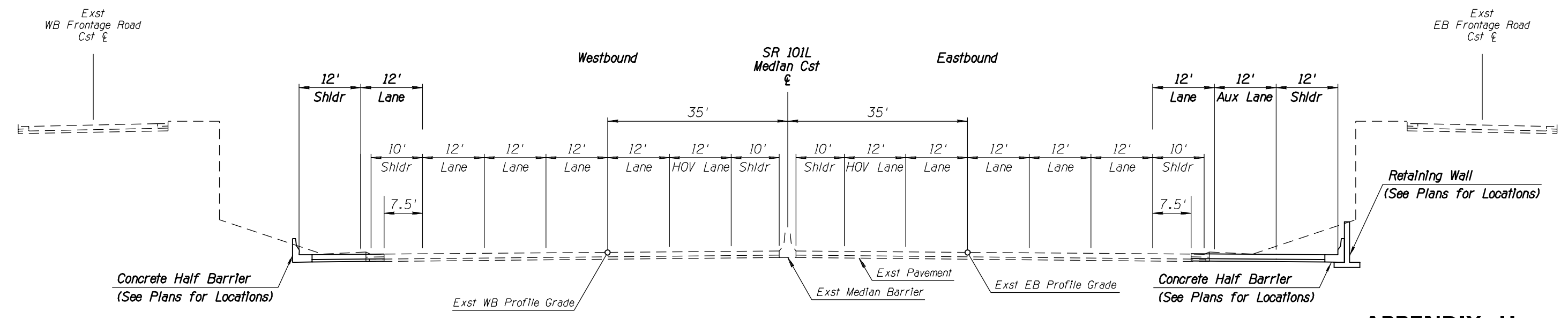
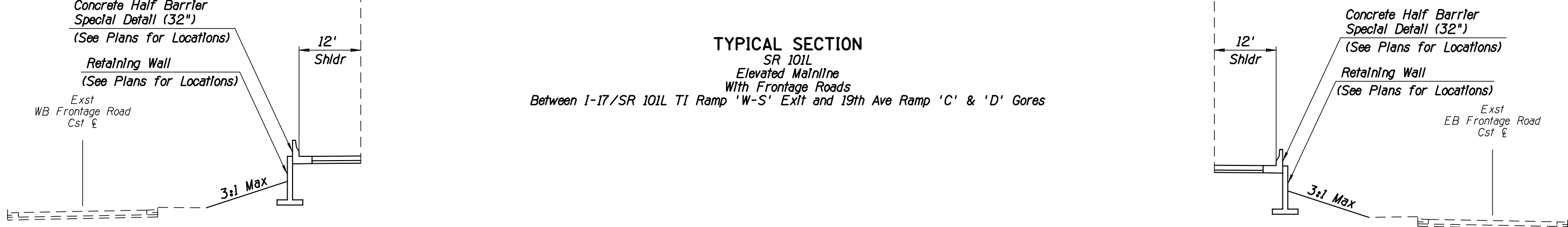
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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



**TYPICAL SECTION**  
 SR 101L  
 Elevated Mainline  
 With Frontage Roads  
 Between I-17/SR 101L TI Ramp 'W-S' Exit and 19th Ave Ramp 'C' & 'D' Gores



**TYPICAL SECTION**  
 SR 101L  
 Depressed Mainline  
 With Frontage Roads  
 No Frontage Road Reconstruction  
 Between 19th Ave Ramp 'C' & 'D' Gores and 7th Ave Ramp 'A' & 'B' Gores

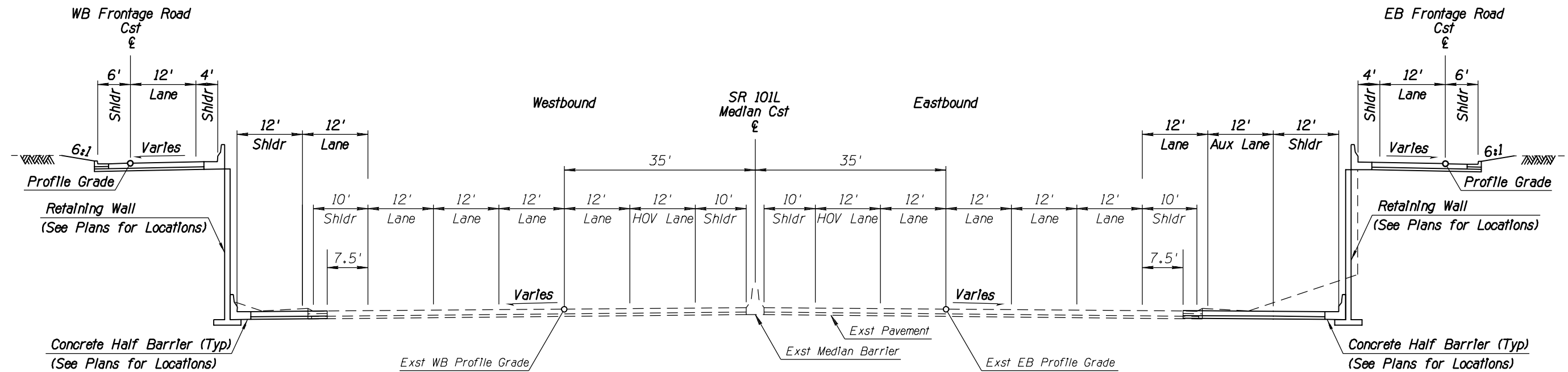
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DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION				<b>AECOM</b>	DESIGN SHEET SR 101L TYPICAL MAINLINE SECTIONS
AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700					
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		NOT FOR CONSTRUCTION OR RECORDING
TRACS NO. H8297 01L					DWG NO. G-3.01
					OF

DATE: \_\_\_\_\_  
 REVISIONS: \_\_\_\_\_  
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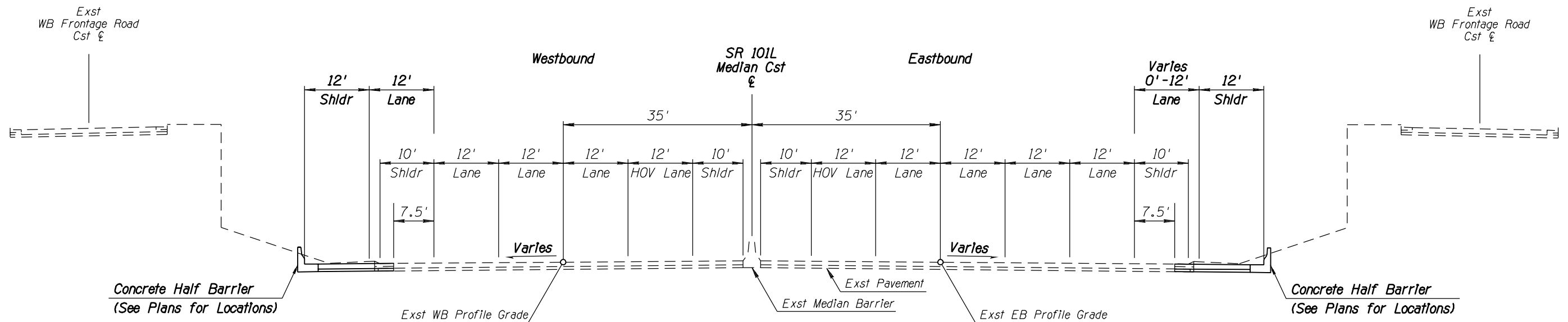
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



**TYPICAL SECTION**

SR 101L  
Depressed Mainline  
With Frontage Roads  
Between 19th Ave Ramp 'C' & 'D' Gores and 7th Ave Ramp 'A' & 'B' Gores  
Frontage Road Reconstruction



**TYPICAL SECTION**

SR 101L  
Depressed Mainline  
With Frontage Roads  
Between 7th Ave Ramp 'A' & 'B' Gores and 7th Ave Ramp 'C' & 'D' Gores  
No Frontage Road Reconstruction

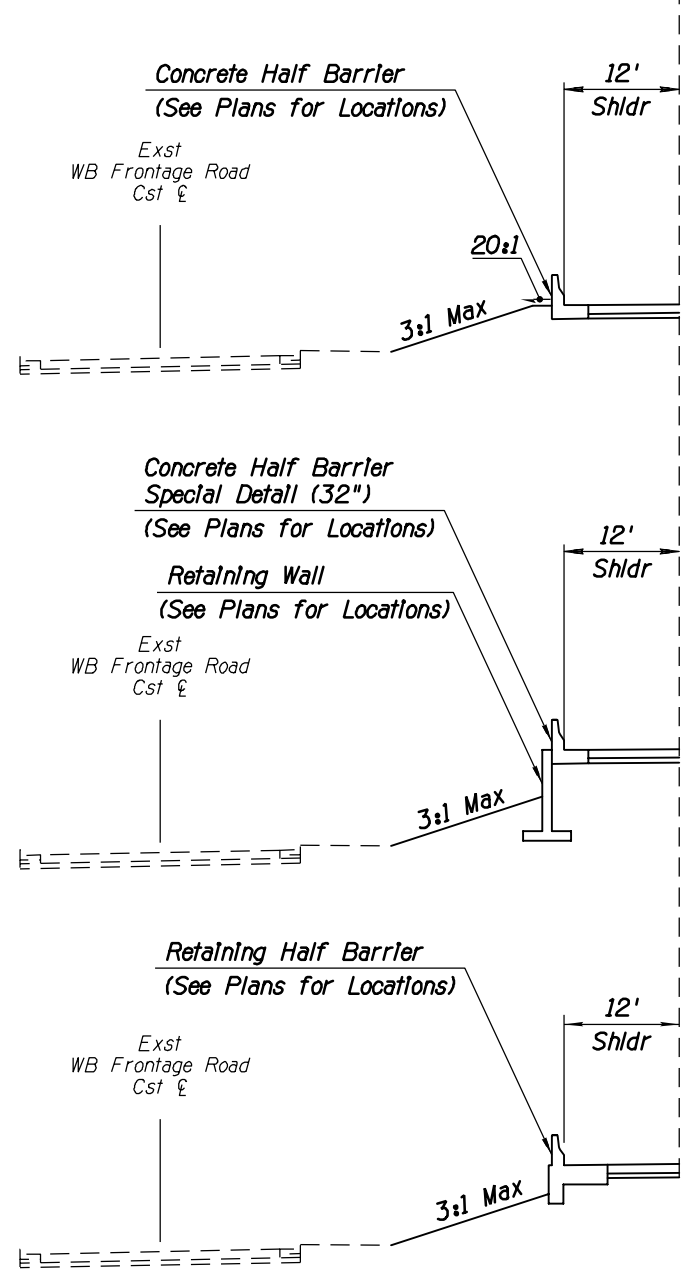
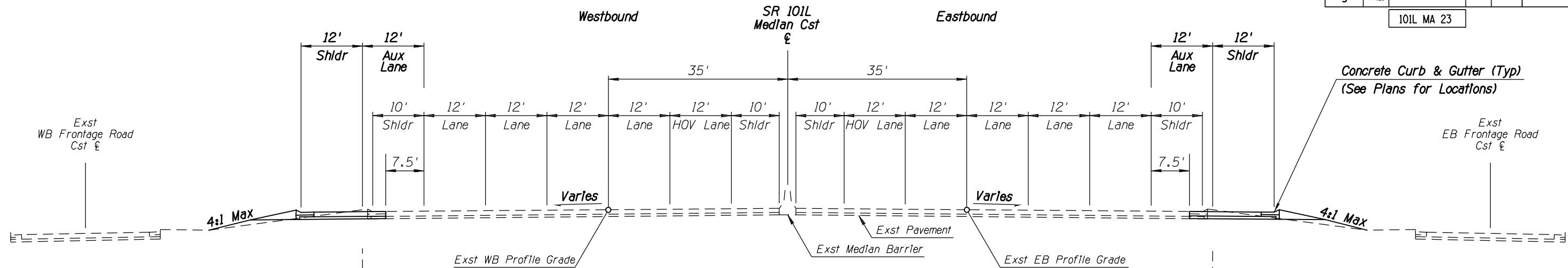
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DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2555 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 <b>AECOM</b>				<b>DESIGN SHEET</b> <b>SR 101L</b> <b>TYPICAL MAINLINE SECTIONS</b>	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		DWG NO. G-3.02
TRACS NO. H8297 01L				NOT FOR CONSTRUCTION OR RECORDING	
				OF	

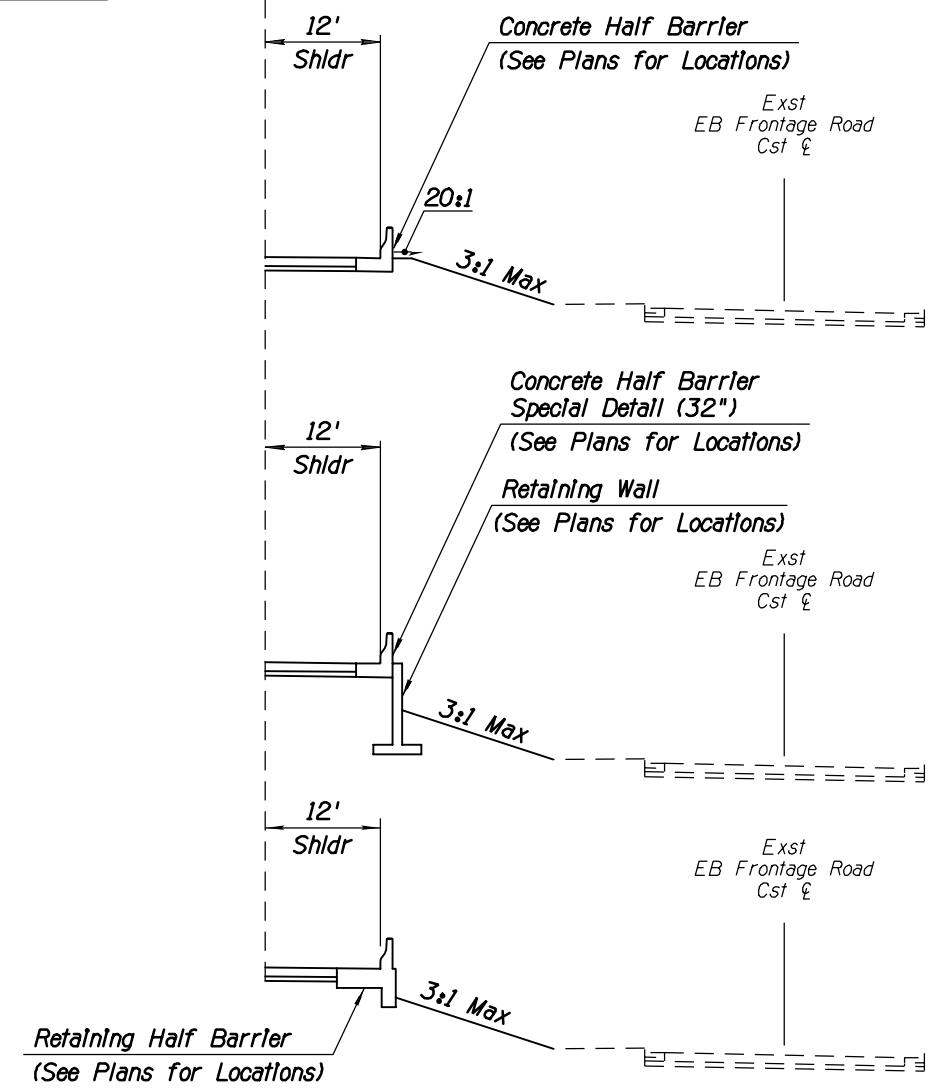
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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



**TYPICAL SECTION**  
 SR 101L  
 Depressed Mainline  
 With Frontage Roads  
 Between 7th Ave Ramp 'C' & 'D' Gores and Station 1389+10.00



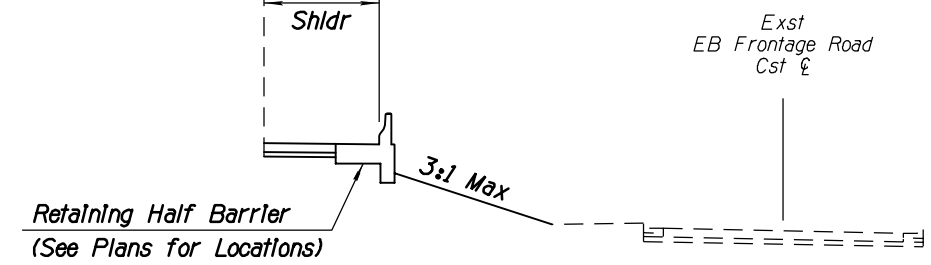
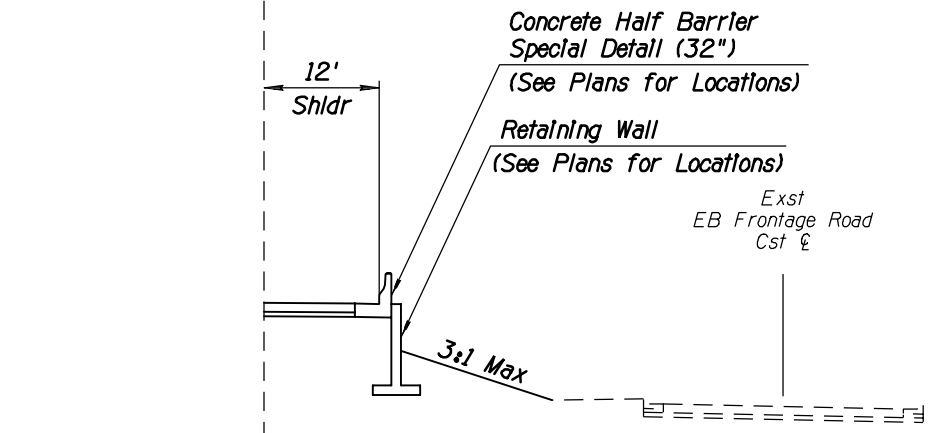
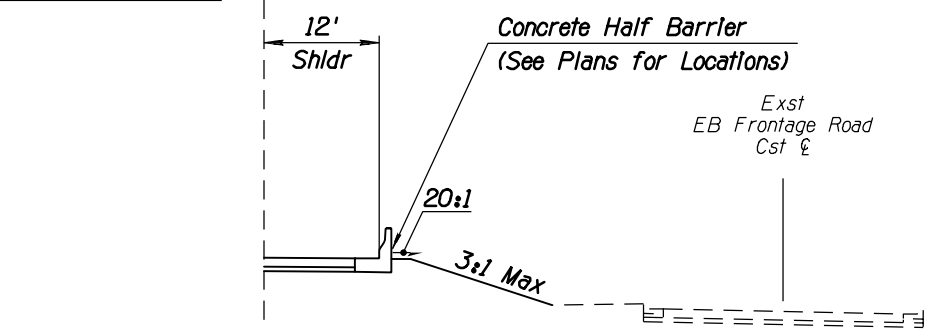
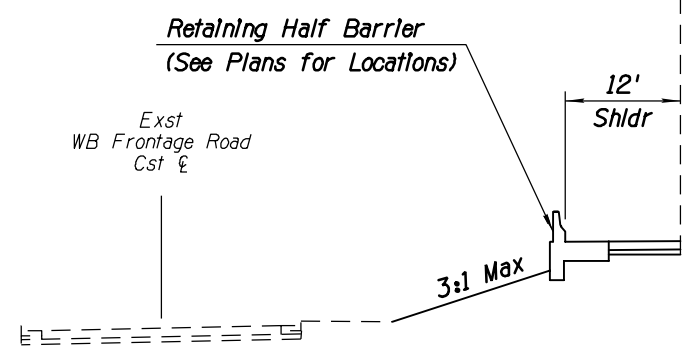
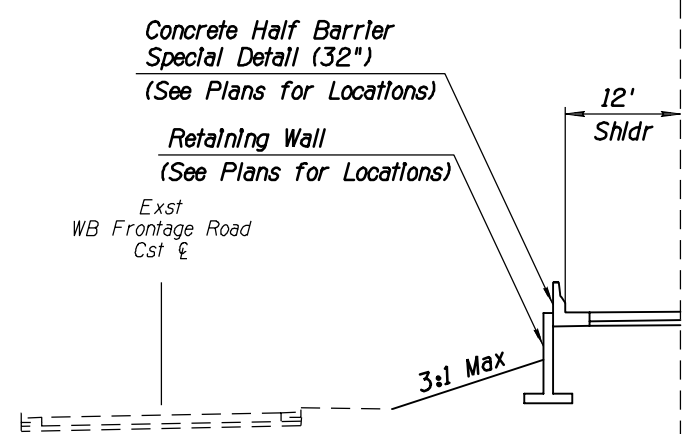
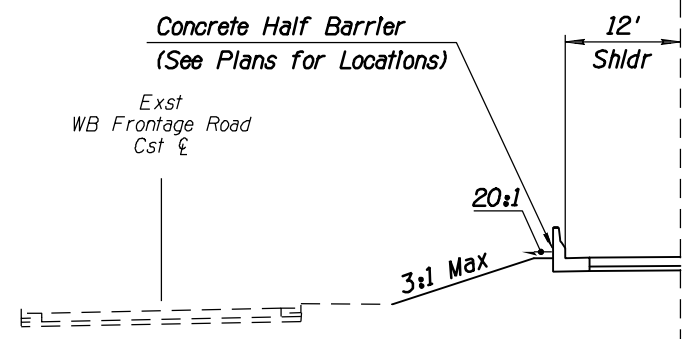
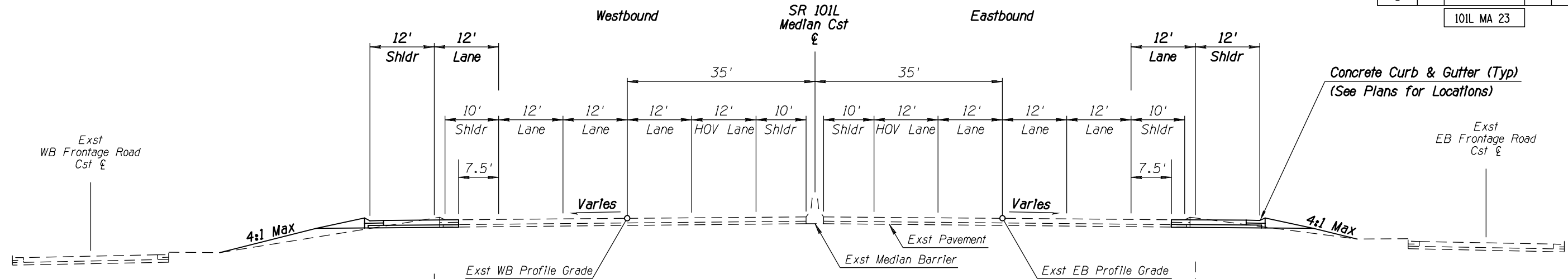
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DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2550 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com				<b>DESIGN SHEET</b> <b>SR 101L</b> <b>TYPICAL MAINLINE SECTIONS</b>	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L				DWG NO. G-3.03	NOT FOR CONSTRUCTION OR RECORDING
				OF	

REVISIONS- FINISHED PLANS- SURVEY NO. DATE- LOCATION- REVISIONS- FINISHED PLANS- SURVEY NO. DATE- LOCATION- REVISIONS- FINISHED PLANS- SURVEY NO.

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



**TYPICAL SECTION**

SR 101L Elevated Mainline With Frontage Roads  
Between Station 1405+25.00 and 7th St Ramp 'C' & 'D' Gores  
Between Cave Creek Rd Ramp 'A' & 'B' Gores and Cave Creek Rd

**APPENDIX H**

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
<small>AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd, Suite 200 Phoenix, Arizona 85016 T 602.337.2700</small>				<b>DESIGN SHEET</b> <b>SR 101L</b> <b>TYPICAL MAINLINE SECTIONS</b>	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L				DWG NO. G-3.04	NOT FOR CONSTRUCTION OR RECORDING
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DATE: \_\_\_\_\_

LOCATION: \_\_\_\_\_

REVISIONS: \_\_\_\_\_

FINISHED PLANS: \_\_\_\_\_

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LOCATION: \_\_\_\_\_

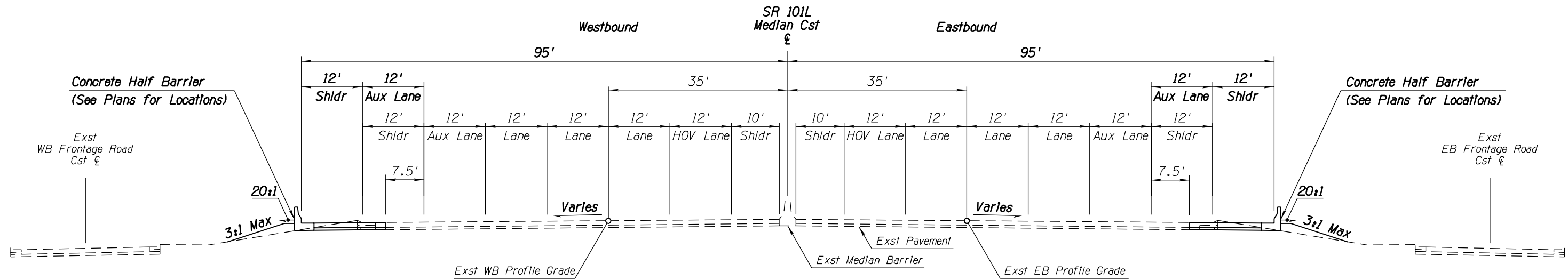
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FINISHED PLANS: \_\_\_\_\_

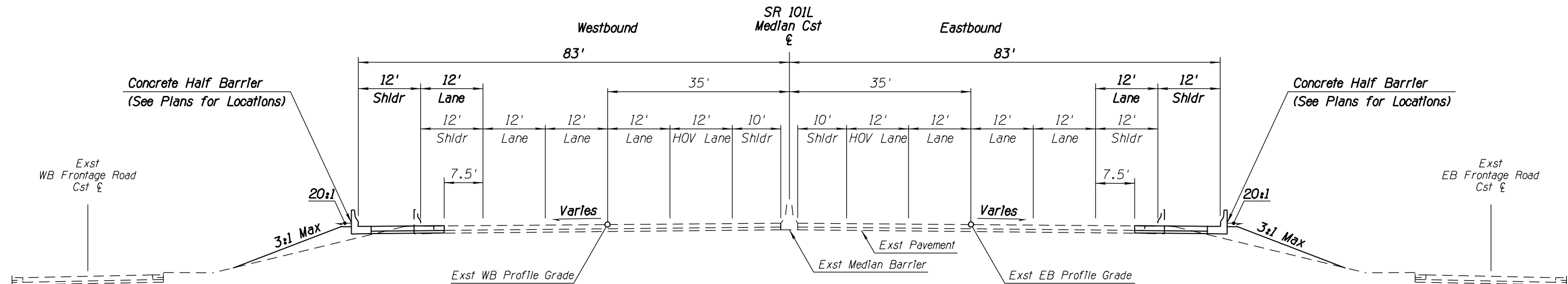
SURVEY NO. \_\_\_\_\_

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



**TYPICAL SECTION**  
 SR 101L  
 Elevated Mainline  
 With Frontage Roads  
 Between Station 1393+00.00 and the Cave Creek Wash Bridge



**TYPICAL SECTION**  
 SR 101L  
 Elevated Mainline  
 With Frontage Roads  
 Between the Cave Creek Wash Bridge and Station 1402+00.00

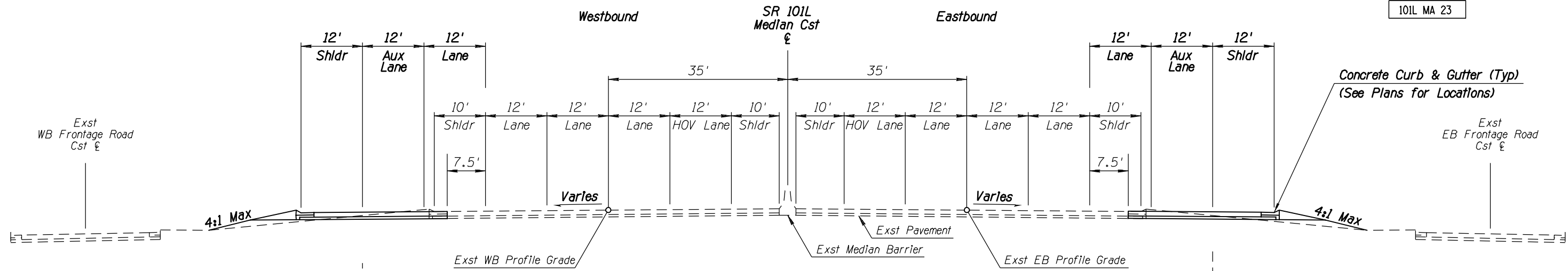
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DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com				<b>DESIGN SHEET</b> <b>SR 101L</b> <b>TYPICAL MAINLINE SECTIONS</b>	
ROUTE	LOCATION	I-17 - PRINCESS DRIVE			
TRACS NO. H8297 01L				DWG NO. G-3.05	
				NOT FOR CONSTRUCTION OR RECORDING	
				OF	

DATE: \_\_\_\_\_  
 LOCATION: \_\_\_\_\_  
 REVISIONS: \_\_\_\_\_  
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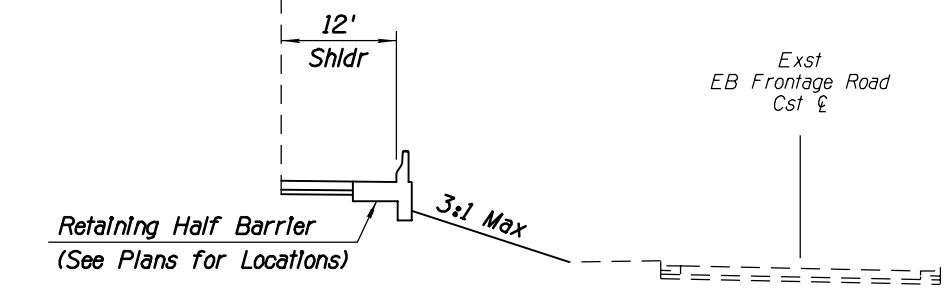
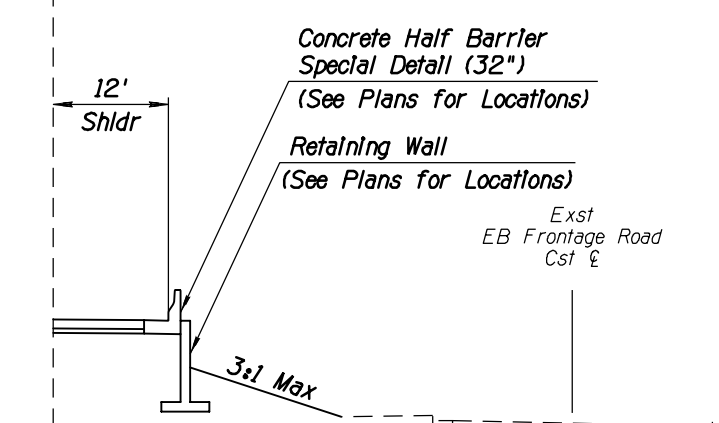
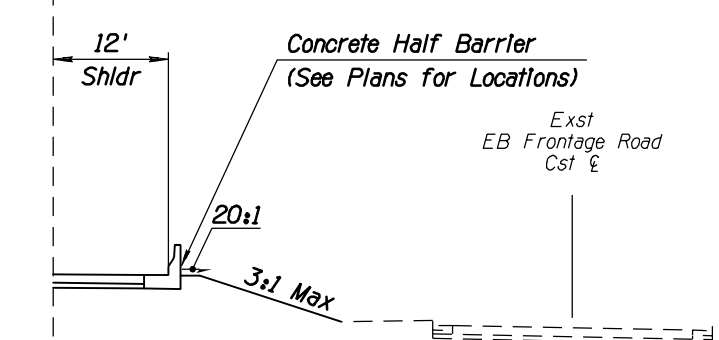
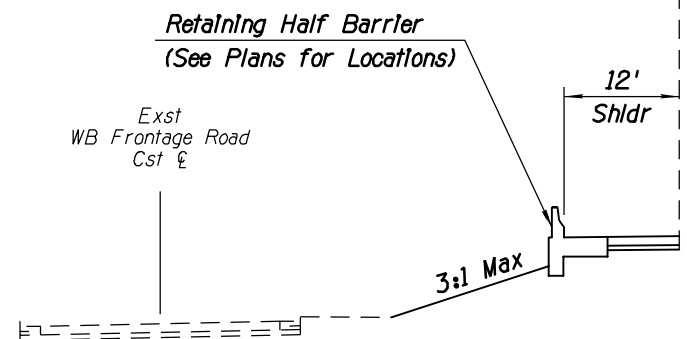
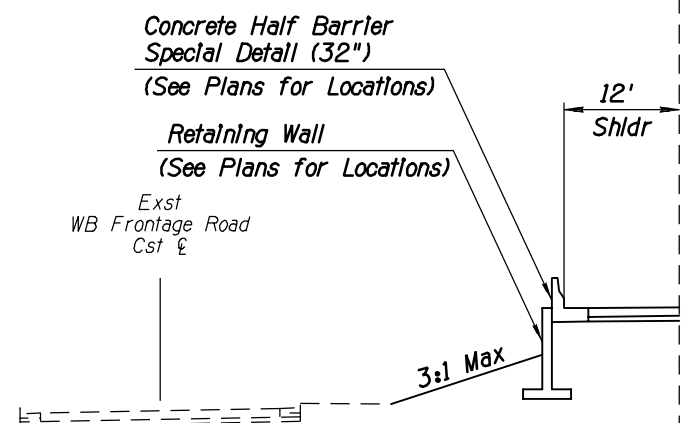
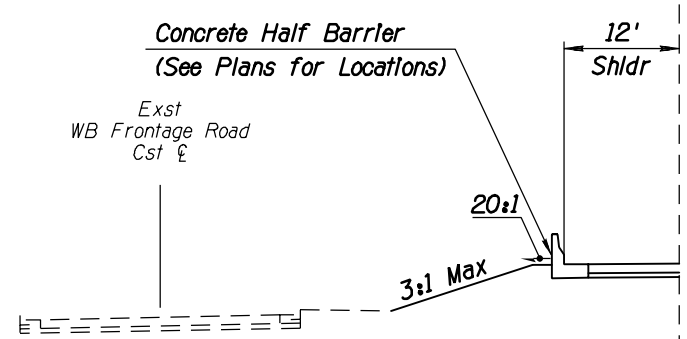
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



**TYPICAL SECTION**  
 SR 101L  
 Elevated Mainline  
 With Frontage Roads

Between 7th St Ramp 'C' & 'D' Gores and Cave Creek Rd Ramp 'A' & 'B' Gores



**APPENDIX H**

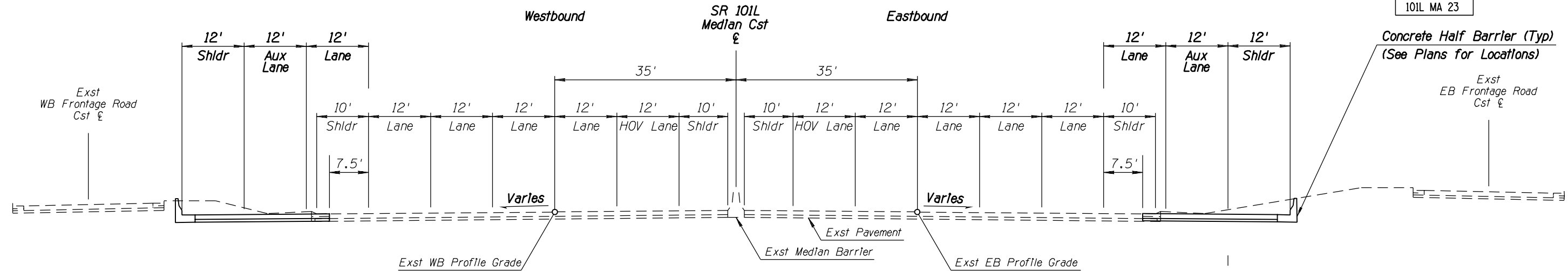
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DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2555 E. Camelback Rd, Suite 200 Phoenix, Arizona 85016 T 602.337.2700 <b>AECOM</b> www.aecom.com				<b>DESIGN SHEET</b> SR 101L TYPICAL MAINLINE SECTIONS	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		DWG NO. G-3.06
TRACS NO. H8297 01L					OF

DATE: \_\_\_\_\_  
 LOCATION: \_\_\_\_\_  
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 SURVEY NO.: \_\_\_\_\_



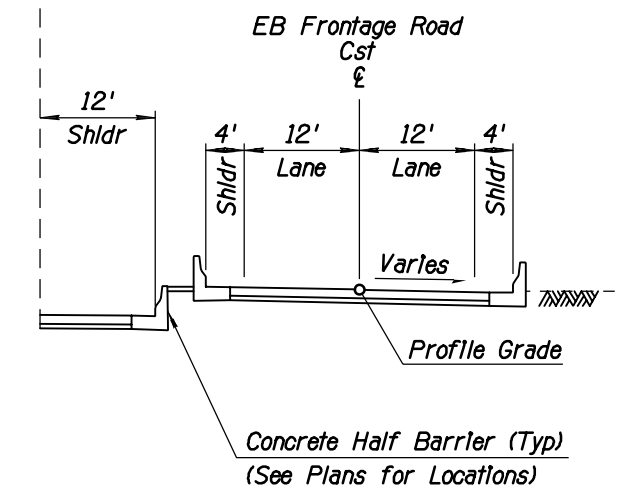
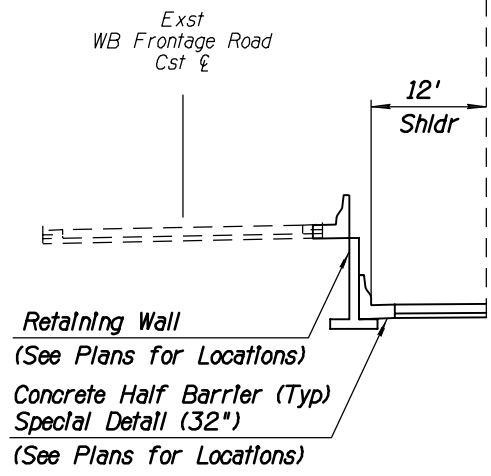
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



**TYPICAL SECTION**

SR 101L  
Depressed Mainline  
With Frontage Roads  
Between 7th St Ramp 'C' & 'D' Gores and Cave Creek Rd Ramp 'A' & 'B' Gores



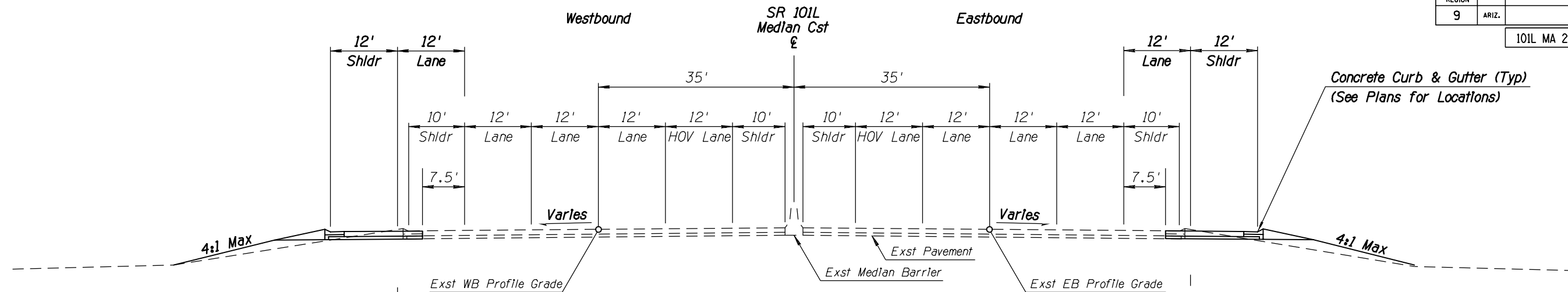
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DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
<small>TRANSPORTATION</small> <small>AECOM TECHNICAL SERVICES, Inc.</small> <small>2555 E. Camelback Rd., Suite 200</small> <small>Phoenix, Arizona 85016</small> <small>T 602.337.2700</small> <small>www.aecom.com</small>				<b>DESIGN SHEET</b> <b>SR 101L</b> <b>TYPICAL MAINLINE SECTIONS</b>	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L				DWG NO. G-3.07	NOT FOR CONSTRUCTION OR RECORDING
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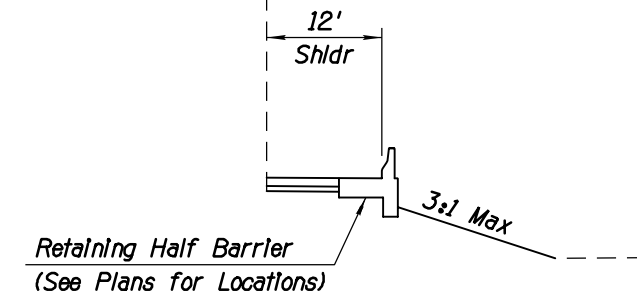
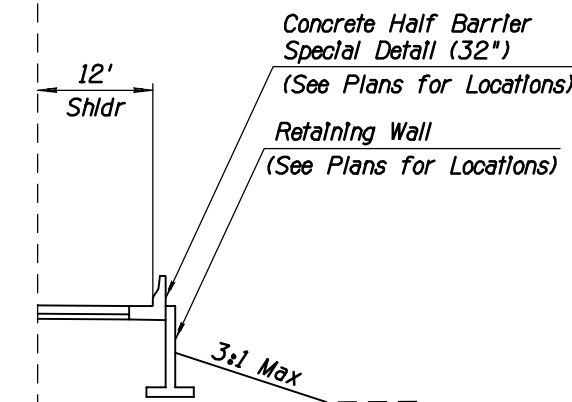
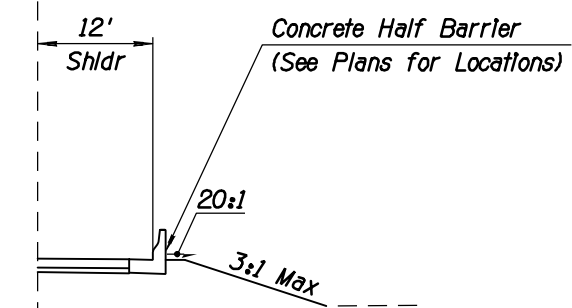
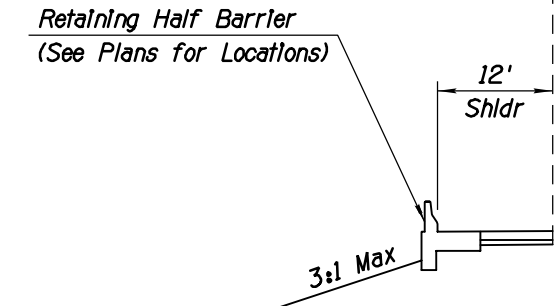
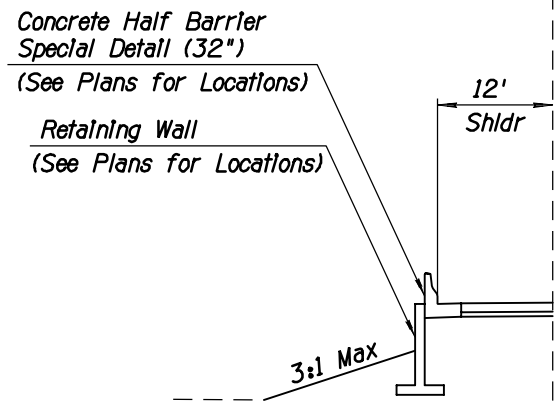
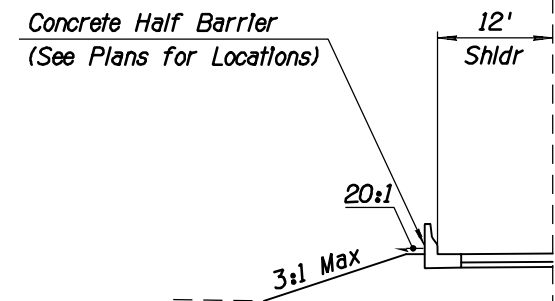
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



**TYPICAL SECTION**

SR 101L  
Elevated Mainline  
Between Cave Creek Rd and Cave Creek Rd Ramp 'C' & 'D' Gores  
WB SR 101L Between Tatum Blvd Ramp 'A' Gore and Tatum Blvd Ramp 'C' Gore  
EB SR 101L Between Station 1688+71.39 and Tatum Blvd Ramp 'D' Gore  
Between 56th St Ramp 'A' & 'B' Gores and 56th St Ramp 'C' & 'D' Gores  
Between 64th St Ramp 'A' & 'B' Gores and 64th St Ramp 'C' & 'D' Gores  
Between Scottsdale Rd Ramp 'A' & 'B' Gores and Scottsdale Rd Ramp 'C' & 'D' Gores  
Between Hayden Rd Ramp 'A' & 'B' Gores and Station 1915+00.00



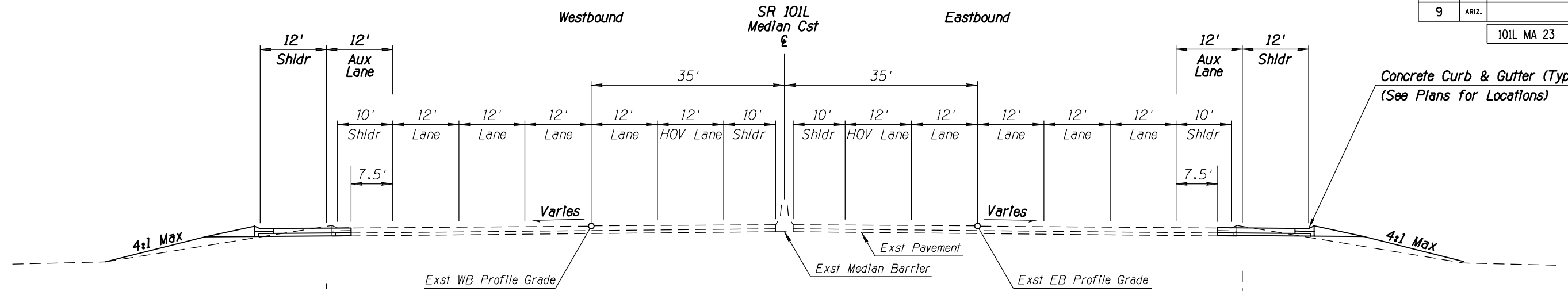
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TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com				DESIGN SHEET SR 101L TYPICAL MAINLINE SECTIONS	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		NOT FOR CONSTRUCTION OR RECORDING
TRACS NO. H8297 01L					DWG NO. G-3.08
					OF

DATE: \_\_\_\_\_  
 REVISIONS: \_\_\_\_\_  
 FINISHED PLANS: \_\_\_\_\_  
 SURVEY NO.: \_\_\_\_\_  
 DATE: \_\_\_\_\_  
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 FINISHED PLANS: \_\_\_\_\_  
 SURVEY NO.: \_\_\_\_\_

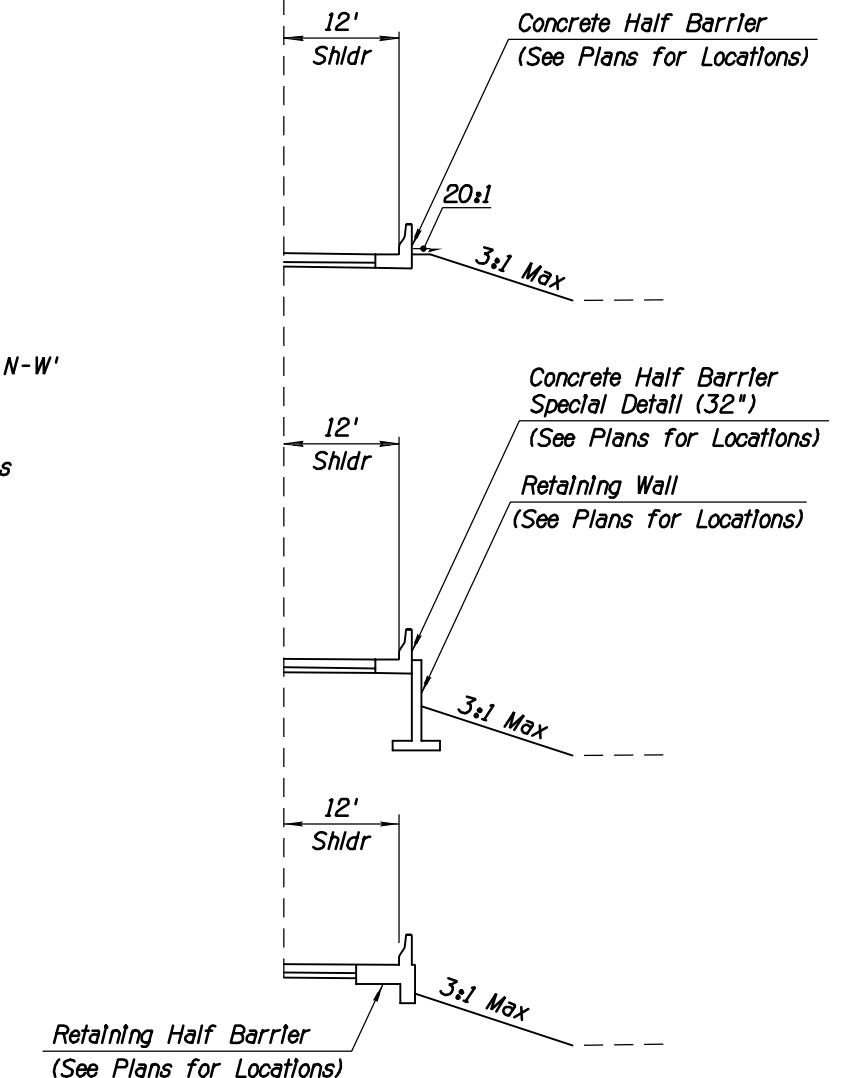
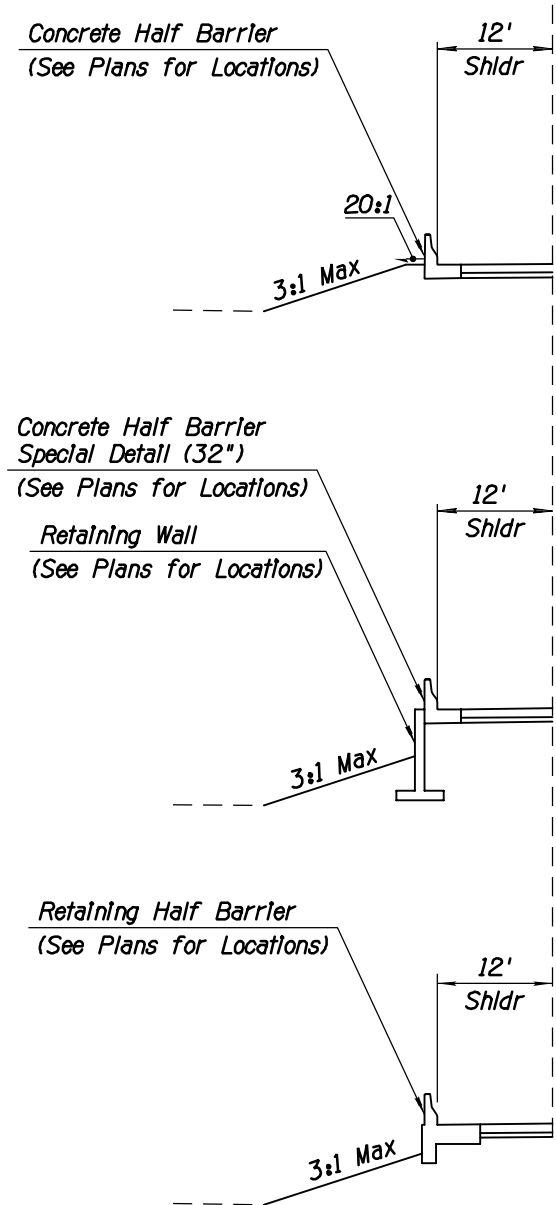
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



**TYPICAL SECTION**

SR 101L  
Elevated Mainline  
Between Cave Creek Rd Ramp 'C' & 'D' Gores and SR51/SR101L TI Ramps 'E-S' and 'N-W'  
Between Tatum Blvd Ramp 'C' & 'D' Gores and 56th St Ramp 'A' & 'B' Gores  
Between 56th St Ramp 'C' & 'D' Gores and 64th St Ramp 'A' & 'B' Gores  
Between 64th St Ramp 'C' & 'D' Gores and Scottsdale Rd Ramp 'A' & 'B' Gores  
Between Scottsdale Rd Ramp 'C' & 'D' Gores and Hayden Rd Ramp 'A' & 'B' Gores



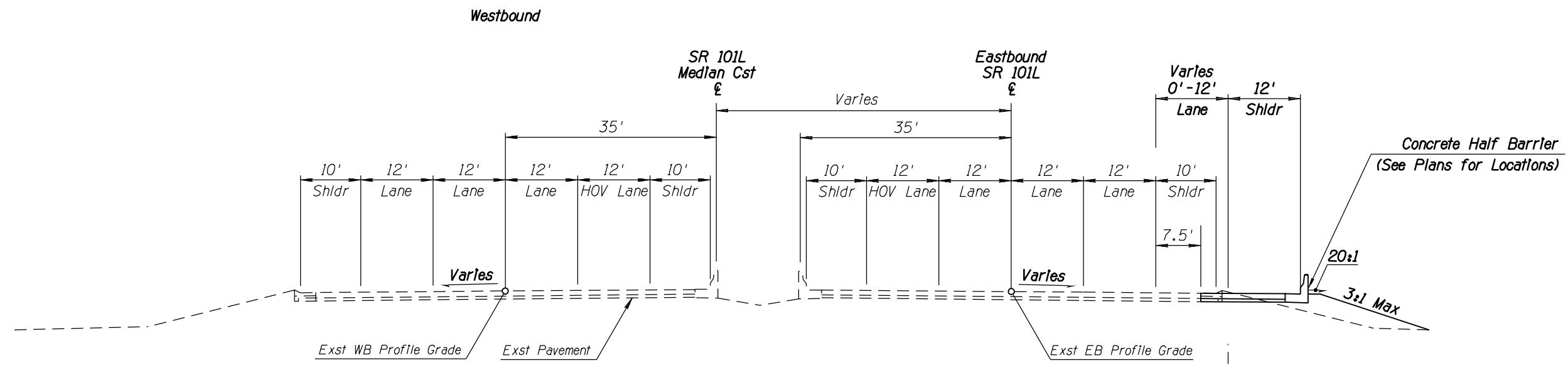
**APPENDIX H**

DESIGN	GJJ	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>
DRAWN	WBE	04-16		
CHECKED	SDW	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd, Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com			<b>DESIGN SHEET</b> <b>SR 101L</b> <b>TYPICAL MAINLINE SECTIONS</b>	
ROUTE	SR 101L	LOCATION		
TRACS NO. H8297 01L			NOT FOR CONSTRUCTION OR RECORDING	
			OF	

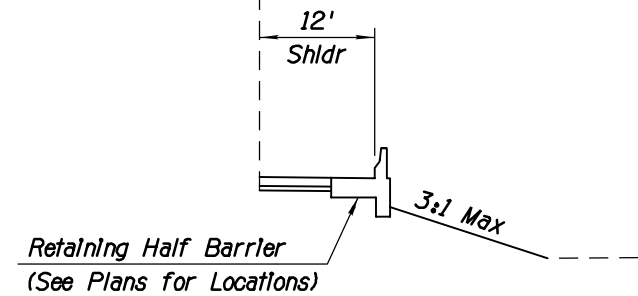
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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



**TYPICAL SECTION**  
 SR 101L  
 Eastbound SR101L Mainline  
 Between SR51/SR101L TI Ramp 'E-S' and EB SR 101L Station 1614+70.55



**APPENDIX H**

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION		<b>AECOM</b>		<b>DESIGN SHEET</b> SR 101L TYPICAL MAINLINE SECTIONS	
AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com					
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L					DWG NO. G-3.10
					NOT FOR CONSTRUCTION OR RECORDING
					OF

DATE- LOCATION- REVISIONS- FINISHED PLANS- SURVEY NO. DATE- LOCATION- REVISIONS- FINISHED PLANS- SURVEY NO.

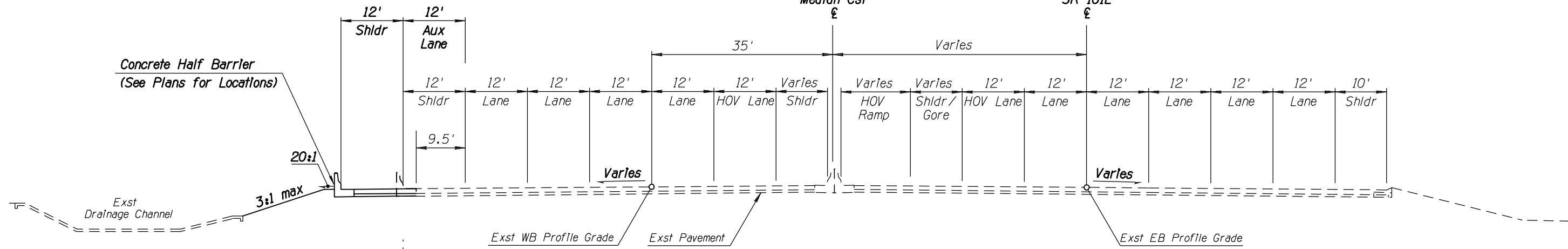
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23

Westbound

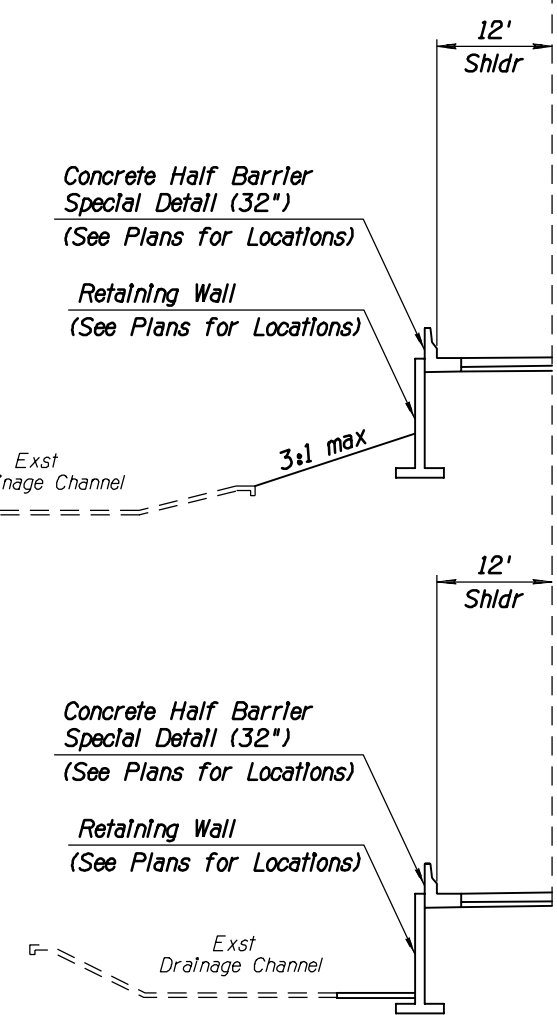
SR 101L  
Medlan Cst  
£

Eastbound  
SR 101L  
£



**TYPICAL SECTION**  
SR 101L

Between SR51/SR101L TI Ramp 'W-S' and Tatum Blvd Ramp 'A' Gore



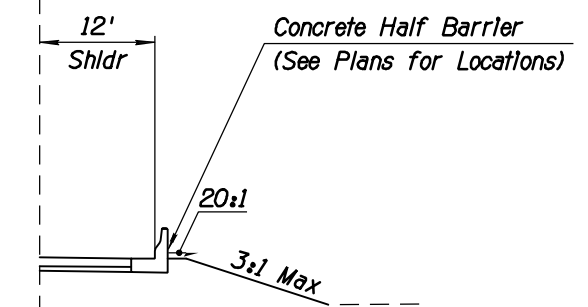
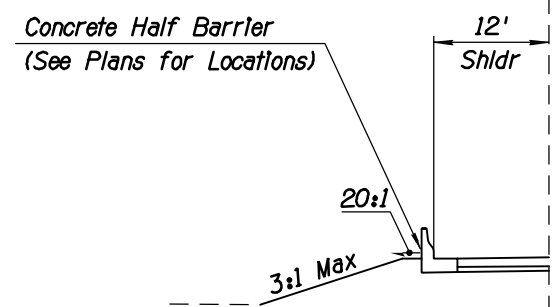
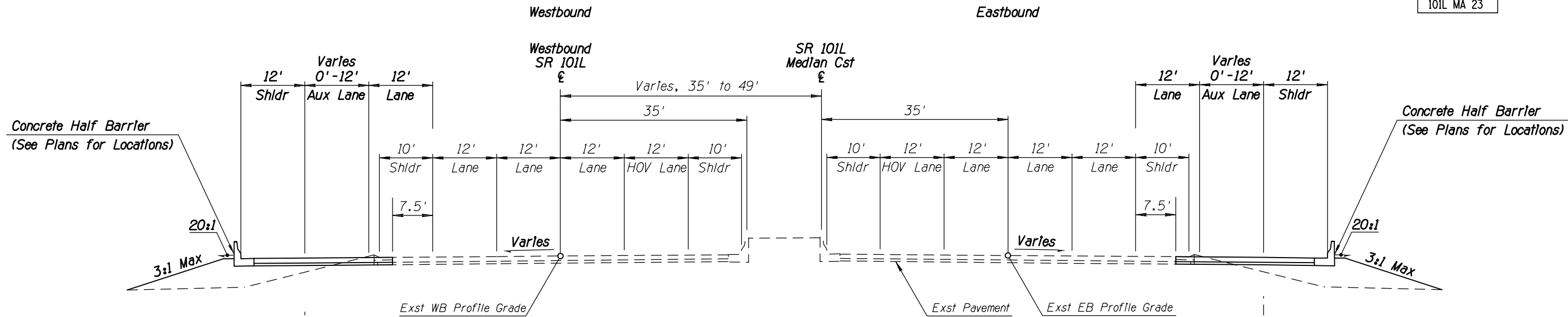
**APPENDIX H**

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION		<b>AECOM</b>		<b>DESIGN SHEET</b> SR 101L <b>TYPICAL MAINLINE SECTIONS</b>	
AECOM TECHNICAL SERVICES, Inc. 2550 E. Camelback Rd, Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com					
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L					DWG NO. G-3.11
					NOT FOR CONSTRUCTION OR RECORDING
					OF

DATE: \_\_\_\_\_  
 LOCATION: \_\_\_\_\_  
 REVISIONS: \_\_\_\_\_  
 FINISHED PLANS: \_\_\_\_\_  
 SURVEY NO.: \_\_\_\_\_  
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 REVISIONS: \_\_\_\_\_  
 FINISHED PLANS: \_\_\_\_\_  
 SURVEY NO.: \_\_\_\_\_

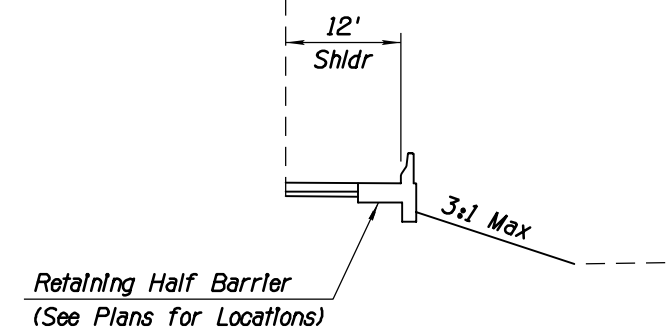
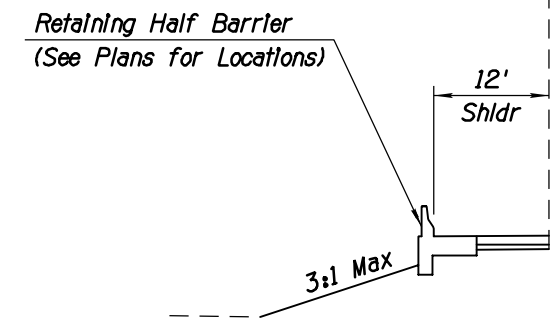
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



**TYPICAL SECTION  
SR 101L**

Between WB SR 101L Station 1915+00.00 and WB SR 101L Station 1963+00.00



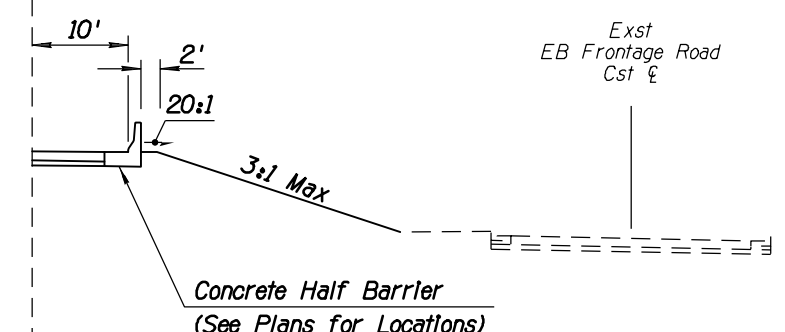
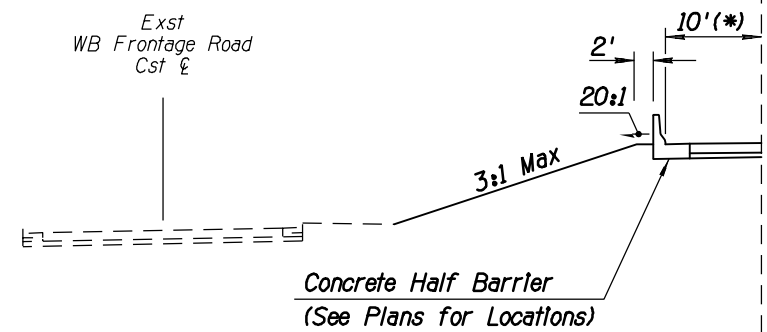
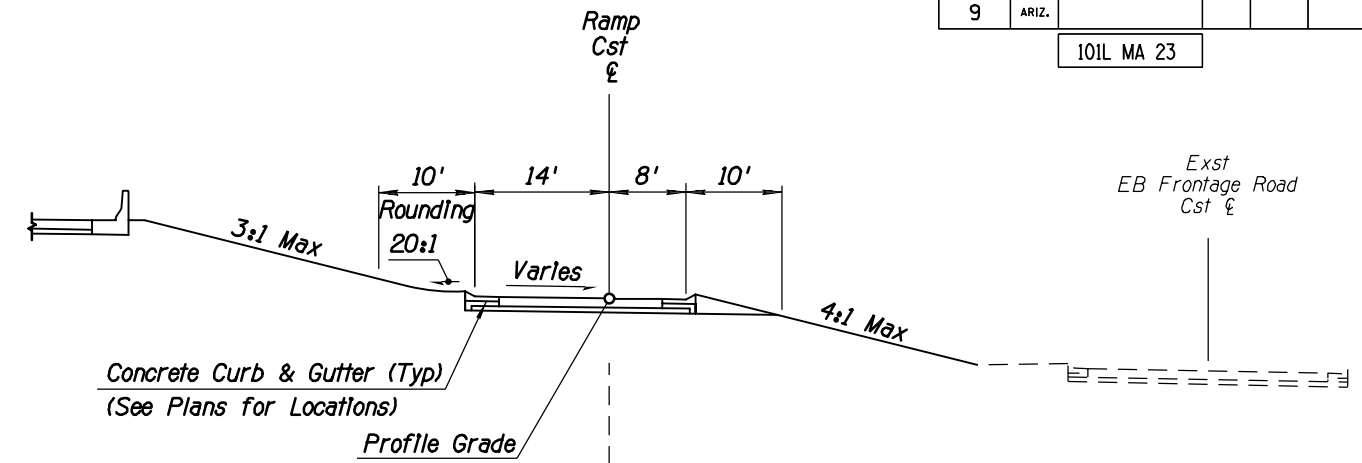
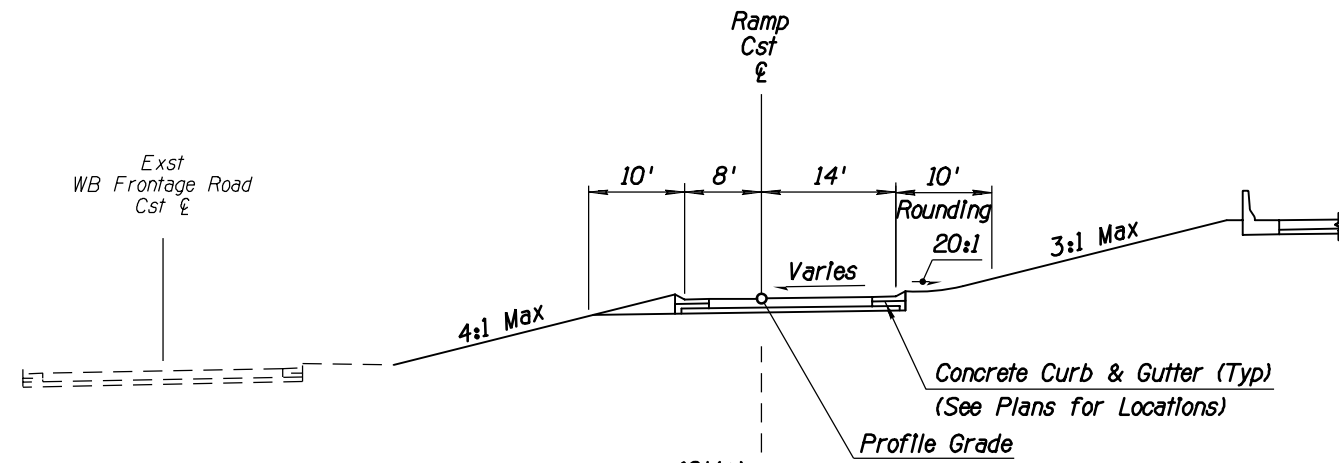
**APPENDIX H**

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION		AECOM		DESIGN SHEET	
SR 101L		SR 101L		TYPICAL MAINLINE SECTIONS	
SR 101L		I-17 - PRINCESS DRIVE		NOT FOR CONSTRUCTION OR RECORDING	
TRACS NO. H8297 01L				DWG NO. G-3.12	
				OF	

DATE: LOCATION: REVISIONS: FINISHED PLANS: SURVEY NO. DATE: LOCATION: REVISIONS: FINISHED PLANS: SURVEY NO.

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



**TYPICAL EMBANKMENT SECTION**

**TYPICAL EMBANKMENT SECTION**

Westbound Exit Ramp  
Elevated Freeway With Frontage Rd  
\* 20' For Two-Lane Exit Ramp (C&G)  
22' For Two-Lane Exit Ramp (Barrier)

Eastbound Exit Ramp  
Elevated Freeway With Frontage Rd

Concrete Half Barrier  
Special Detail (32")  
(See Plans for Locations)

Concrete Half Barrier  
Special Detail (32")  
(See Plans for Locations)  
Retaining Wall  
(See Plans for Locations)

Retaining Wall  
(See Plans for Locations)

Exst  
WB Frontage Road  
Cst

Exst  
EB Frontage Road  
Cst

Retaining Half Barrier  
(See Plans for Locations)

Exst  
WB Frontage Road  
Cst

Exst  
EB Frontage Road  
Cst

Retaining Half Barrier  
(See Plans for Locations)

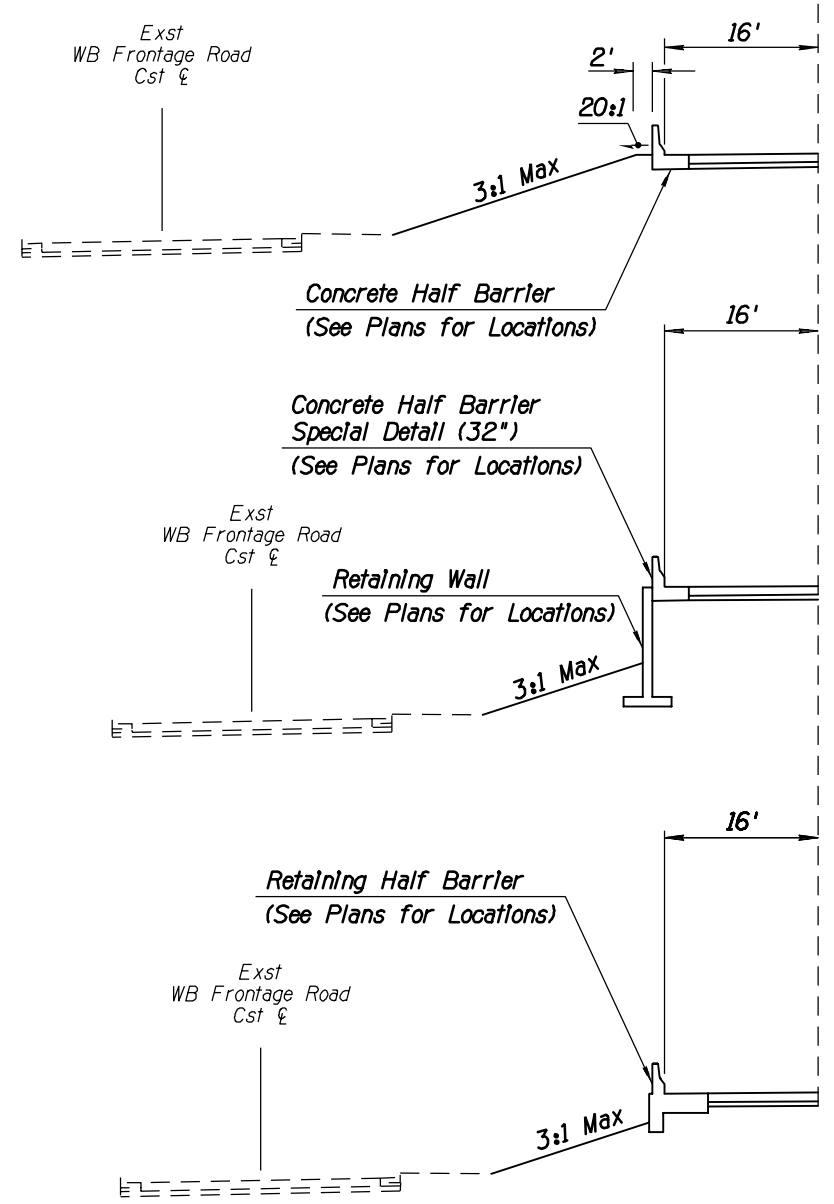
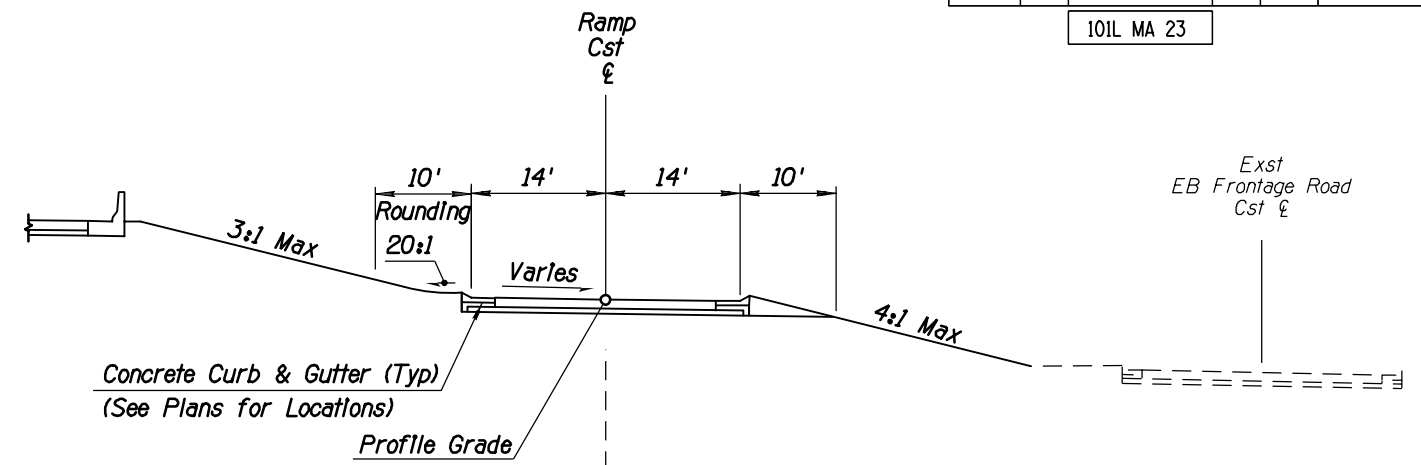
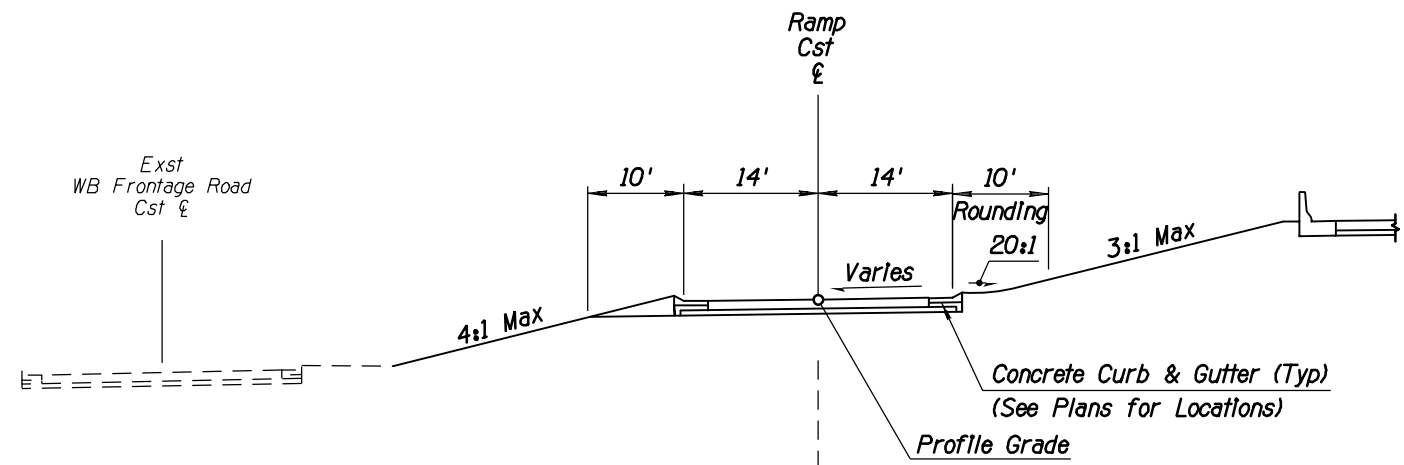
**APPENDIX H**

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2550 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 <b>AECOM</b>				<b>DESIGN SHEET</b> <b>SR 101L RAMPS</b> <b>TYPICAL MAINLINE SECTIONS</b>	NOT FOR CONSTRUCTION OR RECORDING DWG NO. G-3.13
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L					OF

SURVEY NO. FINISHED PLANS REVISIONS DATE LOCATION FINISHED PLANS REVISIONS DATE SURVEY NO.

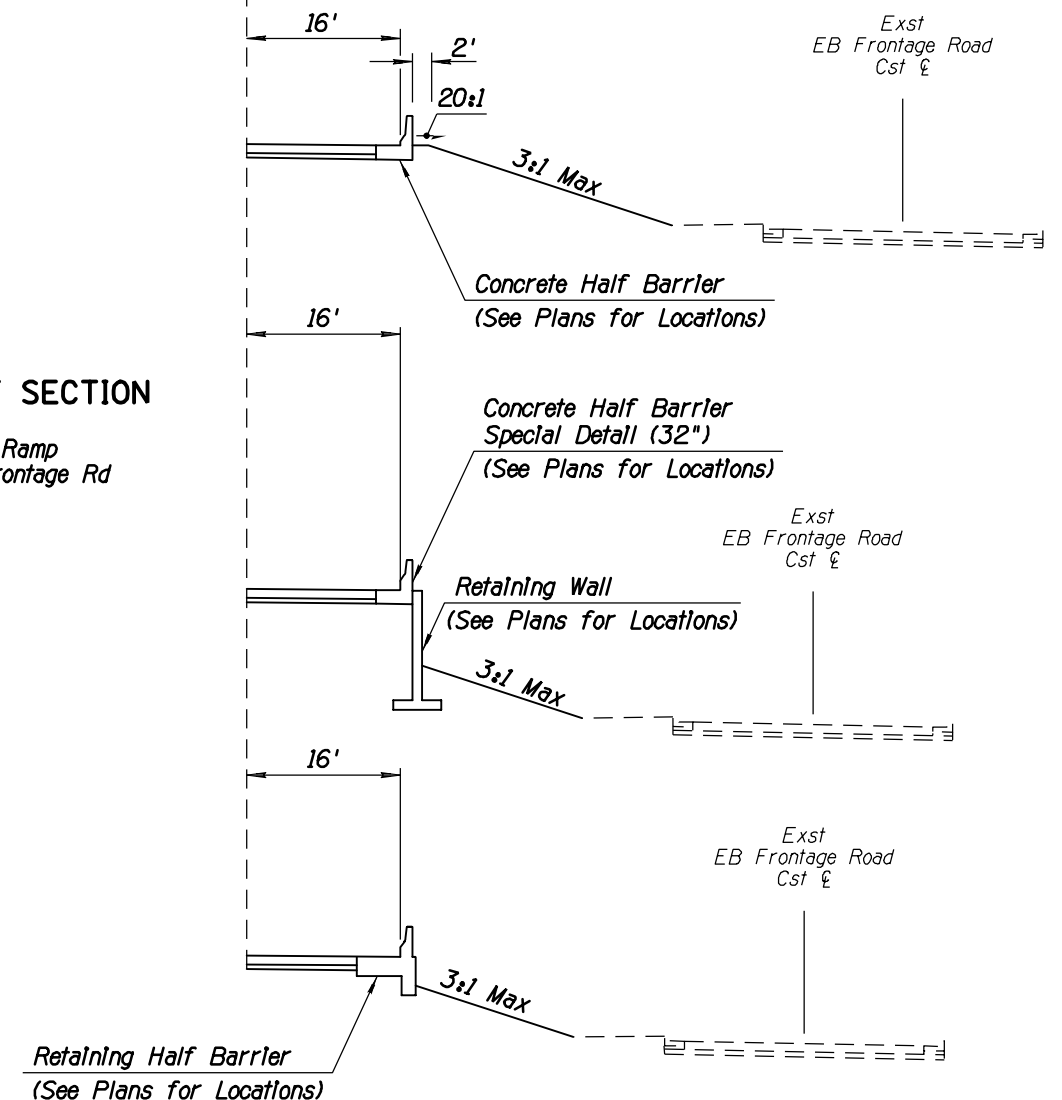
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



**TYPICAL EMBANKMENT SECTION**  
Westbound Entrance Ramp  
Elevated Freeway With Frontage Rd

**TYPICAL EMBANKMENT SECTION**  
Eastbound Entrance Ramp  
Elevated Freeway With Frontage Rd



**APPENDIX H**

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com				<b>DESIGN SHEET</b> <b>SR 101L RAMPS</b> <b>TYPICAL MAINLINE SECTIONS</b>	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L				DWG NO. G-3.14	
				OF	

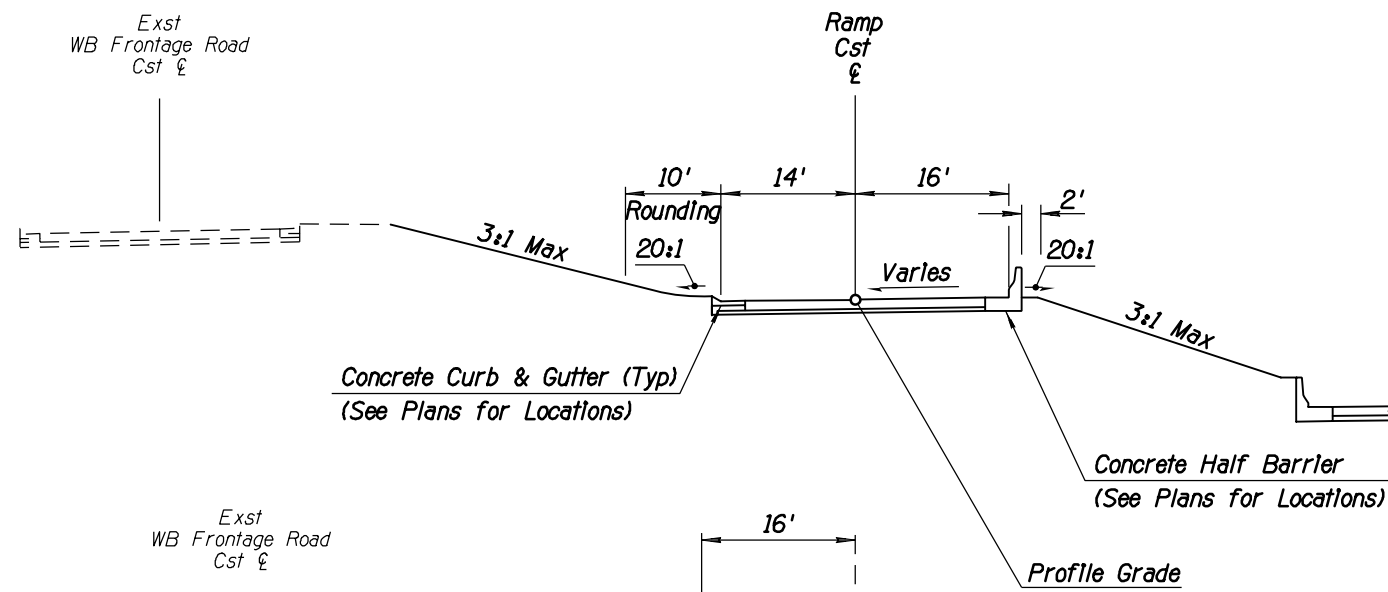
DATE: \_\_\_\_\_  
 REVISIONS: \_\_\_\_\_  
 FINISHED PLANS: \_\_\_\_\_  
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 SURVEY NO.: \_\_\_\_\_





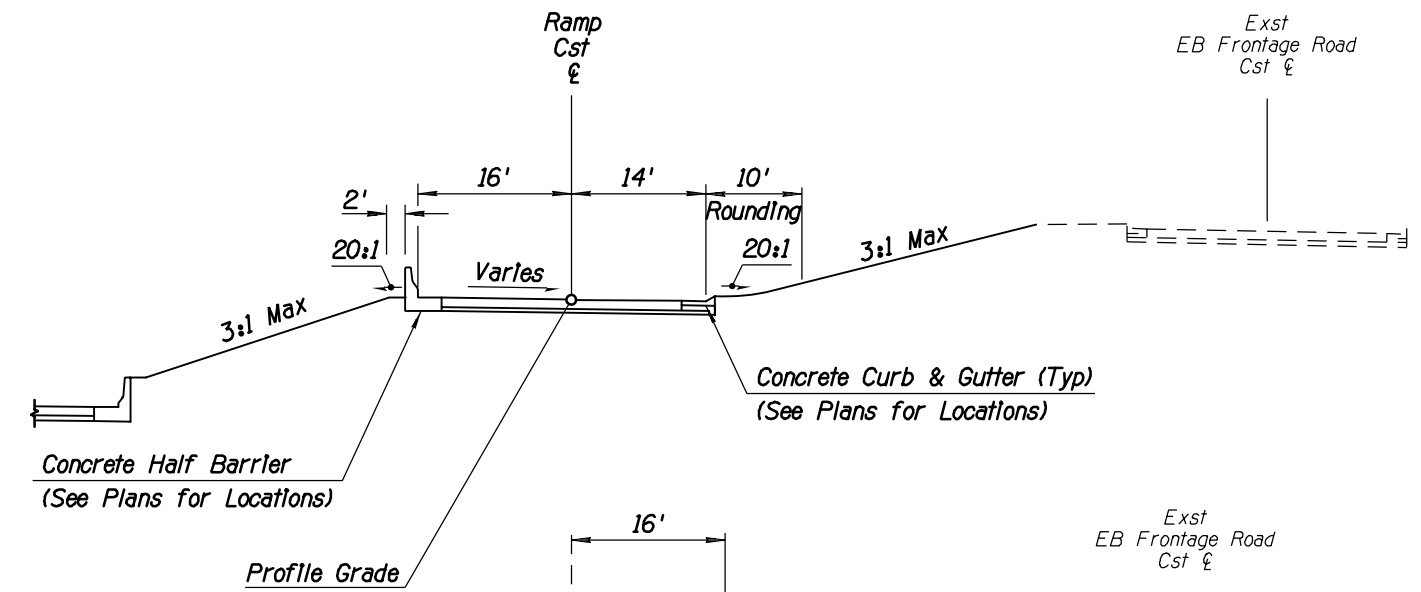
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



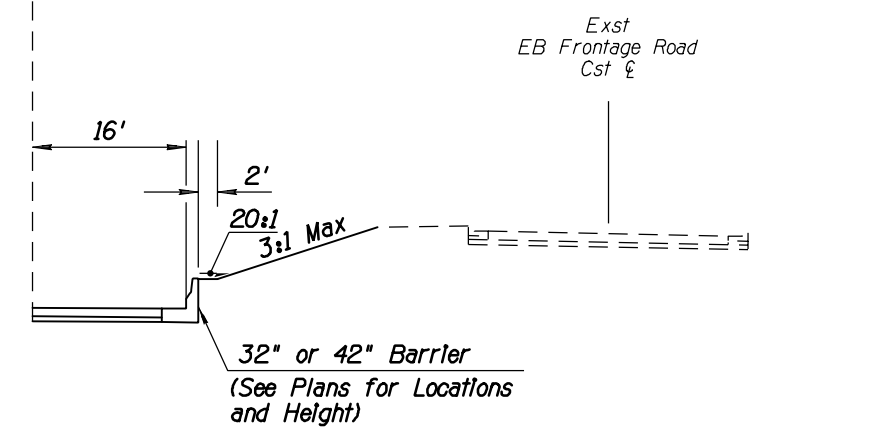
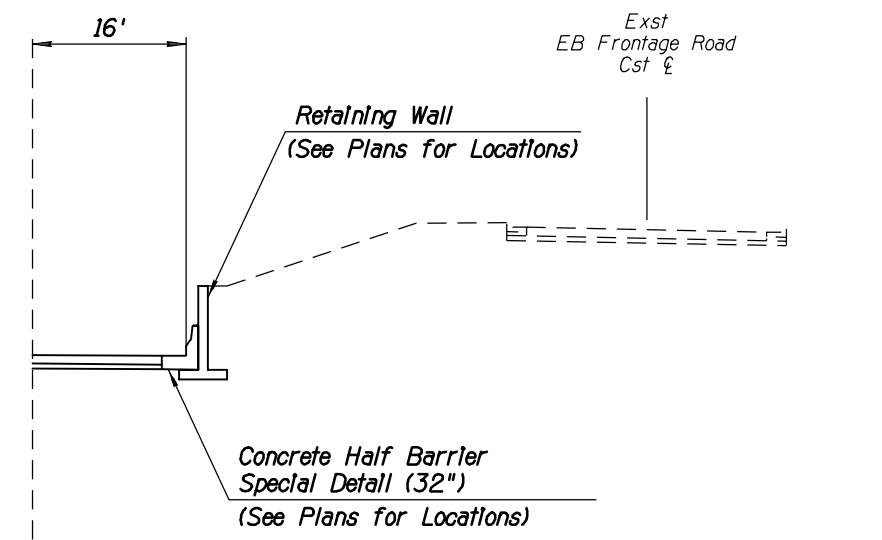
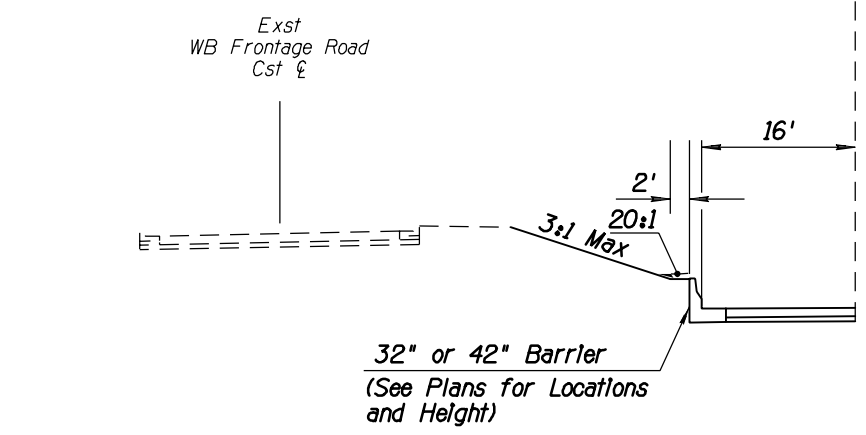
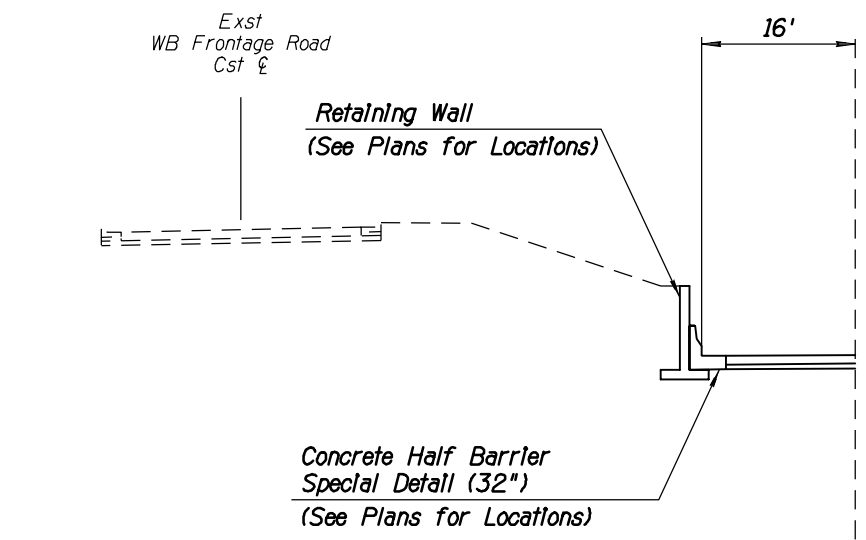
**TYPICAL EMBANKMENT SECTION**

Westbound Entrance Ramp  
Depressed Freeway With Frontage Rd



**TYPICAL EMBANKMENT SECTION**

Eastbound Entrance Ramp  
Depressed Freeway With Frontage Rd



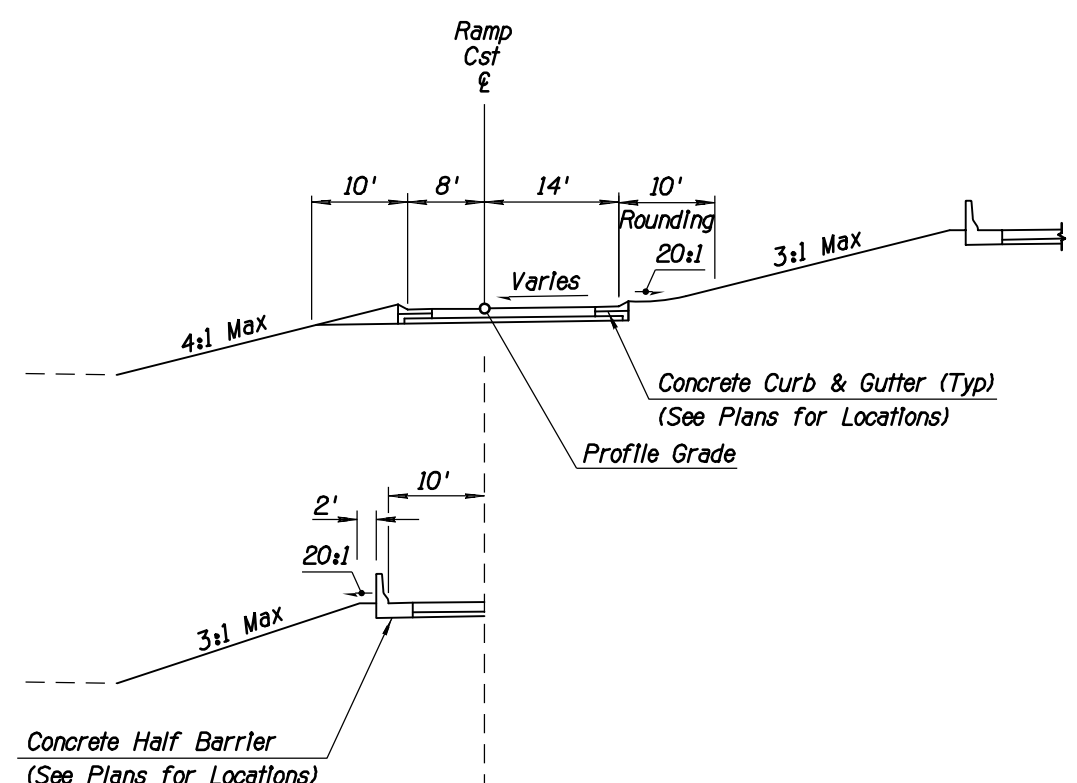
**APPENDIX H**

DESIGN	GJJ	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>
DRAWN	WBE	04-16		
CHECKED	SDW	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2555 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com			<b>DESIGN SHEET</b> <b>SR 101L RAMPS</b> <b>TYPICAL MAINLINE SECTIONS</b>	
ROUTE	LOCATION			
SR 101L	I-17 - PRINCESS DRIVE		NOT FOR CONSTRUCTION OR RECORDING	
TRACS NO. H8297 01L			DWG NO. G-3.16	OF

DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_ REVISIONS: \_\_\_\_\_ FINISHED PLANS: \_\_\_\_\_ SURVEY NO. \_\_\_\_\_ DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_ REVISIONS: \_\_\_\_\_ FINISHED PLANS: \_\_\_\_\_ SURVEY NO. \_\_\_\_\_

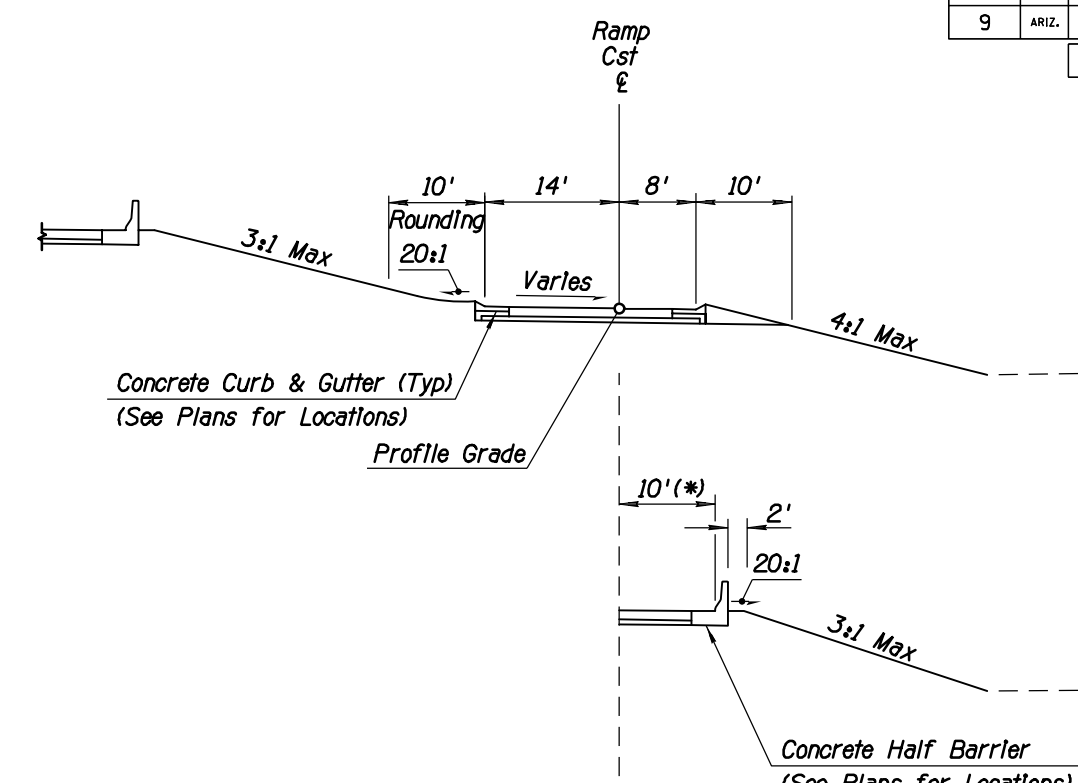
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



**TYPICAL EMBANKMENT SECTION**

Westbound Exit Ramp  
Elevated Freeway



**TYPICAL EMBANKMENT SECTION**

Eastbound Exit Ramp  
Elevated Freeway

\* 20' For Two-Lane Exit Ramp (C&G)  
22' For Two-Lane Exit Ramp (Barrier)

Concrete Half Barrier  
Special Detail (32")  
(See Plans for Locations)

Retaining Wall  
(See Plans for Locations)

Concrete Half Barrier  
Special Detail (32")  
(See Plans for Locations)

Retaining Wall  
(See Plans for Locations)

Retaining Half Barrier  
(See Plans for Locations)

Retaining Half Barrier  
(See Plans for Locations)

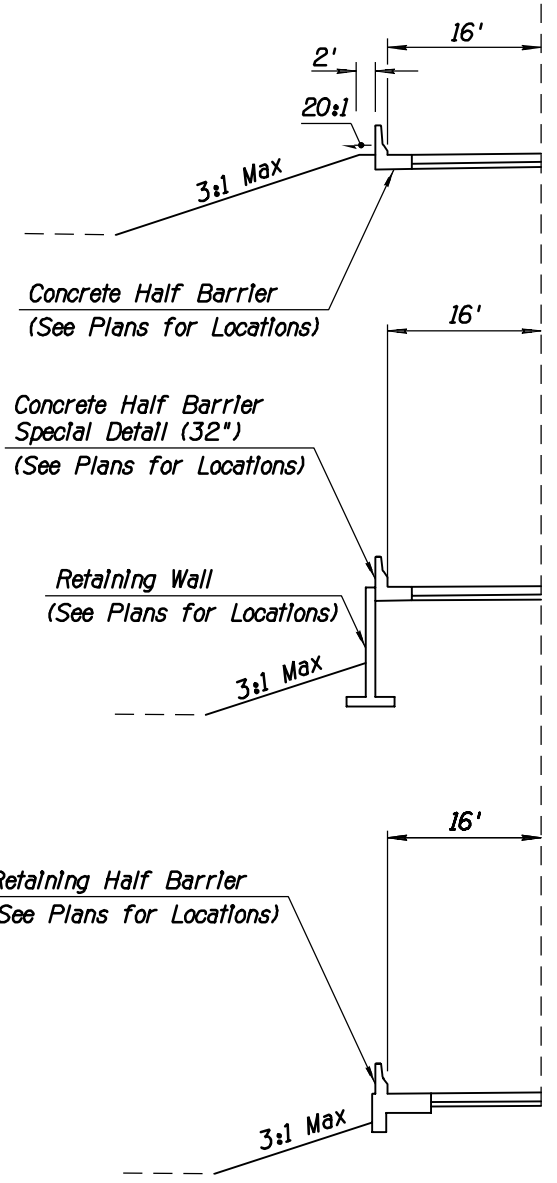
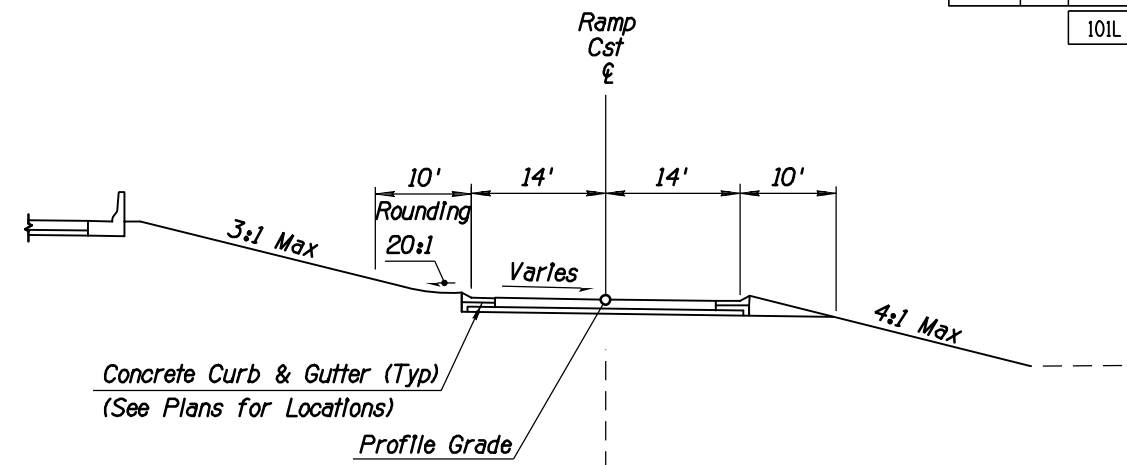
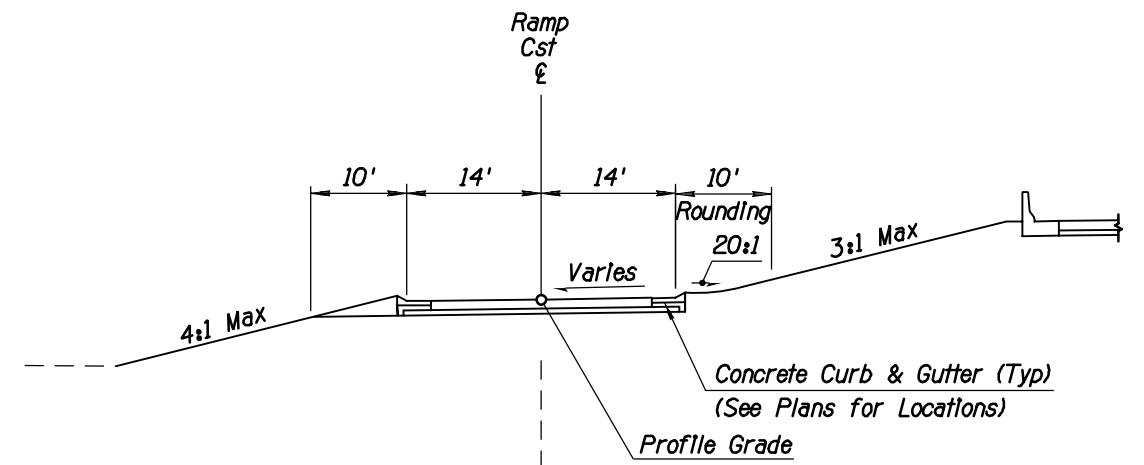
**APPENDIX H**

DESIGN	GJJ	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>
DRAWN	WBE	04-16		
CHECKED	SDW	04-16		
<small>TRANSPORTATION</small> <small>AECOM TECHNICAL SERVICES, Inc.</small> <small>2525 E. Camelback Rd., Suite 200</small> <small>Phoenix, Arizona 85016</small> <small>T 602.337.2700</small> <small>www.aecom.com</small>			<b>DESIGN SHEET</b> <b>SR 101L RAMPS</b> <b>TYPICAL MAINLINE SECTIONS</b>	
ROUTE	SR 101L	LOCATION		
TRACS NO. H8297 01L			NOT FOR CONSTRUCTION OR RECORDING	
			OF	

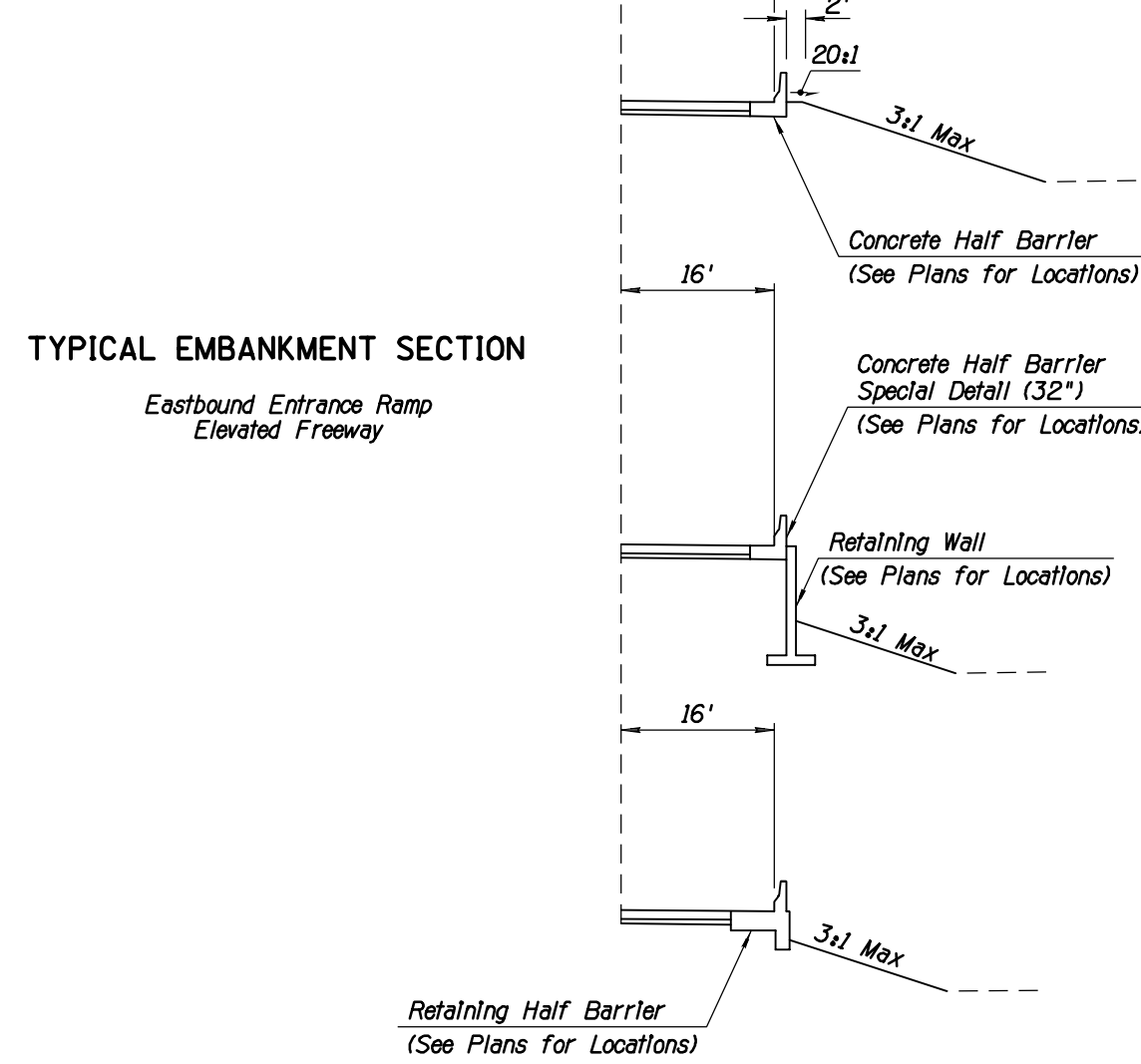
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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



**TYPICAL EMBANKMENT SECTION**  
Westbound Entrance Ramp  
Elevated Freeway



**TYPICAL EMBANKMENT SECTION**  
Eastbound Entrance Ramp  
Elevated Freeway

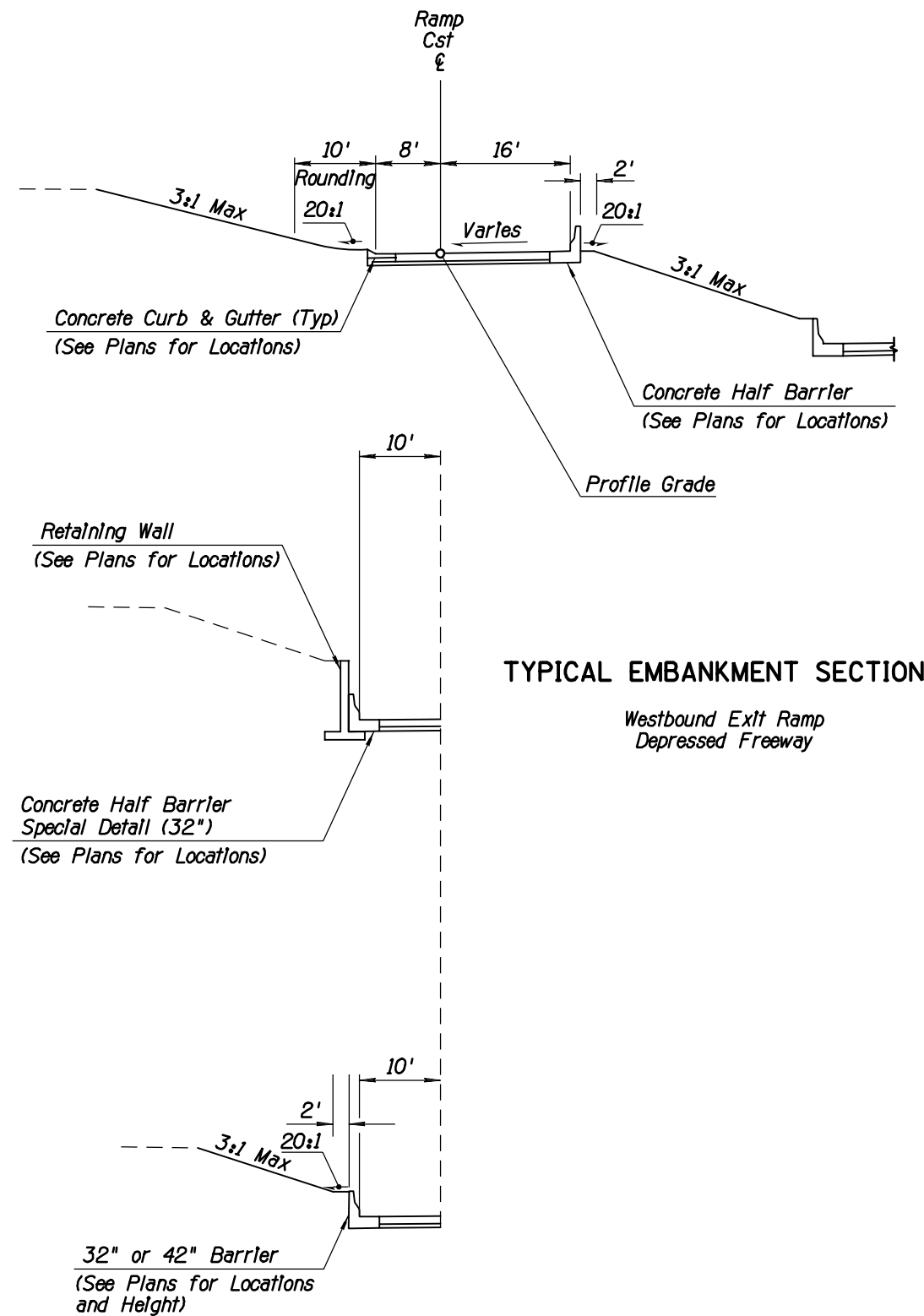
**APPENDIX H**

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION		<b>AECOM</b>		<b>DESIGN SHEET</b> <b>SR 101L RAMPS</b> <b>TYPICAL MAINLINE SECTIONS</b>	
AECOM TECHNICAL SERVICES, Inc. 2555 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700		www.aecom.com			
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L				DWG NO. G-3.18	
				NOT FOR CONSTRUCTION OR RECORDING	
				OF	

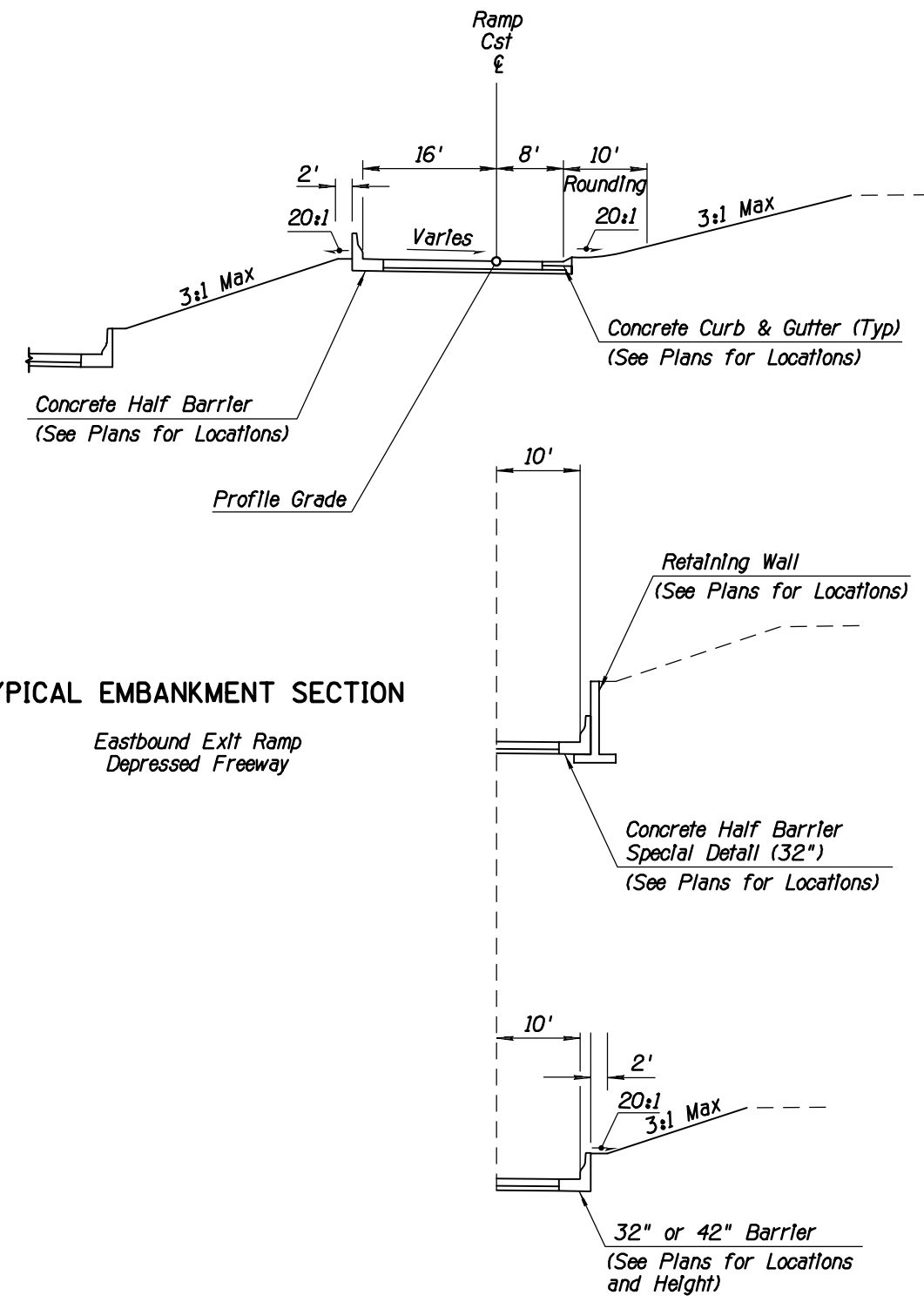
DATE- LOCATION- REVISIONS- FINISHED PLANS- SURVEY NO. DATE- LOCATION- REVISIONS- FINISHED PLANS- SURVEY NO.

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



**TYPICAL EMBANKMENT SECTION**  
Westbound Exit Ramp  
Depressed Freeway



**TYPICAL EMBANKMENT SECTION**  
Eastbound Exit Ramp  
Depressed Freeway

**APPENDIX H**

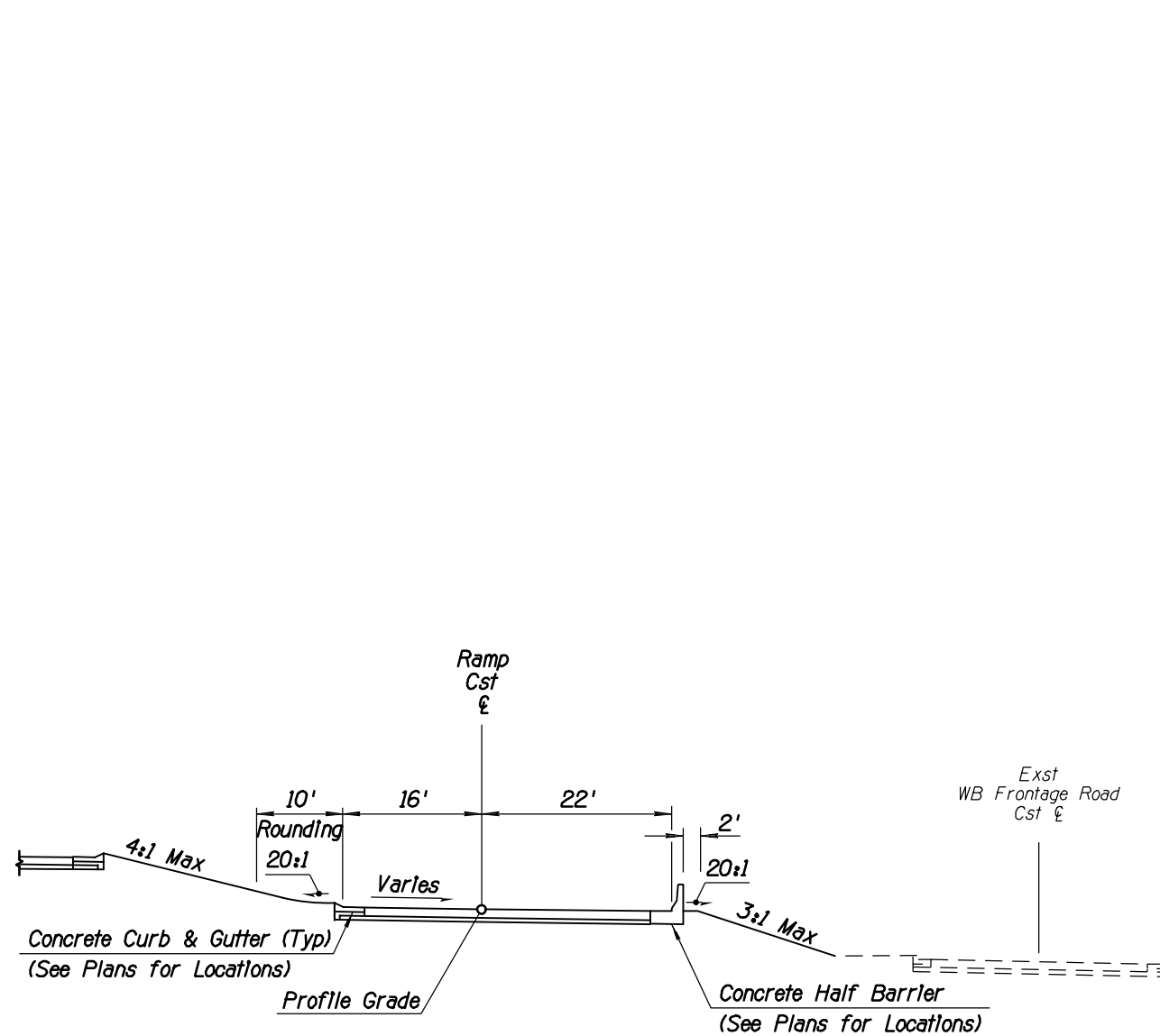
DESIGN	GJJ	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>
DRAWN	WBE	04-16		
CHECKED	SDW	04-16		
<small>TRANSPORTATION</small> <b>AECOM</b> <small>AECOM TECHNICAL SERVICES, Inc. 2555 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com</small>			<b>DESIGN SHEET</b> <b>SR 101L RAMPS</b> <b>TYPICAL MAINLINE SECTIONS</b>	
ROUTE	LOCATION			
SR 101L	I-17 - PRINCESS DRIVE		NOT FOR CONSTRUCTION OR RECORDING	
TRACS NO. H8297 01L			DWG NO. G-3.19	OF

SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE



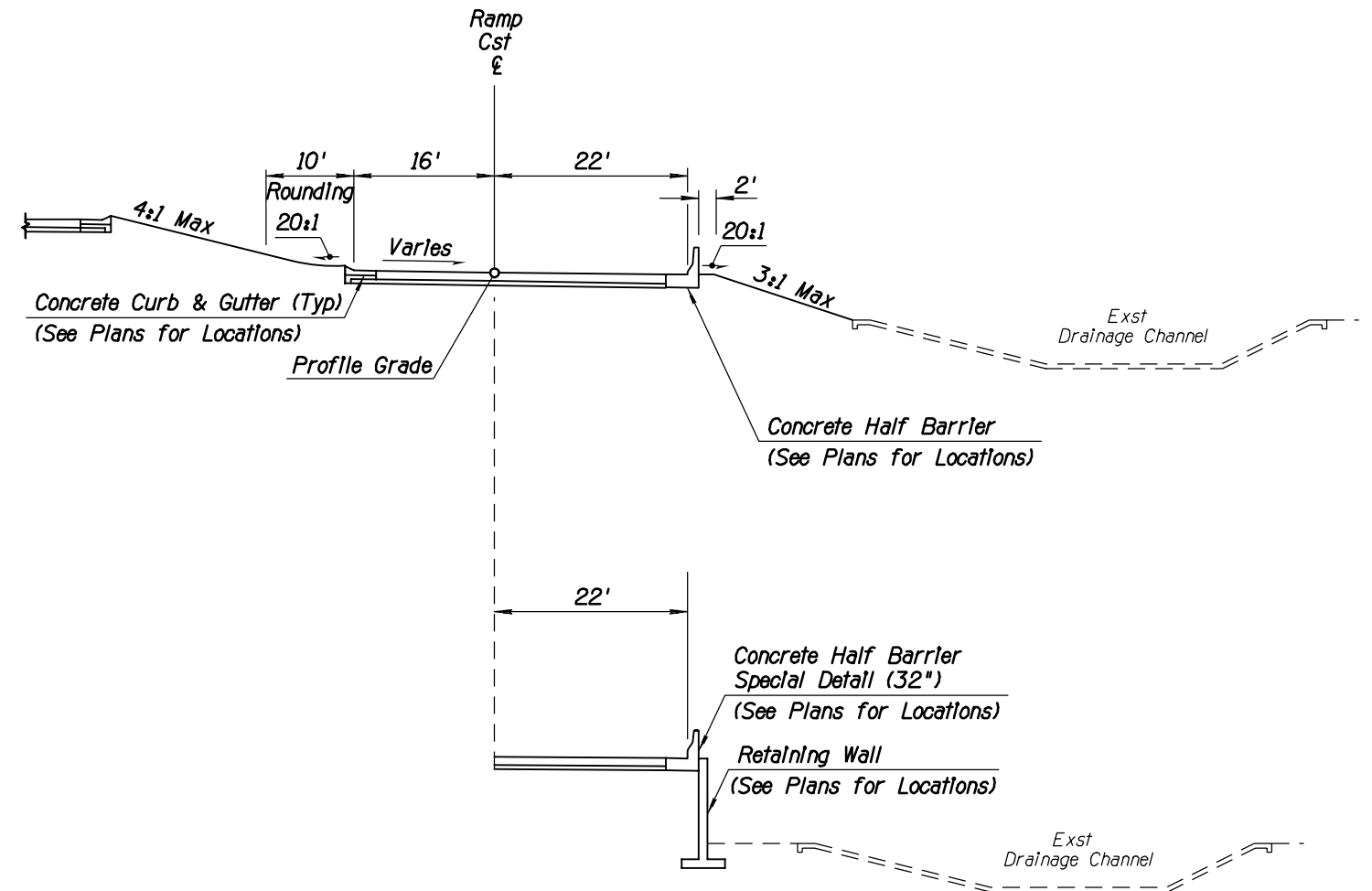
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



**TYPICAL EMBANKMENT SECTION**

I-17/SR101L TI Ramp 'W-S'  
(In the Direction of Travel)



**TYPICAL EMBANKMENT SECTION**

SR51/SR101L TI Ramp 'W-S'  
(In the Direction of Travel)

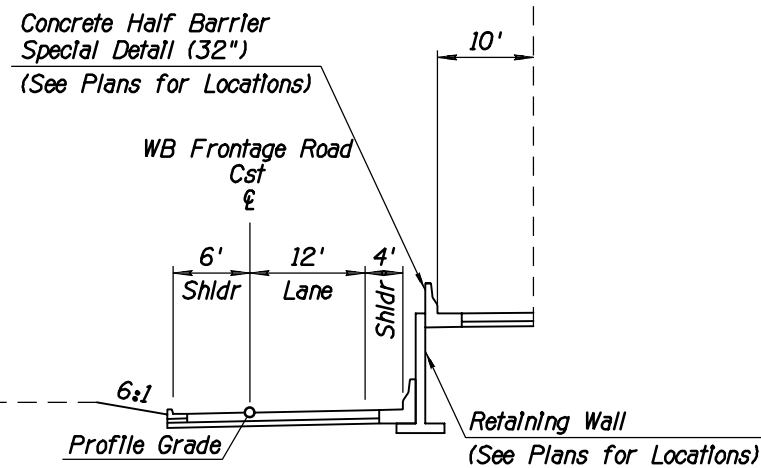
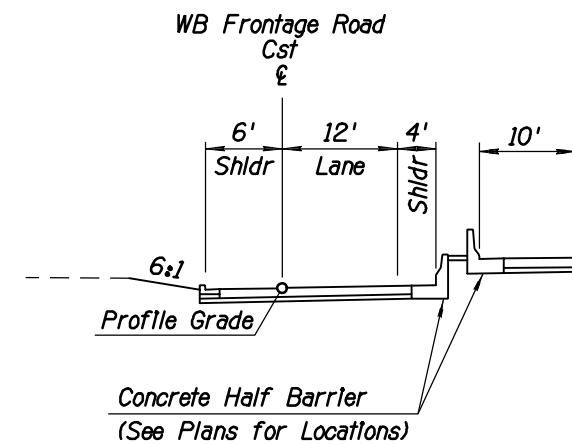
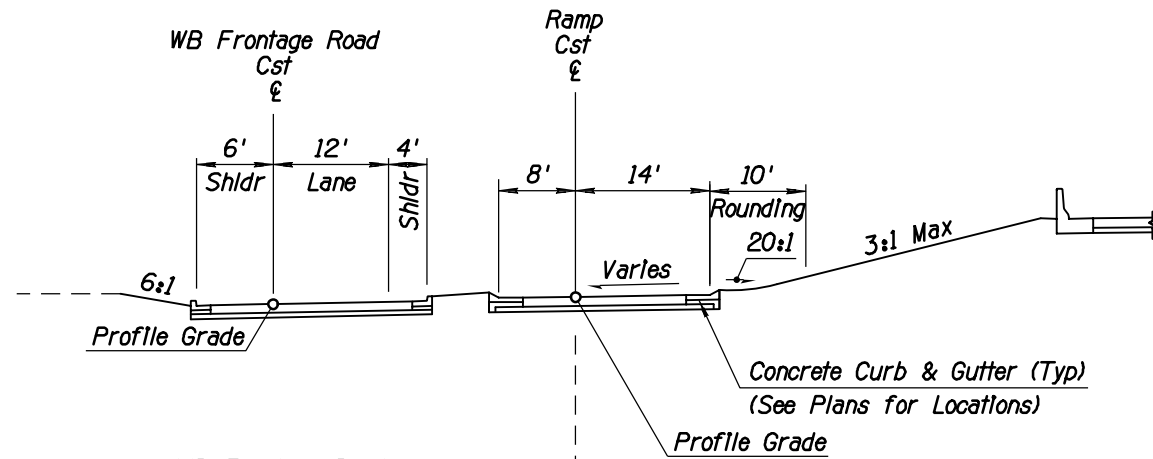
**APPENDIX H**

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION		<b>AECOM</b>		<b>DESIGN SHEET</b> <b>SR 101L RAMPS</b> <b>TYPICAL MAINLINE SECTIONS</b>	
AECOM TECHNICAL SERVICES, Inc. 2555 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700		www.aecom.com			
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L					DWG NO. G-3.21
					NOT FOR CONSTRUCTION OR RECORDING
					OF

SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE

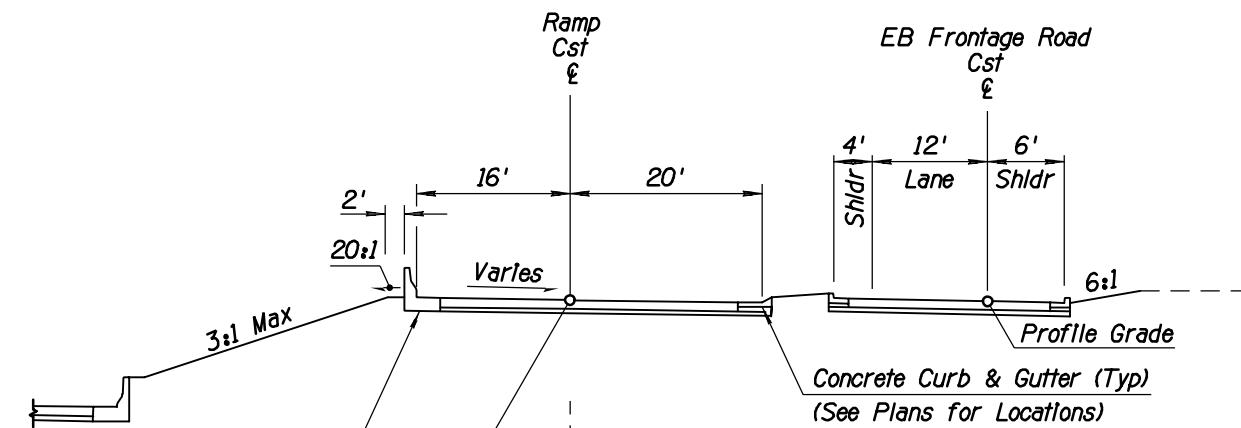
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



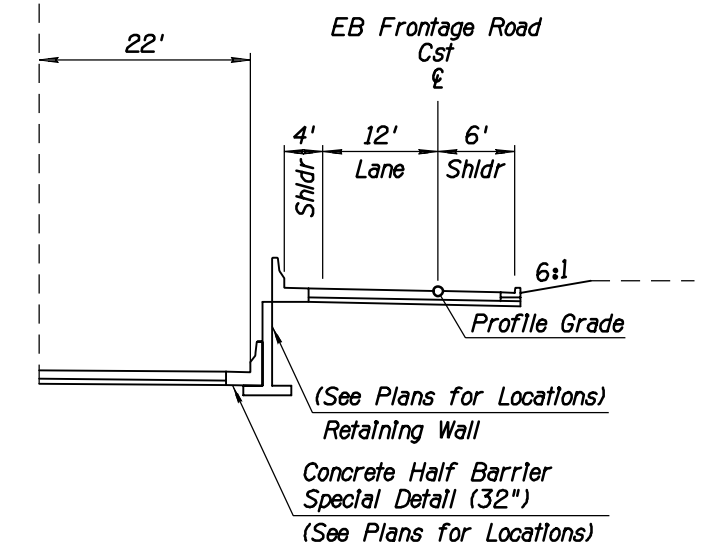
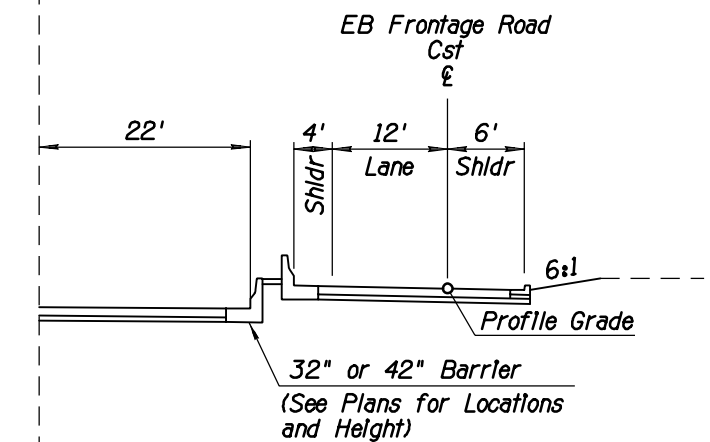
TYPICAL EMBANKMENT SECTION

Westbound Frontage Rd



TYPICAL EMBANKMENT SECTION

Eastbound Frontage Rd



APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2555 E. Camelback Rd, Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com				DESIGN SHEET SR 101L FRONTAGE ROAD TYPICAL MAINLINE SECTIONS	NOT FOR CONSTRUCTION OR RECORDING DWG NO. G-3.22
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L					

DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_ REVISIONS: \_\_\_\_\_ FINISHED PLANS: \_\_\_\_\_ SURVEY NO. \_\_\_\_\_ DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_ REVISIONS: \_\_\_\_\_ FINISHED PLANS: \_\_\_\_\_ SURVEY NO. \_\_\_\_\_




F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23

PLAN REF NO	P.I./P.O.T. STATION	COORDINATES		All Coordinates Are Ground Coordinates And All Bearings Are Grid Bearings								G.A.F. = 1.00016	
636	Exst SR 101L Med Cst & POT	1258+05.64	N=971060.175 E=639071.893										
	Exst SR 101L Med Cst & Combined Curve			TOTAL	Δ=9°45'39"		R+o=2867.12	T1=444.78	Ls=888.04	Ext=12.76	T2=444.78		
10062	Exst SR 101L Med Cst & SPI	1295+16.85	N=971052.816 E=642783.100	Spiral	Δ=4°00'00"	LT=266.73	ST=133.40	t=199.97	Ls=400.00	"o"=2.33			
101-1	Exst SR 101L Med Cst & PI	1296+94.14	N=971064.841 E=642960.111	Simple	Δ=1°45'39"	D=2°00'00"	R=2864.79	T=44.02	L=88.04	Ext=0.34	e=0.048%	SEE SUPERELEVATION DIAGRAM	
10066	Exst SR 101L Med Cst & SPI	1298+71.56	N=971082.300 E=643136.669	Spiral	Δ=4°00'00"	LT=266.73	ST=133.40	t=199.97	Ls=400.00	"o"=2.33			
101-2	Exst SR 101L Med Cst & PI	1323+37.98	N=971495.649 E=645568.346	Simple	Δ=17°18'12"	D=0°37'50"	R=9086.56	T=1382.58	L=2744.12	Ext=104.58	e=0.023%	SEE SUPERELEVATION DIAGRAM	
101-3	Exst SR 101L Med Cst & PI	1361+58.76	N=970983.823 E=649375.919	Simple	Δ=10°24'54"	D=0°45'33"	R=7545.93	T=687.72	L=1371.65	Ext=31.27	e=0.0253%	SEE SUPERELEVATION DIAGRAM	
101-4	Exst SR 101L Med Cst & PI	1379+28.84	N=971069.206 E=651147.742	Simple	Δ=2°12'06"	D=0°14'58"	R=22965.88	T=441.30	L=882.50	Ext=4.24	e=NC	SEE SUPERELEVATION DIAGRAM	
10018	Exst SR 101L Med Cst & PI	1410+76.07	N=971099.814 E=654294.932										
101-6	Exst SR 101L Med Cst & PI	1442+92.48	N=971168.218 E=657510.613	Simple	Δ=2°06'28"	D=0°14'58"	R=22965.88	T=422.50	L=844.91	Ext=3.89	e=NC	SEE SUPERELEVATION DIAGRAM	
101-7	Exst SR 101L Med Cst & PI	1490+44.37	N=971094.466 E=662262.018	Simple	Δ=24°57'11"	D=1°05'29"	R=5249.34	T=1161.50	L=2286.16	Ext=126.96	e=0.0347%	SEE SUPERELEVATION DIAGRAM	
101-8	Exst SR 101L Med Cst & PI	1523+95.96	N=972470.510 E=665343.420	Simple	Δ=23°47'09"	D=0°49'54"	R=6889.76	T=1451.01	L=2860.22	Ext=151.14	e=0.028%	SEE SUPERELEVATION DIAGRAM	
101-9	Exst SR 101L Med Cst & PI	1597+33.96	N=972506.323 E=672723.127	Simple	Δ=12°44'27"	D=0°58'13"	R=5905.51	T=659.31	L=1313.19	Ext=36.69	e=0.031%	SEE SUPERELEVATION DIAGRAM	
101-10	Exst SR 101L Med Cst & PI	1619+81.46	N=972020.131 E=674922.980	Simple	Δ=24°39'40"	D=0°58'13"	R=5905.51	T=1290.90	L=2541.83	Ext=139.45	e=0.031%	SEE SUPERELEVATION DIAGRAM	
101-11	Exst SR 101L Med Cst & PI	1643+46.99	N=972528.408 E=677274.177	Simple	Δ=11°55'13"	D=0°58'13"	R=5905.51	T=616.54	L=1228.63	Ext=32.10	e=0.031%	SEE SUPERELEVATION DIAGRAM	
101-12	Exst SR 101L Med Cst & PI	1705+92.49	N=972559.010 E=683580.186	Simple	Δ=29°32'29"	D=1°05'29"	R=5249.34	T=1384.06	L=2706.53	Ext=179.40	e=0.035%	SEE SUPERELEVATION DIAGRAM	
101-13	Exst SR 101L Med Cst & PI	1776+57.07	N=969071.325 E=689804.504	Simple	Δ=15°17'51"	D=0°30'00"	R=11459.16	T=1538.90	L=3059.49	Ext=102.87	e=0.020%	SEE SUPERELEVATION DIAGRAM	
	Exst SR 101L Med Cst & Combined Curve			TOTAL	Δ=76°34'31"		R+o=5730.23	T1=4673.46	Ls=7957.54	Ext=1570.92	T2=4673.46		
10102	Exst SR 101L Med Cst & SPI	1920+99.55	N=965581.420 E=703837.394	Spiral	Δ=1°30'00"	LT=200.01	ST=100.01	t=150.00	Ls=300.00	"o"=0.65			
101-14	Exst SR 101L Med Cst & PI	1964+83.90	N=964412.271 E=708062.992	Simple	Δ=73°34'31"	D=1°00'00"	R=5729.58	T=4284.35	L=7357.54	Ext=1424.70	e=0.029%	SEE SUPERELEVATION DIAGRAM	
10106	Exst SR 101L Med Cst & SPI	2114+14.74	N=960028.527 E=708136.358	Spiral	Δ=1°30'00"	LT=200.01	ST=100.01	t=150.00	Ls=300.00	"o"=0.65			
10003	Exst SR 101L Med Cst & POT	2161+56.43	N=955287.030 E=708091.570										
10510	Exst SR 101L EB Cst & POT	1606+90.55	N=972264.752 E=673654.987										
101-15	Exst SR 101L EB Cst & PI	1621+42.45	N=971951.429 E=675072.669	Simple	Δ=24°39'40"	D=1°07'36"	R=5085.30	T=1111.61	L=2188.79	Ext=120.08	e=0.033%	SEE SUPERELEVATION DIAGRAM	
101-16	Exst SR 101L EB Cst & PI	1646+81.27	N=972495.150 E=677587.824	Simple	Δ=11°55'13"	D=0°35'13"	R=9760.50	T=1019.01	L=2030.66	Ext=53.05	e=0.022%	SEE SUPERELEVATION DIAGRAM	
10517	Exst SR 101L EB Cst & POC	1656+92.92	N=972500.095 E=678606.820										
12011	Exst SR 101L WB Cst & POT	1915+00.00	N=965760.083 E=703264.011										
101-17	Exst SR 101L WB Cst & PI	1925+82.52	N=965498.824 E=704314.534	Simple	Δ=8°51'08"	D=1°13'48"	R=4658.21	T=360.57	L=719.70	Ext=13.93	e=0.035%	SEE SUPERELEVATION DIAGRAM	
101-18	Exst SR 101L WB Cst & PI	1962+45.82	N=964077.611 E=707692.469	Simple	Δ=59°31'17"	D=0°59'29"	R=5778.58	T=3304.17	L=6003.05	Ext=877.96	e=0.029%	SEE SUPERELEVATION DIAGRAM	
101-19	Exst SR 101L WB Cst & PI	1992+65.45	N=960485.052 E=708175.672	Simple	Δ=8°12'06"	D=1°16'51"	R=4473.73	T=320.74	L=640.39	Ext=11.48	e=0.029%	SEE SUPERELEVATION DIAGRAM	
12018	Exst SR 101L WB Cst & POT	2000+63.64	N=959685.800 E=708168.122										
15011	Exst I-17 Med Cst & POT	720+64.08	N=968588.683 E=640087.234										
15012	Exst I-17 Med Cst & POT	773+73.85	N=973886.505 E=640443.166										

CURVE DATA TABLE

APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
				GEOMETRIC DATA SHEET	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L				NOT FOR CONSTRUCTION OR RECORDING DWG NO. C-1.01 OF	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23

PLAN REF NO	P.I./P.O.T. STATION	COORDINATES		All Coordinates Are Ground Coordinates And All Bearings Are Grid Bearings										G.A.F. = 1.00016										
11001	Exst I-17 Ramp 'W-S' Cst & POT	1700+00.00	N=971323.832	E=644205.539																				
XWS-1	Exst I-17 Ramp 'W-S' Cst & PI	1713+20.08	N=971193.932	E=642891.869	Simple	Δ=6°58'45"	D=1°00'00"	R=5729.58	T=349.38	L=697.91	Ext=10.64	e=NC	SEE SUPERELEVATION DIAGRAM											
	Exst I-17 Ramp 'W-S' Cst & Combined Curve				TOTAL	Δ=94°52'35"		R+o=931.79	T1=1114.64	Ls=1739.99	Ext=447.61	T2=1114.64												
11006	Exst I-17 Ramp 'W-S' Cst & SPI	1733+02.79	N=971240.036	E=640908.826	Spiral	Δ=6°09'39"	LT=133.41	ST=66.74	t=99.96	Ls=200.00	"o*=1.79													
XWS-2	Exst I-17 Ramp 'W-S' Cst & PI	1741+85.75	N=971165.694	E=640028.844	Simple	Δ=82°33'17"	D=6°09'39"	R=930.00	T=816.38	L=1339.99	Ext=307.49	e=0.060%#	SEE SUPERELEVATION DIAGRAM											
11010	Exst I-17 Ramp 'W-S' Cst & SPI	1747+76.11	N=970283.498	E=639988.535	Spiral	Δ=6°09'39"	LT=133.41	ST=66.74	t=99.96	Ls=200.00	"o*=1.79													
XWS-3	Exst I-17 Ramp 'W-S' Cst & PI	1759+43.10	N=969118.591	E=640060.696	Simple	Δ=7°23'18"	D=1°00'00"	R=5729.58	T=369.93	L=738.83	Ext=11.93	e=NC	SEE SUPERELEVATION DIAGRAM											
11014	Exst I-17 Ramp 'W-S' Cst & POC	1763+12.00	N=968749.495	E=640035.899																				
11201	Exst I-17 Ramp 'S-E' Cst & POT	2200+05.48	N=974087.831	E=640394.552																				
	Exst I-17 Ramp 'S-E' Cst & Combined Curve				TOTAL	Δ=100°50'49"		R+o=1031.62	T1=1284.92	Ls=1758.97	Ext=541.10	T2=1099.34												
11203	Exst I-17 Ramp 'S-E' Cst & SPI	2221+17.57	N=971995.508	E=640106.316	Spiral	Δ=5°33'46"	LT=133.40	ST=66.73	t=99.97	Ls=200.00	"o*=1.62													
XSE-1	Exst I-17 Ramp 'S-E' Cst & PI	2226+39.33	N=971474.033	E=640085.545	Simple	Δ=47°40'54"	D=5°33'46"	R=1030.00	T=455.16	L=857.17	Ext=96.09	e=0.060%#	SEE SUPERELEVATION DIAGRAM											
XSE-2	Exst I-17 Ramp 'S-E' Cst & PI	2234+13.92	N=970892.839	E=640674.927	Simple	Δ=47°36'09"	D=6°46'59"	R=844.70	T=372.58	L=701.80	Ext=78.52	e=0.060%#	SEE SUPERELEVATION DIAGRAM											
XSE-3	Exst I-17 Ramp 'S-E' Cst & PI	2245+90.83	N=970956.774	E=641893.524	Simple	Δ=3°05'24"	D=0°45'00"	R=7639.44	T=206.05	L=412.00	Ext=2.78	e=NC	SEE SUPERELEVATION DIAGRAM											
XSE-4	Exst I-17 Ramp 'S-E' Cst & PI	2257+16.84	N=970955.070	E=643019.634	Simple	Δ=10°52'47"	D=1°30'00"	R=3819.72	T=363.75	L=725.31	Ext=17.28	e=0.030%#	SEE SUPERELEVATION DIAGRAM											
11215	Exst I-17 Ramp 'S-E' Cst & POT	2266+80.69	N=971135.972	E=643968.584																				
13031	Exst EB Frontage Rd Cst & POT	2758+42.00	N=970737.182	E=639073.677																				
XEB-1	Exst EB Frontage Rd Cst & PI	2765+40.43	N=970701.492	E=639771.197	Simple	Δ=12°08'41"	D=3°50'00"	R=1494.67	T=159.01	L=316.82	Ext=8.43	e=0.061%#	SEE SUPERELEVATION DIAGRAM											
XEB-2	Exst EB Frontage Rd Cst & PI	2775+07.45	N=970856.552	E=640726.911	Simple	Δ=13°18'54"	D=7°30'00"	R=763.94	T=89.17	L=177.53	Ext=5.19	e=0.080%#	SEE SUPERELEVATION DIAGRAM											
XEB-3	Exst EB Frontage Rd Cst & PI	2779+83.64	N=970822.454	E=641202.687	Simple	Δ=8°41'59"	D=5°00'00"	R=1145.92	T=87.16	L=173.99	Ext=3.31	e=0.071%#	SEE SUPERELEVATION DIAGRAM											
XEB-4	Exst EB Frontage Rd Cst & PI	893+06.69	N=970887.514	E=642011.247	Simple	Δ=6°09'09"	D=3°30'00"	R=1637.02	T=87.98	L=175.79	Ext=2.36	e=0.048%#	SEE SUPERELEVATION DIAGRAM											
XEB-5	Exst EB Frontage Rd Cst & PI	899+83.33	N=970869.181	E=642687.800	Simple	Δ=5°48'10"	D=3°30'00"	R=1637.02	T=82.97	L=165.79	Ext=2.10	e=0.048%#	SEE SUPERELEVATION DIAGRAM											
XEB-6	Exst EB Frontage Rd Cst & PI	908+40.51	N=970932.723	E=643542.762	Simple	Δ=6°33'49"	D=0°30'00"	R=11459.16	T=657.08	L=1312.72	Ext=18.82	e=NC	SEE SUPERELEVATION DIAGRAM											
XEB-7	Exst EB Frontage Rd Cst & PI	922+54.78	N=971198.343	E=644933.332	Simple	Δ=11°04'16"	D=6°44'26"	R=850.00	T=82.38	L=164.24	Ext=3.98	e=0.060%#	SEE SUPERELEVATION DIAGRAM											
XEB-8	Exst EB Frontage Rd Cst & PI	1337+70.89	N=971189.018	E=647012.705	Simple	Δ=9°22'15"	D=1°09'51"	R=4921.26	T=403.34	L=804.88	Ext=16.50	e=NC	SEE SUPERELEVATION DIAGRAM											
XEB-9	Exst EB Frontage Rd Cst & PI	1364+08.98	N=970747.504	E=649615.409	Simple	Δ=16°27'24"	D=0°58'13"	R=5905.51	T=853.98	L=1696.20	Ext=61.43	e=NC	SEE SUPERELEVATION DIAGRAM											
XEB-10	Exst EB Frontage Rd Cst & PI	1378+91.50	N=970925.181	E=651099.087	Simple	Δ=6°43'17"	D=0°58'13"	R=5905.51	T=346.79	L=692.79	Ext=10.17	e=0.020%#	SEE SUPERELEVATION DIAGRAM											
XEB-11	Exst EB Frontage Rd Cst & PI	1396+23.16	N=970928.430	E=652831.537	Simple	Δ=2°26'45"	D=0°21'50"	R=15748.03	T=336.19	L=672.27	Ext=3.59	e=NC	SEE SUPERELEVATION DIAGRAM											
XEB-12	Exst EB Frontage Rd Cst & PI	1413+62.68	N=970857.449	E=654569.709	Simple	Δ=6°59'37"	D=0°26'12"	R=13123.36	T=801.91	L=1601.83	Ext=24.48	e=NC	SEE SUPERELEVATION DIAGRAM											
XEB-13	Exst EB Frontage Rd Cst & PI	1426+57.34	N=970962.681	E=655862.089	Simple	Δ=1°49'11"	D=0°17'28"	R=19685.04	T=312.65	L=625.24	Ext=2.48	e=0.020%#	SEE SUPERELEVATION DIAGRAM											
XEB-14	Exst EB Frontage Rd Cst & PI	1442+31.58	N=971040.550	E=657434.454	Simple	Δ=6°34'34"	D=0°58'13"	R=5905.51	T=339.28	L=677.82	Ext=9.74	e=0.020%#	SEE SUPERELEVATION DIAGRAM											
XEB-15	Exst EB Frontage Rd Cst & PI	1453+47.11	N=970967.716	E=658548.346	Simple	Δ=3°14'29"	D=0°20'57"	R=16404.20	T=464.15	L=928.05	Ext=6.57	e=0.020%#	SEE SUPERELEVATION DIAGRAM											
13020	Exst EB Frontage Rd Cst & PI	1467+93.40	N=970955.099	E=659995.191																				
XEB-16	Exst EB Frontage Rd Cst & PI	1489+58.19	N=970964.558	E=662159.958	Simple	Δ=22°36'34"	D=1°35'15"	R=3608.92	T=721.45	L=1424.12	Ext=71.40	e=0.020%#	SEE SUPERELEVATION DIAGRAM											
XEB-17	Exst EB Frontage Rd Cst & PI	1502+65.48	N=971479.705	E=663381.871	Simple	Δ=4°08'00"	D=0°29'56"	R=11482.94	T=414.38	L=828.40	Ext=7.47	e=NC	SEE SUPERELEVATION DIAGRAM											
XEB-18	Exst EB Frontage Rd Cst & PI	1509+64.61	N=971702.962	E=664040.455	Simple	Δ=5°26'56"	D=0°58'13"	R=5905.51	T=281.02	L=561.61	Ext=6.68	e=NC	SEE SUPERELEVATION DIAGRAM											

CURVE DATA TABLE

APPENDIX H

DESIGN	GJJ	NAME	DATE	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN	WBE		04-16		
CHECKED	SDW		04-16		
<small>TRANSPORTATION</small> <small>AECOM TECHNICAL SERVICES, Inc.</small> <small>2555 E. Camelback Rd, Suite 200</small> <small>Phoenix, Arizona 85016</small> <small>T: 602.337.2700</small> <small>www.aecom.com</small>				<b>AECOM</b> GEOMETRIC DATA SHEET	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L				NOT FOR CONSTRUCTION OR RECORDING DWG NO. C-1.02 OF	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23

PLAN REF NO		P.I./P.O.T. STATION	COORDINATES		All Coordinates Are Ground Coordinates And All Bearings Are Grid Bearings								G.A.F. = 1.00016
XEB-19	Exst EB Frontage Rd Cst & PI	1516+74.41	N=971993.820	E=664688.393	Simple	Δ=9°58'08"	D=1°09'51"	R=4921.26	T=429.21	L=856.25	Ext=18.68	e=NC	SEE SUPERELEVATION DIAGRAM
13025	Exst EB Frontage Rd Cst & POT	1523+34.75	N=972156.409	E=665330.642									
14031	Exst WB Frontage Rd Cst & POT	2457+77.74	N=971416.073	E=639069.983									
XWB-1	Exst WB Frontage Rd Cst & PI	2465+16.16	N=971489.119	E=639804.783	Simple	Δ=11°19'49"	D=2°00'00"	R=2864.79	T=284.18	L=566.51	Ext=14.06	e=0.035%/ft	SEE SUPERELEVATION DIAGRAM
XWB-2	Exst WB Frontage Rd Cst & PI	796+79.33	N=971250.264	E=642217.785	Simple	Δ=6°16'19"	D=4°00'00"	R=1432.39	T=78.48	L=156.80	Ext=2.15	e=0.051%/ft	SEE SUPERELEVATION DIAGRAM
XWB-3	Exst WB Frontage Rd Cst & PI	805+50.71	N=971259.677	E=643089.268	Simple	Δ=12°57'51"	D=2°00'00"	R=2864.79	T=325.49	L=648.20	Ext=18.43	e=0.035%/ft	SEE SUPERELEVATION DIAGRAM
XWB-4	Exst WB Frontage Rd Cst & PI	812+85.82	N=971432.973	E=643806.521	Simple	Δ=7°42'39"	D=3°00'00"	R=1909.86	T=128.71	L=257.03	Ext=4.33	e=0.044%/ft	SEE SUPERELEVATION DIAGRAM
XWB-5	Exst WB Frontage Rd Cst & PI	827+33.20	N=971581.089	E=645246.686	Simple	Δ=10°31'39"	D=3°00'56"	R=1900.00	T=175.04	L=349.10	Ext=8.05	e=0.044%/ft	SEE SUPERELEVATION DIAGRAM
XWB-6	Exst WB Frontage Rd Cst & PI	1336+40.55	N=971447.923	E=646881.999	Simple	Δ=1°59'56"	D=0°14'58"	R=22965.88	T=400.63	L=801.18	Ext=3.49	e=0.020%/ft	SEE SUPERELEVATION DIAGRAM
XWB-7	Exst WB Frontage Rd Cst & PI	1357+35.60	N=971205.145	E=648963.015	Simple	Δ=6°50'46"	D=0°58'13"	R=5905.51	T=353.24	L=705.63	Ext=10.56	e=0.021%/ft	SEE SUPERELEVATION DIAGRAM
XWB-8	Exst WB Frontage Rd Cst & PI	1394+98.78	N=971217.750	E=652727.014	Simple	Δ=3°39'27"	D=0°34'56"	R=9842.52	T=314.26	L=628.30	Ext=5.02	e=NC	SEE SUPERELEVATION DIAGRAM
XWB-9	Exst WB Frontage Rd Cst & PI	1404+04.48	N=971278.567	E=653630.879	Simple	Δ=3°27'09"	D=0°32'45"	R=10498.69	T=316.41	L=632.62	Ext=4.77	e=NC	SEE SUPERELEVATION DIAGRAM
14059	Exst WB Frontage Rd Cst & PI	1427+94.49	N=971295.123	E=656021.026									
XWB-10	Exst WB Frontage Rd Cst & PI	1492+51.03	N=971295.041	E=662477.561	Simple	Δ=26°46'05"	D=1°35'15"	R=3608.92	T=858.71	L=1686.06	Ext=100.75	e=0.021%/ft	SEE SUPERELEVATION DIAGRAM
XWB-11	Exst WB Frontage Rd Cst & PI	1511+89.12	N=972182.020	E=664235.963	Simple	Δ=12°45'21"	D=1°56'26"	R=2952.76	T=330.05	L=657.38	Ext=18.39	e=0.024%/ft	SEE SUPERELEVATION DIAGRAM
14066	Exst WB Frontage Rd Cst & POT	1523+10.91	N=972454.287	E=665327.026									
14511	Exst WB Frontage Rd Cst & POT	19+96.10	N=967383.811	E=697472.972									
XWB-12	Exst WB Frontage Rd Cst & PI	26+03.82	N=967196.360	E=698051.060	Simple	Δ=2°30'36"	D=0°34'23"	R=10000.00	T=219.08	L=438.09	Ext=2.40	e=NC	SEE SUPERELEVATION DIAGRAM
XWB-13	Exst WB Frontage Rd Cst & PI	37+38.36	N=966893.994	E=699144.635	Simple	Δ=1°29'24"	D=0°21'29"	R=16000.00	T=208.04	L=416.06	Ext=1.35	e=NC	SEE SUPERELEVATION DIAGRAM
XWB-14	Exst WB Frontage Rd Cst & PI	61+77.62	N=966305.288	E=701511.816	Simple	Δ=4°45'11"	D=1°25'57"	R=4000.00	T=166.01	L=331.82	Ext=3.44	e=NC	SEE SUPERELEVATION DIAGRAM
XWB-15	Exst WB Frontage Rd Cst & PI	67+50.29	N=966213.573	E=702077.282	Simple	Δ=3°49'16"	D=1°54'35"	R=3000.00	T=100.07	L=200.07	Ext=1.67	e=NC	SEE SUPERELEVATION DIAGRAM
32611	Exst WB Frontage Rd Cst & POT	74+46.49	N=966056.543	E=702755.622									
16002	Exst 23rd Ave Cst & POT	14+00.00	N=971654.932	E=641710.779									
16001	Exst 23rd Ave Cst & POT	26+00.00	N=970454.942	E=641715.750									
17004	Exst 19th Ave Cst & POT	14+59.73	N=971830.836	E=644370.205									
17000	Exst 19th Ave Cst & PI	20+59.73	N=971230.836	E=644371.202									
17003	Exst 19th Ave Cst & POT	26+59.73	N=970630.841	E=644373.540									
17601	Exst 19th Ave Ramp 'C' Cst & POC	0+00.00	N=971499.700	E=644570.768									
X19C1	Exst 19th Ave Ramp 'C' Cst & PI	5+58.82	N=971556.871	E=645126.652	Simple	Δ=11°08'12"	D=0°59'59"	R=5731.86	T=558.82	L=1114.11	Ext=27.18	e=NC	SEE SUPERELEVATION DIAGRAM
17604	Exst 19th Ave Ramp 'C' Cst & POT	20+02.99	N=971424.035	E=646568.244									

CURVE DATA TABLE

APPENDIX H

DESIGN		NAME		DATE		ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN		WBE		04-16			
CHECKED		SDW		04-16			
TRANSPORTATION				AECOM		GEOMETRIC DATA SHEET	
AECOM TECHNICAL SERVICES, Inc. 2555 E. Camelback Rd, Suite 200 Phoenix, Arizona 85016 T: 602.337.2700				www.aecom.com		NOT FOR CONSTRUCTION OR RECORDING	
ROUTE		LOCATION		SR 101L		1-17 - PRINCESS DRIVE	
TRACS NO. H8297 01L						DWG NO. C-1.03	
						OF	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23

PLAN REF NO		P.I./P.O.T. STATION	COORDINATES		All Coordinates Are Ground Coordinates And All Bearings Are Grid Bearings								G.A.F. = 1.00016	
17801	Exst 19th Ave Ramp 'D' Cst & POC	0+00.00	N=971194.488	E=644850.201										
X19D1	Exst 19th Ave Ramp 'D' Cst & PI	0+43.28	N=971202.609	E=644892.715	Simple	Δ=5°45'01"	D=6°38'54"	R=861.81	T=43.28	L=86.49	Ext=1.09	e=NC	SEE SUPERELEVATION DIAGRAM	
X19D2	Exst 19th Ave Ramp 'D' Cst & PI	14+52.17	N=971326.970	E=646296.174	Simple	Δ=12°43'11"	D=0°59'59"	R=5731.00	T=638.77	L=1272.29	Ext=35.49	e=0.023/ft	SEE SUPERELEVATION DIAGRAM	
17805	Exst 19th Ave Ramp 'D' Cst & POC	20+85.69	N=971241.870	E=646929.251										
18003	Exst 15th Ave Cst & POT	17+28.58	N=971587.648	E=646902.000										
18000	Exst 15th Ave Cst & PI	20+96.68	N=971219.544	E=646902.739										
18004	Exst 15th Ave Cst & POT	22+78.47	N=971037.756	E=646902.681										
19003	Exst 7th Ave Cst & POT	16+00.21	N=971409.711	E=649536.881										
19000	Exst 7th Ave Cst & PI	18+01.99	N=971207.936	E=649537.273										
19004	Exst 7th Ave Cst & POT	26+56.39	N=970353.538	E=649538.133										
19201	Exst 7th Ave Ramp 'A' Cst & POC	0+00.00	N=971342.357	E=647235.715										
X7AA1	Exst 7th Ave Ramp 'A' Cst & PI	2+84.88	N=971304.405	E=647518.054	Simple	Δ=1°54'48"	D=0°20'09"	R=17060.37	T=284.88	L=569.70	Ext=2.38	e=NC	SEE SUPERELEVATION DIAGRAM	
X7AA2	Exst 7th Ave Ramp 'A' Cst & PI	16+51.47	N=971167.658	E=648877.835	Simple	Δ=10°26'04"	D=1°09'51"	R=4921.26	T=449.37	L=896.25	Ext=20.47	e=NC	SEE SUPERELEVATION DIAGRAM	
19208	Exst 7th Ave Ramp 'A' Cst & POT	21+23.14	N=971206.443	E=649350.409										
19401	Exst 7th Ave Ramp 'B' Cst & POC	0+19.11	N=971192.021	E=647300.089										
X7AB1	Exst 7th Ave Ramp 'B' Cst & PI	1+90.96	N=971169.127	E=647470.405	Simple	Δ=3°20'01"	D=0°58'13"	R=5905.51	T=171.85	L=343.60	Ext=2.50	e=NC	SEE SUPERELEVATION DIAGRAM	
X7AB2	Exst 7th Ave Ramp 'B' Cst & PI	18+95.83	N=970844.109	E=649144.100	Simple	Δ=7°49'07"	D=1°20'36"	R=4265.09	T=291.46	L=582.01	Ext=9.95	e=NC	SEE SUPERELEVATION DIAGRAM	
19406	Exst 7th Ave Ramp 'B' Cst & POC	21+86.38	N=970827.987	E=649435.109										
19601	Exst 7th Ave Ramp 'C' Cst & POC	0+00.00	N=971195.877	E=649722.346										
X7AC1	Exst 7th Ave Ramp 'C' Cst & PI	3+70.44	N=971197.118	E=650092.785	Simple	Δ=2°35'14"	D=0°20'57"	R=16404.20	T=370.44	L=740.76	Ext=4.18	e=NC	SEE SUPERELEVATION DIAGRAM	
X7AC2	Exst 7th Ave Ramp 'C' Cst & PI	16+89.58	N=971141.978	E=651410.895	Simple	Δ=2°57'09"	D=0°41'55"	R=8202.10	T=211.39	L=422.68	Ext=2.72	e=NC	SEE SUPERELEVATION DIAGRAM	
19607	Exst 7th Ave Ramp 'C' Cst & POT	19+48.55	N=971144.498	E=651669.943										
19801	Exst 7th Ave Ramp 'D' Cst & POC	0+00.00	N=970807.151	E=649762.373										
X7AD1	Exst 7th Ave Ramp 'D' Cst & PI	2+04.97	N=970823.275	E=649966.705	Simple	Δ=3°58'32"	D=0°58'13"	R=5905.51	T=204.97	L=409.77	Ext=3.56	e=NC	SEE SUPERELEVATION DIAGRAM	
X7AD2	Exst 7th Ave Ramp 'D' Cst & PI	13+88.38	N=970997.967	E=651137.324	Simple	Δ=7°48'24"	D=0°58'13"	R=5905.51	T=402.94	L=804.63	Ext=13.73	e=NC	SEE SUPERELEVATION DIAGRAM	
19806	Exst 7th Ave Ramp 'D' Cst & POC	17+90.08	N=971002.756	E=651540.234										
28003	Exst 7th Street Cst & POT	10+00.00	N=972110.539	E=654798.850										
28000	Exst 7th Street Cst & PI	18+64.88	N=971245.656	E=654798.808										
28004	Exst 7th Street Cst & POT	28+64.88	N=970245.658	E=654800.988										

CURVE DATA TABLE

APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
<small>TRANSPORTATION</small> <small>AECOM TECHNICAL SERVICES, Inc.</small> <small>2555 E. Camelback Rd, Suite 200</small> <small>Phoenix, Arizona 85016</small> <small>T 602.937.2700</small> <small>www.aecom.com</small>				<b>AECOM</b> GEOMETRIC DATA SHEET	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L				NOT FOR CONSTRUCTION OR RECORDING DWG NO. C-1.04 OF	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23

PLAN REF NO		P.I./P.O.T. STATION	COORDINATES		All Coordinates Are Ground Coordinates And All Bearings Are Grid Bearings								G.A.F. = 1.00016
28201	Exst 7th Street Ramp 'A' Cst & POC	0+00.00	N=971153.441	E=652589.451									
X7SA1	Exst 7th Street Ramp 'A' Cst & PI	2+23.75	N=971155.617	E=652813.192	Simple	Δ=4°20'23"	D=0°58'13"	R=5905.51	T=223.75	L=447.29	Ext=4.24	e=NC	SEE SUPERELEVATION DIAGRAM
28204	Exst 7th Street Ramp 'A' Cst & POT	17+18.38	N=971283.220	E=654302.575									
28401	Exst 7th Street Ramp 'B' Cst & POC	0+00.00	N=971012.378	E=652524.045									
X7SB1	Exst 7th Street Ramp 'B' Cst & PI	2+97.40	N=971015.270	E=652821.428	Simple	Δ=5°45'57"	D=0°58'13"	R=5905.51	T=297.40	L=594.29	Ext=7.48	e=NC	SEE SUPERELEVATION DIAGRAM
X7SB2	Exst 7th Street Ramp 'B' Cst & PI	17+06.71	N=970887.283	E=654225.419	Simple	Δ=6°16'53"	D=0°58'13"	R=5905.51	T=324.04	L=647.43	Ext=8.88	e=NC	SEE SUPERELEVATION DIAGRAM
28406	Exst 7th Street Ramp 'B' Cst & POC	20+30.10	N=970893.349	E=654549.400									
28601	Exst 7th Street Ramp 'C' Cst & POC	0+00.00	N=971278.840	E=655375.541									
X7SC1	Exst 7th Street Ramp 'C' Cst & PI	1+82.04	N=971280.101	E=655557.574	Simple	Δ=3°10'42"	D=0°52'23"	R=6561.68	T=182.04	L=363.98	Ext=2.52	e=NC	SEE SUPERELEVATION DIAGRAM
28604	Exst 7th Street Ramp 'C' Cst & POT	15+43.75	N=971214.019	E=656917.771									
28801	Exst 7th Street Ramp 'D' Cst & POC	0+00.00	N=970897.026	E=655004.979									
X7SD1	Exst 7th Street Ramp 'D' Cst & PI	1+16.24	N=970911.450	E=655120.323	Simple	Δ=2°01'47"	D=0°52'23"	R=6561.98	T=116.24	L=232.46	Ext=1.03	e=NC	SEE SUPERELEVATION DIAGRAM
X7SD2	Exst 7th Street Ramp 'D' Cst & PI	8+51.21	N=971028.425	E=655845.945	Simple	Δ=6°47'36"	D=0°52'23"	R=6561.98	T=389.47	L=778.03	Ext=11.55	e=NC	SEE SUPERELEVATION DIAGRAM
28807	Exst 7th Street Ramp 'D' Cst & POT	17+94.78	N=971067.390	E=656789.627									
4545	Exst 16th Street Cst & POT	7+89.81	N=973919.452	E=659987.313									
4537	Exst 16th Street Cst & PI	18+44.34	N=971285.316	E=659995.124									
4529	Exst 16th Street Cst & POT	44+86.13	N=968643.520	E=659995.661									
29001	Exst Cave Creek Rd Cst & POT	10+00.00	N=973312.492	E=665316.608									
4535	Exst Cave Creek Rd Cst & POT	29+89.90	N=971322.734	E=665340.762									
29201	Exst Cave Creek Rd Ramp 'A' Cst & POC	0+00.00	N=971732.159	E=663480.413									
XCCA1	Exst Cave Creek Rd Ramp 'A' Cst & PI	1+56.78	N=971798.934	E=663622.257	Simple	Δ=2°29'19"	D=0°47'38"	R=7217.85	T=156.78	L=313.50	Ext=1.70	e=NC	SEE SUPERELEVATION DIAGRAM
XCCA2	Exst Cave Creek Rd Ramp 'A' Cst & PI	10+49.70	N=972214.002	E=664412.904	Simple	Δ=13°41'12"	D=1°12'16"	R=4757.22	T=570.91	L=1136.39	Ext=34.13	e=0.024%	SEE SUPERELEVATION DIAGRAM
29206	Exst Cave Creek Rd Ramp 'A' Cst & POC	16+15.18	N=972352.230	E=664966.829									
29221	Exst Cave Creek Rd Ramp 'A' SPUI Cst & POC	0+00.00	N=972235.885	E=665343.950									
XCCA3	Exst Cave Creek Rd Ramp 'A' SPUI Cst & PI	2+23.99	N=972459.861	E=665341.231	Simple	Δ=103°18'58"	D=32°20'25"	R=177.17	T=223.99	L=319.47	Ext=108.42	e=NC	SEE SUPERELEVATION DIAGRAM
29223	Exst Cave Creek Rd Ramp 'A' SPUI Cst & POC	3+19.47	N=972405.628	E=665123.902									
29401	Exst Cave Creek Rd Ramp 'B' Cst & POT	0+00.00	N=971499.236	E=663311.307									
XCCB1	Exst Cave Creek Rd Ramp 'B' Cst & PI	15+02.27	N=972014.613	E=664722.403	Simple	Δ=5°51'27"	D=0°52'23"	R=6561.68	T=335.70	L=670.82	Ext=8.58	e=NC	SEE SUPERELEVATION DIAGRAM
29405	Exst Cave Creek Rd Ramp 'B' Cst & POT	18+92.82	N=972110.604	E=665101.578									

CURVE DATA TABLE

APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
<small>TRANSPORTATION</small> <small>AECOM TECHNICAL SERVICES, Inc.</small> <small>2555 E. Camelback Rd, Suite 200</small> <small>Phoenix, Arizona 85016</small> <small>T 602.337.2700</small> <small>www.aecom.com</small>				<b>AECOM</b> GEOMETRIC DATA SHEET	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L				NOT FOR CONSTRUCTION OR RECORDING DWG NO. C-1.05 OF	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23

PLAN REF NO		P.I./P.O.T. STATION	COORDINATES		All Coordinates Are Ground Coordinates And All Bearings Are Grid Bearings								G.A.F. = 1.00016
29421	Exst Cave Creek Rd Ramp 'B' SPUI Cst & POC	0+00.00	N=972114.045	E=665123.192									
XCCB2	Exst Cave Creek Rd Ramp 'B' SPUI Cst & PI	1+18.52	N=972143.131	E=665238.085	Simple	Δ=47°02'25"	D=21°02'26"	R=272.31	T=118.52	L=223.57	Ext=24.67	e=NC	SEE SUPERELEVATION DIAGRAM
XCCB3	Exst Cave Creek Rd Ramp 'B' SPUI Cst & PI	3+66.70	N=972372.514	E=665363.946	Simple	Δ=29°26'56"	D=10°31'13"	R=544.62	T=143.13	L=279.92	Ext=18.49	e=NC	SEE SUPERELEVATION DIAGRAM
29425	Exst Cave Creek Rd Ramp 'B' SPUI Cst & POC	5+03.49	N=972515.630	E=665362.209									
14066	Exst Cave Creek Rd Ramp 'C' Cst & POT	0+00.00	N=972454.287	E=665327.026									
XCCC1	Exst Cave Creek Rd Ramp 'C' Cst & PI	6+85.56	N=972620.273	E=665992.184	Simple	Δ=17°44'01"	D=1°27'19"	R=3937.01	T=614.18	L=1218.54	Ext=47.62	e=0.027%	SEE SUPERELEVATION DIAGRAM
29604	Exst Cave Creek Rd Ramp 'C' Cst & POT	19+40.33	N=972538.182	E=667254.116									
29621	Exst Cave Creek Rd Ramp 'C' SPUI Cst & POC	0+00.00	N=972490.737	E=665522.203									
XCCC2	Exst Cave Creek Rd Ramp 'C' SPUI Cst & PI	1+04.26	N=972468.773	E=665420.279	Simple	Δ=46°28'57"	D=23°35'59"	R=242.78	T=104.26	L=196.96	Ext=21.44	e=NC	SEE SUPERELEVATION DIAGRAM
XCCC3	Exst Cave Creek Rd Ramp 'C' SPUI Cst & PI	3+36.43	N=972260.636	E=665293.449	Simple	Δ=32°03'07"	D=11°47'59"	R=485.56	T=139.47	L=271.63	Ext=19.63	e=NC	SEE SUPERELEVATION DIAGRAM
29625	Exst Cave Creek Rd Ramp 'C' SPUI Cst & POC	4+68.59	N=972121.175	E=665295.141									
13025	Exst Cave Creek Rd Ramp 'D' Cst & POT	0+00.00	N=972156.409	E=665330.642									
XCCD1	Exst Cave Creek Rd Ramp 'D' Cst & PI	8+88.44	N=972374.462	E=666191.906	Simple	Δ=12°47'01"	D=0°52'23"	R=6561.68	T=735.07	L=1464.03	Ext=41.04	e=NC	SEE SUPERELEVATION DIAGRAM
29803	Exst Cave Creek Rd Ramp 'D' Cst & POC	16+17.40	N=972392.727	E=666926.744									
29821	Exst Cave Creek Rd Ramp 'D' SPUI Cst & POC	0+00.00	N=972396.129	E=665313.459									
XCCD2	Exst Cave Creek Rd Ramp 'D' SPUI Cst & PI	2+54.71	N=972141.441	E=665316.551	Simple	Δ=102°46'38"	D=28°10'02"	R=203.41	T=254.71	L=364.88	Ext=122.55	e=NC	SEE SUPERELEVATION DIAGRAM
29823	Exst Cave Creek Rd Ramp 'D' SPUI Cst & POC	3+64.88	N=972200.783	E=665564.247									
4547	Exst 32nd Street Cst & POT	4+95.09	N=974000.799	E=670570.062									
4533	Exst 32nd Street Cst & POT	31+40.90	N=971354.997	E=670577.451									
21001	Exst SR51 Ramp 'E-S' Cst & POC	0+00.00	N=969507.208	E=674744.492									
XES-1	Exst SR51 Ramp 'E-S' Cst & PI	2+50.09	N=969756.216	E=674721.268	Simple	Δ=3°45'00"	D=0°45'00"	R=7639.44	T=250.09	L=500.00	Ext=4.09	e=NC	SEE SUPERELEVATION DIAGRAM
XES-2	Exst SR51 Ramp 'E-S' Cst & PI	24+38.44	N=971917.332	E=674375.956	Simple	Δ=63°39'34"	D=3°30'00"	R=1637.02	T=1016.17	L=1818.84	Ext=289.75	e=0.054%	SEE SUPERELEVATION DIAGRAM
XES-3	Exst SR51 Ramp 'E-S' Cst & PI	37+70.06	N=972375.842	E=672900.434	Simple	Δ=8°00'02"	D=1°27'19"	R=3937.01	T=275.32	L=549.74	Ext=9.61	e=0.031%	SEE SUPERELEVATION DIAGRAM
21009	Exst SR51 Ramp 'E-S' Cst & POC	40+44.48	N=972420.154	E=672628.705									
22001	Exst SR51 Ramp 'N-E' Cst & POT	0+00.00	N=970007.693	E=674919.818									
XNE-1	Exst SR51 Ramp 'N-E' Cst & PI	18+55.09	N=971855.531	E=675083.678	Simple	Δ=71°27'33"	D=5°00'00"	R=1145.92	T=824.32	L=1429.18	Ext=265.69	e=0.060%	SEE SUPERELEVATION DIAGRAM
XNE-2	Exst SR51 Ramp 'N-E' Cst & PI	38+07.05	N=972361.457	E=677195.339	Simple	Δ=6°58'11"	D=0°58'13"	R=5905.51	T=359.62	L=718.36	Ext=10.94	e=0.031%	SEE SUPERELEVATION DIAGRAM
22007	Exst SR51 Ramp 'N-E' Cst & POC	41+65.79	N=972402.191	E=677552.650									

CURVE DATA TABLE

APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2555 E. Camelback Rd, Suite 200 Phoenix, Arizona 85016 T: 602.933.2700 www.aecom.com				GEOMETRIC DATA SHEET	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L				NOT FOR CONSTRUCTION OR RECORDING DWG NO. C-1.06 OF	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23

PLAN REF NO	P.I./P.O.T. STATION	COORDINATES		All Coordinates Are Ground Coordinates And All Bearings Are Grid Bearings									G.A.F. = 1.00016
23001	Exst SR51 Ramp 'N-W' Cst & POT	0+00.00	N=969308.261 E=674882.781										
XNW-1	Exst SR51 Ramp 'N-W' Cst & PI	32+77.88	N=972585.568 E=674943.851	Simple	Δ=91°18'51"	D=3°15'00"	R=1762.95	T=1803.85	L=2809.66	Ext=759.33	e=0.052%	SEE SUPERELEVATION DIAGRAM	
23014	Exst SR51 Ramp 'N-W' Cst & POT	53+59.69	N=972573.177 E=672064.030										
24001	Exst SR51 Ramp 'W-S' Cst & POC	0+00.00	N=968459.713 E=674796.956										
XWS-5	Exst SR51 Ramp 'W-S' Cst & PI	6+50.70	N=969110.298 E=674809.079	Simple	Δ=6°30'00"	D=0°30'00"	R=11459.16	T=650.70	L=1300.00	Ext=18.46	e=NC	SEE SUPERELEVATION DIAGRAM	
XWS-6	Exst SR51 Ramp 'W-S' Cst & PI	39+17.26	N=972363.580 E=674499.694	Simple	Δ=90°59'09"	D=3°15'00"	R=1762.95	T=1793.55	L=2799.57	Ext=751.97	e=0.052%	SEE SUPERELEVATION DIAGRAM	
XWS-7	Exst SR51 Ramp 'W-S' Cst & PI	59+41.53	N=972581.576 E=677303.025	Simple	Δ=5°00'01"	D=0°58'13"	R=5905.51	T=257.86	L=515.39	Ext=5.63	e=0.031%	SEE SUPERELEVATION DIAGRAM	
24009	Exst SR51 Ramp 'W-S' Cst & POC	61+99.06	N=972579.084 E=677560.872										
25001	Exst SR51 Ramp 'HOV' Cst & POC	0+00.00	N=968759.009 E=674837.540										
XHOV1	Exst SR51 Ramp 'HOV' Cst & PI	6+88.33	N=969447.216 E=674850.364	Simple	Δ=6°52'30"	D=0°30'00"	R=11459.16	T=688.33	L=1375.00	Ext=20.65	e=NC	SEE SUPERELEVATION DIAGRAM	
XHOV2	Exst SR51 Ramp 'HOV' Cst & PI	31+69.58	N=971917.383 E=674599.129	Simple	Δ=83°36'33"	D=3°45'00"	R=1527.89	T=1366.31	L=2229.58	Ext=521.80	e=0.055%	SEE SUPERELEVATION DIAGRAM	
XHOV3	Exst SR51 Ramp 'HOV' Cst & PI	49+53.94	N=972400.702 E=676834.878	Simple	Δ=3°07'27"	D=0°58'32"	R=5873.51	T=160.18	L=320.28	Ext=2.18	e=0.031%	SEE SUPERELEVATION DIAGRAM	
XHOV4	Exst SR51 Ramp 'HOV' Cst & PI	57+75.04	N=972530.211 E=677645.781	Simple	Δ=8°47'46"	D=0°40'00"	R=8594.37	T=661.00	L=1319.40	Ext=25.38	e=NC	SEE SUPERELEVATION DIAGRAM	
25010	Exst SR51 Ramp 'HOV' Cst & POC	64+33.44	N=972533.419 E=678306.774										
3054	Exst Tatum Blvd Cst & POT	5+46.68	N=974002.868 E=681631.528										
3050	Exst Tatum Blvd Cst & POT	31+87.42	N=971362.127 E=681630.559										
36211	Exst Tatum Blvd Ramp 'A' Cst & POT	0+00.00	N=972610.168 E=679653.987										
XTA-1	Exst Tatum Blvd Ramp 'A' Cst & PI	1+63.94	N=972610.963 E=679817.927	Simple	Δ=2°45'18"	D=0°52'23"	R=6561.68	T=157.78	L=315.50	Ext=1.90	e=NC	SEE SUPERELEVATION DIAGRAM	
36216	Exst Tatum Blvd Ramp 'A' Cst & POT	19+79.55	N=972707.031 E=681631.052										
36223	Exst Tatum Blvd Ramp 'AA' Cst & POC	0+00.00	N=972438.169 E=681651.784										
XTA-2	Exst Tatum Blvd Ramp 'AA' Cst & PI	2+83.76	N=972721.934 E=681651.888	Simple	Δ=93°03'14"	D=21°17'50"	R=269.03	T=283.76	L=436.93	Ext=121.99	e=NC	SEE SUPERELEVATION DIAGRAM	
36221	Exst Tatum Blvd Ramp 'AA' Cst & POC	4+36.93	N=972706.920 E=681368.521										
36411	Exst Tatum Blvd Ramp 'B' Cst & POT	0+00.00	N=972470.068 E=679720.288										
36412	Exst Tatum Blvd Ramp 'B' Cst & POT	19+14.67	N=972345.781 E=681630.920										
36421	Exst Tatum Blvd Ramp 'BB' Cst & POC	0+00.00	N=972361.157 E=681364.227										
XTB-1	Exst Tatum Blvd Ramp 'BB' Cst & PI	1+11.59	N=972353.913 E=681475.586	Simple	Δ=51°11'43"	D=24°35'49"	R=232.94	T=111.59	L=208.14	Ext=25.35	e=NC	SEE SUPERELEVATION DIAGRAM	
XTB-2	Exst Tatum Blvd Ramp 'BB' Cst & PI	3+89.33	N=972569.689 E=681673.492	Simple	Δ=42°30'20"	D=12°17'54"	R=465.88	T=181.20	L=345.62	Ext=34.00	e=NC	SEE SUPERELEVATION DIAGRAM	
36425	Exst Tatum Blvd Ramp 'BB' Cst & POC	5+53.76	N=972750.885 E=681673.559										

CURVE DATA TABLE

APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION			AECOM		
AECOM TECHNICAL SERVICES, Inc. 2555 E. Camelback Rd, Suite 200 Phoenix, Arizona 85016 T: 602.937.2700			GEOMETRIC DATA SHEET		
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L			NOT FOR CONSTRUCTION OR RECORDING DWG NO. C-1.07 OF		

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23

PLAN REF NO		P.I./P.O.T. STATION	COORDINATES		All Coordinates Are Ground Coordinates And All Bearings Are Grid Bearings								G.A.F. = 1.00016
36611	Exst Tatum Blvd Ramp 'C' Cst & POT	0+00.00	N=972707.031	E=681631.052									
XTC-1	Exst Tatum Blvd Ramp 'C' Cst & PI	8+60.42	N=972752.554	E=682490.271	Simple	Δ=18°42'12"	D=1°35'15"	R=3608.92	T=594.33	L=1178.08	Ext=48.61	e=0.035%	SEE SUPERELEVATION DIAGRAM
36616	Exst Tatum Blvd Ramp 'C' Cst & POT	20+63.13	N=972424.842	E=683658.451									
36625	Exst Tatum Blvd Ramp 'CC' Cst & POC	0+00.00	N=972720.743	E=681852.661									
XTC-2	Exst Tatum Blvd Ramp 'CC' Cst & PI	0+81.96	N=972716.407	E=681770.818	Simple	Δ=42°02'44"	D=26°52'02"	R=213.25	T=81.96	L=156.49	Ext=15.21	e=NC	SEE SUPERELEVATION DIAGRAM
XTC-3	Exst Tatum Blvd Ramp 'CC' Cst & PI	3+32.73	N=972533.589	E=681588.499	Simple	Δ=44°54'02"	D=13°26'01"	R=426.51	T=176.23	L=334.24	Ext=34.98	e=NC	SEE SUPERELEVATION DIAGRAM
36621	Exst Tatum Blvd Ramp 'CC' Cst & POC	4+90.73	N=972357.356	E=681588.434									
36811	Exst Tatum Blvd Ramp 'D' Cst & POT	0+00.00	N=972345.781	E=681630.920									
XTD-1	Exst Tatum Blvd Ramp 'D' Cst & PI	13+97.41	N=972449.777	E=683024.458	Simple	Δ=19°16'23"	D=1°44'47"	R=3280.84	T=557.07	L=1103.61	Ext=46.96	e=0.035%	SEE SUPERELEVATION DIAGRAM
36815	Exst Tatum Blvd Ramp 'D' Cst & POC	19+43.95	N=972305.548	E=683562.530									
36821	Exst Tatum Blvd Ramp 'DD' Cst & POC	0+00.00	N=972673.410	E=681610.210									
XTD-2	Exst Tatum Blvd Ramp 'DD' Cst & PI	3+43.00	N=972330.408	E=681610.084	Simple	Δ=94°17'20"	D=18°00'14"	R=318.24	T=343.00	L=523.71	Ext=149.66	e=NC	SEE SUPERELEVATION DIAGRAM
36823	Exst Tatum Blvd Ramp 'DD' Cst & POC	5+23.71	N=972355.934	E=681952.135									
3048	Exst 56th Street Cst & POT	13+36.27	N=971356.801	E=686910.296									
3035	Exst 56th Street Cst & POT	39+77.63	N=968715.441	E=686910.089									
35211	Exst 56th St Ramp 'A' Cst & POC	0+00.00	N=971650.707	E=685344.824									
X56A1	Exst 56th St Ramp 'A' Cst & PI	2+73.08	N=971517.219	E=685583.056	Simple	Δ=5°17'43"	D=0°58'13"	R=5905.51	T=273.08	L=545.77	Ext=6.31	e=NC	SEE SUPERELEVATION DIAGRAM
35214	Exst 56th St Ramp 'A' Cst & POT	17+25.14	N=970927.192	E=686910.262									
35411	Exst 56th St Ramp 'B' Cst & POC	0+00.00	N=971464.059	E=685390.666									
X56B1	Exst 56th St Ramp 'B' Cst & PI	2+67.41	N=971333.341	E=685623.953	Simple	Δ=7°10'31"	D=1°20'36"	R=4265.09	T=267.41	L=534.13	Ext=8.37	e=NC	SEE SUPERELEVATION DIAGRAM
X56B2	Exst 56th St Ramp 'B' Cst & PI	12+28.43	N=970762.120	E=686397.647	Simple	Δ=7°14'57"	D=1°27'19"	R=3937.01	T=249.39	L=498.11	Ext=7.89	e=0.027%	SEE SUPERELEVATION DIAGRAM
35418	Exst 56th St Ramp 'B' Cst & POT	18+14.90	N=970475.772	E=686910.227									
35611	Exst 56th St Ramp 'C' Cst & POT	0+00.00	N=970915.592	E=686910.262									
X56C1	Exst 56th St Ramp 'C' Cst & PI	4+64.67	N=970678.383	E=687309.825	Simple	Δ=2°34'01"	D=0°22'15"	R=15452.76	T=346.22	L=692.33	Ext=3.88	e=NC	SEE SUPERELEVATION DIAGRAM
X56C2	Exst 56th St Ramp 'C' Cst & PI	21+07.12	N=969777.456	E=688683.272	Simple	Δ=6°47'42"	D=1°00'00"	R=5729.58	T=340.15	L=679.51	Ext=10.09	e=NC	SEE SUPERELEVATION DIAGRAM
35618	Exst 56th St Ramp 'C' Cst & POC	24+46.48	N=969625.849	E=688987.770									
35811	Exst 56th St Ramp 'D' Cst & POT	0+00.00	N=970463.082	E=686910.226									
X56D1	Exst 56th St Ramp 'D' Cst & PI	15+71.02	N=969809.034	E=688338.625	Simple	Δ=3°48'22"	D=0°41'55"	R=8202.10	T=272.53	L=544.86	Ext=4.53	e=NC	SEE SUPERELEVATION DIAGRAM
35815	Exst 56th St Ramp 'D' Cst & POC	18+43.35	N=969679.377	E=688578.335									

CURVE DATA TABLE

APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION			AECOM		
AECOM TECHNICAL SERVICES, Inc. 2555 E. Camelback Rd, Suite 200 Phoenix, Arizona 85016 T: 602.337.2700			GEOMETRIC DATA SHEET		
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		NOT FOR CONSTRUCTION OR RECORDING
TRACS NO. H8297 01L					DWG NO. C-1.08
					OF





F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23

PLAN REF NO		P.I./P.O.T. STATION	COORDINATES		All Coordinates Are Ground Coordinates And All Bearings Are Grid Bearings								G.A.F. = 1.00016	
31811	Exst Scottsdale Rd Ramp 'D' Cst & POT	0+00.00	N=966939.873	E=697473.254										
XSD-1	Exst Scottsdale Rd Ramp 'D' Cst & PI	16+65.91	N=966681.687	E=699119.040	Simple	Δ=5°03'00"	D=1°00'00"	R=5729.58	T=252.67	L=505.01	Ext=5.57	e=0.023%	SEE SUPERELEVATION DIAGRAM	
31814	Exst Scottsdale Rd Ramp 'D' Cst & POC	19+18.26	N=966620.707	E=699364.239										
3038	Exst Hayden Rd Cst & POT	10+00.00	N=966850.453	E=702755.400										
3022	Exst Hayden Rd Cst & PI	17+88.76	N=966061.688	E=702755.622										
3018	Exst Hayden Rd Cst & POT	44+30.20	N=963420.254	E=702755.510										
32211	Exst Hayden Rd Ramp 'A' Cst & POC	0+00.00	N=966398.720	E=700845.222										
XHA-1	Exst Hayden Rd Ramp 'A' Cst & PI	2+37.79	N=966341.332	E=701075.979	Simple	Δ=4°45'11"	D=1°00'00"	R=5729.58	T=237.79	L=475.30	Ext=4.93	e=0.023%	SEE SUPERELEVATION DIAGRAM	
32214	Exst Hayden Rd Ramp 'A' Cst & POT	19+39.10	N=966068.903	E=702755.620										
32411	Exst Hayden Rd Ramp 'B' Cst & POC	0+00.00	N=966248.638	E=700860.327										
XHB-1	Exst Hayden Rd Ramp 'B' Cst & PI	3+46.87	N=966164.923	E=701196.944	Simple	Δ=6°55'44"	D=1°00'00"	R=5729.58	T=346.87	L=692.89	Ext=10.49	e=0.023%	SEE SUPERELEVATION DIAGRAM	
XHB-2	Exst Hayden Rd Ramp 'B' Cst & PI	15+23.14	N=965745.100	E=702296.652	Simple	Δ=8°03'01"	D=1°30'00"	R=3819.72	T=268.78	L=536.68	Ext=9.44	e=0.028%	SEE SUPERELEVATION DIAGRAM	
32418	Exst Hayden Rd Ramp 'B' Cst & POT	19+92.99	N=965640.453	E=702755.604										
32611	Exst Hayden Rd Ramp 'C' Cst & POT	0+00.00	N=966056.543	E=702755.622										
XHC-1	Exst Hayden Rd Ramp 'C' Cst & PI	9+49.46	N=965842.413	E=703680.624	Simple	Δ=11°29'54"	D=1°00'00"	R=5729.58	T=576.85	L=1149.83	Ext=28.97	e=NC	SEE SUPERELEVATION DIAGRAM	
32616	Exst Hayden Rd Ramp 'C' Cst & POT	21+98.19	N=965322.329	E=704820.147										
32811	Exst Hayden Rd Ramp 'D' Cst & POT	0+00.00	N=965628.453	E=702755.604										
XHD-1	Exst Hayden Rd Ramp 'D' Cst & PI	15+09.38	N=965409.502	E=704249.022	Simple	Δ=15°59'58"	D=1°30'00"	R=3819.72	T=536.81	L=1066.63	Ext=37.54	e=0.032%	SEE SUPERELEVATION DIAGRAM	
32814	Exst Hayden Rd Ramp 'D' Cst & POC	20+39.21	N=965188.254	E=704738.116										
33024	Exst Plma Rd Cst & POT	4+85.40	N=965755.808	E=709039.655										
XPR-1	Exst Plma Rd Cst & PI	18+05.03	N=964436.178	E=709040.913	Simple	Δ=43°00'50"	D=3°10'59"	R=1800.00	T=709.29	L=1351.32	Ext=134.71	e=0.030%	SEE SUPERELEVATION DIAGRAM	
XPR-2	Exst Plma Rd Cst & PI	27+64.17	N=963685.019	E=708341.444	Simple	Δ=15°26'06"	D=2°26'55"	R=2340.00	T=317.11	L=630.38	Ext=21.39	e=0.030%	SEE SUPERELEVATION DIAGRAM	
33038	Exst Plma Rd Cst & PI	36+92.91	N=963196.281	E=707547.188										
33040	Exst Plma Rd Cst & PI	40+00.00	N=963035.344	E=707285.648										
33049	Exst Plma Rd Cst & POT	50+22.55	N=962499.457	E=706414.767										
33212	Exst Plma Rd Ramp 'A' Cst & POT	0+00.00	N=964371.514	E=706276.764										
XPA-1	Exst Plma Rd Ramp 'A' Cst & PI	13+22.18	N=963491.316	E=707263.384	Simple	Δ=16°39'25"	D=3°00'00"	R=1909.86	T=279.59	L=555.24	Ext=20.36	e=0.044%	SEE SUPERELEVATION DIAGRAM	
33217	Exst Plma Rd Ramp 'A' Cst & POT	17+18.25	N=963150.640	E=707473.016										

CURVE DATA TABLE

APPENDIX H

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DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION			AECOM		
AECOM TECHNICAL SERVICES, Inc. 2555 E. Camelback Rd, Suite 200 Phoenix, Arizona 85016 T: 602.337.2700			GEOMETRIC DATA SHEET		
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L			NOT FOR CONSTRUCTION OR RECORDING DWG NO. C-1.10 OF		

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23

PLAN REF NO	P.I./P.O.T. STATION	COORDINATES		All Coordinates Are Ground Coordinates And All Bearings Are Grid Bearings								G.A.F. = 1.00016	
33412	Exst Plma Rd Ramp 'B' Cst & POC	0+00.00	N=964608.774	E=705734.353									
XPB-1	Exst Plma Rd Ramp 'B' Cst & PI	7+86.83	N=964145.951	E=706370.668	Simple	Δ=23°16'45"	D=1°30'00"	R=3819.72	T=786.83	L=1551.95	Ext=80.20	e=0.032%	SEE SUPERELEVATION DIAGRAM
33415	Exst Plma Rd Ramp 'B' Cst & POT	21+90.69	N=962920.049	E=707098.279									

CURVE DATA TABLE

APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION			AECOM		
AECOM TECHNICAL SERVICES, Inc. 2555 E. Camelback Rd, Suite 200 Phoenix, Arizona 85016 T 602.337.2700			www.aecom.com		
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L			DWG NO. C-1.11		
			OF		

DATE- LOCATION- REVISIONS- FINISHED PLANS- SURVEY NO. DATE- LOCATION- REVISIONS- FINISHED PLANS- SURVEY NO.



F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23

PLAN REF NO	P.I./P.O.T. STATION	COORDINATES		All Coordinates Are Ground Coordinates And All Bearings Are Grid Bearings										G.A.F. = 1.00016			
43200	7th St Ramp 'A' Cst & PC	9+32.04	N= 971165.559 E= 652520.368														
7SA1	7th St Ramp 'A' Cst & PI	11+52.50	N= 971167.703 E= 652740.812	Simple	Δ= 3°40'23"	D= 0°50'00"	R= 6875.49	T= 220.45	L= 440.76	Ext+= 3.53	e=NC	MATCH MAINLINE					
43202	7th St Ramp 'A' Cst & PT	27+18.38	N= 971283.220 E= 654302.575														
43400	7th St Ramp 'B' Cst & PC	8+76.71	N= 970998.376 E= 652399.472														
7SB1	7th St Ramp 'B' Cst & PI	12+13.32	N= 971001.649 E= 652736.065	Simple	Δ= 4°45'57"	D= 0°42'30"	R= 8088.82	T= 336.61	L= 672.83	Ext+= 7.00	e=NC	MATCH MAINLINE					
7SB2	7th St Ramp 'B' Cst & PI	27+58.11	N= 970888.250 E= 654277.077	Simple	Δ= 5°16'53"	D= 0°58'13"	R= 5905.51	T= 272.37	L= 544.36	Ext+= 6.28	e=NC	MATCH FRONTAGE ROAD					
28406	7th St Ramp 'B' Cst & PT	30+30.10	N= 970893.349 E= 654549.400														
43604	7th St Ramp 'C' Cst & PT	10+00.00	N=971278.864 E=655378.868														
7SC1	7th St Ramp 'C' Cst & PI	11+43.12	N=971279.856 E=655521.985	Simple	Δ=2°D37'24"	D=0°D55'00"	R=6250.45	T=143.12	L=286.19	Ext+=1.64	e=NC	SEE SUPERELEVATION DIAGRAM					
43607	7th St Ramp 'C' Cst & PI	15+72.67	N=971263.165 E=971263.165														
7SC2	7th St Ramp 'C' Cst & PI	25+30.12	N=971238.494 E=971238.494	Simple	Δ=2°D40'27"	D=0°D43'00"	R=7994.76	T=186.59	L=373.12	Ext+=2.18	e=NC	MATCH MAINLINE					
43610	7th St Ramp 'C' Cst & PT	27+16.65	N=971242.393 E=971242.393														
43809	7th St Ramp 'D' Cst & POT	13+82.42	N=970953.817 E=655383.133														
7SD1	7th St Ramp 'D' Cst & PI	15+00.88	N=970972.670 E=655500.080	Simple	Δ=0°D41'00"	D=0°D52'23"	R=6561.68	T=39.12	L=78.25	Ext+=0.12	e=NC	SEE SUPERELEVATION DIAGRAM					
7SD2	7th St Ramp 'D' Cst & PI	17+84.63	N=971014.485 E=655780.731	Simple	Δ=6°D06'35"	D=1°D15'00"	R=4583.66	T=244.63	L=488.79	Ext+=6.52	e=0.024%	SEE SUPERELEVATION DIAGRAM					
7SD3	7th St Ramp 'D' Cst & PI	33+98.53	N=971081.092 E=657393.719	Simple	Δ=2°D14'38"	D=0°D50'00"	R=6875.49	T=134.64	L=269.25	Ext+=1.32	e=NC	MATCH MAINLINE					
43805	7th St Ramp 'D' Cst & PT	35+33.14	N=971081.376 E=657528.363														
44200	Cave Creek Rd Ramp 'A' Cst & PC	10+00.00	N=971449.404 E=662783.793														
CCA1	Cave Creek Rd Ramp 'A' Cst & PI	12+28.90	N=971520.368 E=663001.417	Simple	Δ=7°D25'44"	D=1°D37'30"	R=3525.89	T=228.90	L=457.16	Ext+=7.42	e=0.034%	SEE SUPERELEVATION DIAGRAM					
CCA2	Cave Creek Rd Ramp 'A' Cst & PI	30+02.56	N=972283.923 E=664603.017	Simple	Δ=11°D28'40"	D=1°D15'00"	R=4583.66	T=460.65	L=918.21	Ext+=23.09	e=0.024%	SEE SUPERELEVATION DIAGRAM					
44205	Cave Creek Rd Ramp 'A' Cst & PT	34+60.13	N=972395.454 E=665049.959														
44304	Cave Creek Rd Ramp 'A' SPUI Cst & PC	0+00.00	N=972204.946 E=665344.774														
CCA3	Cave Creek Rd Ramp 'A' SPUI Cst & PI	0+69.74	N=972274.684 E=665343.927	Simple	Δ=23°D52'01"	D=17°D21'44"	R=330.00	T=69.74	L=137.46	Ext+=7.29	e=NC	SEE SUPERELEVATION DIAGRAM					
CCA4	Cave Creek Rd Ramp 'A' SPUI Cst & PI	2+74.57	N=972462.815 E=665257.943	Simple	Δ=79°D26'57"	D=34°D43'29"	R=165.00	T=137.11	L=228.80	Ext+=49.53	e=NC	SEE SUPERELEVATION DIAGRAM					
44300	Cave Creek Rd Ramp 'A' SPUI Cst & PT	3+66.26	N=972429.619 E=665124.917														
44400	Cave Creek Rd Ramp 'B' Cst & POT	8+06.42	N=971401.798 E=663141.257														
CCB1	Cave Creek Rd Ramp 'B' Cst & PI	20+85.37	N=971871.688 E=664330.754	Simple	Δ=1°D33'56"	D=0°D52'23"	R=6561.68	T=89.65	L=179.28	Ext+=0.61	e=NC	SEE SUPERELEVATION DIAGRAM					
44402	Cave Creek Rd Ramp 'B' Cst & POC	21+75.00	N=971902.334 E=664414.999														

CURVE DATA TABLE

APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION			AECOM		
AECOM TECHNICAL SERVICES, Inc. 2555 E. Camelback Rd, Suite 200 Phoenix, Arizona 85016 T: 602.337.2700			GEOMETRIC DATA SHEET		
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		NOT FOR CONSTRUCTION OR RECORDING
TRACS NO. H8297 01L					DWG NO. C-1.13
					OF

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23

PLAN REF NO		P.I./P.O.T. STATION	COORDINATES		All Coordinates Are Ground Coordinates And All Bearings Are Grid Bearings								G.A.F. = 1.00016	
44500	Cave Creek Rd Ramp 'B' SPUi Cst & PC	0+00.00	N=972127.724	E=665177.238										
CCB2	Cave Creek Rd Ramp 'B' SPUi Cst & PI	0+85.63	N=972148.740	E=665260.253	Simple	Δ=52°D08'54"	D=32°D44'26"	R=175.00	T=85.63	L=159.28	Ext=19.83	e=NC	SEE SUPERELEVATION DIAGRAM	
CCB3	Cave Creek Rd Ramp 'B' SPUi Cst & PI	3+31.81	N=972385.233	E=665363.797	Simple	Δ=24°D20'27"	D=7°D09'43"	R=800.00	T=172.53	L=339.86	Ext=18.39	e=NC	SEE SUPERELEVATION DIAGRAM	
44504	Cave Creek Rd Ramp 'B' SPUi Cst & PT	4+99.14	N=972557.753	E=665361.702										
54103	Cave Creek Rd Ramp 'C' Cst & POT	10+00.00	N=972476.894	E=665326.751										
CCC1	Cave Creek Rd Ramp 'C' Cst & PI	13+32.55	N=972557.410	E=665649.405	Simple	Δ=7°D45'43"	D=1°D25'43"	R=4010.70	T=272.09	L=543.34	Ext=9.22	e=0.027%	SEE SUPERELEVATION DIAGRAM	
CCC2	Cave Creek Rd Ramp 'C' Cst & PI	19+14.28	N=972620.827	E=666228.502	Simple	Δ=10°D03'52"	D=1°D37'30"	R=3525.89	T=310.47	L=619.35	Ext=13.64	e=0.030%	SEE SUPERELEVATION DIAGRAM	
CCC3	Cave Creek Rd Ramp 'C' Cst & PI	29+63.77	N=972550.896	E=667277.268	Simple	Δ=4°D05'34"	D=0°D42'51"	R=8021.41	T=286.62	L=573.00	Ext=5.12	e=NC	SEE SUPERELEVATION DIAGRAM	
44607	Cave Creek Rd Ramp 'C' Cst & PT	32+50.15	N=972552.286	E=667563.886										
44700	Cave Creek Rd Ramp 'C' SPUi Cst & PC	0+00.00	N=972507.595	E=665493.008										
CCC4	Cave Creek Rd Ramp 'C' SPUi Cst & PI	0+85.81	N=972489.081	E=665409.223	Simple	Δ=52°D14'21"	D=32°D44'26"	R=175.00	T=85.81	L=159.56	Ext=19.90	e=NC	SEE SUPERELEVATION DIAGRAM	
CCC5	Cave Creek Rd Ramp 'C' SPUi Cst & PI	3+44.21	N=972244.557	E=665293.639	Simple	Δ=25°D59'43"	D=7°D09'43"	R=800.00	T=184.66	L=362.96	Ext=21.04	e=NC	SEE SUPERELEVATION DIAGRAM	
44704	Cave Creek Rd Ramp 'C' SPUi Cst & PT	5+22.52	N=972059.912	E=665295.880										
44800	Cave Creek Rd Ramp 'D' Cst & POC	17+93.00	N=972320.592	E=666106.050										
CCD1	Cave Creek Rd Ramp 'D' Cst & PI	19+84.15	N=972349.249	E=666295.036	Simple	Δ=5°D43'47"	D=1°D30'00"	R=3819.72	T=191.15	L=381.97	Ext=4.78	e=0.028%	SEE SUPERELEVATION DIAGRAM	
CCD2	Cave Creek Rd Ramp 'D' Cst & PI	29+23.72	N=972396.682	E=667233.727	Simple	Δ=2°D36'53"	D=0°D50'00"	R=6875.49	T=156.91	L=313.77	Ext=1.79	e=NC	SEE SUPERELEVATION DIAGRAM	
44805	Cave Creek Rd Ramp 'D' Cst & PT	30+80.57	N=972397.444	E=667390.636										
44904	Cave Creek Rd Ramp 'D' SPUi Cst & PC	0+00.00	N=972422.151	E=665312.695										
CCD3	Cave Creek Rd Ramp 'D' SPUi Cst & PI	0+74.28	N=972347.873	E=665313.596	Simple	Δ=25°D22'18"	D=17°D21'44"	R=330.00	T=74.28	L=146.13	Ext=8.26	e=NC	SEE SUPERELEVATION DIAGRAM	
CCD4	Cave Creek Rd Ramp 'D' SPUi Cst & PI	2+78.99	N=972161.805	E=665404.618	Simple	Δ=77°D40'51"	D=34°D43'29"	R=165.00	T=132.86	L=223.70	Ext=46.84	e=NC	SEE SUPERELEVATION DIAGRAM	
44900	Cave Creek Rd Ramp 'D' SPUi Cst & PT	3+69.84	N=972193.379	E=665533.667										
21500	SR 51 Ramp 'E-S' Cst & PC	43+17.26	N=972241.477	E=673332.831										
ES-1	SR 51 Ramp 'E-S' Cst & PI	48+38.10	N=972396.035	E=672835.452	Simple	Δ=15°D04'20"	D=1°D27'19"	R=3937.01	T=520.84	L=1035.67	Ext=34.30	e=0.031%	SEE SUPERELEVATION DIAGRAM	
21502	SR 51 Ramp 'E-S' Cst & PT	53+52.93	N=972415.939	E=672314.992										
24500	SR 51 Ramp 'W-S' Cst & POT	68+12.35	N=972570.162	E=677174.333										
24501	SR 51 Ramp 'W-S' Cst & POT	72+24.61	N=972593.162	E=677585.950										
45200	Tatum Blvd Ramp 'A' Cst & PC	9+02.22	N=972622.480	E=679555.532										
TA1	Tatum Blvd Ramp 'A' Cst & PI	10+22.53	N=972623.064	E=679675.838	Simple	Δ=2°D00'18"	D=0°D50'00"	R=6875.49	T=120.31	L=240.59	Ext=1.05	e=NC	SEE SUPERELEVATION DIAGRAM	
45203	Tatum Blvd Ramp 'A' Cst & POT	25+20.00	N=972682.716	E=681172.147										

CURVE DATA TABLE

APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION			AECOM		
AECOM TECHNICAL SERVICES, Inc. 2555 E. Camelback Rd, Suite 200 Phoenix, Arizona 85016 T: 602.337.2700			GEOMETRIC DATA SHEET		
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		NOT FOR CONSTRUCTION OR RECORDING
TRACS NO. H8297 01L					DWG NO. C-1.14
					OF

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23

PLAN REF NO		P.I./P.O.T. STATION	COORDINATES		All Coordinates Are Ground Coordinates And All Bearings Are Grid Bearings								G.A.F. = 1.00016	
45304	Tatum Blvd Ramp 'A' SPU Cst & PC	0+00.00	N=972414.051	E=681651.775										
TA2	Tatum Blvd Ramp 'A' SPU Cst & PI	1+30.14	N=972544.191	E=681651.823	Simple	Δ=36°D02'40"	D=14°D19'26"	R=400.00	T=130.14	L=251.64	Ext=20.64	e=NC	SEE SUPERELEVATION DIAGRAM	
TA3	Tatum Blvd Ramp 'A' SPU Cst & PI	3+33.10	N=972715.327	E=681527.378	Simple	Δ=57°D00'34"	D=38°D11'50"	R=150.00	T=81.46	L=149.25	Ext=20.69	e=NC	SEE SUPERELEVATION DIAGRAM	
45300	Tatum Blvd Ramp 'A' SPU Cst & PT	4+00.89	N=972711.017	E=681446.032										
45400	Tatum Blvd Ramp 'B' Cst & PC	7+32.38	N=972467.978	E=679452.417										
TB1	Tatum Blvd Ramp 'B' Cst & PI	10+11.55	N=972469.333	E=679731.589	Simple	Δ=4°D00'00"	D=0°D43'00"	R=7994.76	T=279.18	L=558.13	Ext=4.87	e=NC	MATCH MAINLINE	
45402	Tatum Blvd Ramp 'B' Cst & PT	12+90.50	N=972451.210	E=680010.177										
45600	Tatum Blvd Ramp 'C' Cst & POC	18+10.87	N=972708.841	E=682440.896										
TC1	Tatum Blvd Ramp 'C' Cst & PI	22+25.26	N=972668.288	E=682853.294	Simple	Δ=10°D19'54"	D=1°D15'00"	R=4583.66	T=414.39	L=826.53	Ext=18.69	e=0.035%#	SEE SUPERELEVATION DIAGRAM	
45603	Tatum Blvd Ramp 'C' Cst & POT	30+89.80	N=972430.130	E=683686.724										
45700	Tatum Blvd Ramp 'C' SPU Cst & PC	0+00.00	N=972718.733	E=681814.691										
TC2	Tatum Blvd Ramp 'C' SPU Cst & PI	1+04.20	N=972713.220	E=681710.641	Simple	Δ=61°D32'22"	D=32°D44'26"	R=175.00	T=104.20	L=187.96	Ext=28.67	e=NC	SEE SUPERELEVATION DIAGRAM	
TC3	Tatum Blvd Ramp 'C' SPU Cst & PI	3+68.30	N=972456.251	E=681588.471	Simple	Δ=25°D24'24"	D=7°D09'43"	R=800.00	T=180.34	L=354.74	Ext=20.07	e=NC	SEE SUPERELEVATION DIAGRAM	
45704	Tatum Blvd Ramp 'C' SPU Cst & PT	5+42.71	N=972275.914	E=681588.404										
45800	Tatum Blvd Ramp 'D' Cst & POT	16+96.00	N=972397.577	E=682324.990										
TD1	Tatum Blvd Ramp 'D' Cst & PI	24+31.83	N=972452.338	E=683058.783	Simple	Δ=21°D29'17"	D=1°D30'00"	R=3819.72	T=724.78	L=1432.54	Ext=68.16	e=0.032%#	SEE SUPERELEVATION DIAGRAM	
45803	Tatum Blvd Ramp 'D' Cst & PT	31+39.59	N=972237.770	E=683751.078										
46200	56th St Ramp 'A' Cst & PC	9+61.35	N=971681.315	E=685316.366										
56A1	56th St Ramp 'A' Cst & PI	12+34.20	N=971547.938	E=685554.397	Simple	Δ=4°D32'43"	D=0°D50'00"	R=6875.49	T=272.85	L=545.42	Ext=5.41	e=NC	SEE SUPERELEVATION DIAGRAM	
46203	56th St Ramp 'A' Cst & POT	24+89.00	N=971023.120	E=686694.483										
46400	56th St Ramp 'B' Cst & PC	8+59.82	N=971522.259	E=685260.635										
56B1	56th St Ramp 'B' Cst & PI	12+03.79	N=971354.119	E=685560.707	Simple	Δ=5°D43'41"	D=0°D50'00"	R=6875.49	T=343.97	L=687.37	Ext=8.60	e=0.023%#	SEE SUPERELEVATION DIAGRAM	
56B2	56th St Ramp 'B' Cst & PI	20+88.74	N=970846.315	E=686286.159	Simple	Δ=0°D17'55"	D=1°D27'19"	R=3937.01	T=10.26	L=20.51	Ext=0.01	e=0.027%#	SEE SUPERELEVATION DIAGRAM	
46404	56th St Ramp 'B' Cst & POC	20+99.00	N=970840.477	E=686294.592										
46600	56th St Ramp 'C' Cst & POT	16+16.49	N=970594.022	E=687436.205										
56C1	56th St Ramp 'C' Cst & PI	32+07.57	N=969738.133	E=688777.463	Simple	Δ=6°D59'20"	D=0°D50'00"	R=6875.49	T=419.85	L=838.66	Ext=12.81	e=0.023%#	SEE SUPERELEVATION DIAGRAM	
46603	56th St Ramp 'C' Cst & PT	36+26.38	N=969557.025	E=689156.241										
46800	56th St Ramp 'D' Cst & POT	13+55.00	N=970315.288	E=687232.998										
56D1	56th St Ramp 'D' Cst & PI	26+22.63	N=969772.507	E=688378.541	Simple	Δ=2°D58'09"	D=0°D37'30"	R=9167.32	T=237.58	L=475.05	Ext=3.08	e=NC	SEE SUPERELEVATION DIAGRAM	
46803	56th St Ramp 'D' Cst & PT	28+60.10	N=969659.796	E=688587.680										

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CHECKED	SDW	DATE	04-16		
TRANSPORTATION			AECOM		
AECOM TECHNICAL SERVICES, Inc. 2555 E. Camelback Rd, Suite 200 Phoenix, Arizona 85016 T: 602.337.2700			GEOMETRIC DATA SHEET		
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		NOT FOR CONSTRUCTION OR RECORDING
TRACS NO. H8297 01L					DWG NO. C-1.15
					OF

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23

PLAN REF NO		P.I./P.O.T. STATION	COORDINATES		All Coordinates Are Ground Coordinates And All Bearings Are Grid Bearings								G.A.F. = 1.00016	
47200	64th St Ramp 'A' Cst & PC	19+09.95	N=969117.830	E=690206.933										
64A1	64th St Ramp 'A' Cst & PI	26+17.67	N=968877.911	E=690872.741	Simple	Δ=12°D15'40"	D=0°D52'10"	R=6589.01	T=707.72	L=1410.03	Ext=37.90	e=0.021%#	SEE SUPERELEVATION DIAGRAM	
47202	64th St Ramp 'A' Cst & PT	33+19.98	N=968784.860	E=691574.314										
47400	64th St Ramp 'B' Cst & POT	17+63.26	N=968868.596	E=690419.250										
47401	64th St Ramp 'B' Cst & POT	30+88.26	N=968450.248	E=691676.472										
47600	64th St Ramp 'C' Cst & PT	26+12.00	N=968497.427	E=692773.232										
64C1	64th St Ramp 'C' Cst & PI	34+26.58	N=968227.417	E=693541.762	Simple	Δ=5°D23'32"	D=0°D50'00"	R=6875.49	T=323.77	L=647.06	Ext=7.62	e=0.023%#	SEE SUPERELEVATION DIAGRAM	
47603	64th St Ramp 'C' Cst & PT	37+49.88	N=968149.277	E=693855.963										
47800	64th St Ramp 'D' Cst & POT	21+32.00	N=968241.997	E=692323.092										
64D1	64th St Ramp 'D' Cst & PI	33+33.87	N=968063.842	E=693511.682	Simple	Δ=5°D26'29"	D=0°D50'00"	R=6875.49	T=326.73	L=652.96	Ext=7.76	e=NC	SEE SUPERELEVATION DIAGRAM	
47803	64th St Ramp 'D' Cst & PT	36+60.10	N=967984.989	E=693828.749										
48200	Scottsdale Rd Ramp 'A' Cst & PC	7+77.56	N=967780.584	E=695338.477										
SA1	Scottsdale Rd Ramp 'A' Cst & PI	15+12.55	N=967603.198	E=696051.744	Simple	Δ=5°D09'57"	D=0°D21'06"	R=16292.64	T=734.99	L=1468.99	Ext=16.57	e=NC	SEE SUPERELEVATION DIAGRAM	
48202	Scottsdale Rd Ramp 'A' Cst & PT	22+46.55	N=967490.756	E=696778.086										
48400	Scottsdale Rd Ramp 'B' Cst & PC	9+15.29	N=967606.195	E=695351.874										
SBI	Scottsdale Rd Ramp 'B' Cst & PI	11+10.34	N=967559.121	E=695541.161	Simple	Δ=3°D15'00"	D=0°D50'00"	R=6875.49	T=195.05	L=390.00	Ext=2.77	e=0.023%#	SEE SUPERELEVATION DIAGRAM	
48403	Scottsdale Rd Ramp 'B' Cst & POT	25+10.00	N=967144.831	E=696878.207										
48600	Scottsdale Rd Ramp 'C' Cst & POT	15+00.00	N=967216.968	E=697948.600										
SC1	Scottsdale Rd Ramp 'C' Cst & PI	29+63.69	N=966783.758	E=699346.709	Simple	Δ=3°D15'00"	D=0°D50'00"	R=6875.49	T=195.05	L=390.00	Ext=2.77	e=NC	SEE SUPERELEVATION DIAGRAM	
48603	Scottsdale Rd Ramp 'C' Cst & PT	31+58.63	N=966736.683	E=699535.996										
48800	Scottsdale Rd Ramp 'D' Cst & POT	13+82.00	N=966880.670	E=697850.638										
SD1	Scottsdale Rd Ramp 'D' Cst & PI	27+29.27	N=966654.464	E=699178.782	Simple	Δ=4°D18'00"	D=0°D50'00"	R=6875.49	T=258.13	L=516.01	Ext=4.84	e=NC	SEE SUPERELEVATION DIAGRAM	
48803	Scottsdale Rd Ramp 'D' Cst & PT	29+87.15	N=966592.167	E=699429.278										
49200	Hayden Rd Ramp 'A' Cst & PC	10+97.32	N=966387.011	E=700942.024										
HA1	Hayden Rd Ramp 'A' Cst & PI	13+82.66	N=966318.145	E=701218.933	Simple	Δ=4°D45'11"	D=0°D50'00"	R=6875.49	T=285.34	L=570.36	Ext=5.92	e=NC	SEE SUPERELEVATION DIAGRAM	
49203	Hayden Rd Ramp 'A' Cst & POT	22+31.01	N=966182.270	E=702056.664										

CURVE DATA TABLE

APPENDIX H

DESIGN	GJJ	NAME	DATE	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN	WBE		04-16		
CHECKED	SDW		04-16		
<small>TRANSPORTATION</small> <small>AECOM TECHNICAL SERVICES, Inc.</small> <small>2555 E. Camelback Rd, Suite 200</small> <small>Phoenix, Arizona 85016</small> <small>T: 602.337.2700</small> <small>www.aecom.com</small>				<b>AECOM</b> GEOMETRIC DATA SHEET	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L				NOT FOR CONSTRUCTION OR RECORDING	
				DWG NO. C-1.16	
				OF	

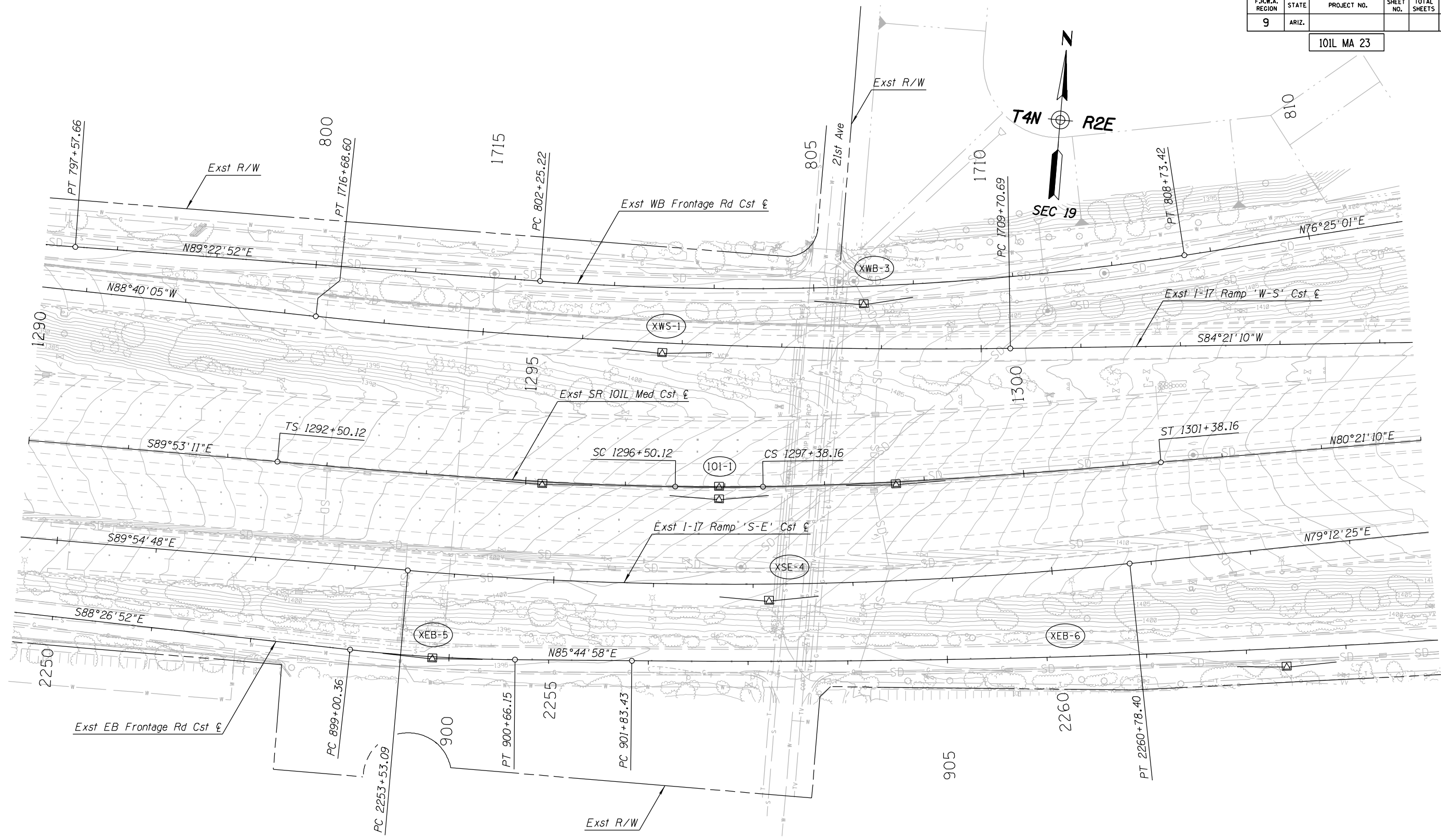






F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



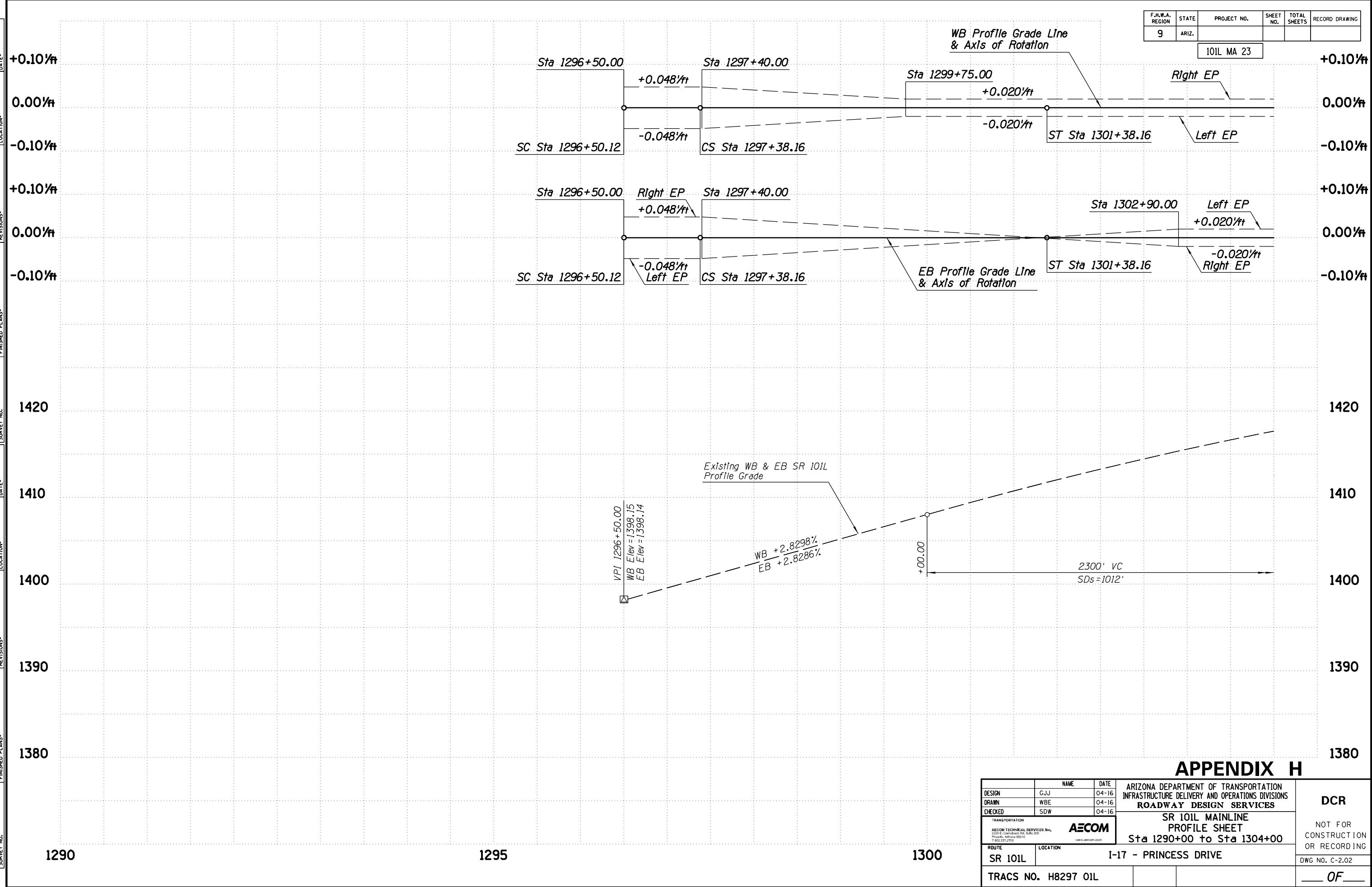
### APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2325 E. Camelback Rd, Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com				<b>AECOM</b> SR 101L MAINLINE PLAN SHEET Sta 1290+00 to Sta 1304+00	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L				NOT FOR CONSTRUCTION OR RECORDING DWG NO. C-2.01 OF	

SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

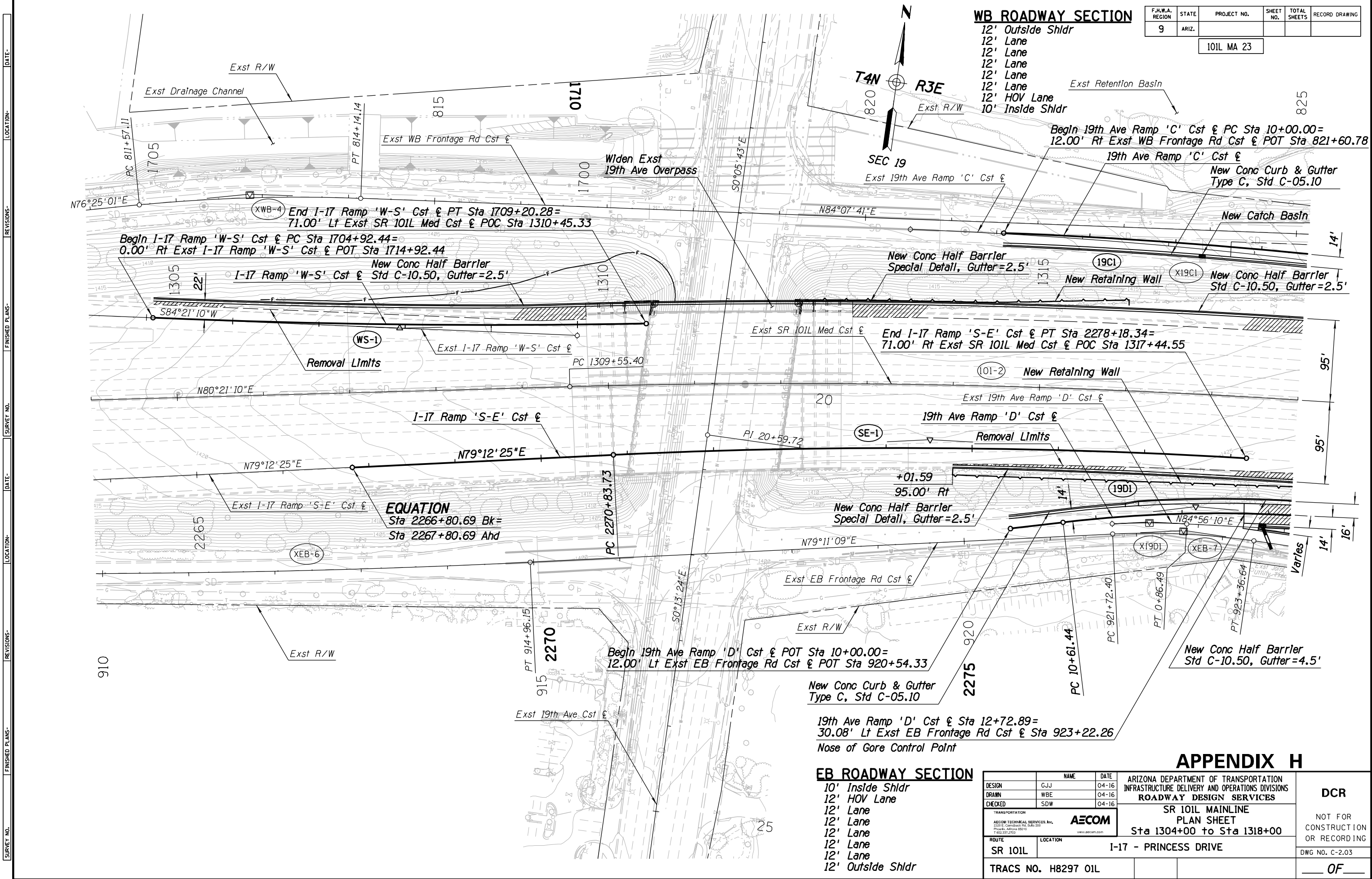
101L MA 23



DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_ REVISIONS: \_\_\_\_\_ FINISHED PLANS: \_\_\_\_\_ SURVEY NO. \_\_\_\_\_ DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_ REVISIONS: \_\_\_\_\_ FINISHED PLANS: \_\_\_\_\_ SURVEY NO. \_\_\_\_\_

### APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com				<b>AECOM</b> SR 101L MAINLINE PROFILE SHEET Sta 1290+00 to Sta 1304+00	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L				NOT FOR CONSTRUCTION OR RECORDING DWG NO. C-2.02 OF	



F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23

**WB ROADWAY SECTION**

- 12' Outside Shldr
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' HOV Lane
- 10' Inside Shldr

**EB ROADWAY SECTION**

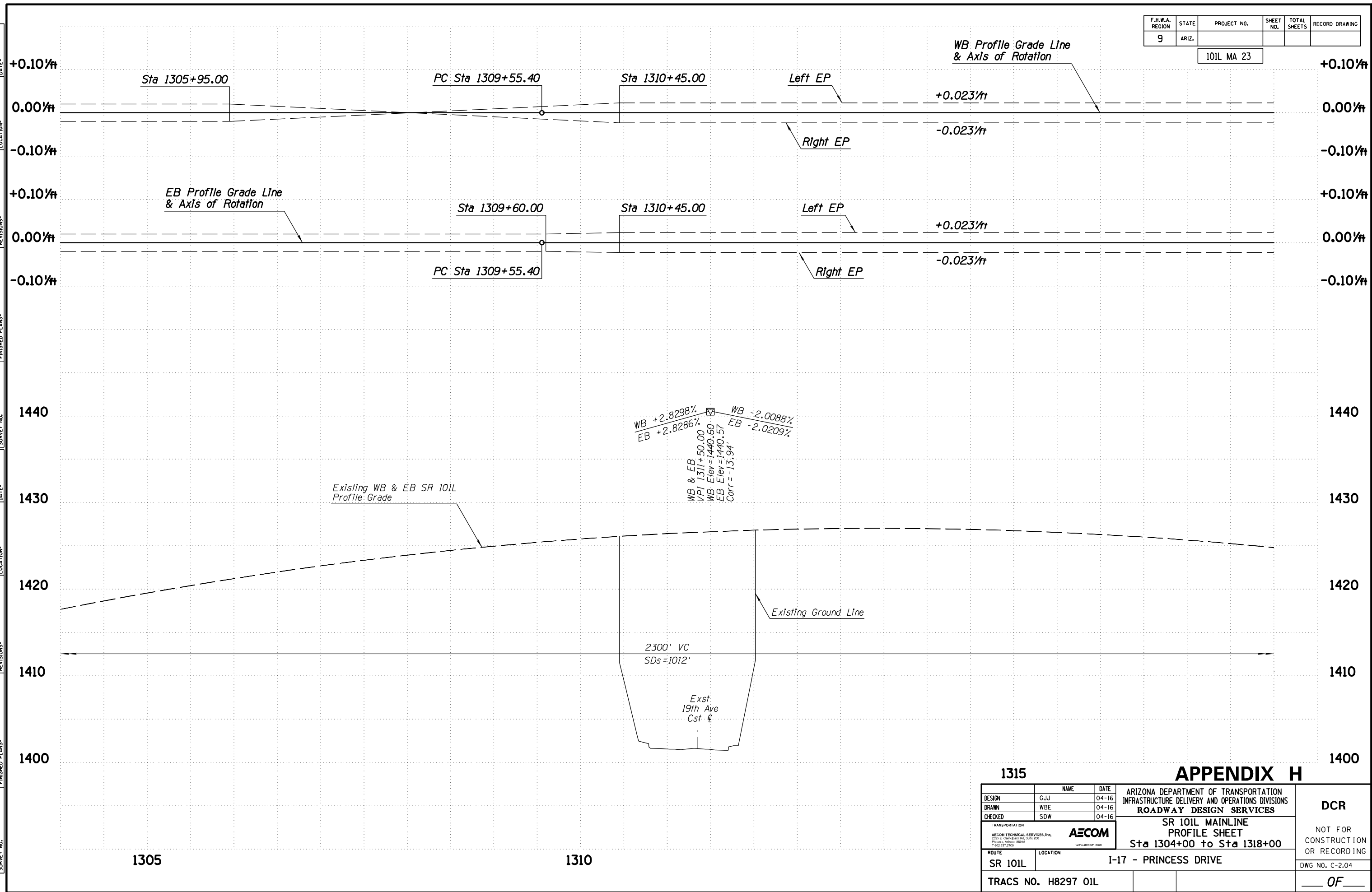
- 10' Inside Shldr
- 12' HOV Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Outside Shldr

**APPENDIX H**

DESIGN	NAME	DATE	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>
DRAWN	GJJ	04-16		
CHECKED	SDW	04-16		
<small>TRANSPORTATION</small> <small>AECOM TECHNICAL SERVICES, INC.</small> <small>2525 E. Camelback Rd., Suite 200</small> <small>Phoenix, Arizona 85016</small> <small>T: 602.337.2700</small> <small>www.aecom.com</small>			<b>SR 101L MAINLINE PLAN SHEET</b> <b>Sta 1304+00 to Sta 1318+00</b>	
ROUTE	LOCATION			
SR 101L	I-17 - PRINCESS DRIVE		NOT FOR CONSTRUCTION OR RECORDING	
TRACS NO. H8297 01L			DWG NO. C-2.03	
			OF	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23

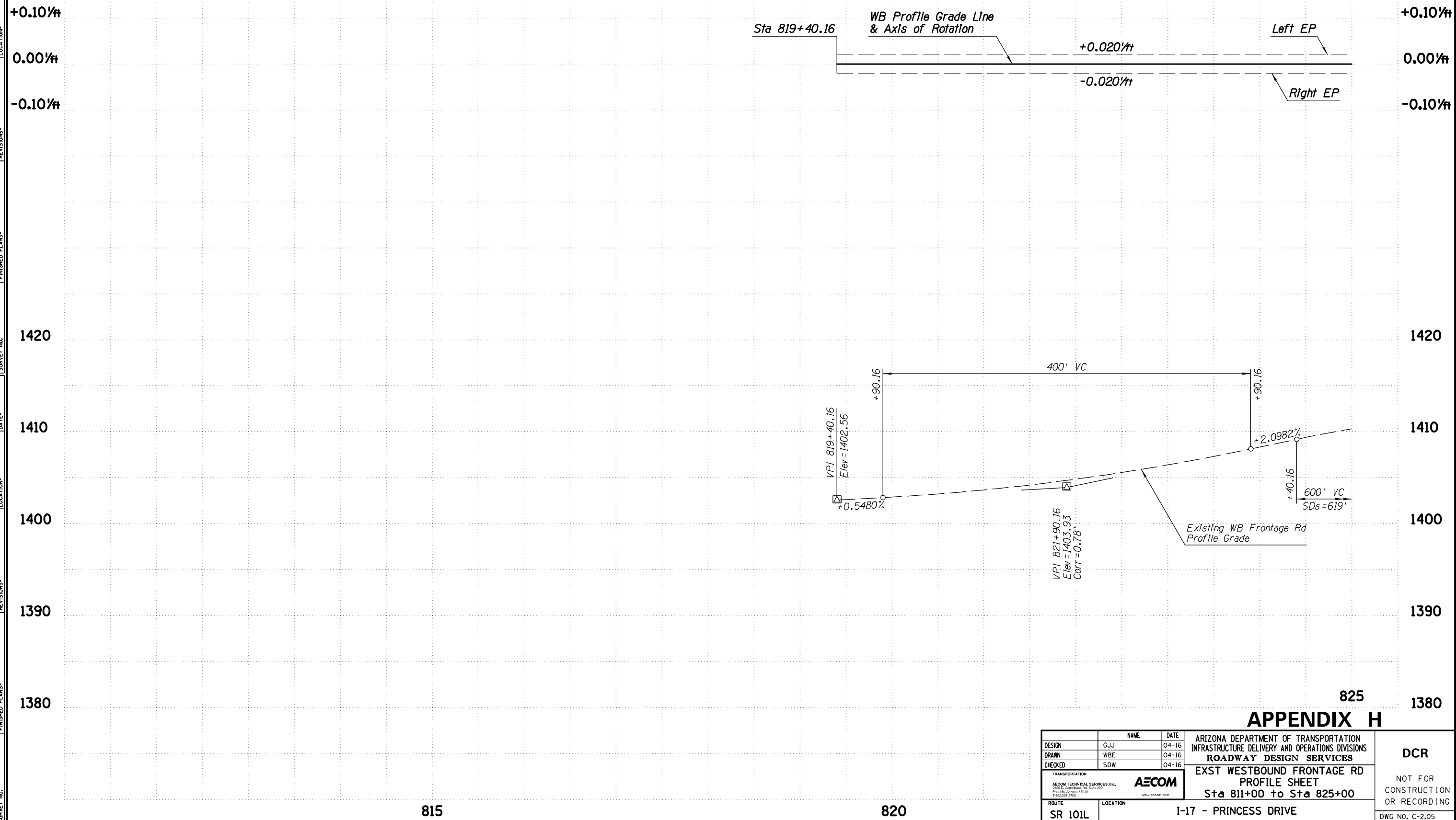


DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_ REVISIONS: \_\_\_\_\_ FINISHED PLANS: \_\_\_\_\_ SURVEY NO. \_\_\_\_\_ DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_ REVISIONS: \_\_\_\_\_ FINISHED PLANS: \_\_\_\_\_ SURVEY NO. \_\_\_\_\_

<b>1315</b>		<b>APPENDIX H</b>	
DESIGN	GJJ	DATE	04-16
DRAWN	WBE	DATE	04-16
CHECKED	SDW	DATE	04-16
<small>TRANSPORTATION</small> <b>AECOM</b> <small>AECOM TECHNICAL SERVICES, Inc.          2550 E. Camelback Rd., Suite 200          Phoenix, Arizona 85016          T 602.337.2700</small>		ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	
<b>SR 101L MAINLINE</b> <b>PROFILE SHEET</b> <b>Sta 1304+00 to Sta 1318+00</b>		<b>DCR</b> NOT FOR CONSTRUCTION OR RECORDING	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE
TRACS NO. H8297 01L		DWG NO. C-2.04	
		OF	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



815

820

825

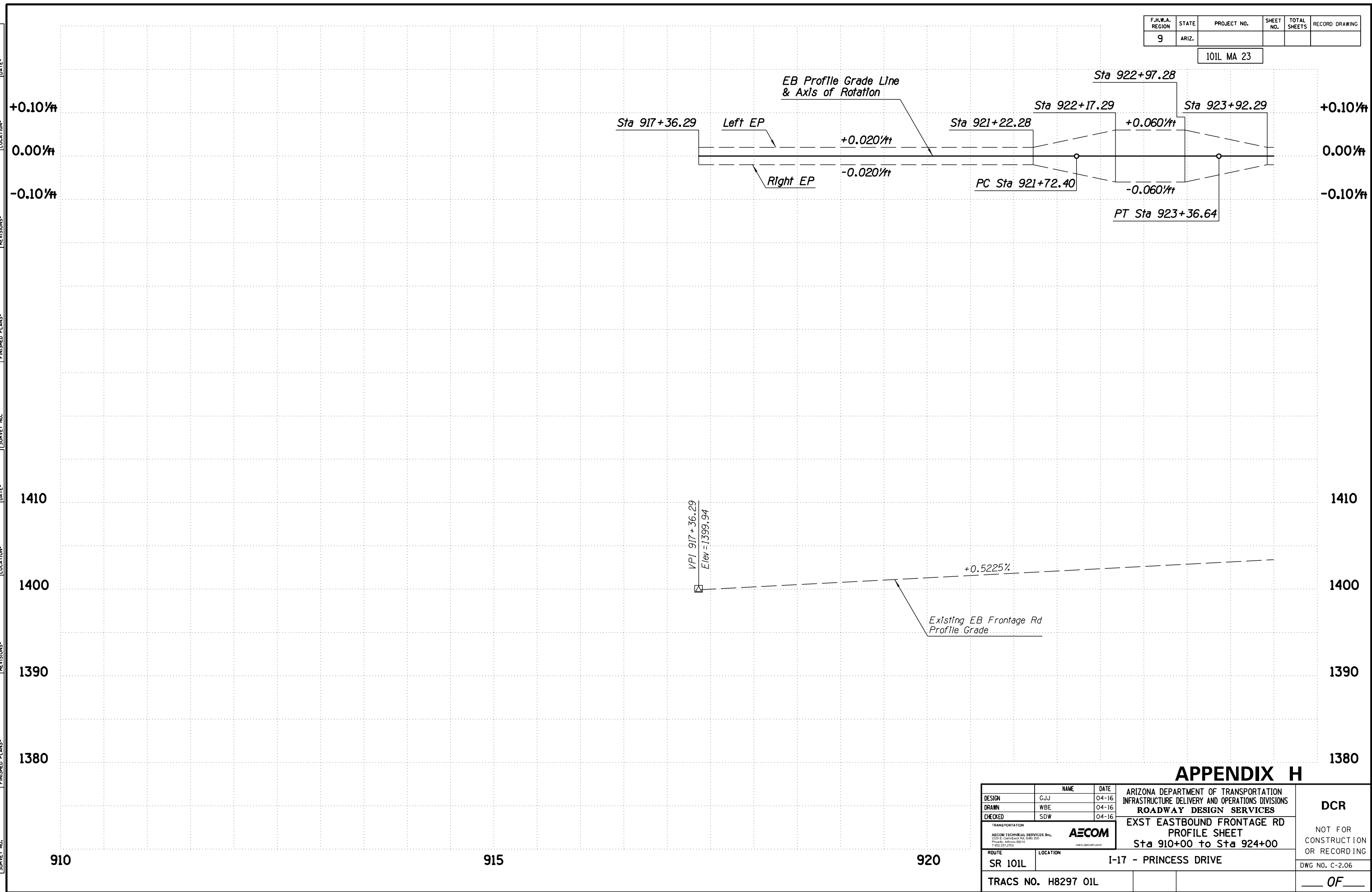
**APPENDIX H**

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR  NOT FOR CONSTRUCTION OR RECORDING
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION					EXST WESTBOUND FRONTAGE RD PROFILE SHEET Sta 811+00 to Sta 825+00
ROUTE	LOCATION				
SR 101L	I-17 - PRINCESS DRIVE			DWG NO. C-2.05	
TRACS NO. H8297 01L				OF	

SURVEY NO. FINISHED PLANS REVISIONS DATE LOCATION FINISHED PLANS REVISIONS DATE SURVEY NO. FINISHED PLANS REVISIONS DATE SURVEY NO. FINISHED PLANS REVISIONS DATE

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



DATE: LOCATION: REVISIONS: FINISHED PLANS: SURVEY NO. DATE: LOCATION: REVISIONS: FINISHED PLANS: SURVEY NO.

### APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR  NOT FOR CONSTRUCTION OR RECORDING
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
<small>TRANSPORTATION</small> <small>AECOM TECHNICAL SERVICES, Inc.</small> <small>2525 E. Camelback Rd., Suite 200</small> <small>Phoenix, Arizona 85016</small> <small>T 602.337.2700</small> <small>www.aecom.com</small>				<b>AECOM</b> <b>EXST EASTBOUND FRONTAGE RD</b> <b>PROFILE SHEET</b> <b>Sta 910+00 to Sta 924+00</b>	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L				DWG NO. C-2.06	
				OF	



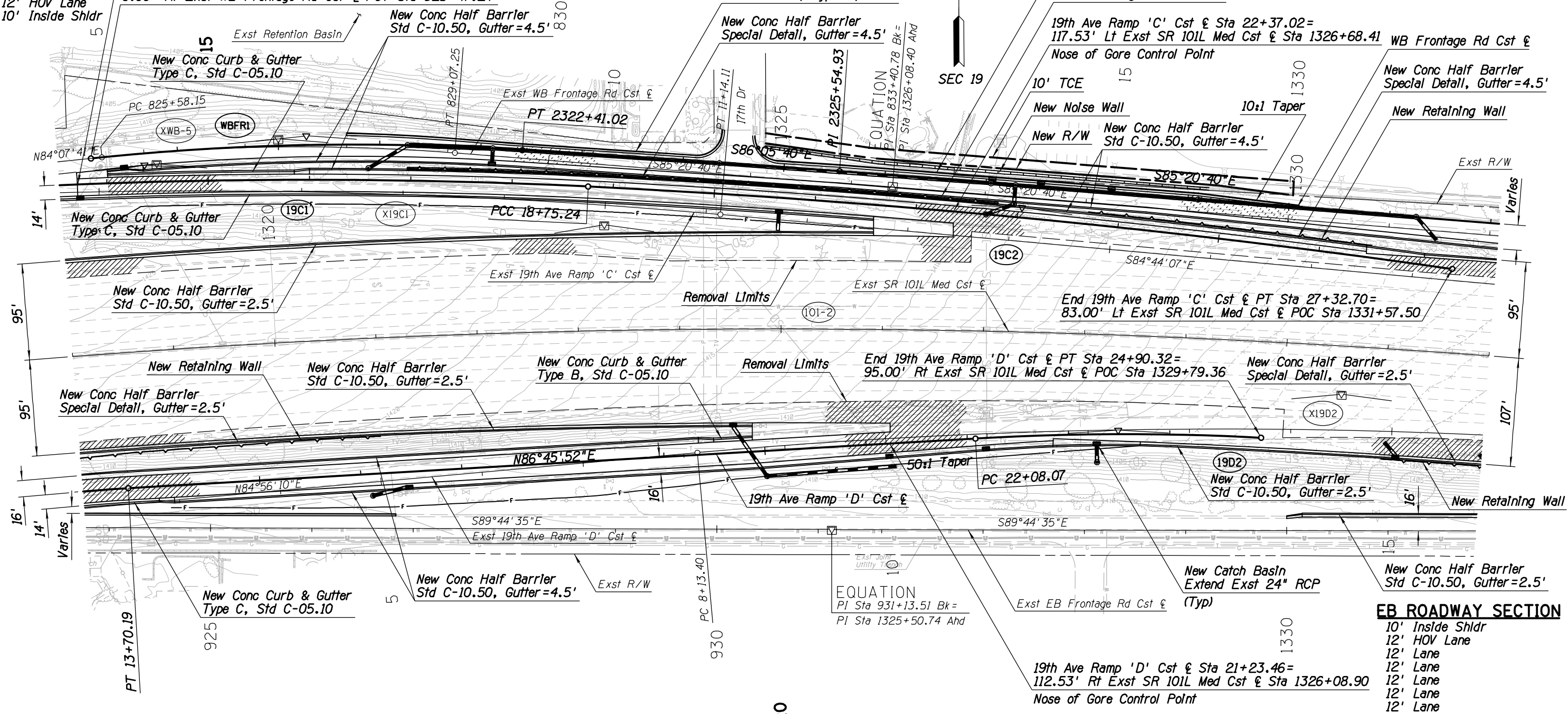
**WB ROADWAY SECTION**

- 12' Outside Shldr
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 10' HOV Lane
- 10' Inside Shldr

19th Ave Ramp 'C' Cst @ 13+71.07 =  
 24.01' Rt Exst WB Frontage Rd Cst @ Sta 825+31.59  
 Nose of Gore Control Point  
 Bgn WB Frontage Rd Cst @ PC Sta 2318+14.40 =  
 0.00' Rt Exst WB Frontage Rd Cst @ POT Sta 825+47.24

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



**EB ROADWAY SECTION**

- 10' Inside Shldr
- 12' HOV Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Outside Shldr

**EB ROADWAY SECTION**

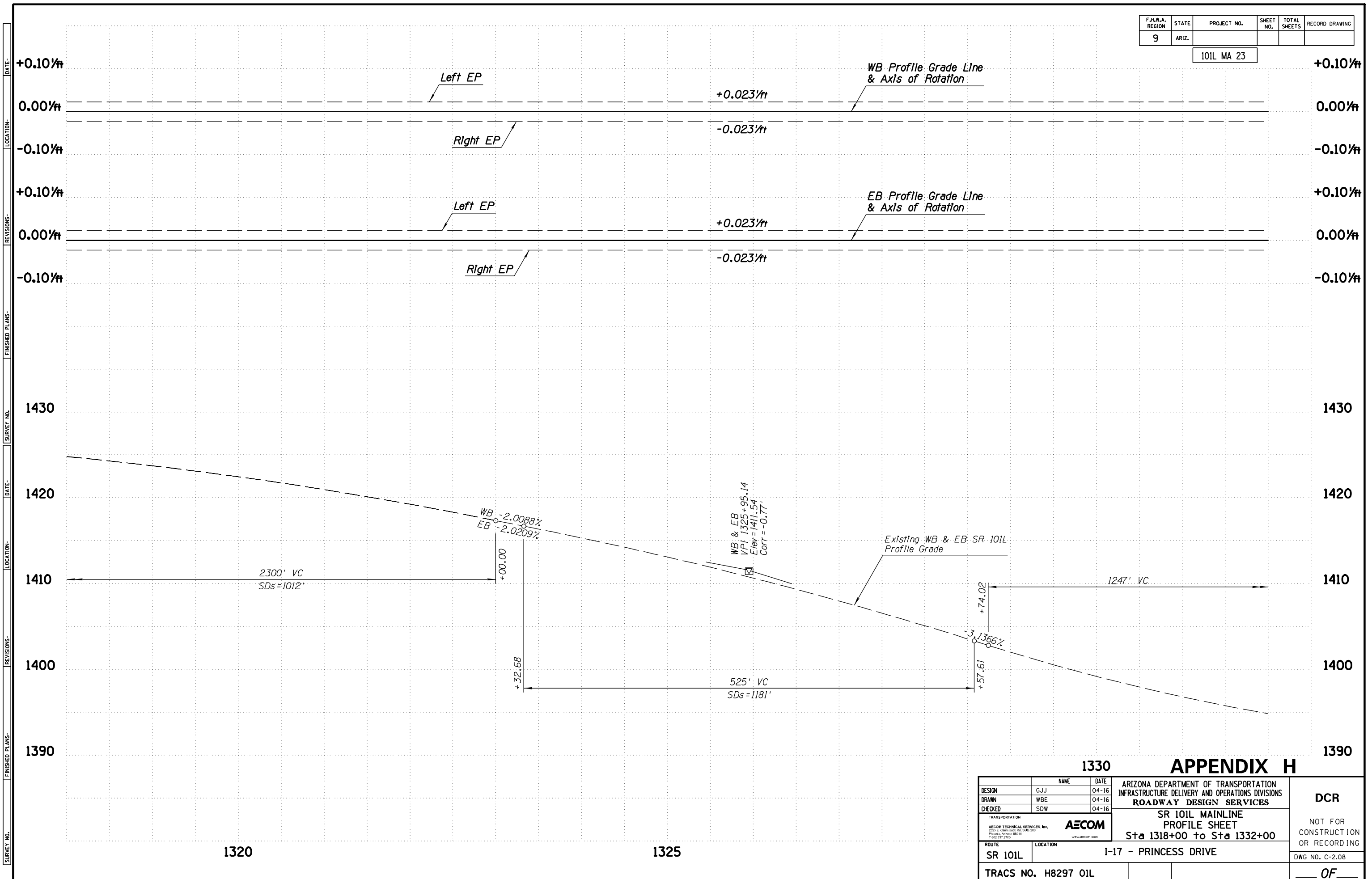
- 10' Inside Shldr
- 12' HOV Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Aux Lane
- 12' Outside Shldr

**APPENDIX H**

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION				<b>AECOM</b>	SR 101L MAINLINE PLAN SHEET Sta 1318+00 to Sta 1332+00
AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd, Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com					
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L				NOT FOR CONSTRUCTION OR RECORDING DWG NO. C-2.07 OF	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



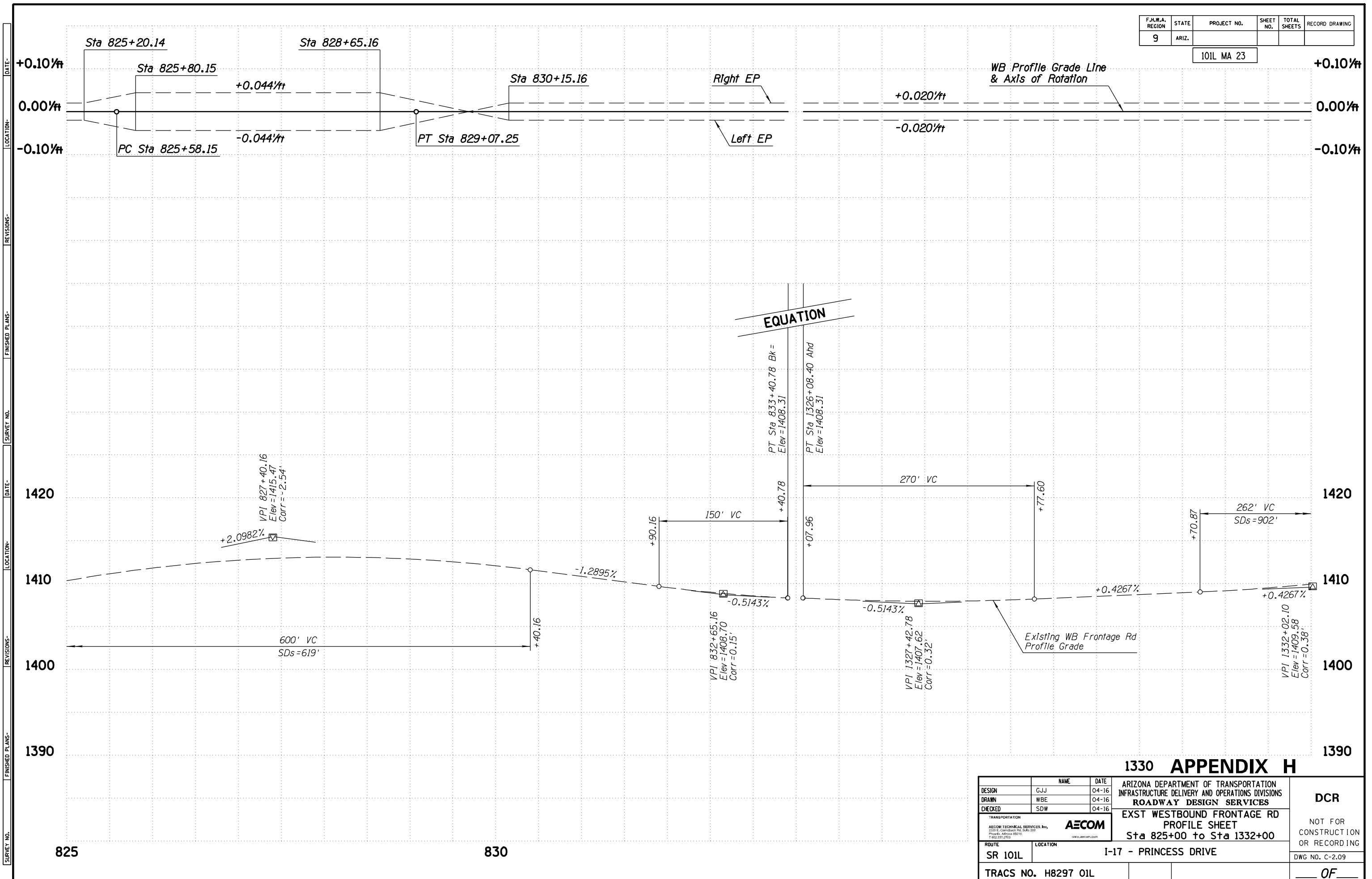
DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_ REVISIONS: \_\_\_\_\_ FINISHED PLANS: \_\_\_\_\_ SURVEY NO. \_\_\_\_\_ DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_ REVISIONS: \_\_\_\_\_ FINISHED PLANS: \_\_\_\_\_ SURVEY NO. \_\_\_\_\_

1330 **APPENDIX H**

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION <b>AECOM</b> <small>AECOM TECHNICAL SERVICES, Inc.          2525 E. Camelback Rd., Suite 200          Phoenix, Arizona 85016          T 602.337.2700</small>				<b>SR 101L MAINLINE          PROFILE SHEET          Sta 1318+00 to Sta 1332+00</b>	
ROUTE	LOCATION	1-17 - PRINCESS DRIVE			
SR 101L		DWG NO. C-2.08			
TRACS NO. H8297 01L				OF _____	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_ REVISIONS: \_\_\_\_\_ FINISHED PLANS: \_\_\_\_\_ SURVEY NO. \_\_\_\_\_ DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_ REVISIONS: \_\_\_\_\_ FINISHED PLANS: \_\_\_\_\_ SURVEY NO. \_\_\_\_\_

825

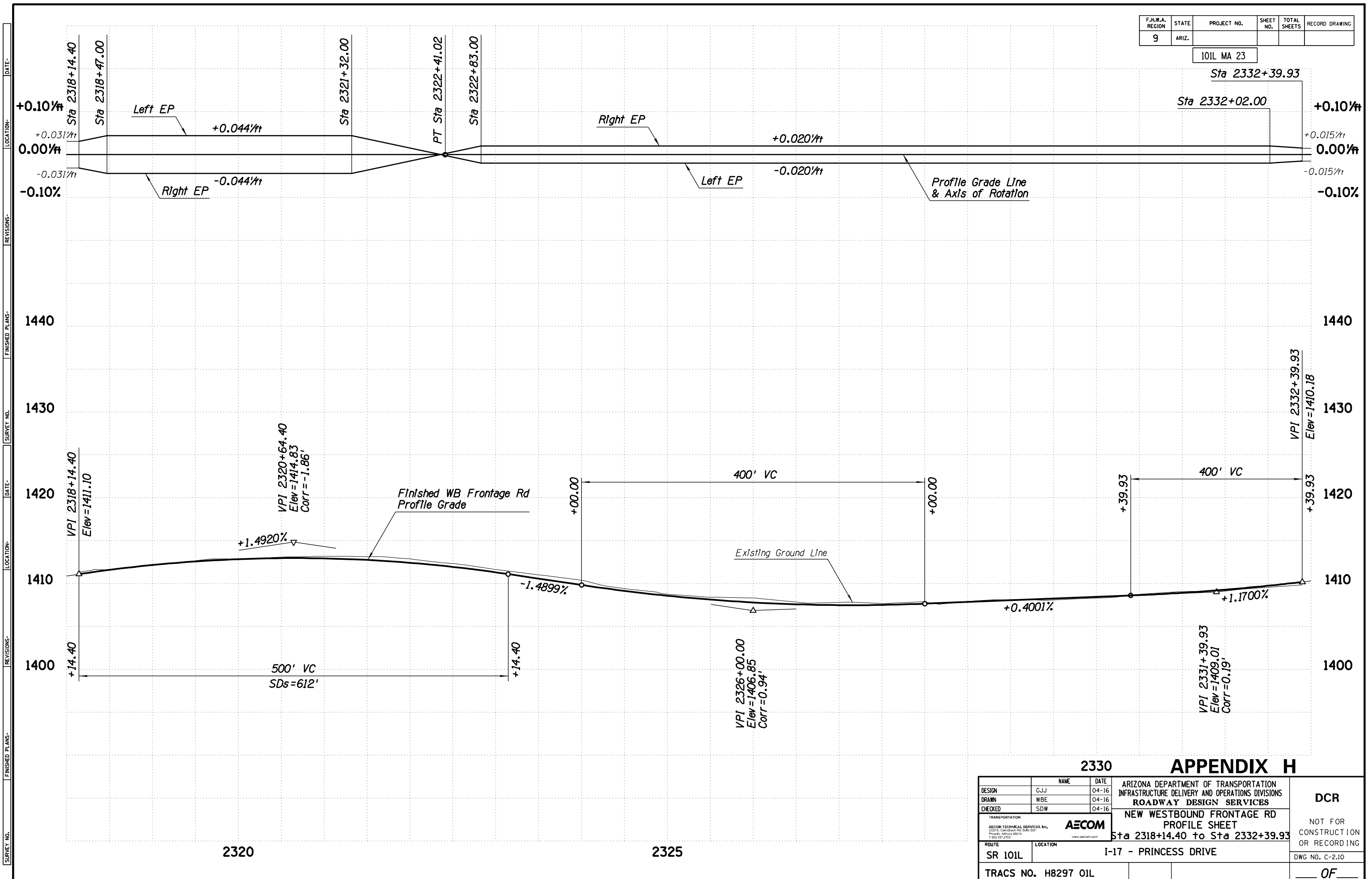
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**1330 APPENDIX H**

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING	
DRAWN	WBE	DATE	04-16			
CHECKED	SDW	DATE	04-16			
TRANSPORTATION				<b>AECOM</b> <small>AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700</small>	EXST WESTBOUND FRONTAGE RD PROFILE SHEET Sta 825+00 to Sta 1332+00	
ROUTE	LOCATION	I-17 - PRINCESS DRIVE			DWG NO. C-2.09	
SR 101L				TRACS NO. H8297 01L		OF

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



SURVEY NO. FINISHED PLANS REVISIONS DATE LOCATION FINISHED PLANS SURVEY NO. DATE REVISIONS LOCATION DATE

2320

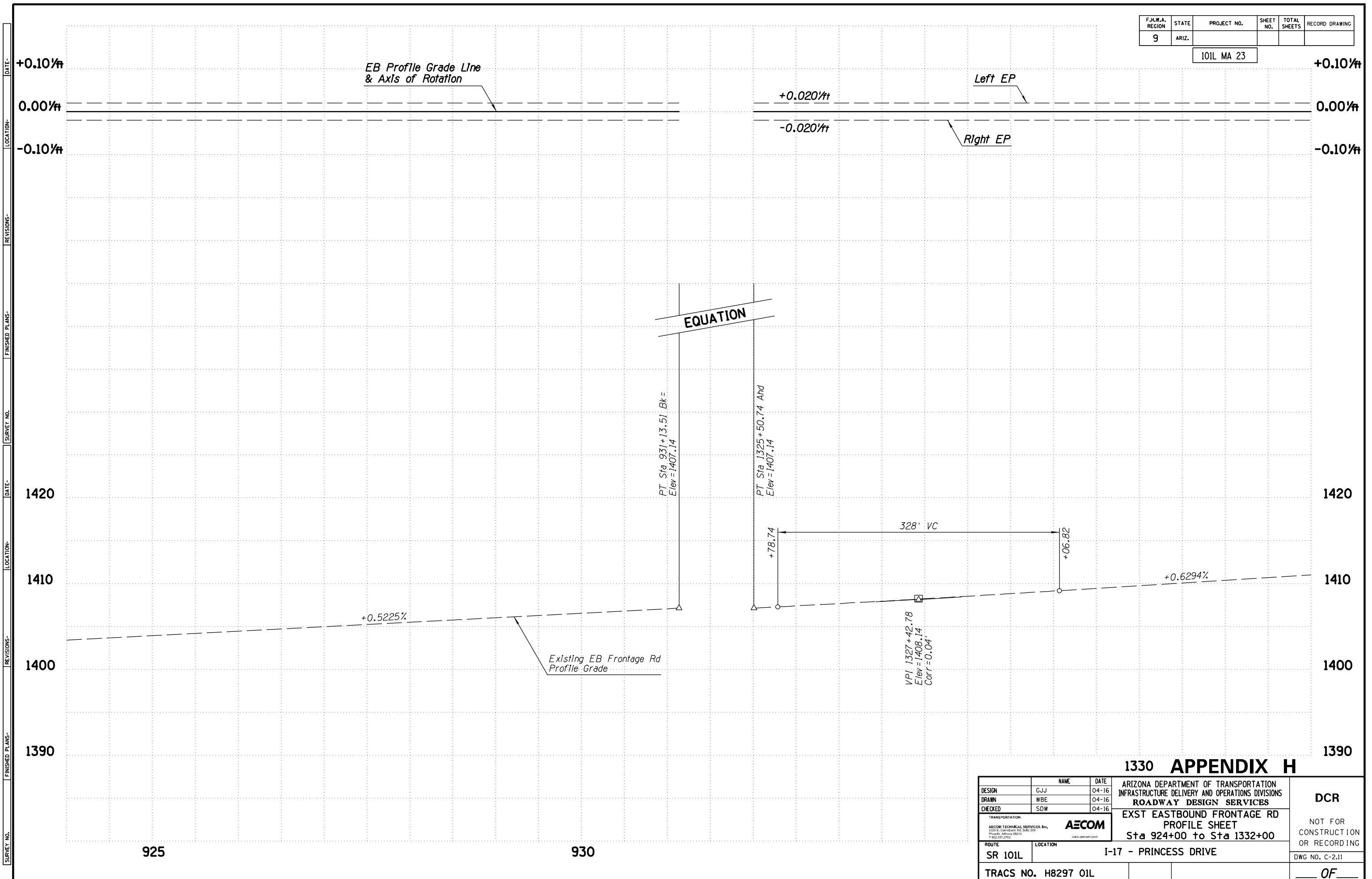
2325

2330 APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b> NEW WESTBOUND FRONTAGE RD PROFILE SHEET Sta 2318+14.40 to Sta 2332+39.93	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING  DWG NO. C-2.10 OF
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2325 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 <b>AECOM</b> www.aecom.com					
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L					

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_ REVISIONS: \_\_\_\_\_ FINISHED PLANS: \_\_\_\_\_ SURVEY NO. \_\_\_\_\_ DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_ REVISIONS: \_\_\_\_\_ FINISHED PLANS: \_\_\_\_\_ SURVEY NO. \_\_\_\_\_

925

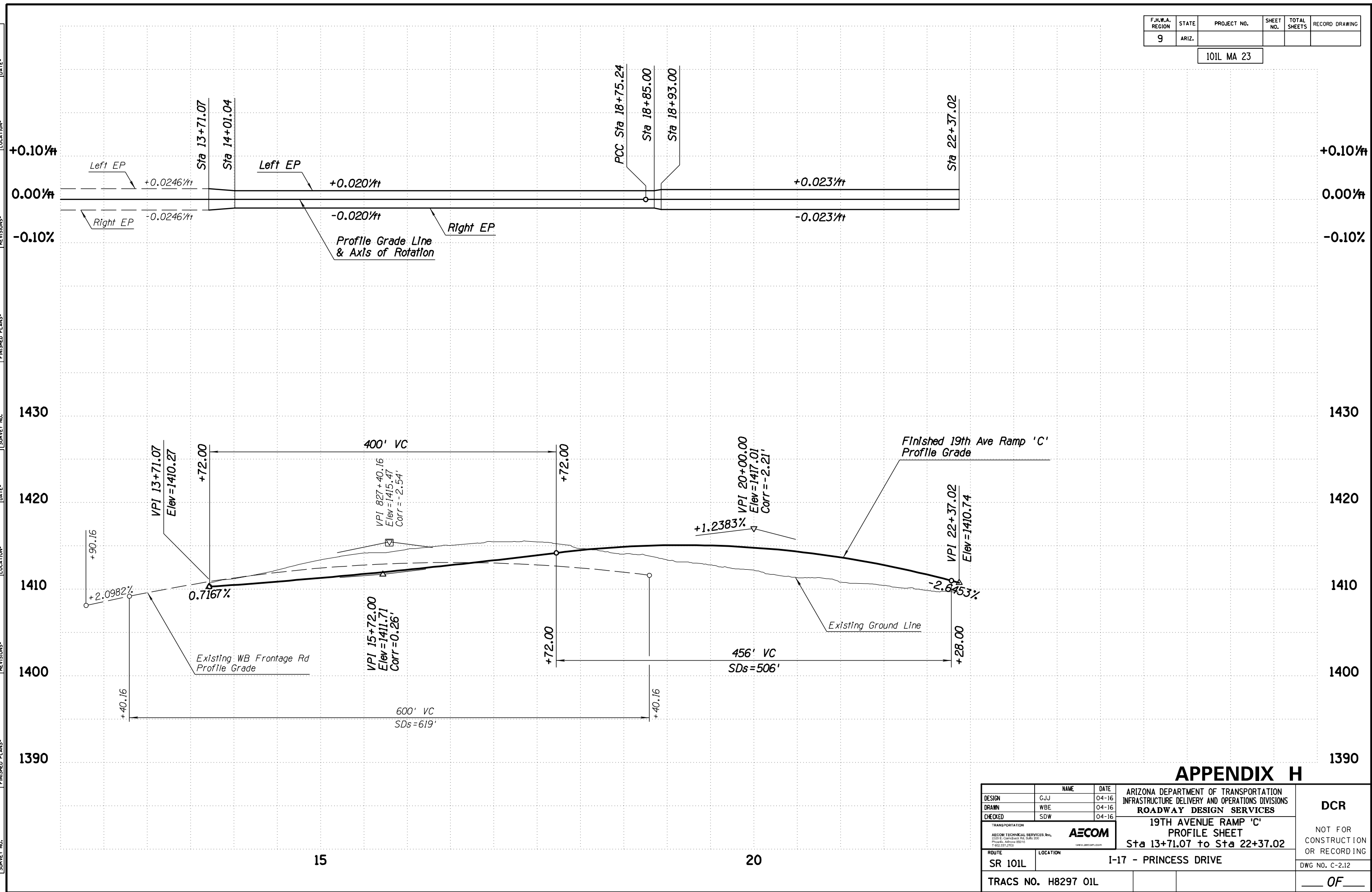
930

**1330 APPENDIX H**

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b> EXST EASTBOUND FRONTAGE RD PROFILE SHEET Sta 924+00 to Sta 1332+00	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING  DWG NO. C-2.11 OF
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com				<b>AECOM</b>	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L					

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



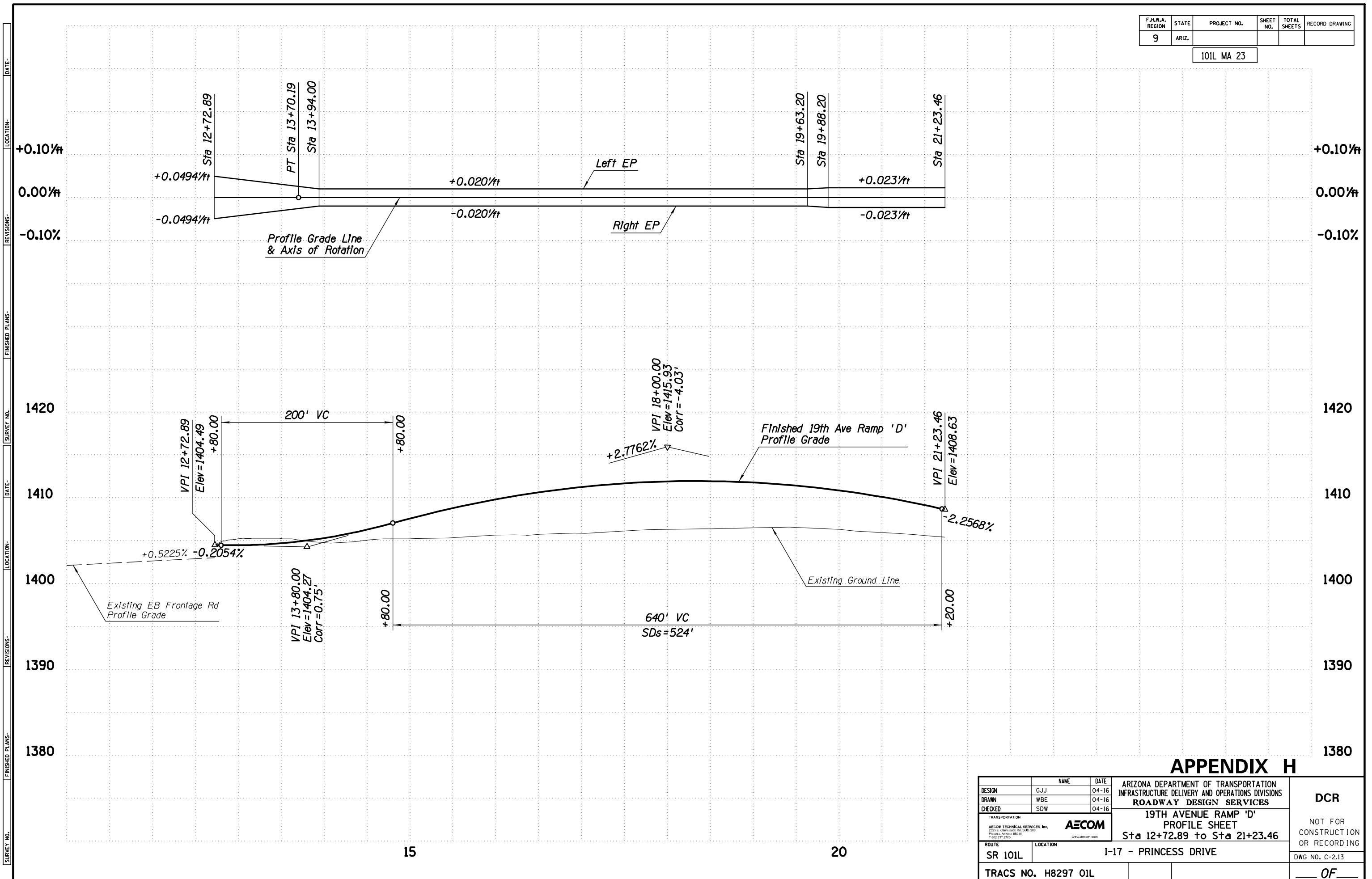
### APPENDIX H

DESIGN	NAME	DATE	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN	GJJ	04-16		
CHECKED	WBE	04-16		
	SDW	04-16		
<small>TRANSPORTATION</small> <small>AECOM TECHNICAL SERVICES, Inc.</small> <small>2555 E. Camelback Rd., Suite 200</small> <small>Phoenix, Arizona 85016</small> <small>T 602.337.2700</small> <small>www.aecom.com</small>			<b>AECOM</b> <b>19TH AVENUE RAMP 'C'</b> <b>PROFILE SHEET</b> <b>Sta 13+71.07 to Sta 22+37.02</b>	
ROUTE	LOCATION			
SR 101L	I-17 - PRINCESS DRIVE	<small>NOT FOR CONSTRUCTION OR RECORDING</small> <small>DWG NO. C-2.12</small>		
TRACS NO. H8297 01L			<small>OF</small>	

SURVEY NO. FINISHED PLANS DATE REVISIONS LOCATION DATE FINISHED PLANS SURVEY NO. DATE REVISIONS LOCATION DATE

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



### APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com				<b>AECOM</b> 19TH AVENUE RAMP 'D' PROFILE SHEET Sta 12+72.89 to Sta 21+23.46	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L				DWG NO. C-2.13	
				NOT FOR CONSTRUCTION OR RECORDING	
				OF	

SURVEY NO. FINISHED PLANS DATE SURVEY NO. FINISHED PLANS DATE REVISIONS LOCATION DATE SURVEY NO. FINISHED PLANS DATE SURVEY NO. FINISHED PLANS DATE

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



**WB ROADWAY SECTION**

- 12' Outside Shldr
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' HOV Lane
- 10' Inside Shldr

End WB Frontage Rd Cst & POT Sta 2332+39.93=  
12.00' Lt Exst WB Frontage Rd Cst & PC Sta 1332+39.93

Begin 7th Ave Ramp 'A' Cst & PC Sta 10+00.00=  
83.00' Lt Exst SR 101L Med Cst & POT Sta 1341+55.00

Exst R/W

New Conc Half Barrier  
Std C-10.50, Gutter=4.5'

New Conc Half Barrier  
Std C-10.50, Gutter=4.5'

New Conc Half Barrier  
Special Detail, Gutter=2.5'

New Conc Half Barrier  
Std C-10.50, Gutter=2.5'

New Conc Half Barrier  
Std C-10.50, Gutter=2.5'

Varies

95'

107'

16'

14'

Varies

Varies

Varies

Varies

**EB ROADWAY SECTION**

- 10' Inside Shldr
- 12' HOV Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Aux Lane
- 12' Outside Shldr

Begin EB Frontage Rd Cst & PC Sta 2333+20.59=  
0.00' Rt Exst EB Frontage Rd Cst & POT Sta 1333+21.93

New Conc Curb & Gutter  
Type G, h=7", Std C-05.10

Begin 7th Ave Ramp 'B' Cst & PC Sta 10+00.00=  
83.00' Rt Exst SR 101L Med Cst & POT Sta 1340+41.29

New Conc Half Barrier  
Std C-10.50, Gutter=2.5'

New Conc Curb & Gutter  
Std C-05.10, Type D, h=7"

New Noise Wall

New Conc Half Barrier  
Special Detail, Gutter=4.5'

New Conc Curb & Gutter  
Std C-05.10, Type D, h=7"

New Conc Half Barrier  
Std C-10.50, Gutter=2.5'

New Catch Basin  
Extend Exst 24" RCP  
(Typ)

TCE

EB Frontage Rd Cst &  
+40.00'  
+14.00'

PT 2344+44.07

15

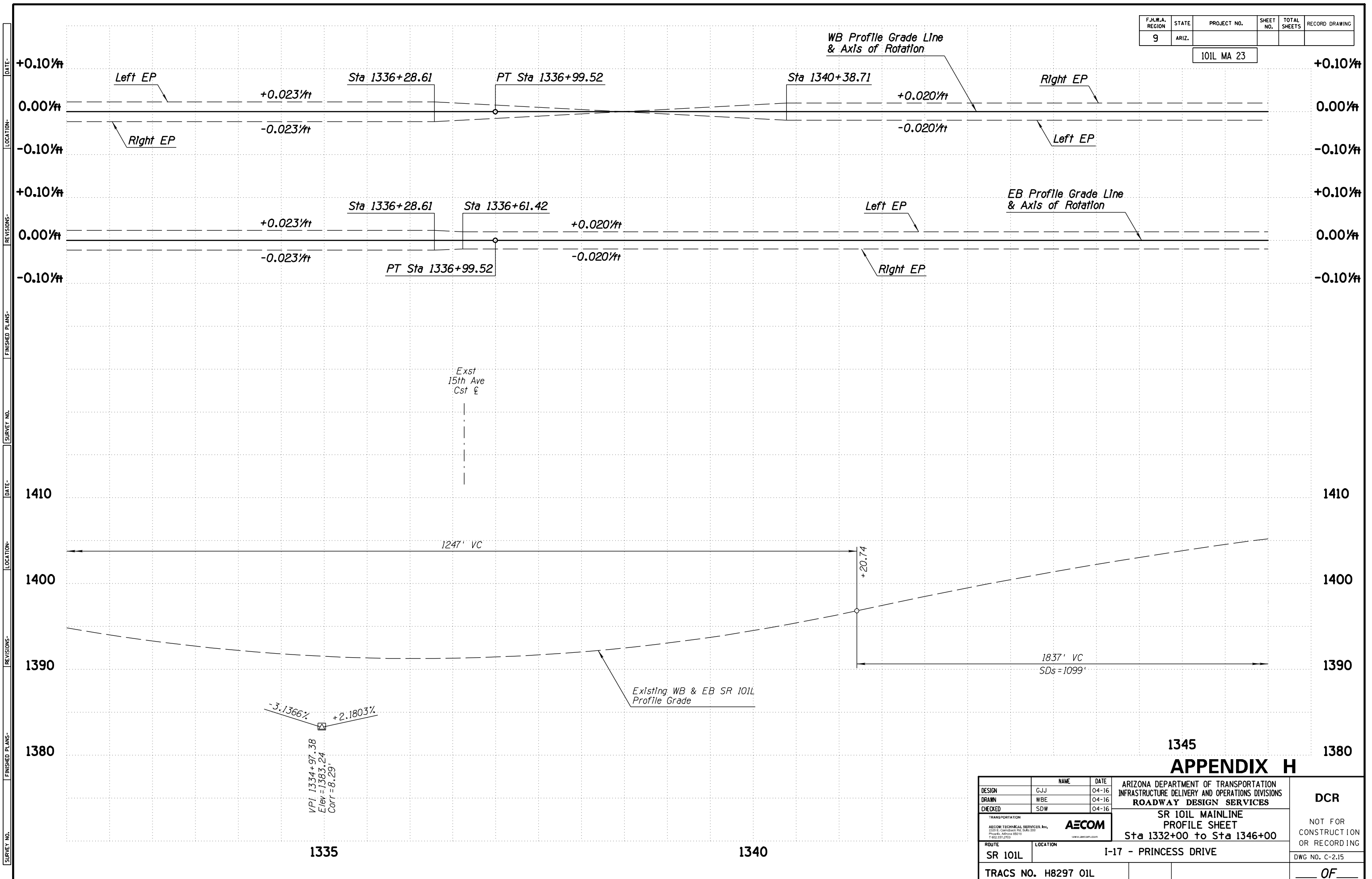
**APPENDIX H**

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd, Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com				SR 101L MAINLINE PLAN SHEET Sta 1332+00 to Sta 1346+00	NOT FOR CONSTRUCTION OR RECORDING
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L					OF



F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23

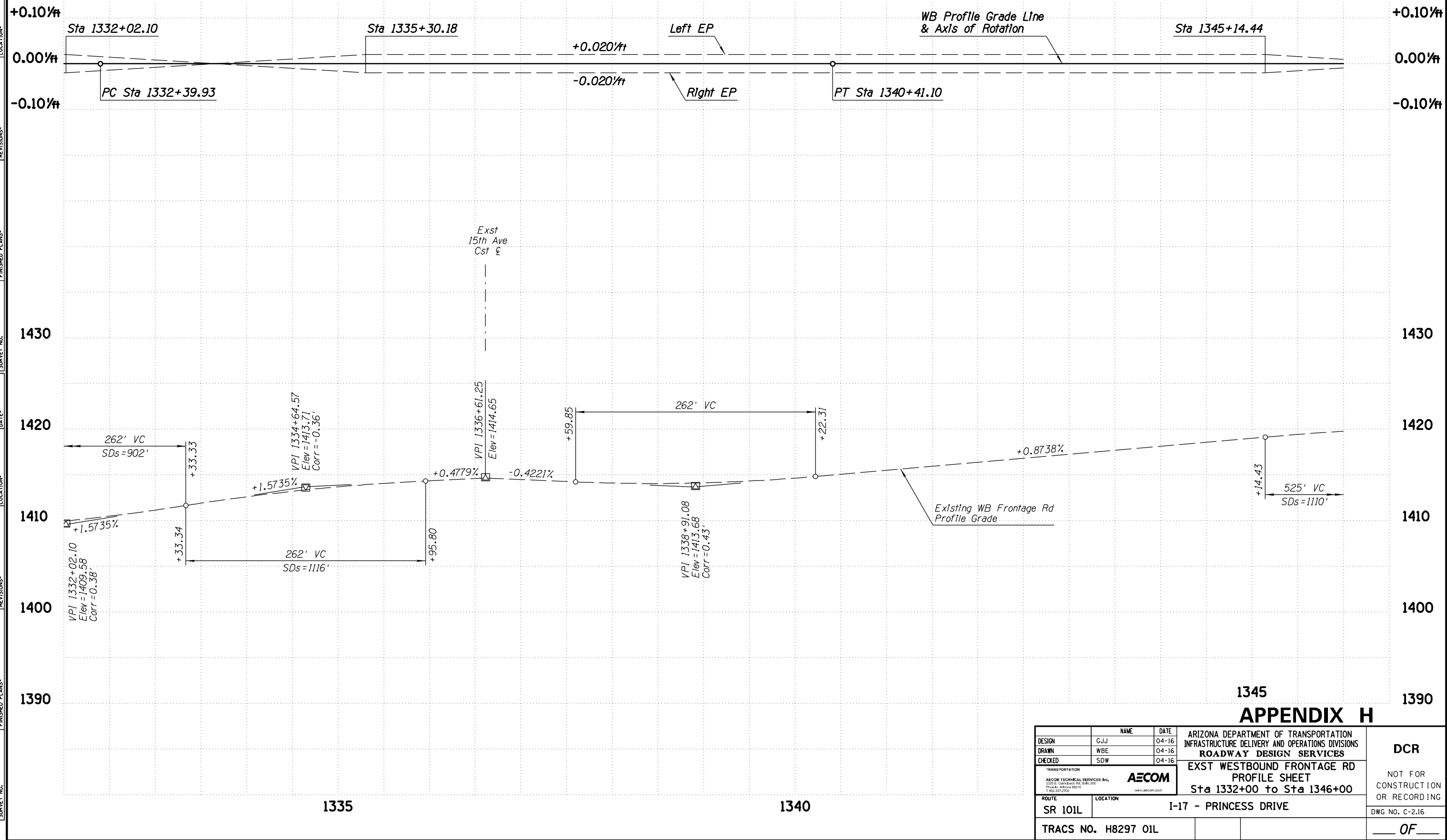


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DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION					<b>SR 101L MAINLINE PROFILE SHEET Sta 1332+00 to Sta 1346+00</b>
ROUTE	LOCATION	I-17 - PRINCESS DRIVE			
SR 101L				DWG NO. C-2.15	NOT FOR CONSTRUCTION OR RECORDING
TRACS NO. H8297 01L					OF

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23

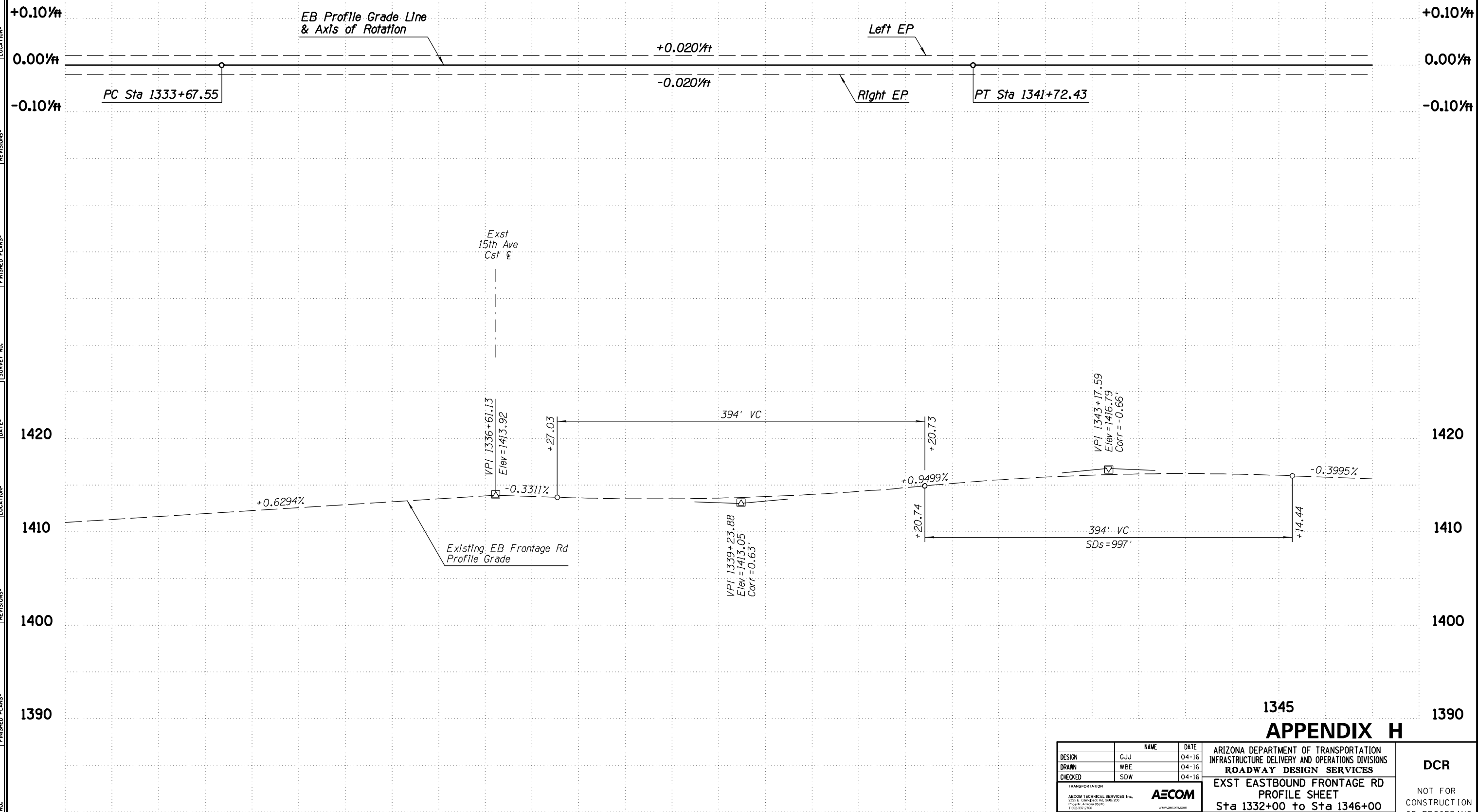


## APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 <b>AECOM</b> www.aecom.com				EXST WESTBOUND FRONTAGE RD PROFILE SHEET Sta 1332+00 to Sta 1346+00	NOT FOR CONSTRUCTION OR RECORDING DWG NO. C-2.16 OF
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L					

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



DATE: LOCATION: REVISIONS: FINISHED PLANS: SURVEY NO.

1335

1340

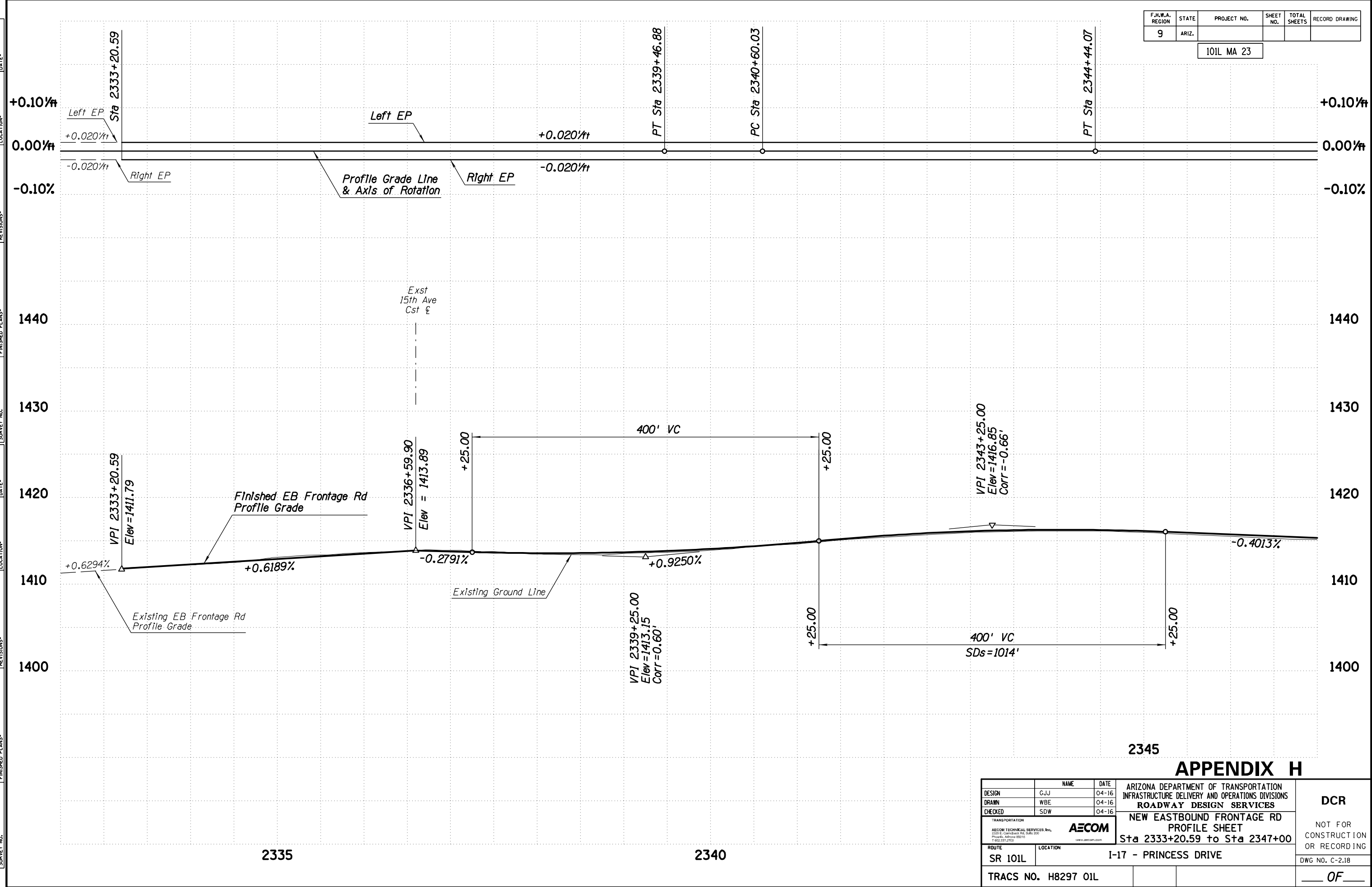
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### APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION					<b>EXST EASTBOUND FRONTAGE RD PROFILE SHEET Sta 1332+00 to Sta 1346+00</b>
ROUTE	LOCATION	I-17 - PRINCESS DRIVE			
SR 101L				DWG NO. C-2.17	NOT FOR CONSTRUCTION OR RECORDING
TRACS NO. H8297 01L					OF

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



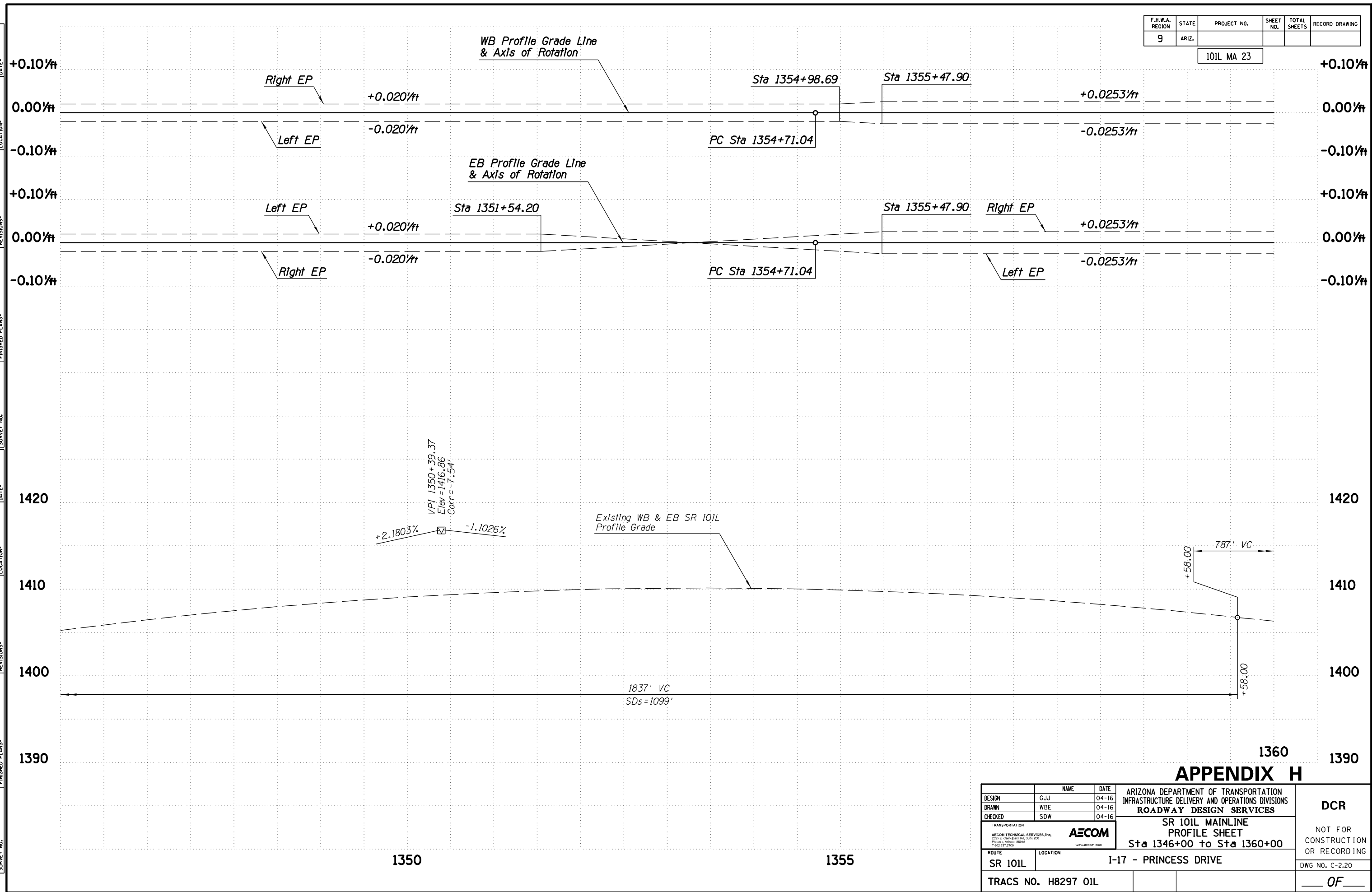
### APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd, Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com				NEW EASTBOUND FRONTAGE RD PROFILE SHEET Sta 2333+20.59 to Sta 2347+00	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L				DWG NO. C-2.18	
				NOT FOR CONSTRUCTION OR RECORDING	
				OF	



F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



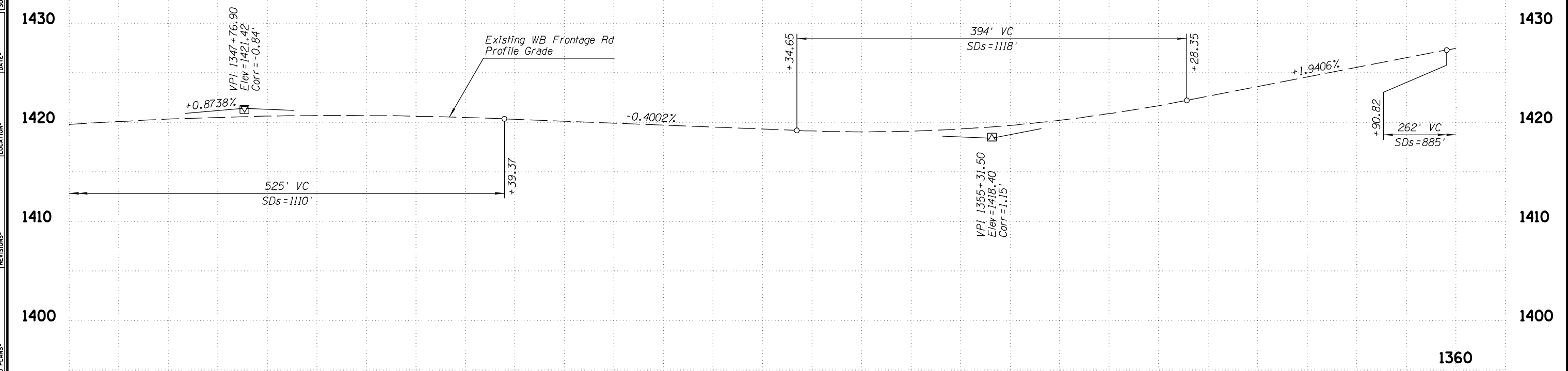
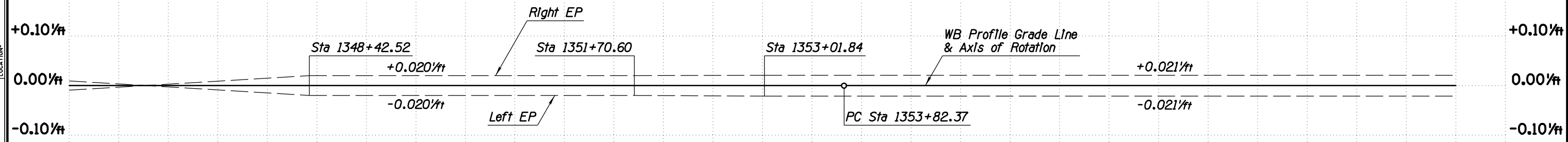
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### APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com				<b>AECOM</b> SR 101L MAINLINE PROFILE SHEET Sta 1346+00 to Sta 1360+00	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L				DWG NO. C-2.20	
				NOT FOR CONSTRUCTION OR RECORDING	
				OF	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



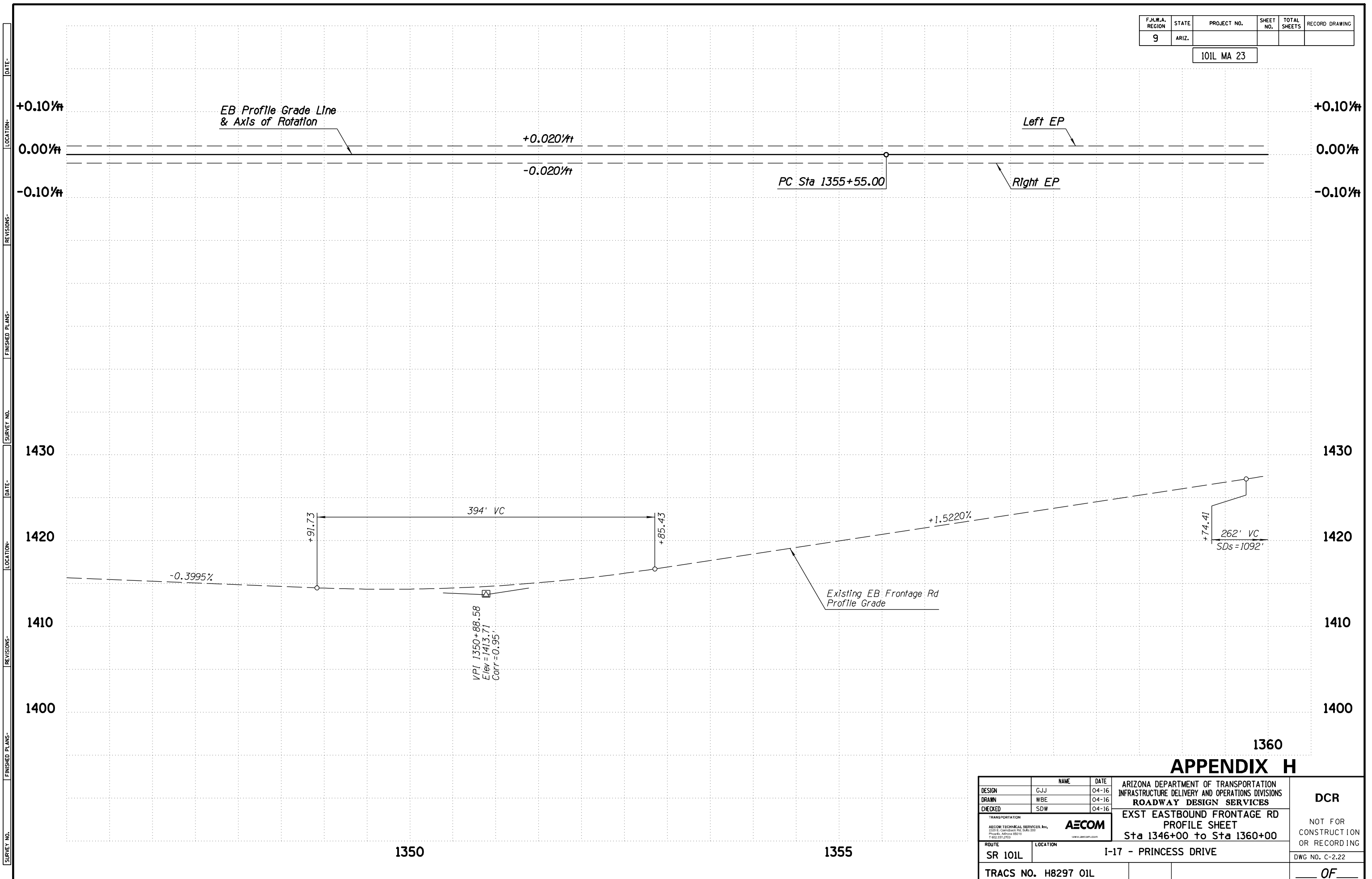
### APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION					EXST WESTBOUND FRONTAGE RD PROFILE SHEET Sta 1346+00 to Sta 1360+00
ROUTE	LOCATION	I-17 - PRINCESS DRIVE			
SR 101L				DWG NO. C-2.21	NOT FOR CONSTRUCTION OR RECORDING
TRACS NO. H8297 01L					OF

SURVEY NO. FINISHED PLANS DATE REVISIONS LOCATION DATE FINISHED PLANS SURVEY NO. REVISIONS LOCATION DATE

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



DATE: \_\_\_\_\_  
 LOCATION: \_\_\_\_\_  
 REVISIONS: \_\_\_\_\_  
 FINISHED PLANS: \_\_\_\_\_  
 SURVEY NO.: \_\_\_\_\_  
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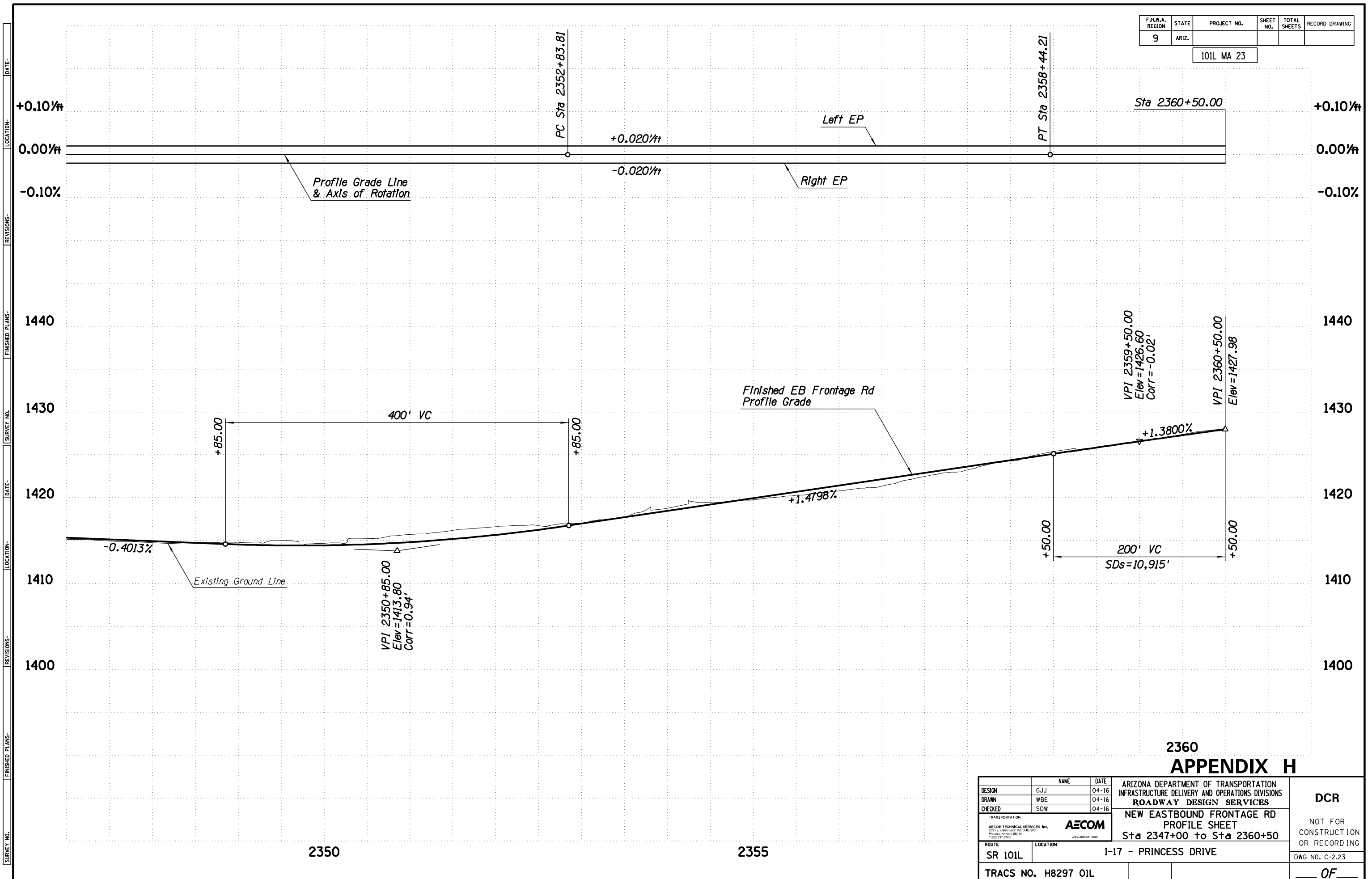
### APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b> EXST EASTBOUND FRONTAGE RD PROFILE SHEET Sta 1346+00 to Sta 1360+00	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com				<b>AECOM</b>	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L			DWG NO. C-2.22		
			OF		



F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



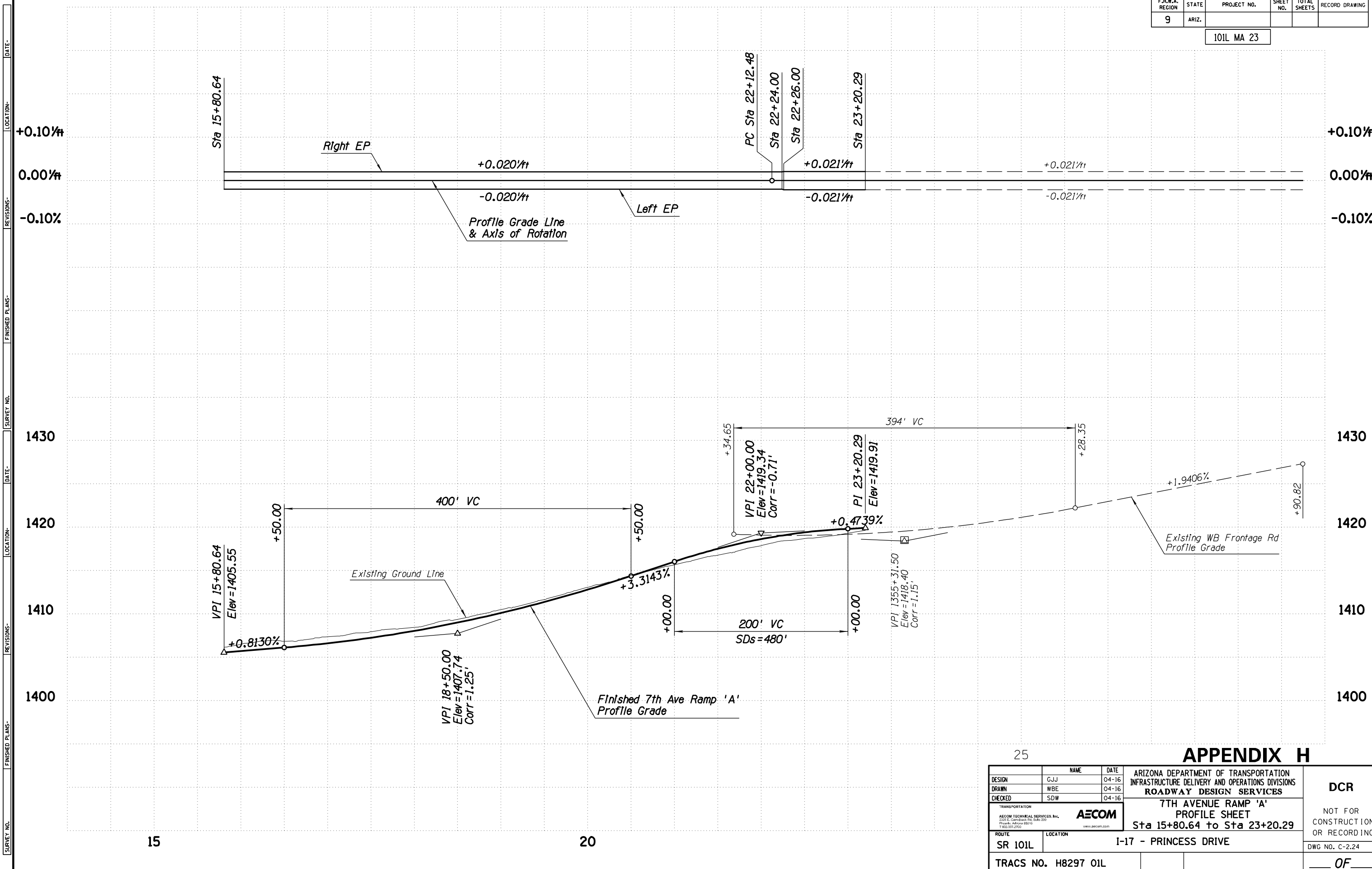
SURVEY NO. FINISHED PLANS REVISIONS DATE SURVEY NO. FINISHED PLANS REVISIONS DATE LOCATION DATE SURVEY NO. FINISHED PLANS REVISIONS DATE SURVEY NO. FINISHED PLANS REVISIONS DATE

**2360 APPENDIX H**

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b> NEW EASTBOUND FRONTAGE RD PROFILE SHEET Sta 2347+00 to Sta 2360+50	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION <small>AECOM TECHNICAL SERVICES, Inc.          2325 E. Camelback Rd., Suite 200          Phoenix, Arizona 85016          T 602.337.2700</small>				<b>AECOM</b> <small>www.aecom.com</small>	
ROUTE	LOCATION	I-17 - PRINCESS DRIVE			
SR 101L					
TRACS NO. H8297 01L				DWG NO. C-2.23	
				OF	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



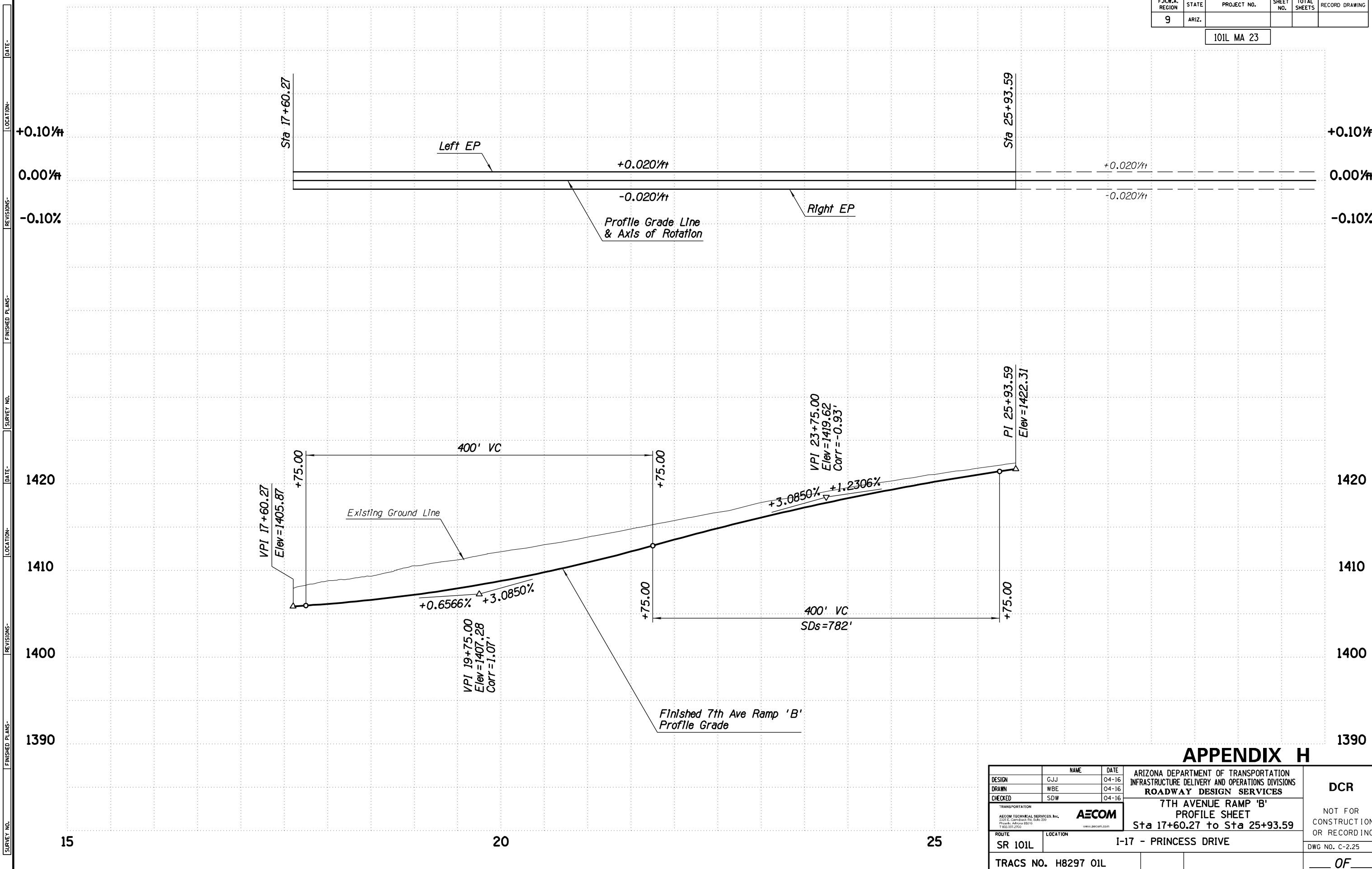
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### APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd, Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com				<b>AECOM</b> 7TH AVENUE RAMP 'A' PROFILE SHEET Sta 15+80.64 to Sta 23+20.29	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L				DWG NO. C-2.24	
				NOT FOR CONSTRUCTION OR RECORDING	
				OF	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



### APPENDIX H

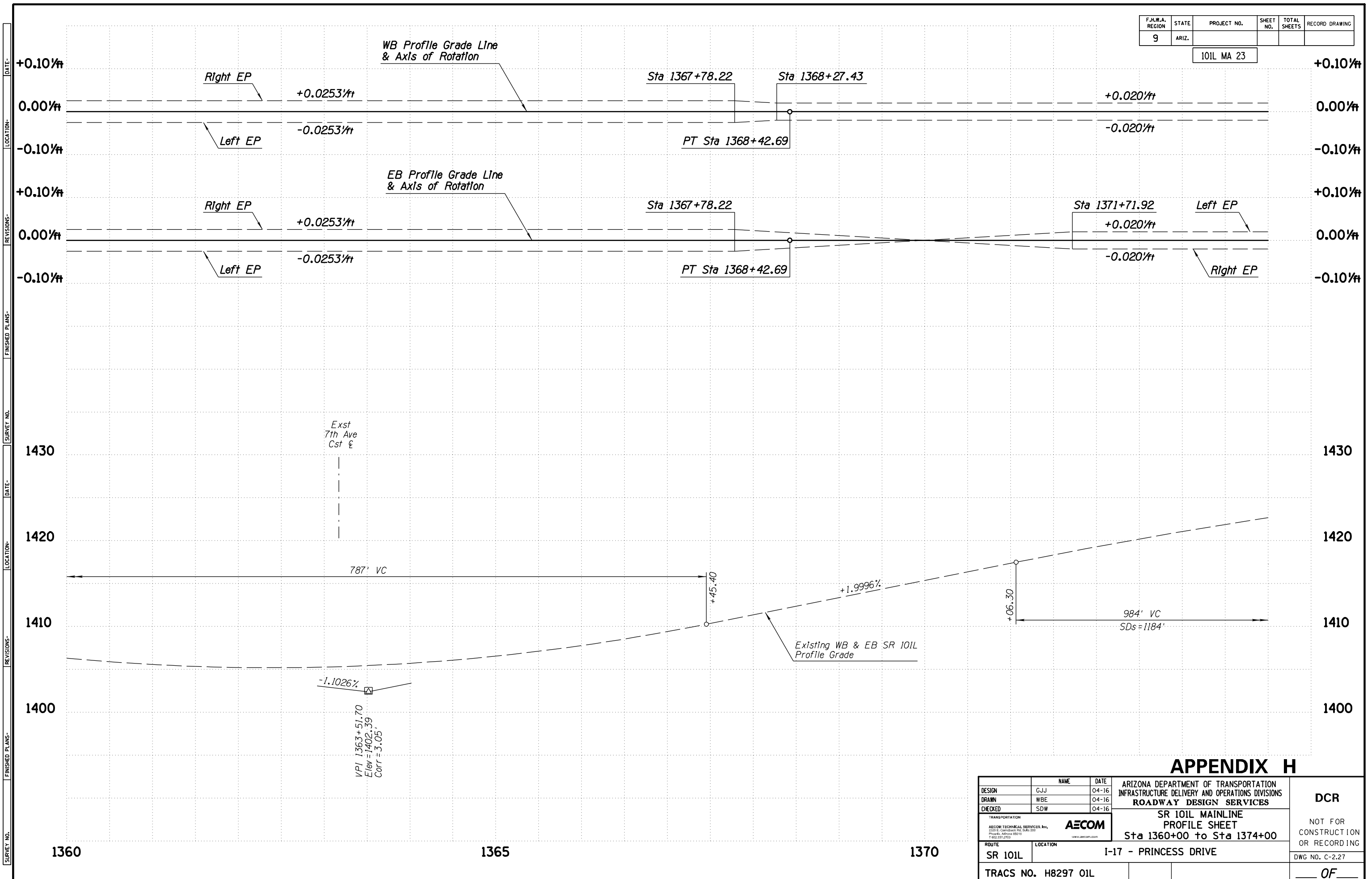
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DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com				<b>AECOM</b> 7TH AVENUE RAMP 'B' PROFILE SHEET Sta 17+60.27 to Sta 25+93.59	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L				DWG NO. C-2.25	
				NOT FOR CONSTRUCTION OR RECORDING	
				OF	

SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE  
 FINISHED PLANS REVISIONS LOCATION DATE  
 SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE



F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

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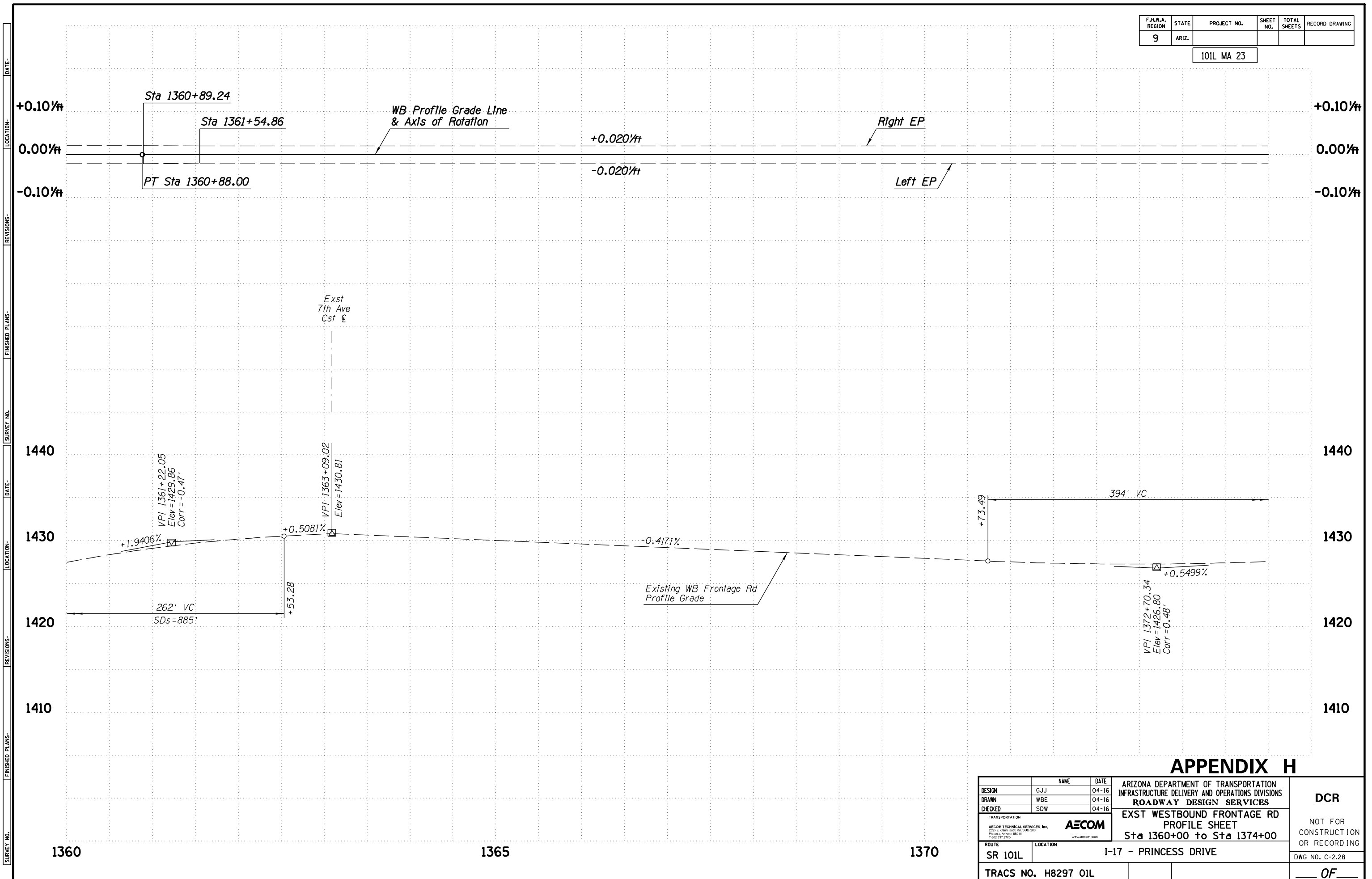


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 FINISHED PLANS: \_\_\_\_\_  
 SURVEY NO.: \_\_\_\_\_  
 DATE: \_\_\_\_\_  
 LOCATION: \_\_\_\_\_  
 REVISIONS: \_\_\_\_\_  
 FINISHED PLANS: \_\_\_\_\_  
 SURVEY NO.: \_\_\_\_\_

DESIGN		NAME	DATE	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>  <b>SR 101L MAINLINE          PROFILE SHEET          Sta 1360+00 to Sta 1374+00</b>	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING
DRAWN		GJJ	04-16		
CHECKED		WBE	04-16		
		SDW	04-16		
ROUTE		TRANSPORTATION <b>AECOM</b> <small>AECOM TECHNICAL SERVICES, Inc.          2525 E. Camelback Rd., Suite 200          Phoenix, Arizona 85016          T 602.337.2700</small>			DWG NO. C-2.27 OF
SR 101L		LOCATION I-17 - PRINCESS DRIVE			
TRACS NO. H8297 01L					

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



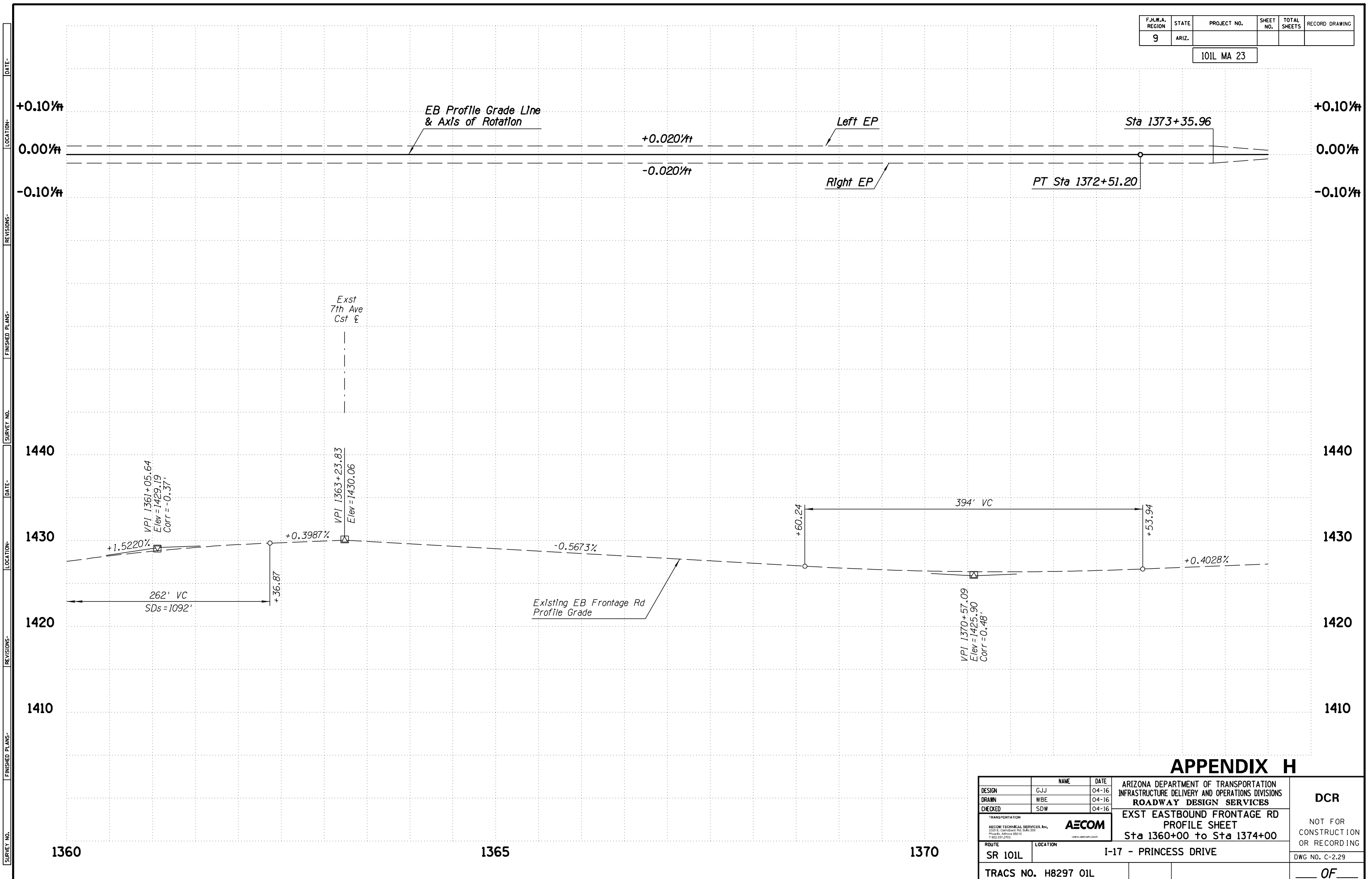
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### APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b> EXST WESTBOUND FRONTAGE RD PROFILE SHEET Sta 1360+00 to Sta 1374+00	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION <small>AECOM TECHNICAL SERVICES, Inc.          2525 E. Camelback Rd, Suite 200          Phoenix, Arizona 85016          T 602.337.2700</small>				<b>AECOM</b> <small>www.aecom.com</small>	
ROUTE	LOCATION	I-17 - PRINCESS DRIVE			
SR 101L					
TRACS NO. H8297 01L				DWG NO. C-2.28 OF	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



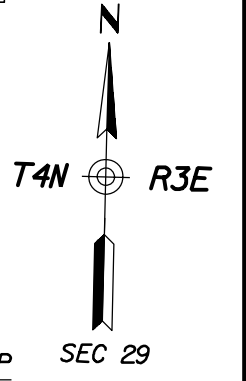
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 FINISHED PLANS: \_\_\_\_\_  
 SURVEY NO.: \_\_\_\_\_

### APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b> EXST EASTBOUND FRONTAGE RD PROFILE SHEET Sta 1360+00 to Sta 1374+00	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com				<b>AECOM</b>	
ROUTE	LOCATION	I-17 - PRINCESS DRIVE			
SR 101L					
TRACS NO. H8297 01L				DWG NO. C-2.29 OF	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



**WB ROADWAY SECTION**

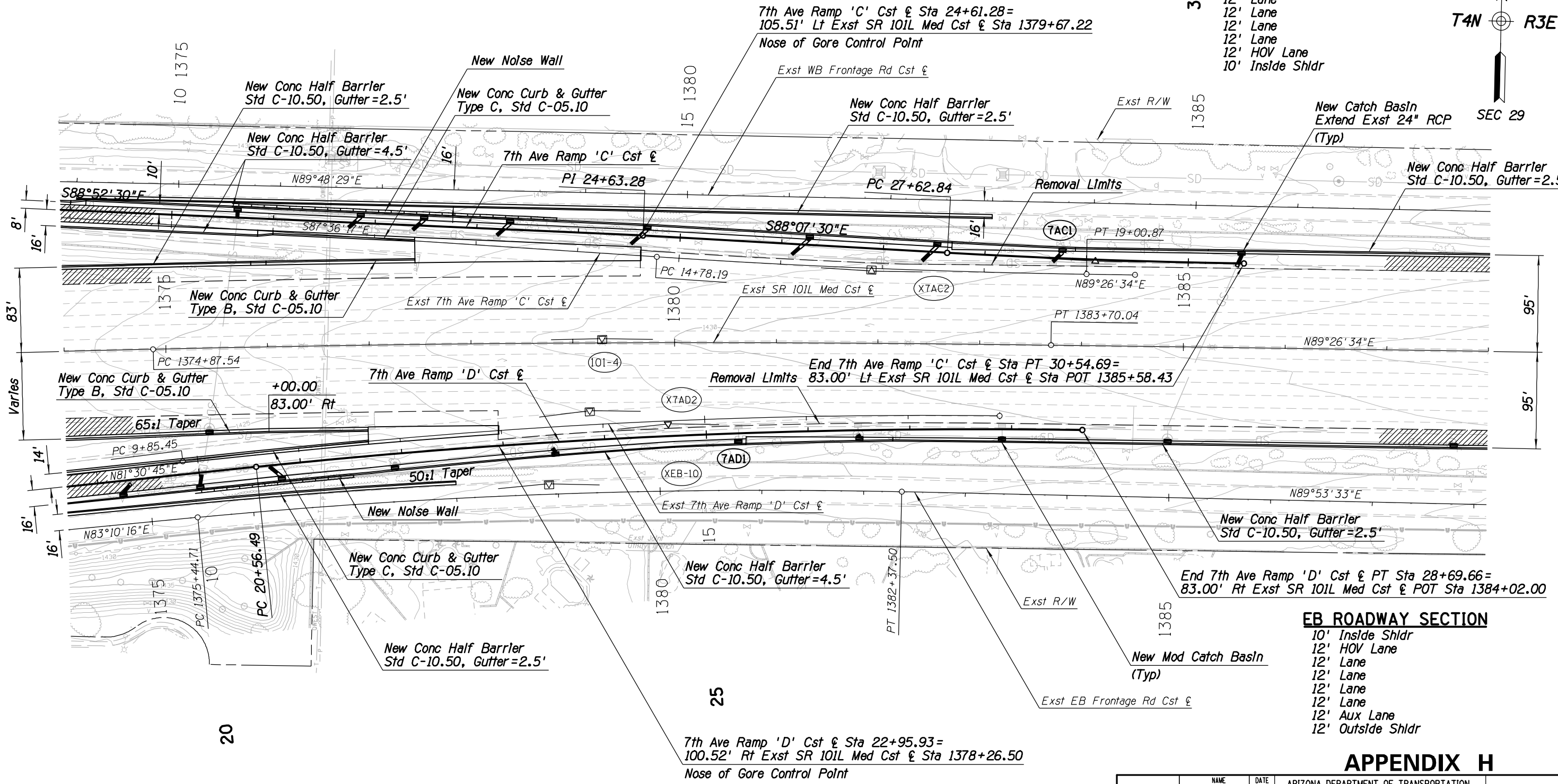
- 12' Outside Shldr
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' HOV Lane
- 10' Inside Shldr

**WB ROADWAY SECTION**

- 12' Outside Shldr
- 12' Aux Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' HOV Lane
- 10' Inside Shldr

**EB ROADWAY SECTION**

- 10' Inside Shldr
- 12' HOV Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Aux Lane
- 12' Outside Shldr



SURVEY NO. FINISHED PLANS DATE REVISIONS LOCATION FINISHED PLANS DATE REVISIONS LOCATION FINISHED PLANS DATE REVISIONS LOCATION

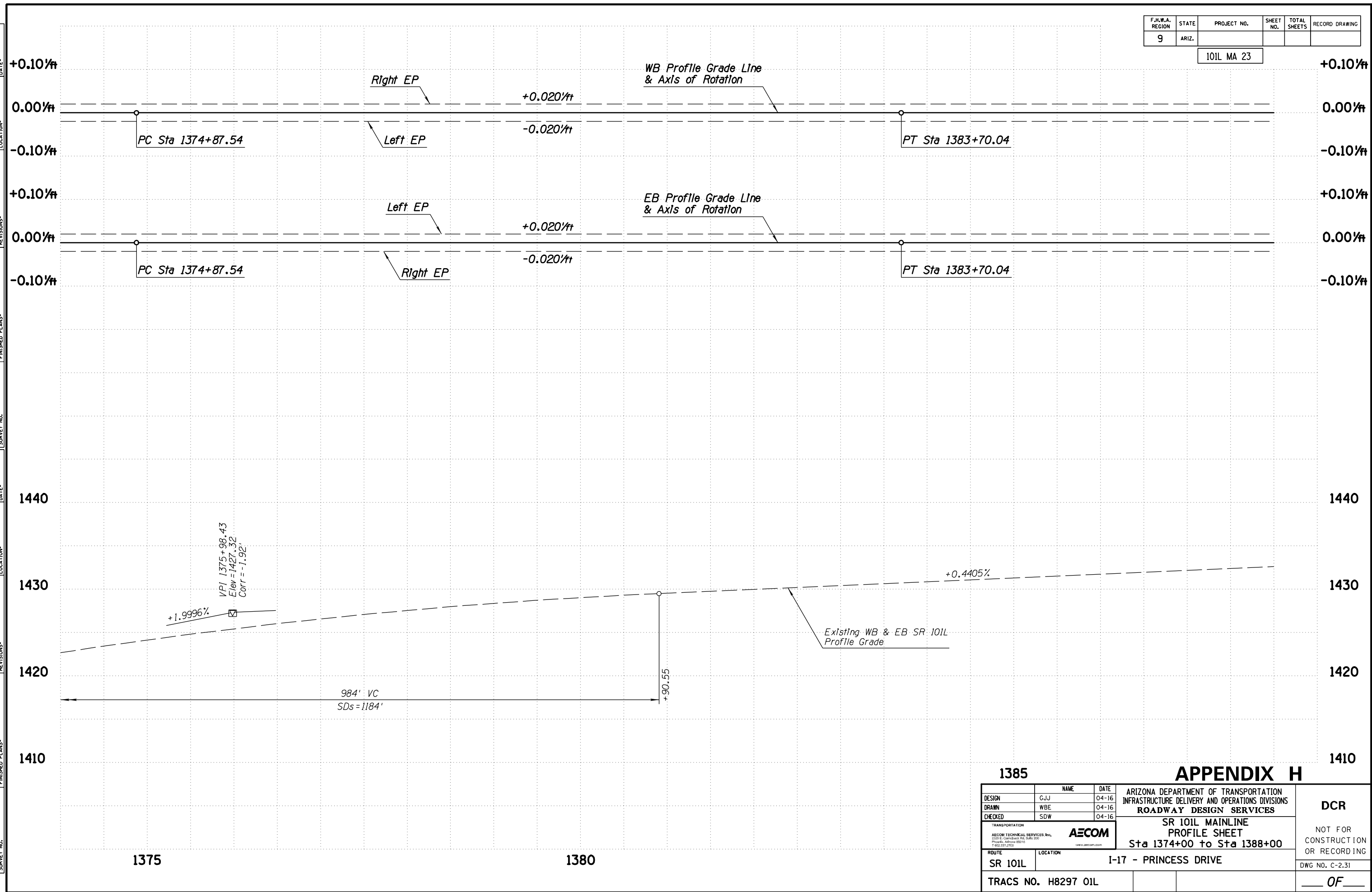
**APPENDIX H**

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com				SR 101L MAINLINE PLAN SHEET Sta 1374+00 to Sta 1388+00	NOT FOR CONSTRUCTION OR RECORDING
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L					OF



F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

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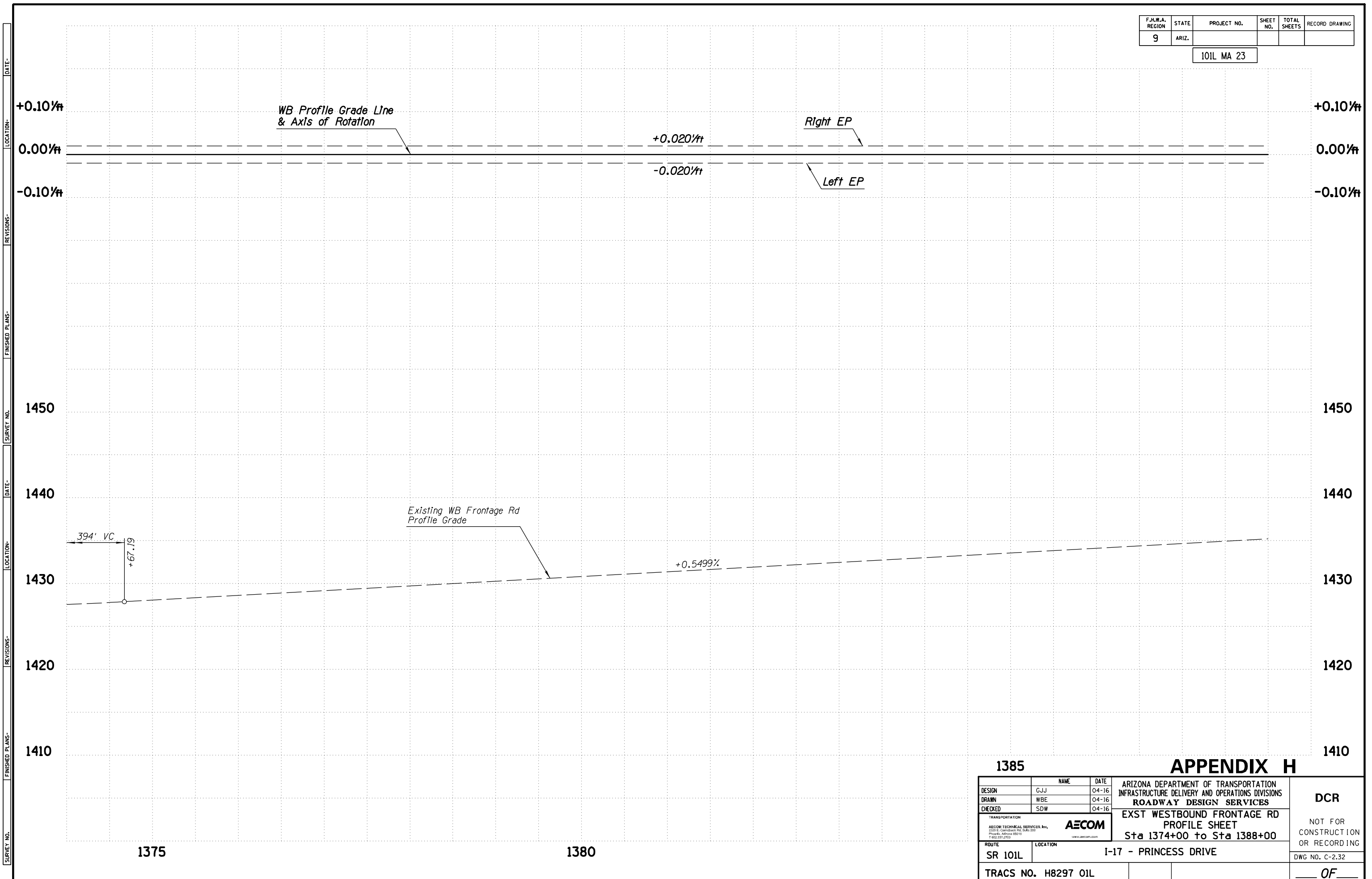


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1385		<b>APPENDIX H</b>		<b>DCR</b> NOT FOR CONSTRUCTION OR RECORDING DWG NO. C-2.31 OF
DESIGN	GJJ	DATE	04-16	
DRAWN	WBE	DATE	04-16	
CHECKED	SDW	DATE	04-16	
TRANSPORTATION <small>AECOM TECHNICAL SERVICES, Inc.          2525 E. Camelback Rd., Suite 200          Phoenix, Arizona 85016          T 602.337.2700</small>				
ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>				
<b>SR 101L MAINLINE          PROFILE SHEET          Sta 1374+00 to Sta 1388+00</b>				
ROUTE	LOCATION			
SR 101L	I-17 - PRINCESS DRIVE			
TRACS NO. H8297 01L				

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



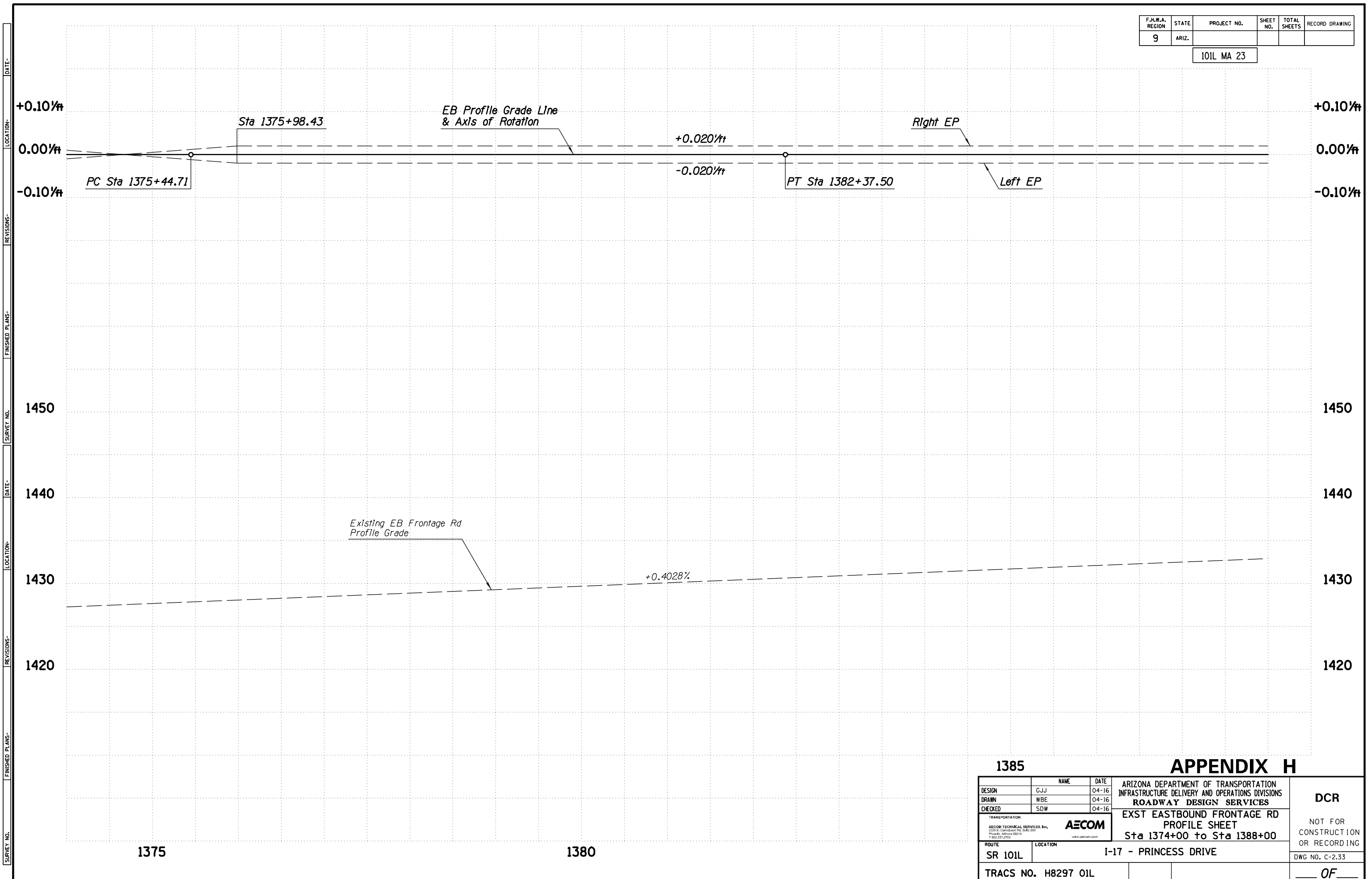
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 LOCATION: \_\_\_\_\_  
 REVISIONS: \_\_\_\_\_  
 FINISHED PLANS: \_\_\_\_\_  
 SURVEY NO.: \_\_\_\_\_

**1385 APPENDIX H**

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
<small>TRANSPORTATION</small> <small>AECOM TECHNICAL SERVICES, Inc.</small> <small>2525 E. Camelback Rd., Suite 200</small> <small>Phoenix, Arizona 85016</small> <small>T 602.337.2700</small> <small>www.aecom.com</small>				<b>EXST WESTBOUND FRONTAGE RD</b> <b>PROFILE SHEET</b> <b>Sta 1374+00 to Sta 1388+00</b>	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L			DWG NO. C-2.32		
			OF		

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



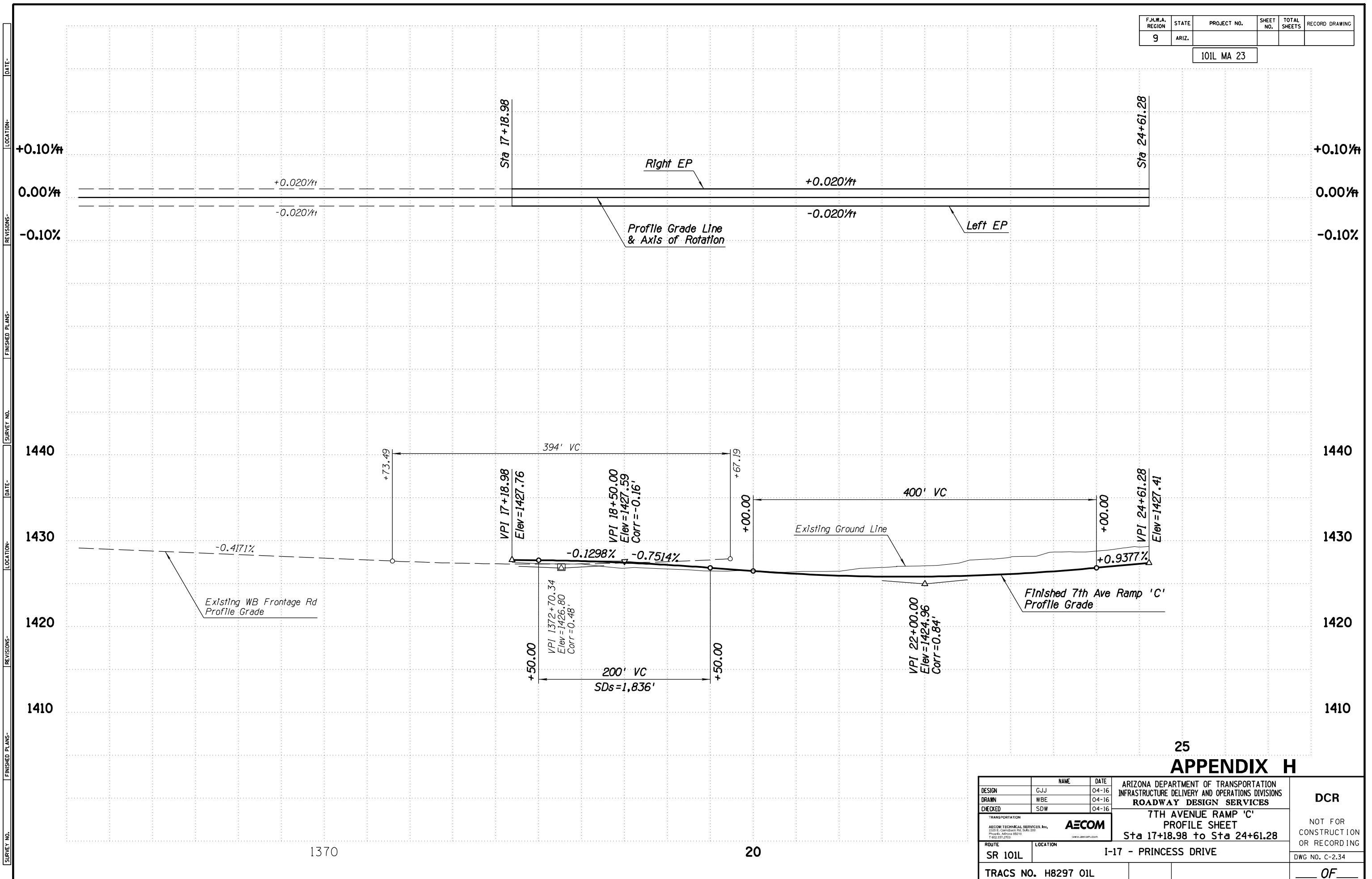
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 REVISIONS: \_\_\_\_\_  
 FINISHED PLANS: \_\_\_\_\_  
 SURVEY NO.: \_\_\_\_\_  
 DATE: \_\_\_\_\_  
 REVISIONS: \_\_\_\_\_  
 FINISHED PLANS: \_\_\_\_\_  
 SURVEY NO.: \_\_\_\_\_

**1385 APPENDIX H**

<b>DESIGN</b>	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b> EXST EASTBOUND FRONTAGE RD <b>PROFILE SHEET</b> Sta 1374+00 to Sta 1388+00	<b>DCR</b>
<b>DRAWN</b>	WBE	DATE	04-16		
<b>CHECKED</b>	SDW	DATE	04-16		
<small>TRANSPORTATION</small> <small>AECOM TECHNICAL SERVICES, Inc.</small> <small>2555 E. Camelback Rd., Suite 200</small> <small>Phoenix, Arizona 85016</small> <small>T 602.337.2700</small> <small>www.aecom.com</small>				<b>AECOM</b>	
<b>ROUTE</b>	<b>LOCATION</b>	I-17 - PRINCESS DRIVE			
SR 101L		DWG NO. C-2.33			
TRACS NO. H8297 01L				NOT FOR CONSTRUCTION OR RECORDING _____ OF _____	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



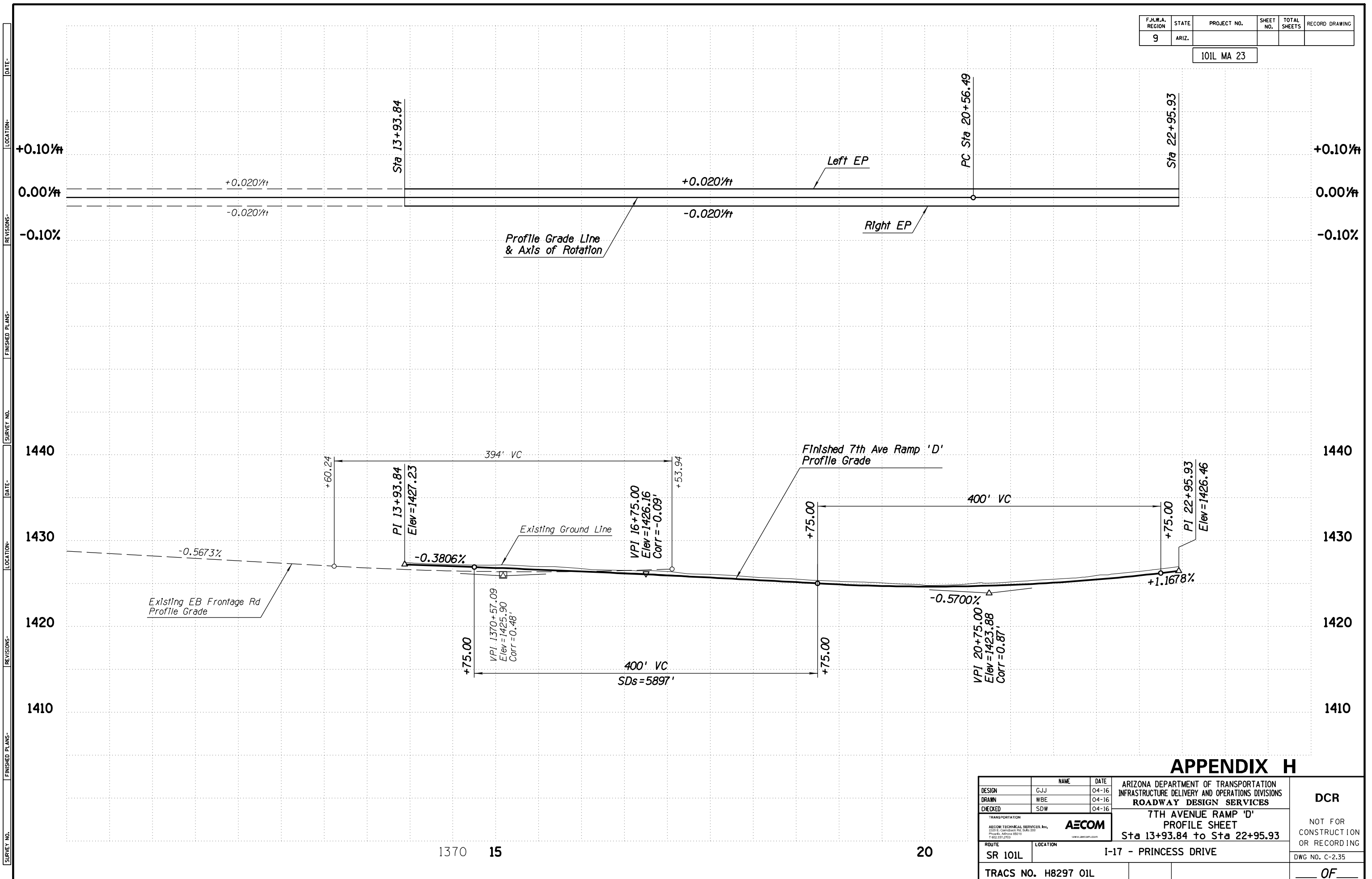
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**APPENDIX H**

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>	
DRAWN	WBE	DATE	04-16			
CHECKED	SDW	DATE	04-16			
TRANSPORTATION				<b>AECOM</b>	7TH AVENUE RAMP 'C' PROFILE SHEET Sta 17+18.98 to Sta 24+61.28	NOT FOR CONSTRUCTION OR RECORDING
AECOM TECHNICAL SERVICES, Inc. 2555 E. Camelback Rd, Suite 200 Phoenix, Arizona 85016 T: 602.337.2700 www.aecom.com						
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		DWG NO. C-2.34	
TRACS NO. H8297 01L					OF	

DATE: LOCATION: REVISIONS: FINISHED PLANS: SURVEY NO. DATE: LOCATION: REVISIONS: FINISHED PLANS: SURVEY NO.

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



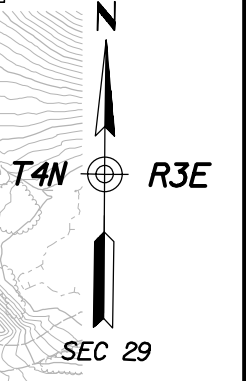
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### APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com				<b>AECOM</b> <b>7TH AVENUE RAMP 'D'</b> <b>PROFILE SHEET</b> <b>Sta 13+93.84 to Sta 22+95.93</b>	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L			DWG NO. C-2.35		OF

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23

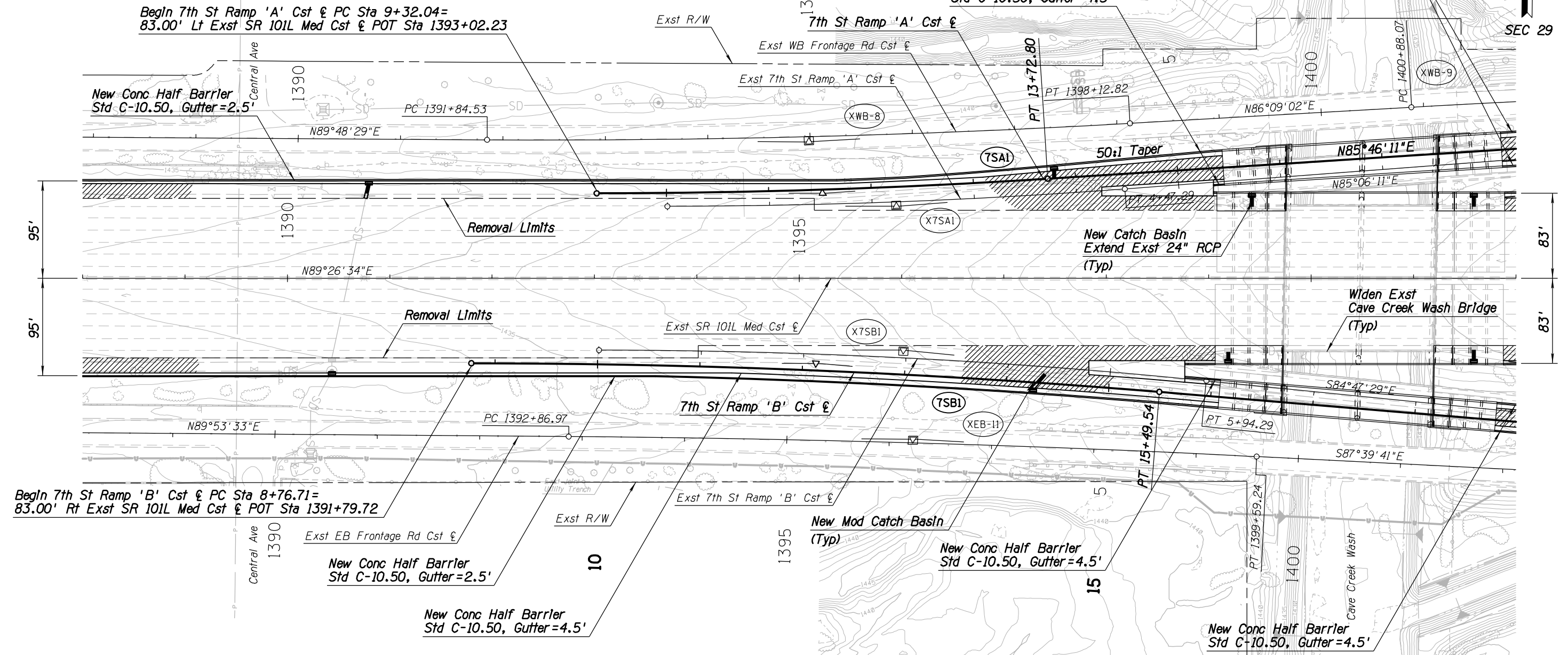


**WB ROADWAY SECTION**

- 12' Outside Shldr
- 11' Aux Lane
- 11' Lane
- 11' Lane
- 11' Lane
- 11' HOV Lane
- 10' Inside Shldr

**WB ROADWAY SECTION**

- 12' Outside Shldr
- 12' Aux Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' HOV Lane
- 10' Inside Shldr



**EB ROADWAY SECTION**

- 10' Inside Shldr
- 12' HOV Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Aux Lane
- 12' Outside Shldr

**EB ROADWAY SECTION**

- 10' Inside Shldr
- 11' HOV Lane
- 11' Lane
- 11' Lane
- 11' Lane
- 11' Lane
- 11' Aux Lane
- 12' Outside Shldr

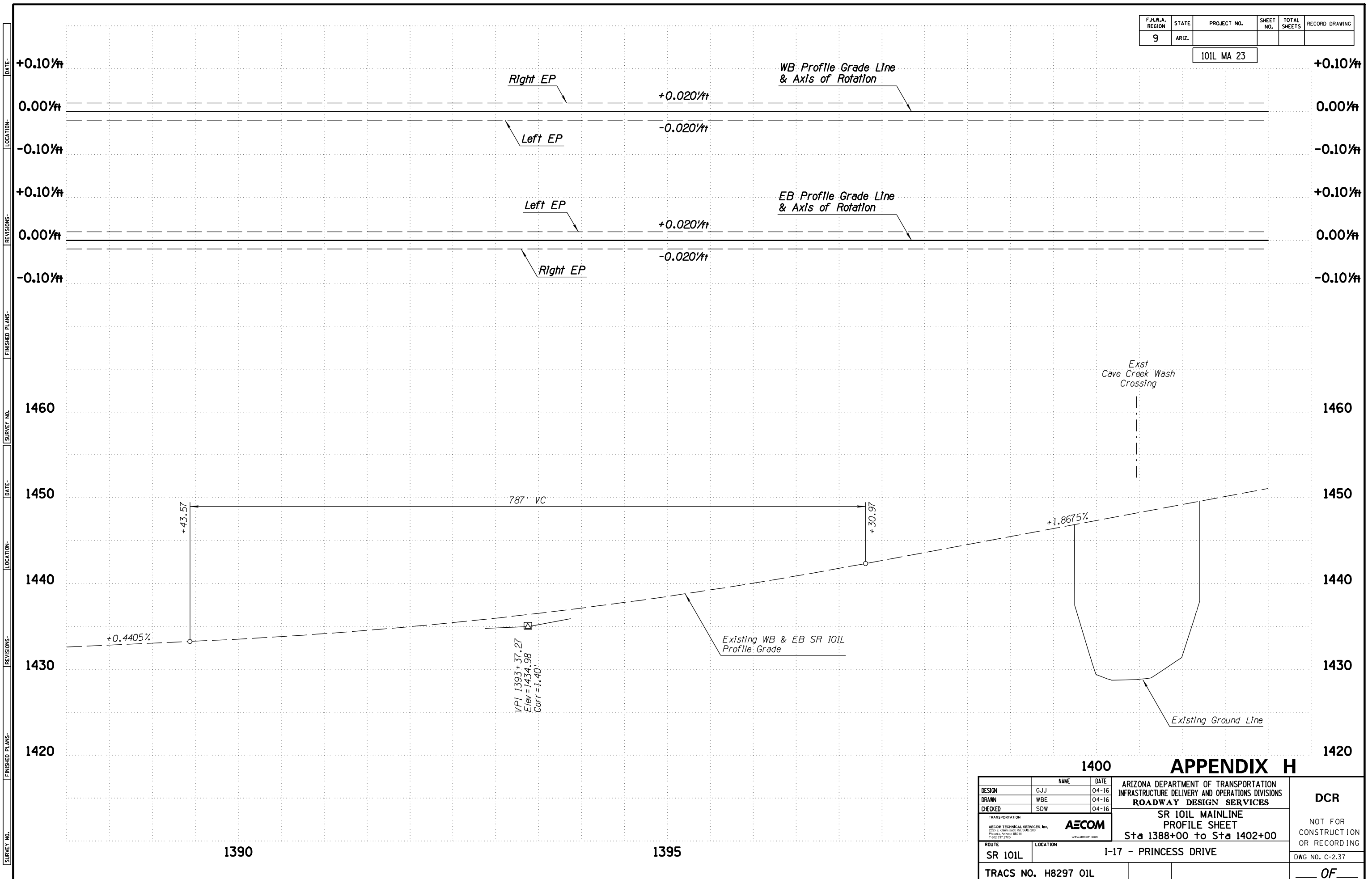
**APPENDIX H**

DESIGN	NAME	DATE	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR		
DRAWN	GJJ	04-16			SR 101L MAINLINE PLAN SHEET Sta 1388+00 to Sta 1402+00	NOT FOR CONSTRUCTION OR RECORDING
CHECKED	SDW	04-16				
<small>TRANSPORTATION</small> <small>AECOM TECHNICAL SERVICES, Inc.</small> <small>2255 E. Camelback Rd., Suite 200</small> <small>Phoenix, Arizona 85016</small> <small>T 602.337.2700</small> <small>www.aecom.com</small>			<b>AECOM</b>	DWG NO. C-2.36 <b>OF</b>		
ROUTE	LOCATION					
SR 101L	I-17 - PRINCESS DRIVE					
TRACS NO. H8297 01L						

DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_ REVISIONS: \_\_\_\_\_ SURVEY NO. \_\_\_\_\_ DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_ REVISIONS: \_\_\_\_\_ SURVEY NO. \_\_\_\_\_

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23

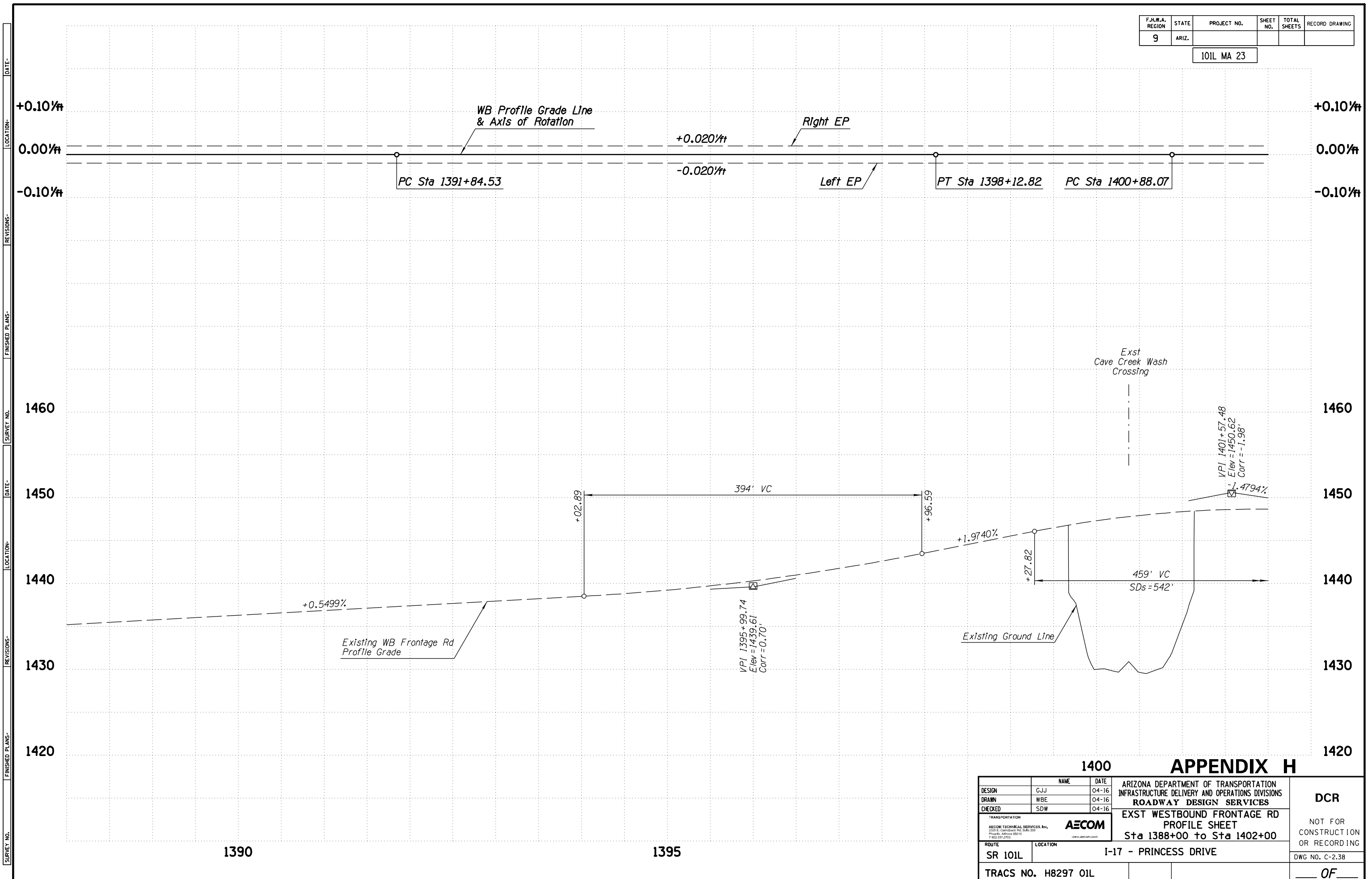


DATE: \_\_\_\_\_  
 LOCATION: \_\_\_\_\_  
 REVISIONS: \_\_\_\_\_  
 FINISHED PLANS: \_\_\_\_\_  
 SURVEY NO.: \_\_\_\_\_

DESIGN		GJJ	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING
DRAWN		WBE	04-16		
CHECKED		SDW	04-16		
TRANSPORTATION <small>AECOM TECHNICAL SERVICES, Inc.          2525 E. Camelback Rd., Suite 200          Phoenix, Arizona 85016          T 602.337.2700</small>				<b>AECOM</b> SR 101L MAINLINE PROFILE SHEET Sta 1388+00 to Sta 1402+00	
ROUTE	LOCATION	I-17 - PRINCESS DRIVE			
SR 101L					
TRACS NO. H8297 01L				DWG NO. C-2.37 OF	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



DATE: \_\_\_\_\_  
 LOCATION: \_\_\_\_\_  
 REVISIONS: \_\_\_\_\_  
 FINISHED PLANS: \_\_\_\_\_  
 SURVEY NO.: \_\_\_\_\_  
 DATE: \_\_\_\_\_  
 LOCATION: \_\_\_\_\_  
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 FINISHED PLANS: \_\_\_\_\_  
 SURVEY NO.: \_\_\_\_\_

1390

1395

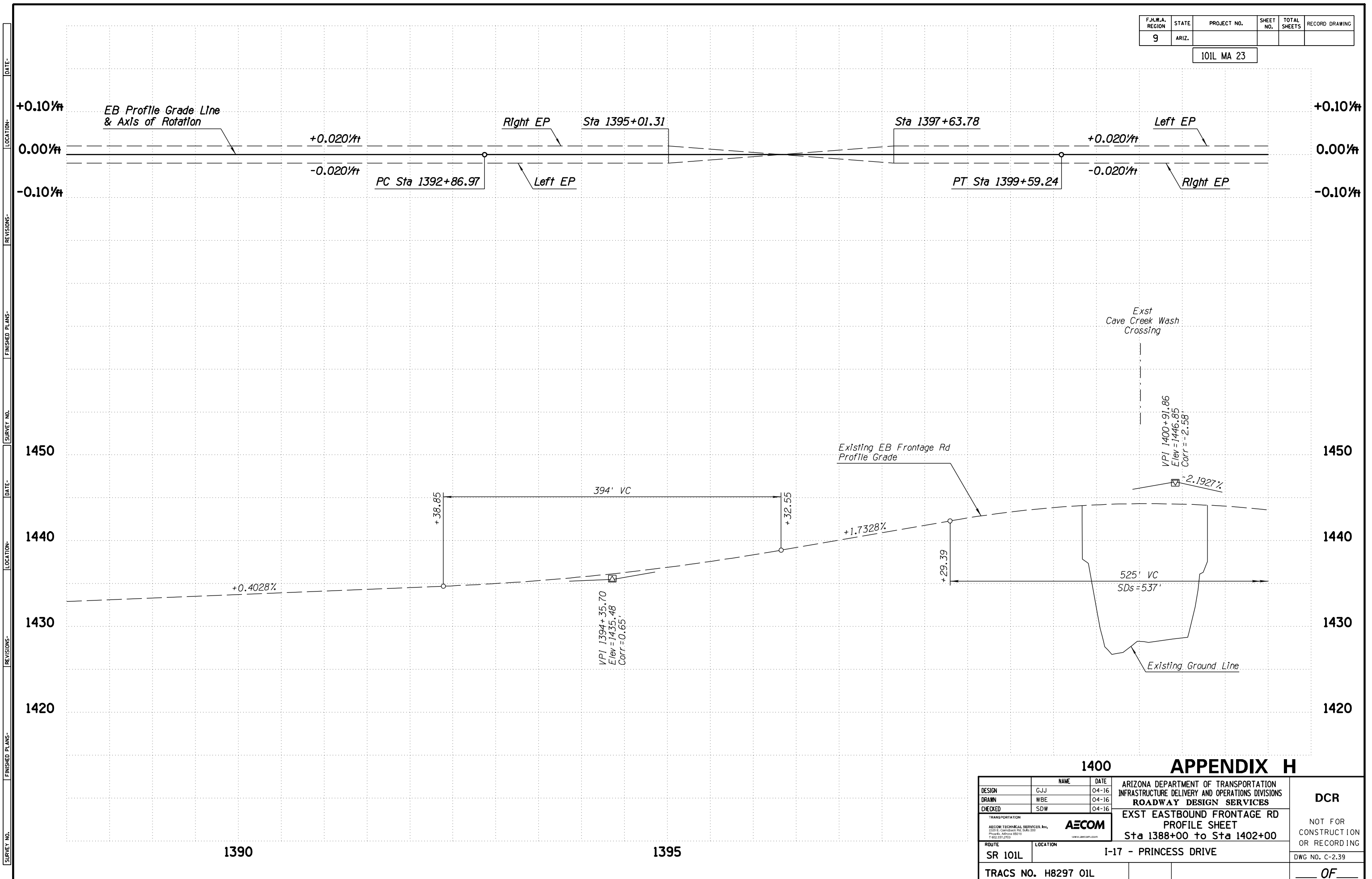
1400 **APPENDIX H**

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION <small>AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd, Suite 200 Phoenix, Arizona 85016 T 602.337.2700</small>				<b>AECOM</b> <small>www.aecom.com</small>	<b>EXST WESTBOUND FRONTAGE RD PROFILE SHEET Sta 1388+00 to Sta 1402+00</b>
ROUTE	LOCATION	I-17 - PRINCESS DRIVE			
SR 101L					
TRACS NO. H8297 01L					DWG NO. C-2.38
					OF



F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



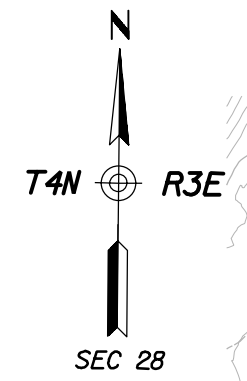
1400 APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION				AECOM	EXST EASTBOUND FRONTAGE RD PROFILE SHEET Sta 1388+00 to Sta 1402+00
AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd, Suite 200 Phoenix, Arizona 85016 T 602.337.2700					
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		DWG NO. C-2.39
TRACS NO. H8297 01L					OF

DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_ REVISIONS: \_\_\_\_\_ FINISHED PLANS: \_\_\_\_\_ SURVEY NO. \_\_\_\_\_ DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_ REVISIONS: \_\_\_\_\_ FINISHED PLANS: \_\_\_\_\_ SURVEY NO. \_\_\_\_\_

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

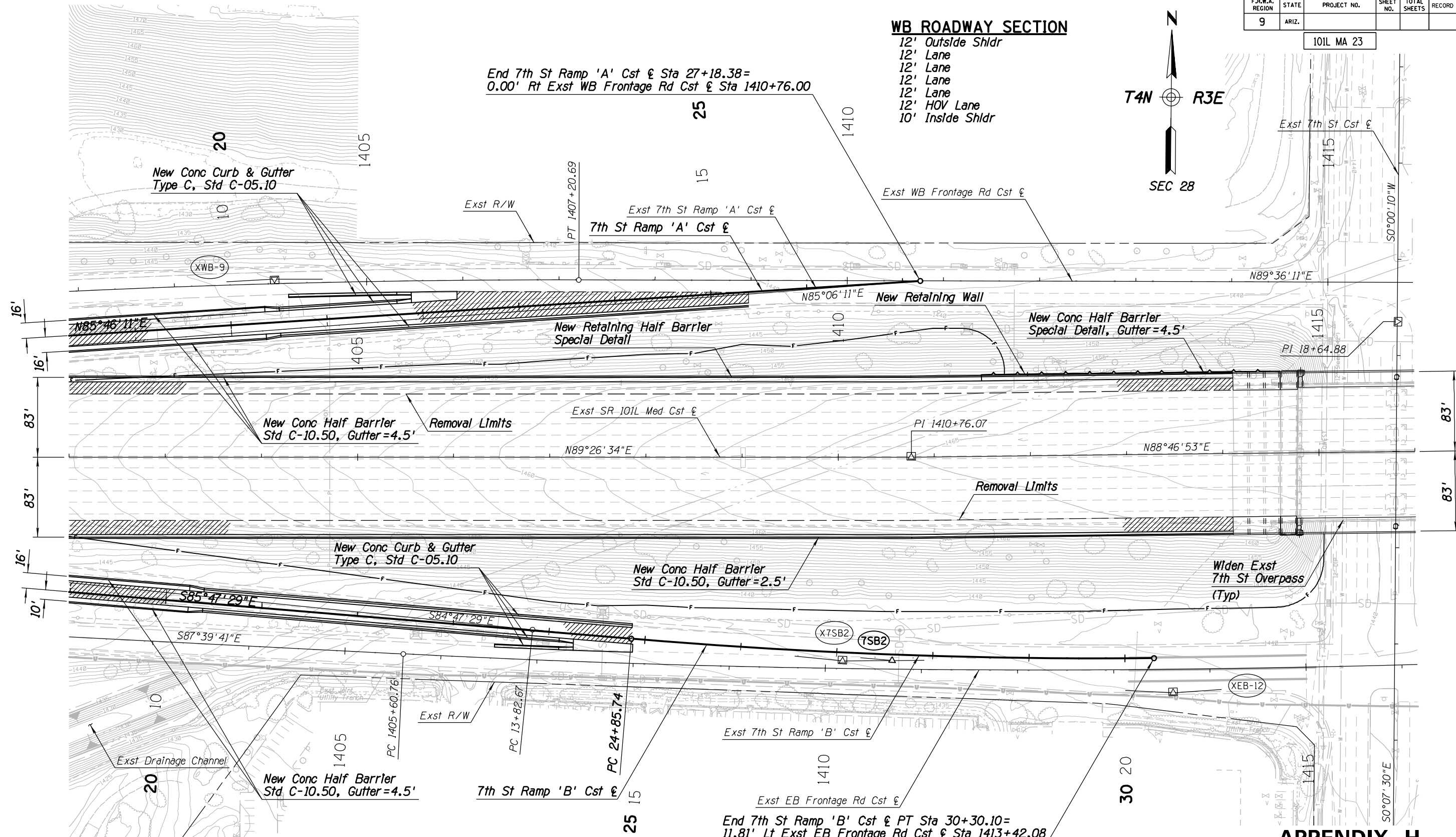
101L MA 23



**WB ROADWAY SECTION**

- 12' Outside Shldr
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' HOV Lane
- 10' Inside Shldr

End 7th St Ramp 'A' Cst @ Sta 27+18.38 =  
0.00' Rt Exst WB Frontage Rd Cst @ Sta 1410+76.00



**EB ROADWAY SECTION**

- 10' Inside Shldr
- 12' HOV Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Outside Shldr

End 7th St Ramp 'B' Cst @ PT Sta 30+30.10 =  
11.81' Lt Exst EB Frontage Rd Cst @ Sta 1413+42.08

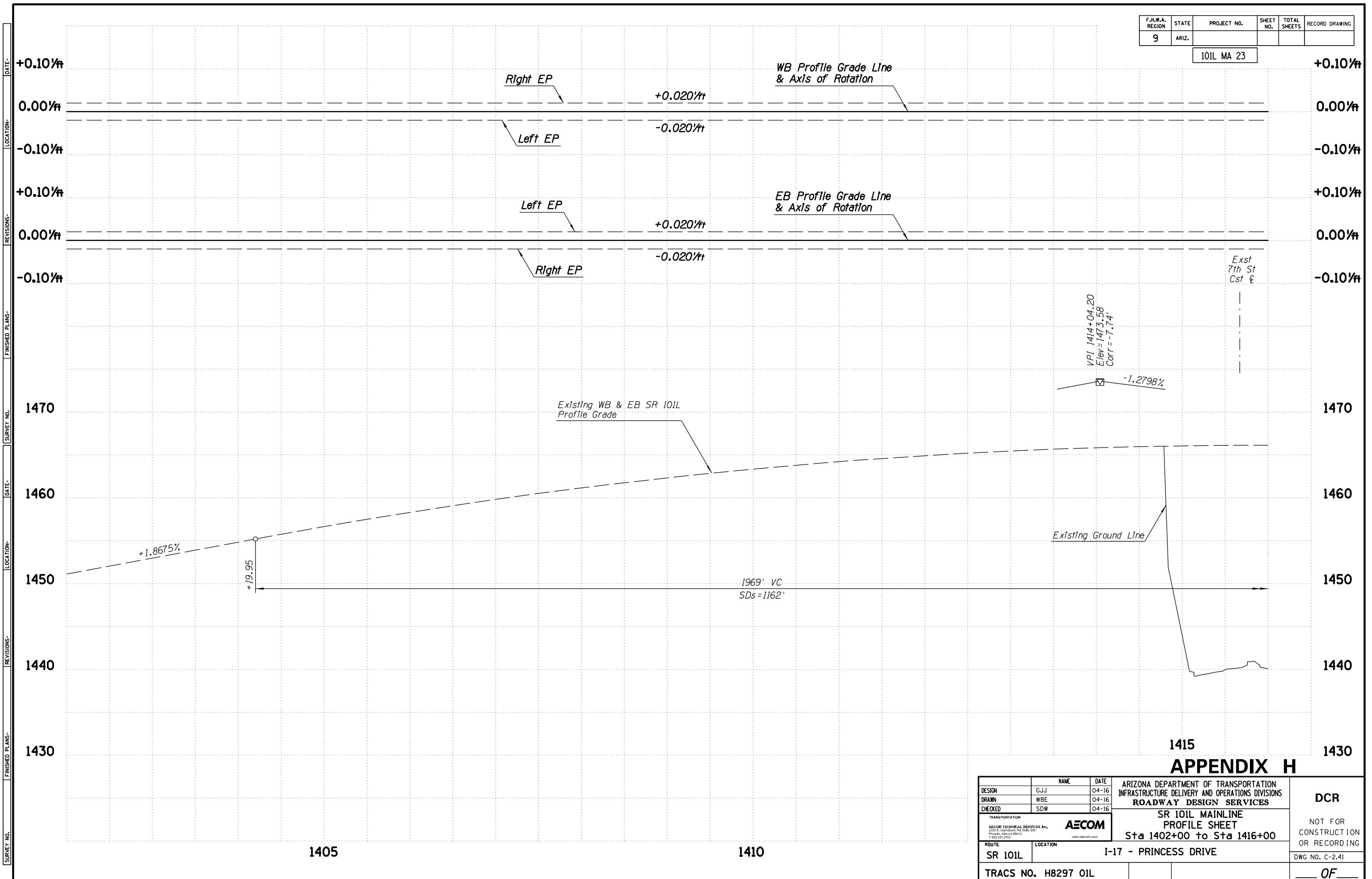
**APPENDIX H**

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION <small>AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd, Suite 200 Phoenix, Arizona 85016 T 602.337.2700</small>				<b>AECOM</b> <small>www.aecom.com</small>	<b>SR 101L MAINLINE PLAN SHEET Sta 1402+00 to Sta 1416+00</b>
ROUTE	LOCATION	I-17 - PRINCESS DRIVE			
SR 101L				DWG NO. C-2.40	NOT FOR CONSTRUCTION OR RECORDING
TRACS NO. H8297 01L					OF

SURVEY NO. FINISHED PLANS DATE REVISIONS LOCATION DATE FINISHED PLANS SURVEY NO. REVISIONS LOCATION DATE

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



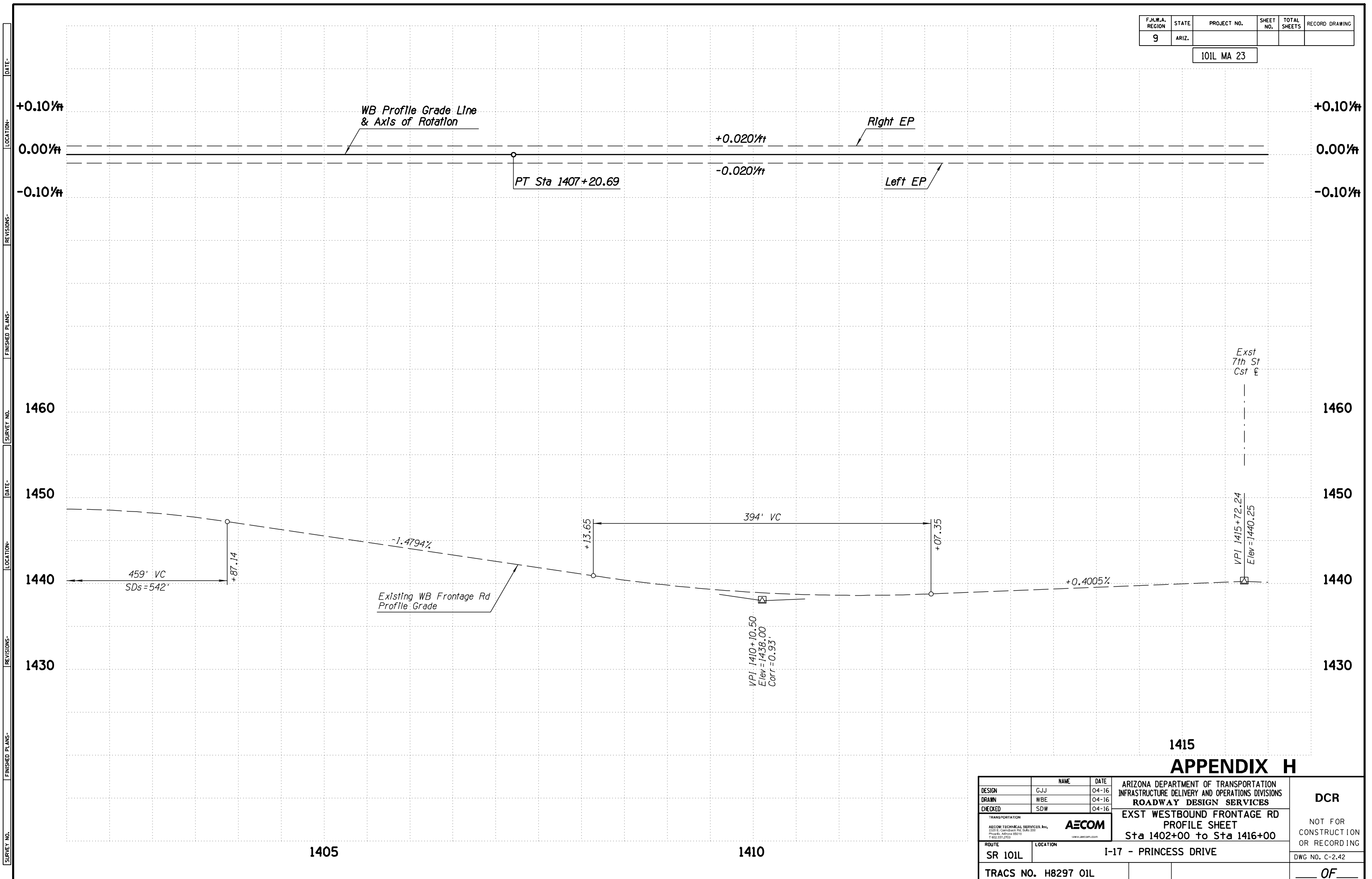
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## APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com				SR 101L MAINLINE PROFILE SHEET Sta 1402+00 to Sta 1416+00	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		DWG NO. C-2.41
TRACS NO. H8297 01L				OF	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



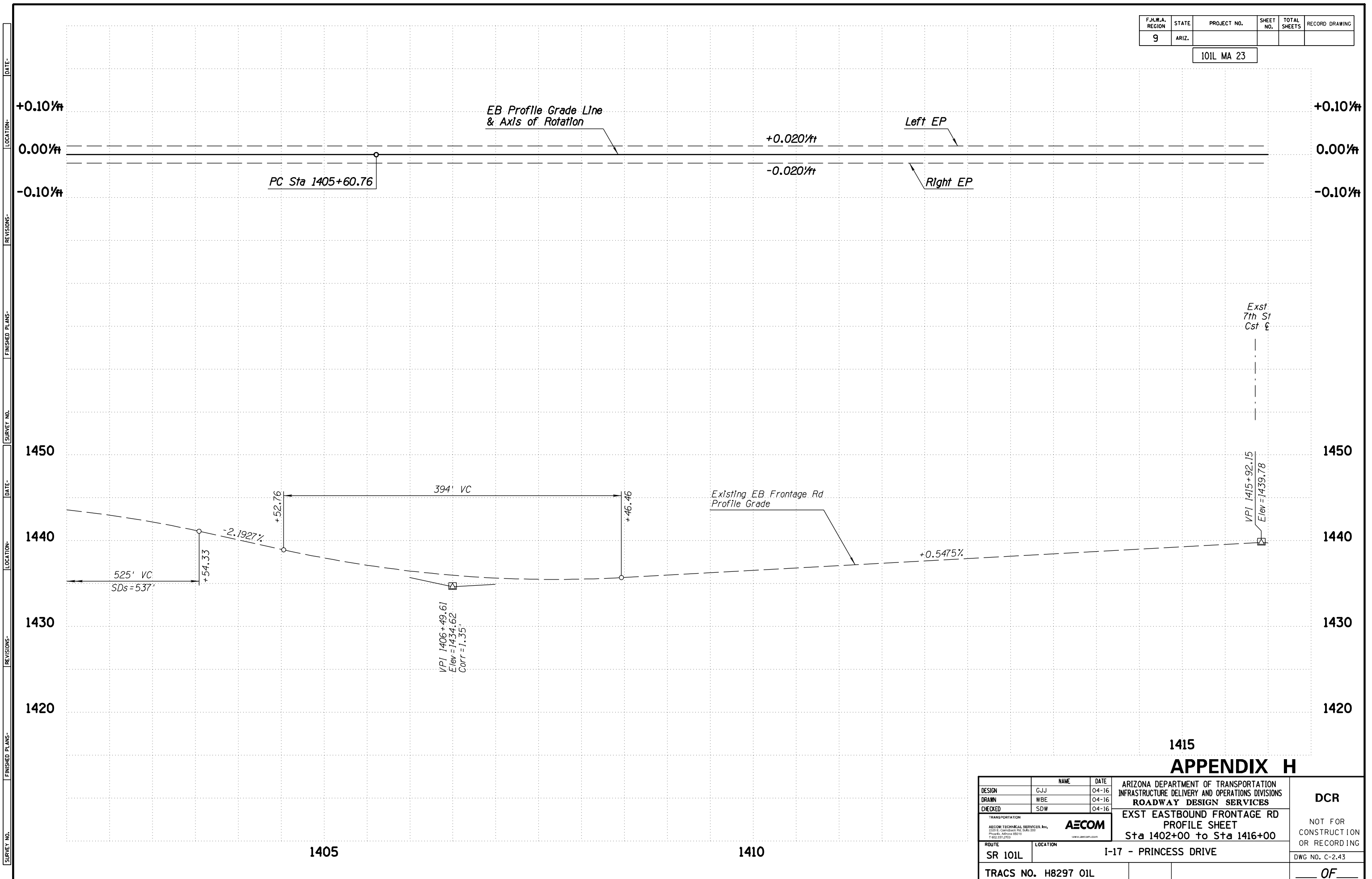
DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_ REVISIONS: \_\_\_\_\_ FINISHED PLANS: \_\_\_\_\_ SURVEY NO. \_\_\_\_\_ DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_ REVISIONS: \_\_\_\_\_ FINISHED PLANS: \_\_\_\_\_ SURVEY NO. \_\_\_\_\_

**APPENDIX H**

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com				<b>AECOM</b> EXST WESTBOUND FRONTAGE RD PROFILE SHEET Sta 1402+00 to Sta 1416+00	
ROUTE	LOCATION	SR 101L I-17 - PRINCESS DRIVE			
TRACS NO. H8297 01L				DWG NO. C-2.42 OF	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



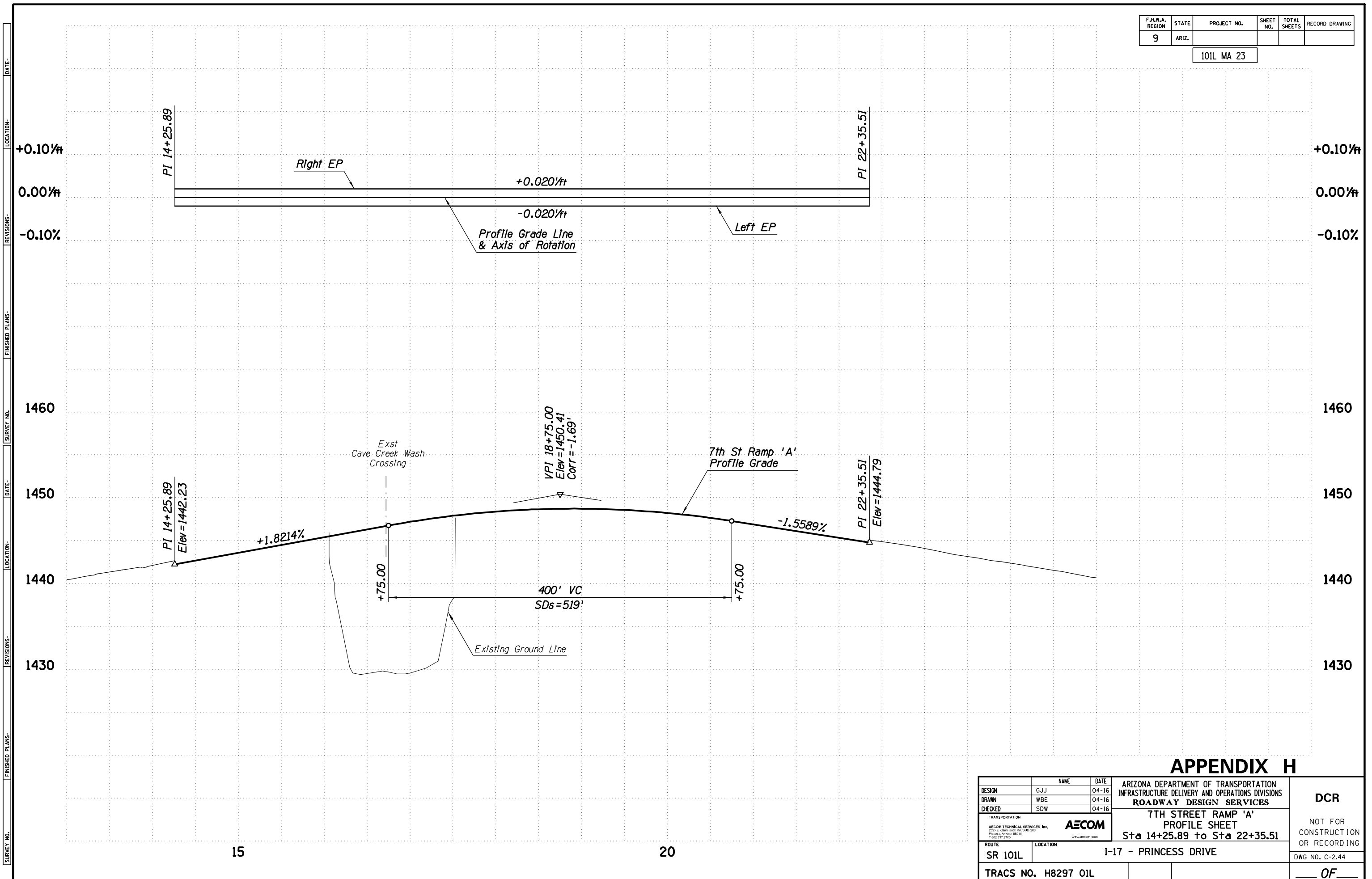
SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE

## APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b> EXST EASTBOUND FRONTAGE RD PROFILE SHEET Sta 1402+00 to Sta 1416+00	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2555 E. Camelback Rd, Suite 200 Phoenix, Arizona 85016 T 602.337.2700		<b>AECOM</b> www.aecom.com			
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L					DWG NO. C-2.43
					OF

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



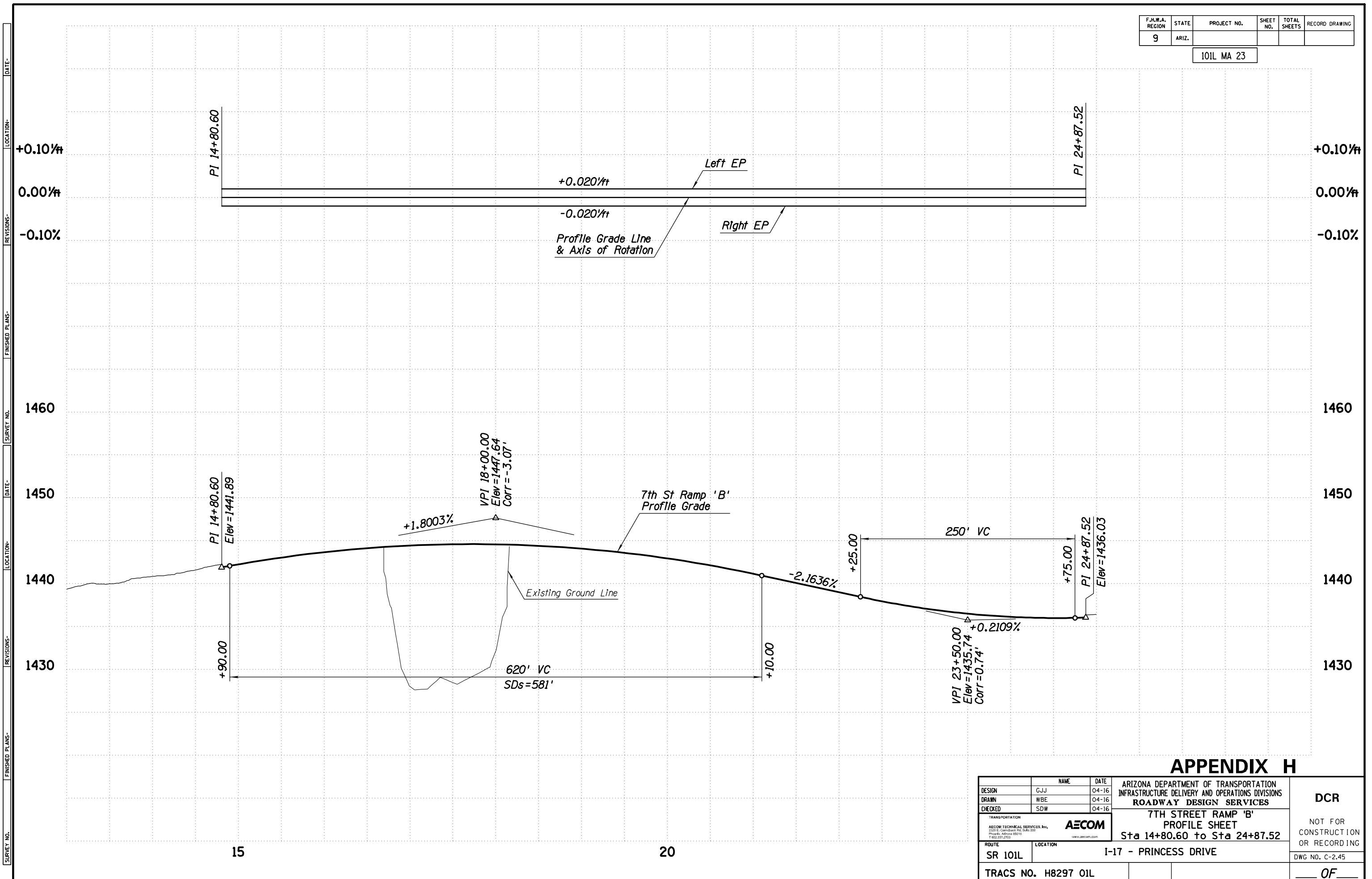
### APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION			AECOM		NOT FOR CONSTRUCTION OR RECORDING
7TH STREET RAMP 'A' PROFILE SHEET Sta 14+25.89 to Sta 22+35.51			DWG NO. C-2.44		
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		OF
TRACS NO. H8297 01L					

SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



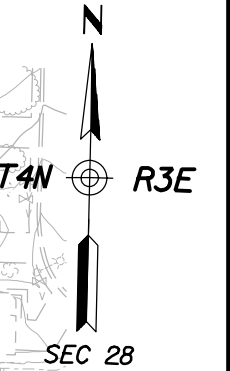
SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE

### APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION <b>AECOM</b> <small>AECOM TECHNICAL SERVICES, Inc.          2525 E. Camelback Rd., Suite 200          Phoenix, Arizona 85016          T 602.337.2700</small>				<b>7TH STREET RAMP 'B'</b> <b>PROFILE SHEET</b> <b>Sta 14+80.60 to Sta 24+87.52</b>	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		DWG NO. C-2.45
TRACS NO. H8297 01L					OF

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



**WB ROADWAY SECTION**

- 12' Outside Shldr
- 12' Lane
- 12' Lane
- 12' Lane
- 12' HOV Lane
- 10' Inside Shldr

Begin 7th St Ramp 'C' Cst @ PC Sta 10+00.00=  
11.81' Rt Exst WB Frontage Road Cst @ POT Sta 1421+52.23

7th St Ramp 'C' Cst @ Sta 14+09.58=  
24.01' Rt Exst WB Frontage Rd Cst @  
Sta 1425+61.58

Nose of Gore Control Point

New Conc Curb & Gutter  
Type C, Std C-05.10

New Conc Half Barrier  
Std C-10.50, Gutter=4.5'

7th St Ramp 'C' Cst @

New Conc Curb & Gutter  
Type C, Std C-05.10

New Conc Half Barrier  
Std C-10.50, Gutter=4.5'

New Conc Half Barrier  
Std C-10.50, Gutter=2.5'

New Conc Curb & Gutter  
Type C, Std C-05.10

New Conc Half Barrier  
Special Detail, Gutter=2.5'

New Catch Basin  
(Typ)

New Conc Half Barrier  
Std C-10.50, Gutter=4.5'

New Conc Curb & Gutter  
Type C, Std C-05.10

7th St Ramp 'D' Cst @

Begin 7th St Ramp 'D' Cst @ POT Sta 13+83.42=  
0.00' Rt Exst 7th St Ramp 'D' Cst @ POT Sta 3+83.42

7th St Ramp 'D' Cst @ Sta 13+82.42=  
30.04' Lt Exst EB Frontage Rd Cst @  
Sta 1421+79.25

Nose of Gore Control Point

**EB ROADWAY SECTION**

- 10' Inside Shldr
- 12' HOV Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Outside Shldr

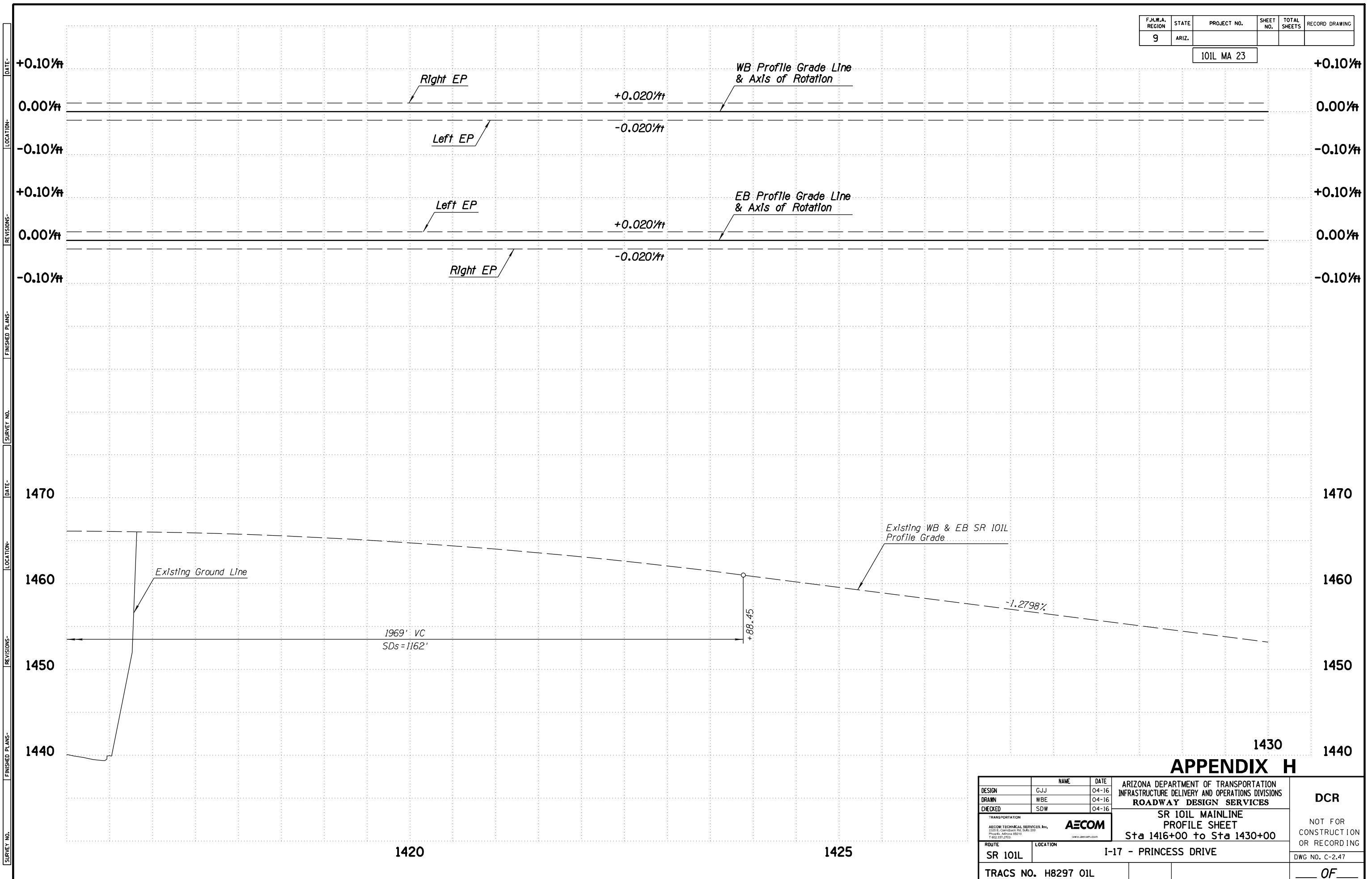
**APPENDIX H**

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd, Suite 200 Phoenix, Arizona 85016 T 602.337.2700 <b>AECOM</b> www.aecom.com				<b>SR 101L MAINLINE PLAN SHEET Sta 1416+00 to Sta 1430+00</b>	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L				DWG NO. C-2.46	
				OF	



F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



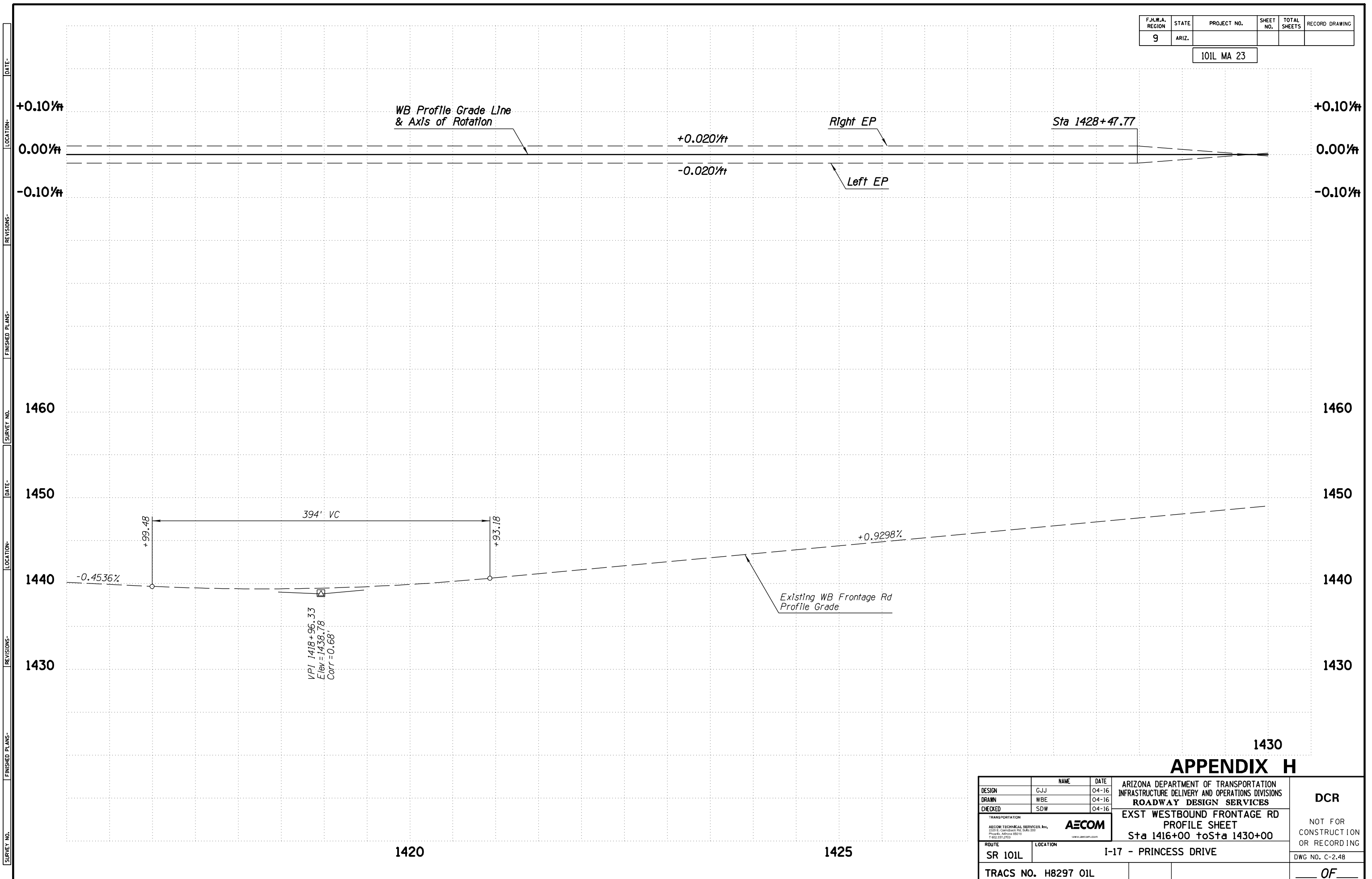
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 FINISHED PLANS: \_\_\_\_\_  
 SURVEY NO.: \_\_\_\_\_  
 DATE: \_\_\_\_\_  
 LOCATION: \_\_\_\_\_  
 REVISIONS: \_\_\_\_\_  
 FINISHED PLANS: \_\_\_\_\_  
 SURVEY NO.: \_\_\_\_\_

### APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION <small>AECOM TECHNICAL SERVICES, Inc.          2525 E. Camelback Rd., Suite 200          Phoenix, Arizona 85016          T 602.337.2700</small>				<b>AECOM</b> SR 101L MAINLINE PROFILE SHEET Sta 1416+00 to Sta 1430+00	
ROUTE	LOCATION				
SR 101L	I-17 - PRINCESS DRIVE			DWG NO. C-2.47	
TRACS NO. H8297 01L				OF	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



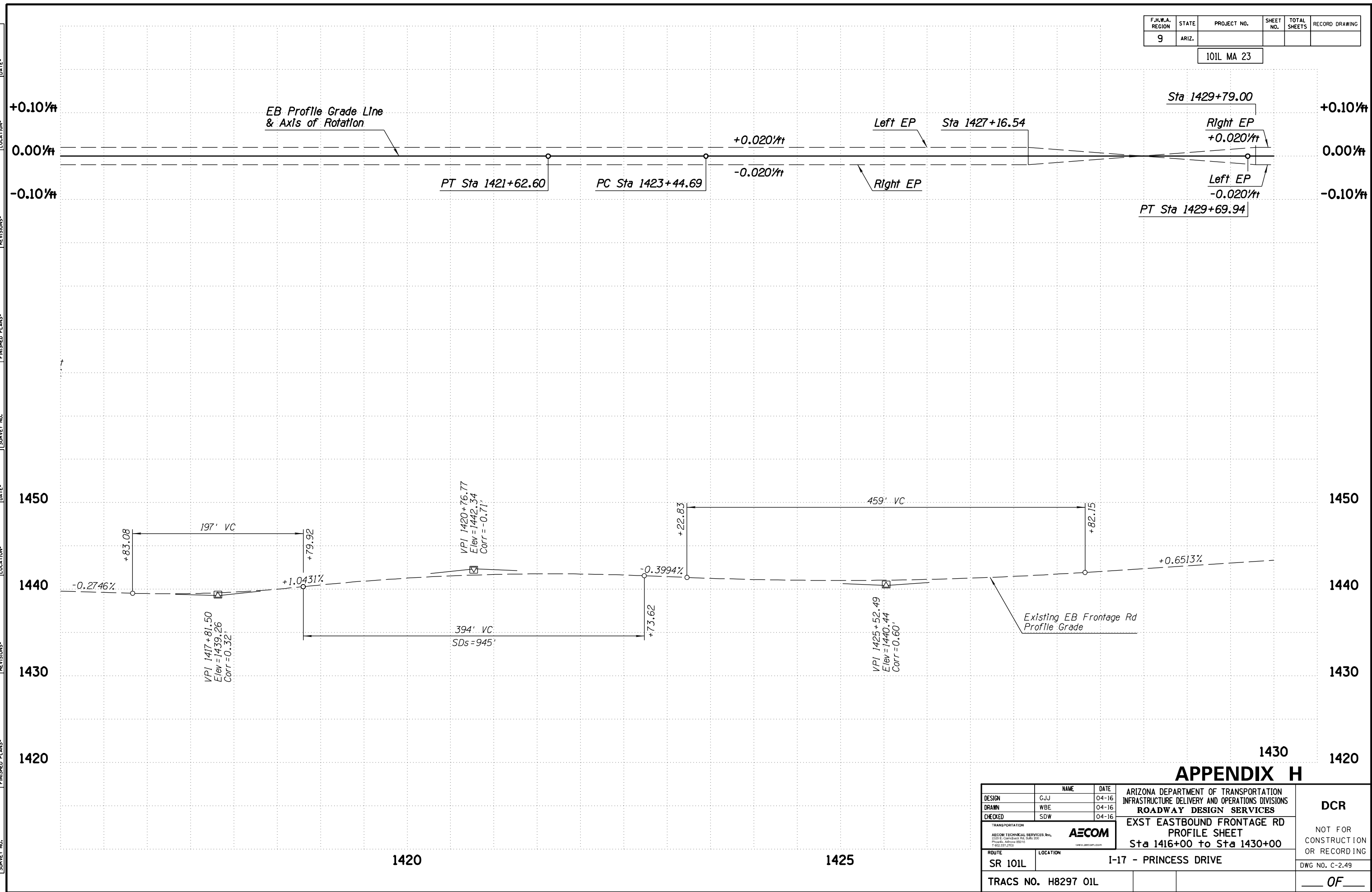
SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE

### APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com				EXST WESTBOUND FRONTAGE RD PROFILE SHEET Sta 1416+00 to Sta 1430+00	NOT FOR CONSTRUCTION OR RECORDING
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE	DWG NO. C-2.48	
TRACS NO. H8297 01L				OF	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



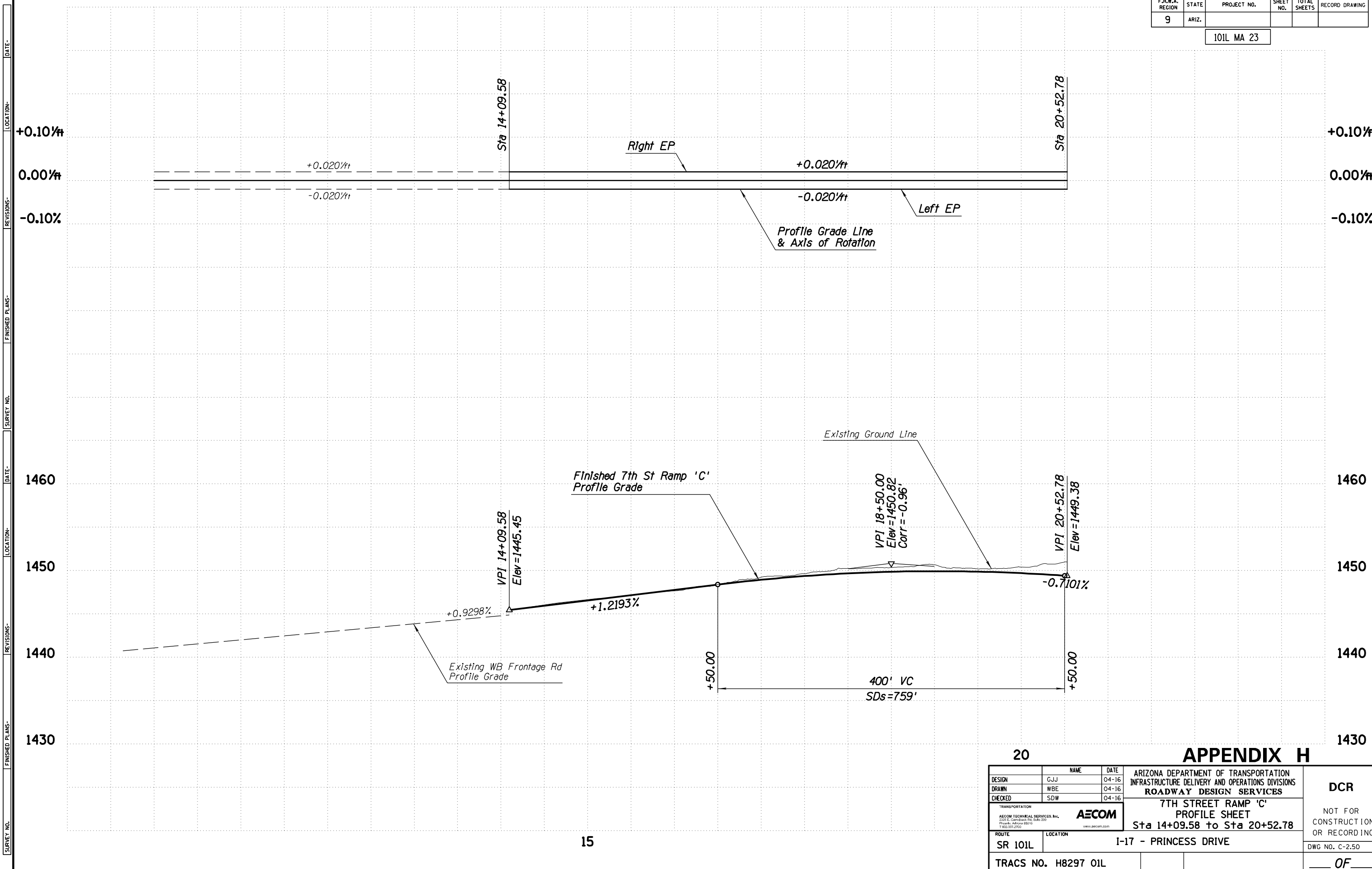
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### APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b> EXST EASTBOUND FRONTAGE RD PROFILE SHEET Sta 1416+00 to Sta 1430+00	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2555 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com		<b>AECOM</b>			
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L			DWG NO. C-2.49		
			OF		

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE

20		<b>APPENDIX H</b>	
DESIGN	GJJ	DATE	04-16
DRAWN	WBE	DATE	04-16
CHECKED	SDW	DATE	04-16
<small>TRANSPORTATION</small> <b>AECOM</b> <small>AECOM TECHNICAL SERVICES, Inc.          2525 E. Camelback Rd, Suite 200          Phoenix, Arizona 85016          T 602.337.2700</small>		ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	
<b>7TH STREET RAMP 'C'</b> <b>PROFILE SHEET</b> <b>Sta 14+09.58 to Sta 20+52.78</b>		<b>DCR</b> NOT FOR CONSTRUCTION OR RECORDING	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE
TRACS NO. H8297 01L		DWG NO. C-2.50	
		OF	

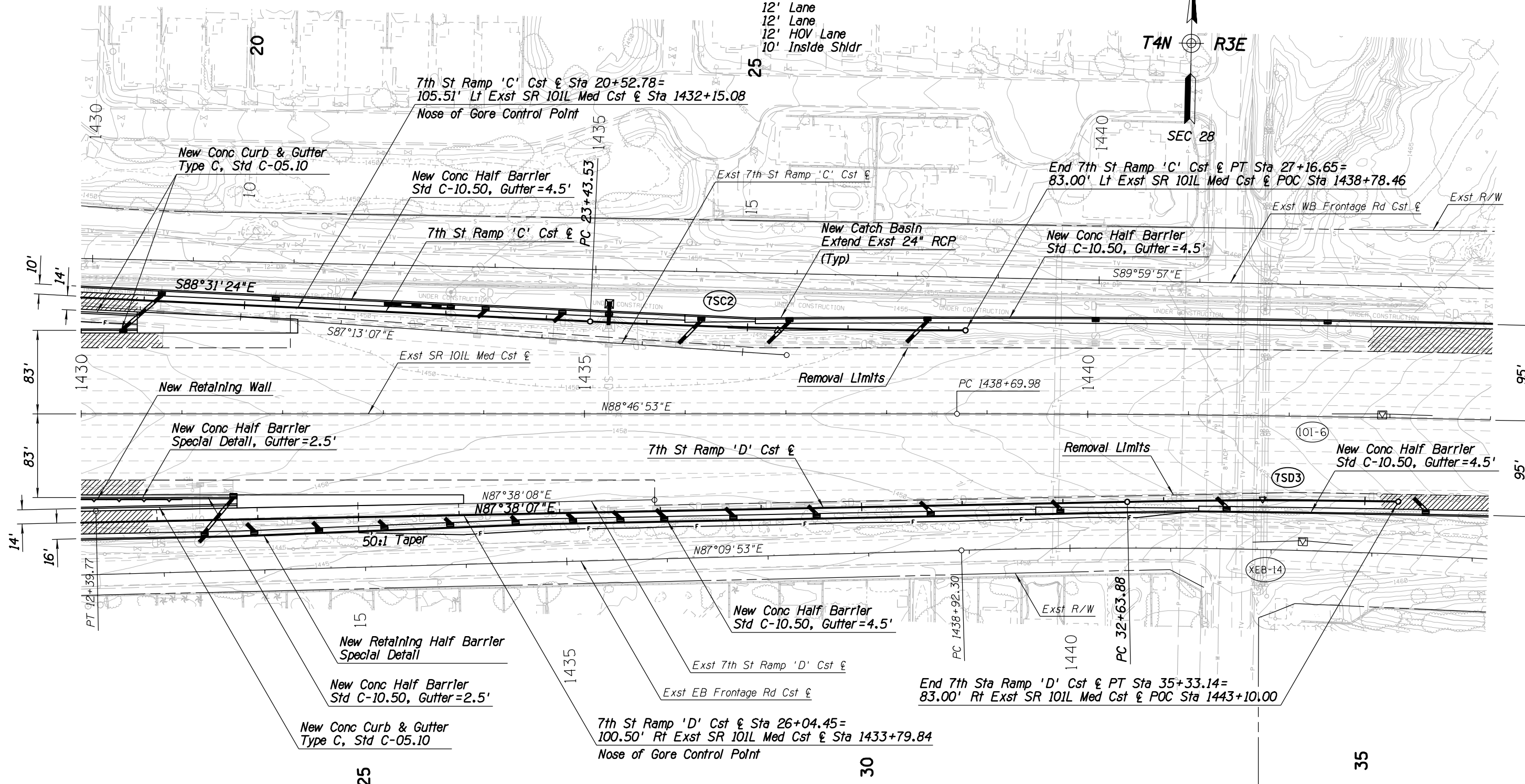
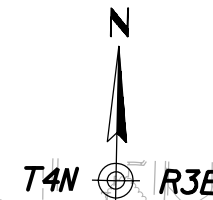


**WB ROADWAY SECTION**

- 12' Outside Shldr
- 12' Aux Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' HOV Lane
- 10' Inside Shldr

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



**EB ROADWAY SECTION**

- 10' Inside Shldr
- 12' HOV Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Aux Lane
- 12' Outside Shldr

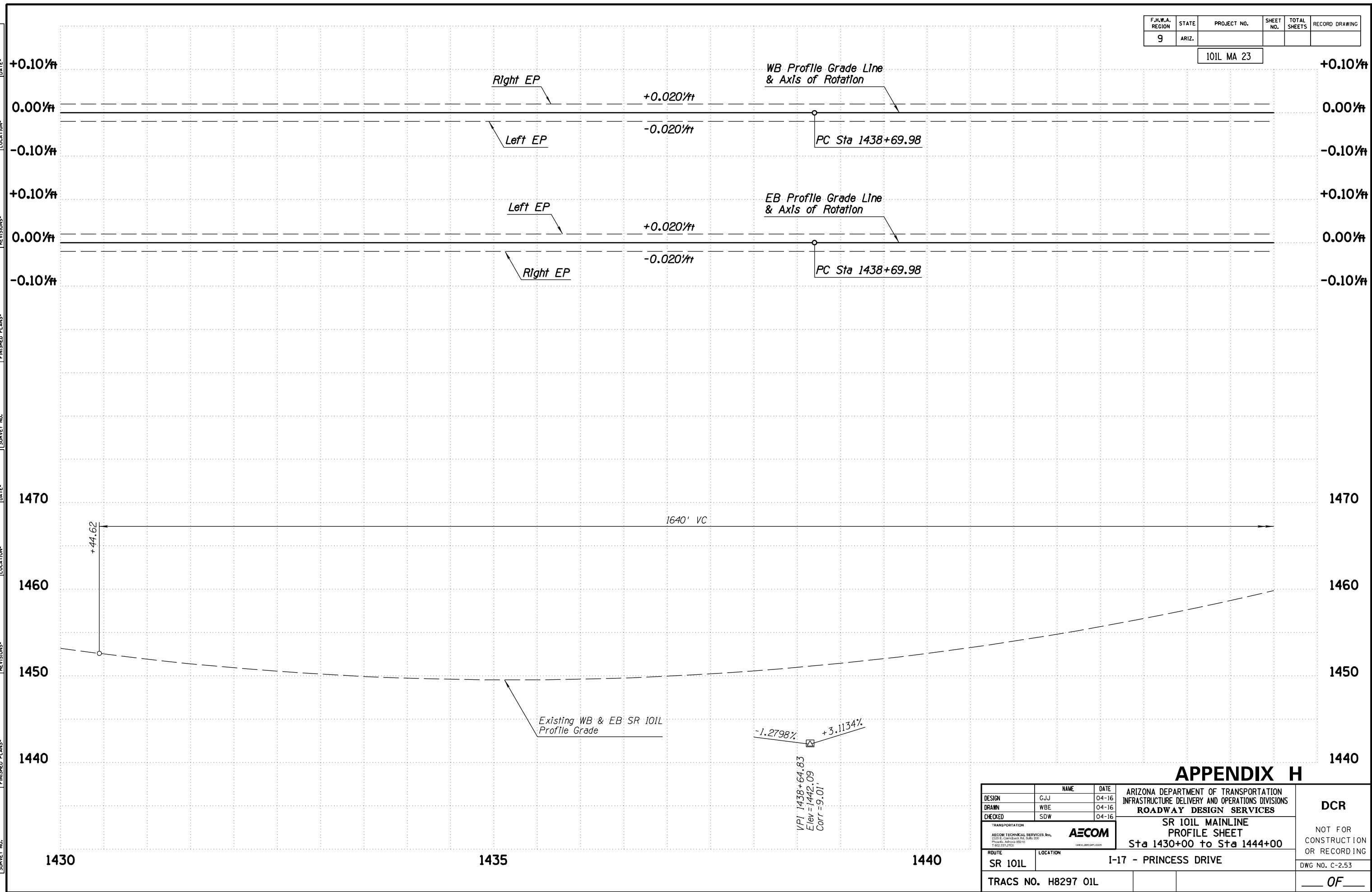
**APPENDIX H**

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com				<b>AECOM</b> SR 101L MAINLINE PLAN SHEET Sta 1430+00 to Sta 1444+00	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L				NOT FOR CONSTRUCTION OR RECORDING DWG NO. C-2.52 OF	

SURVEY NO. FINISHED PLANS DATE REVISIONS LOCATION DATE FINISHED PLANS SURVEY NO. REVISIONS LOCATION DATE

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



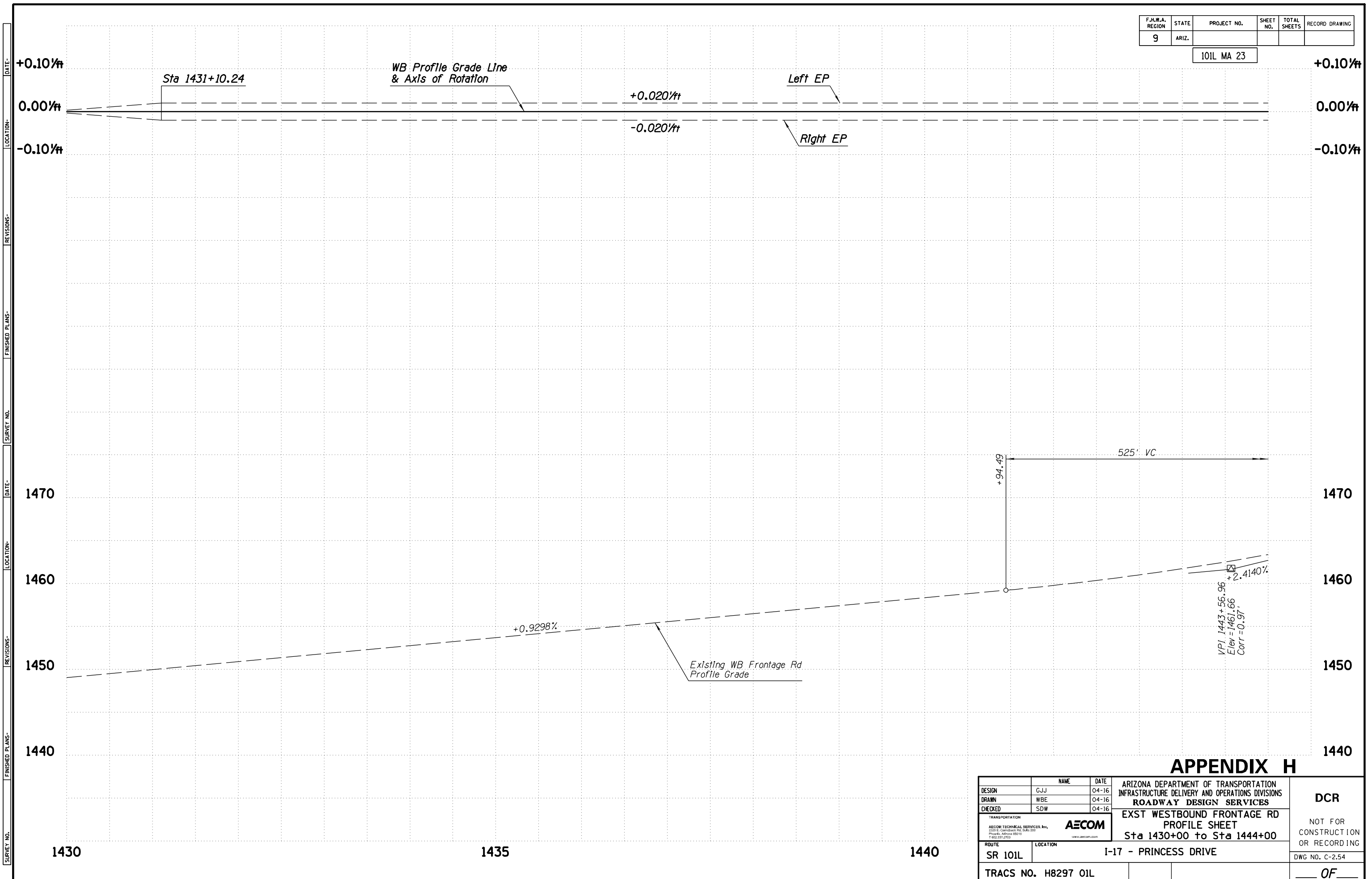
DATE: \_\_\_\_\_  
 LOCATION: \_\_\_\_\_  
 REVISIONS: \_\_\_\_\_  
 FINISHED PLANS: \_\_\_\_\_  
 SURVEY NO.: \_\_\_\_\_

### APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION					SR 101L MAINLINE PROFILE SHEET Sta 1430+00 to Sta 1444+00
<small>AECOM TECHNICAL SERVICES, Inc.          2525 E. Camelback Rd., Suite 200          Phoenix, Arizona 85016          T 602.337.2700</small>					
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		DWG NO. C-2.53
TRACS NO. H8297 01L					OF

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_ REVISIONS: \_\_\_\_\_ FINISHED PLANS: \_\_\_\_\_ SURVEY NO.: \_\_\_\_\_ DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_ REVISIONS: \_\_\_\_\_ FINISHED PLANS: \_\_\_\_\_ SURVEY NO.: \_\_\_\_\_

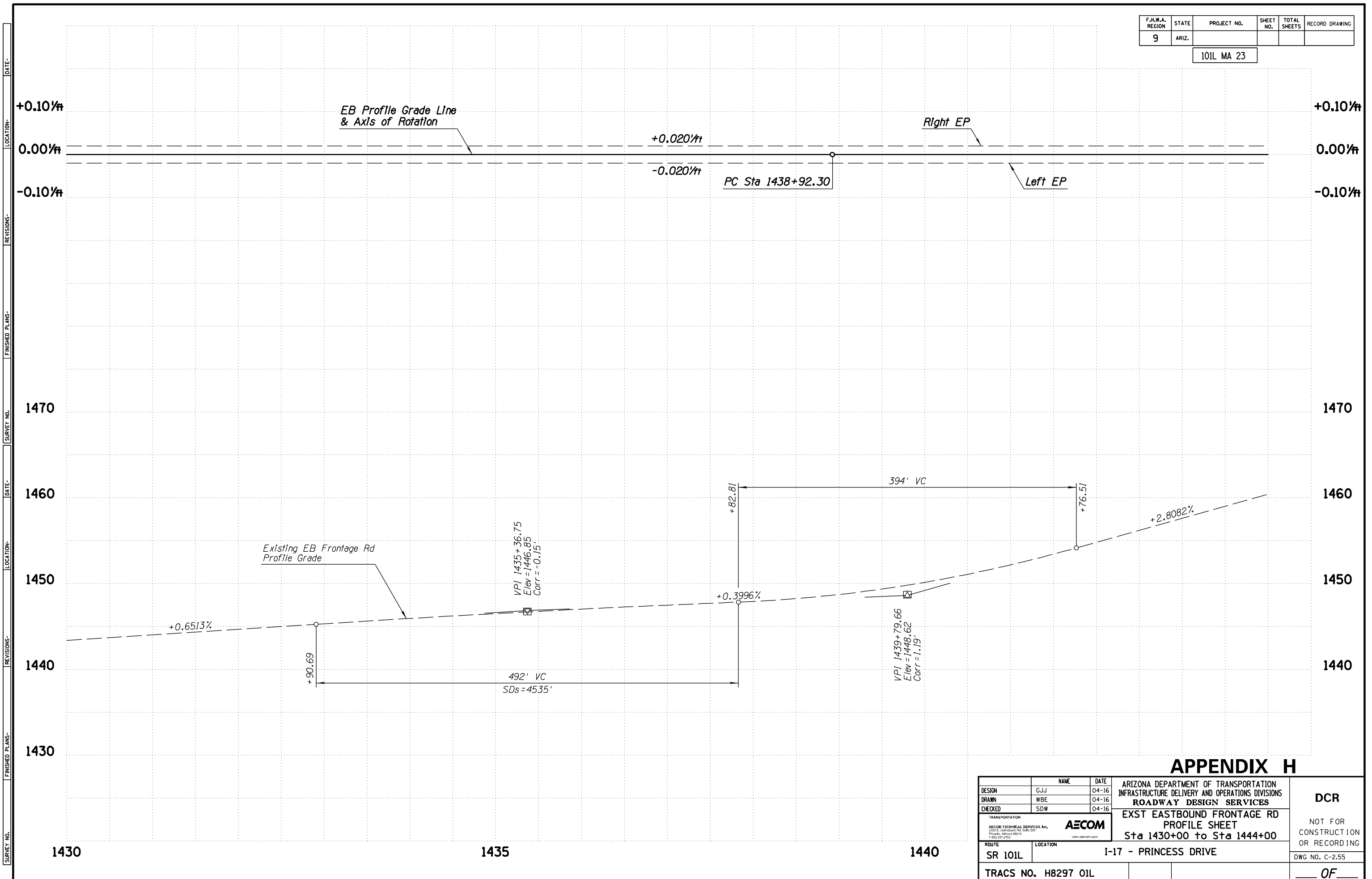
### APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b> EXST WESTBOUND FRONTAGE RD PROFILE SHEET Sta 1430+00 to Sta 1444+00	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 <b>AECOM</b> www.aecom.com					
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		DWG NO. C-2.54
TRACS NO. H8297 01L					OF



F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE

### APPENDIX H

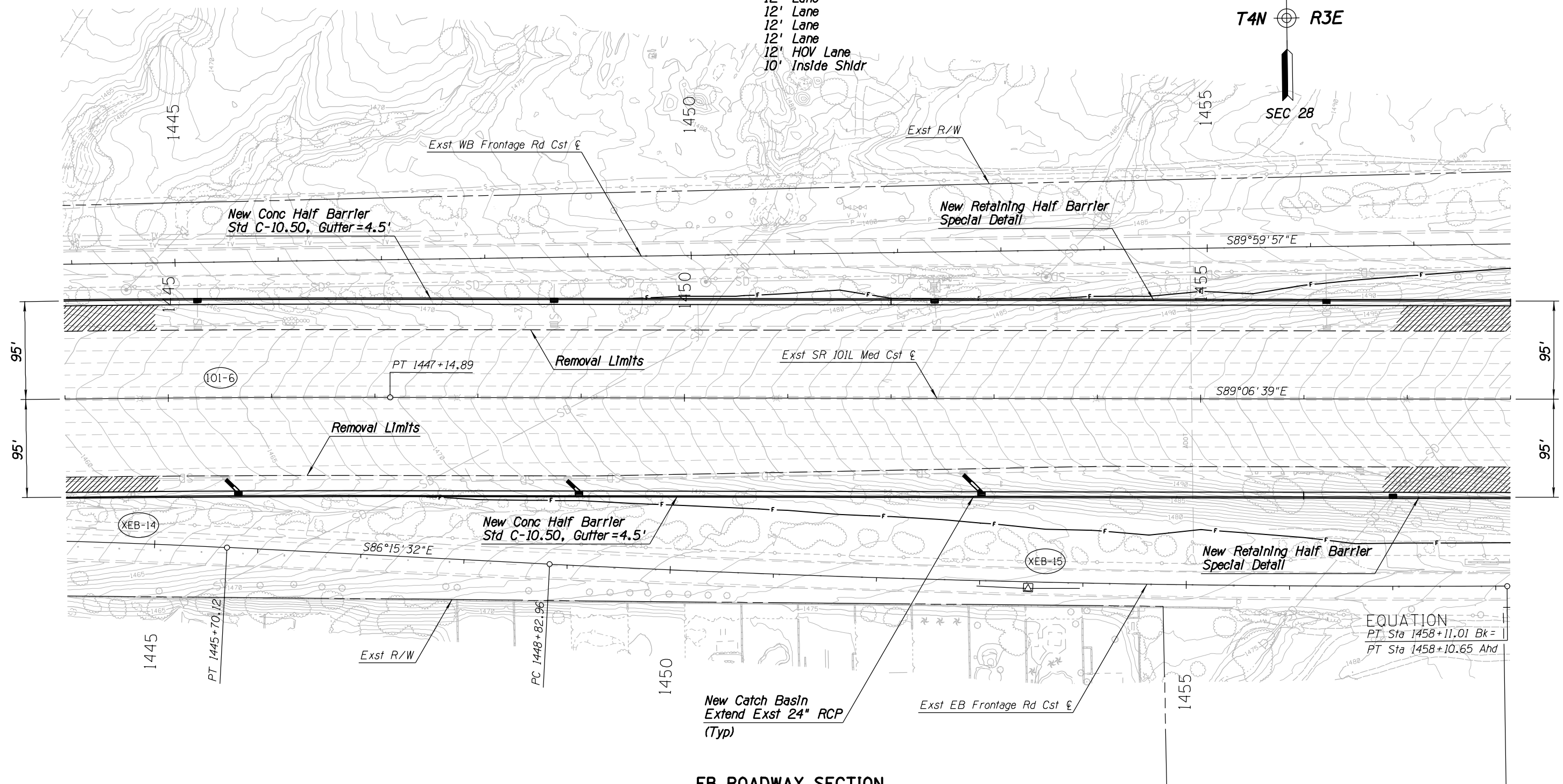
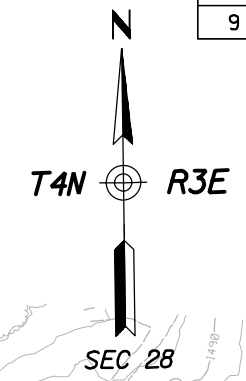
DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b> EXST EASTBOUND FRONTAGE RD PROFILE SHEET Sta 1430+00 to Sta 1444+00	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700				<b>AECOM</b> www.aecom.com	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L				DWG NO. C-2.55	
				OF	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23

**WB ROADWAY SECTION**

- 12' Outside Shldr
- 12' Aux Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' HOV Lane
- 10' Inside Shldr



**EB ROADWAY SECTION**

- 10' Inside Shldr
- 12' HOV Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Aux Lane
- 12' Outside Shldr

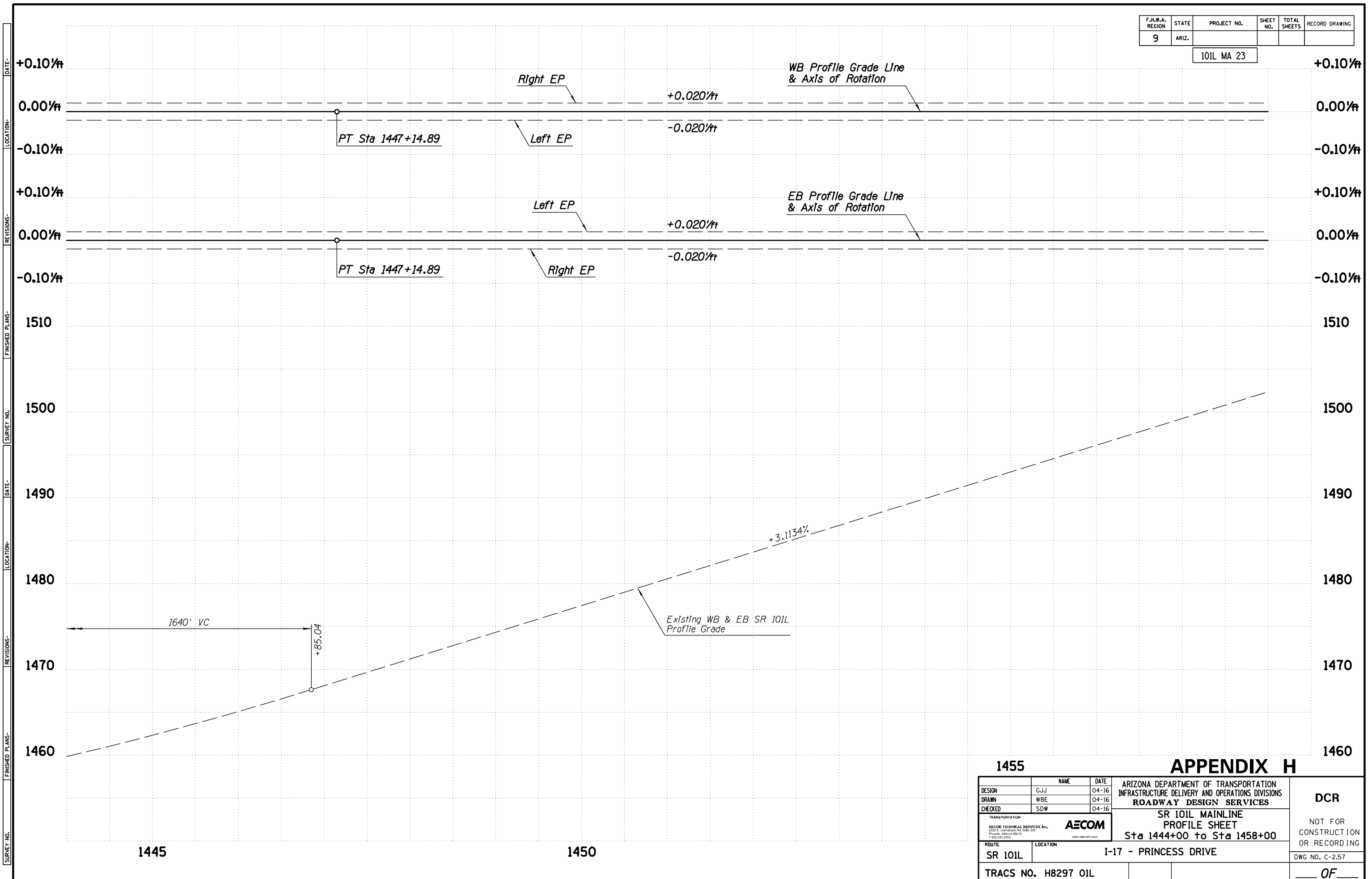
**APPENDIX H**

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2325 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com				<b>SR 101L MAINLINE PLAN SHEET Sta 1444+00 to Sta 1458+00</b>	
ROUTE	LOCATION	I-17 - PRINCESS DRIVE			
SR 101L		I-17 - PRINCESS DRIVE		DWG NO. C-2.56	
TRACS NO. H8297 01L				OF	

SURVEY NO. FINISHED PLANS DATE REVISIONS LOCATION DATE FINISHED PLANS SURVEY NO. REVISIONS LOCATION DATE

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23

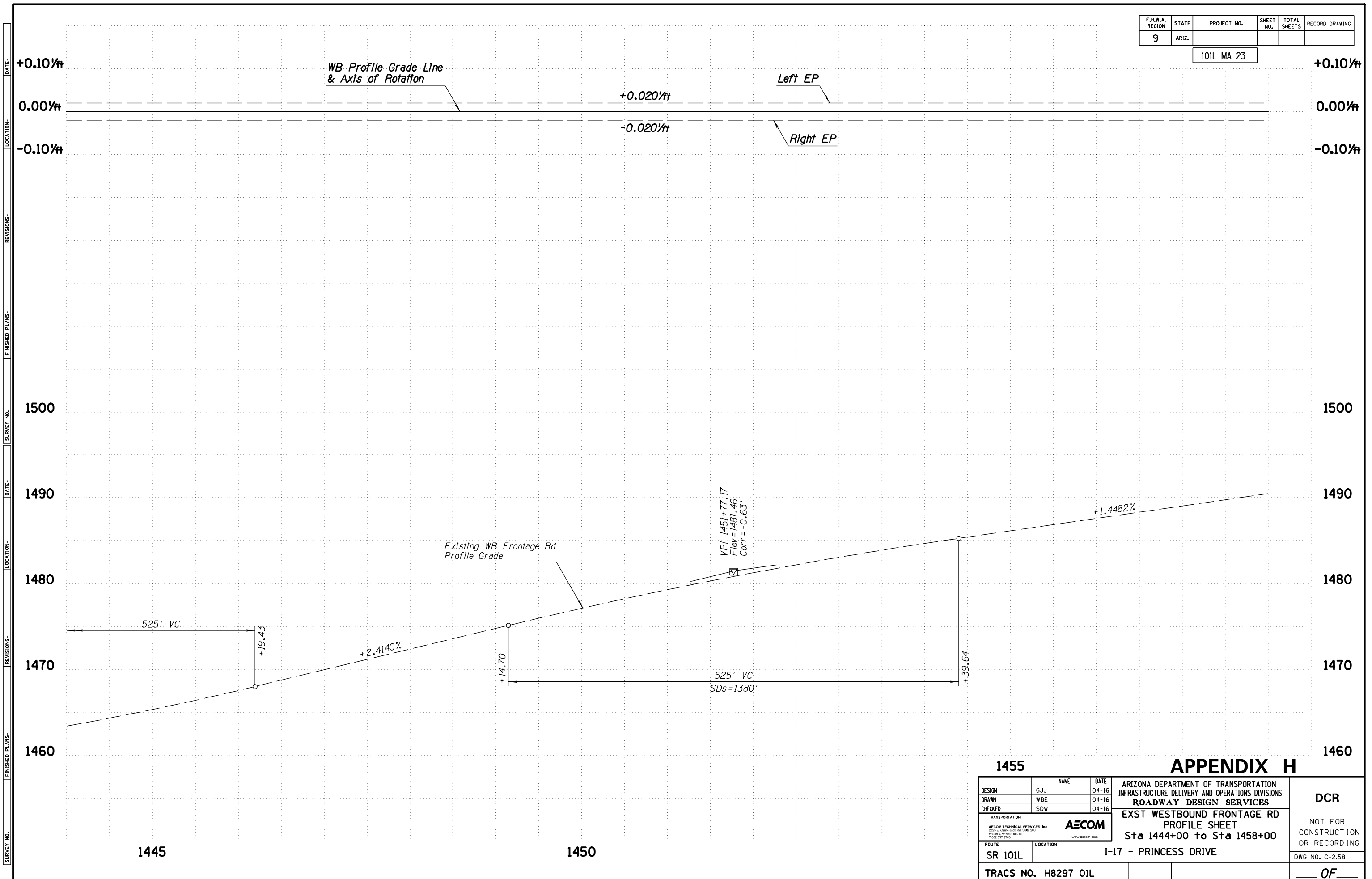


DATE: \_\_\_\_\_  
 LOCATION: \_\_\_\_\_  
 REVISIONS: \_\_\_\_\_  
 FINISHED PLANS: \_\_\_\_\_  
 SURVEY NO.: \_\_\_\_\_  
 DATE: \_\_\_\_\_  
 LOCATION: \_\_\_\_\_  
 REVISIONS: \_\_\_\_\_  
 FINISHED PLANS: \_\_\_\_\_  
 SURVEY NO.: \_\_\_\_\_

1455		<b>APPENDIX H</b>	
DESIGN	GJJ	DATE	04-16
DRAWN	WBE	DATE	04-16
CHECKED	SDW	DATE	04-16
<small>AECOM TECHNICAL SERVICES, Inc.          2525 E. Camelback Rd., Suite 200          Phoenix, Arizona 85016          T 602.337.2700</small>			
ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES			
<b>SR 101L MAINLINE          PROFILE SHEET          Sta 1444+00 to Sta 1458+00</b>			
ROUTE	LOCATION		
SR 101L	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L			
		NOT FOR CONSTRUCTION OR RECORDING DWG NO. C-2.57 _____ OF _____	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23

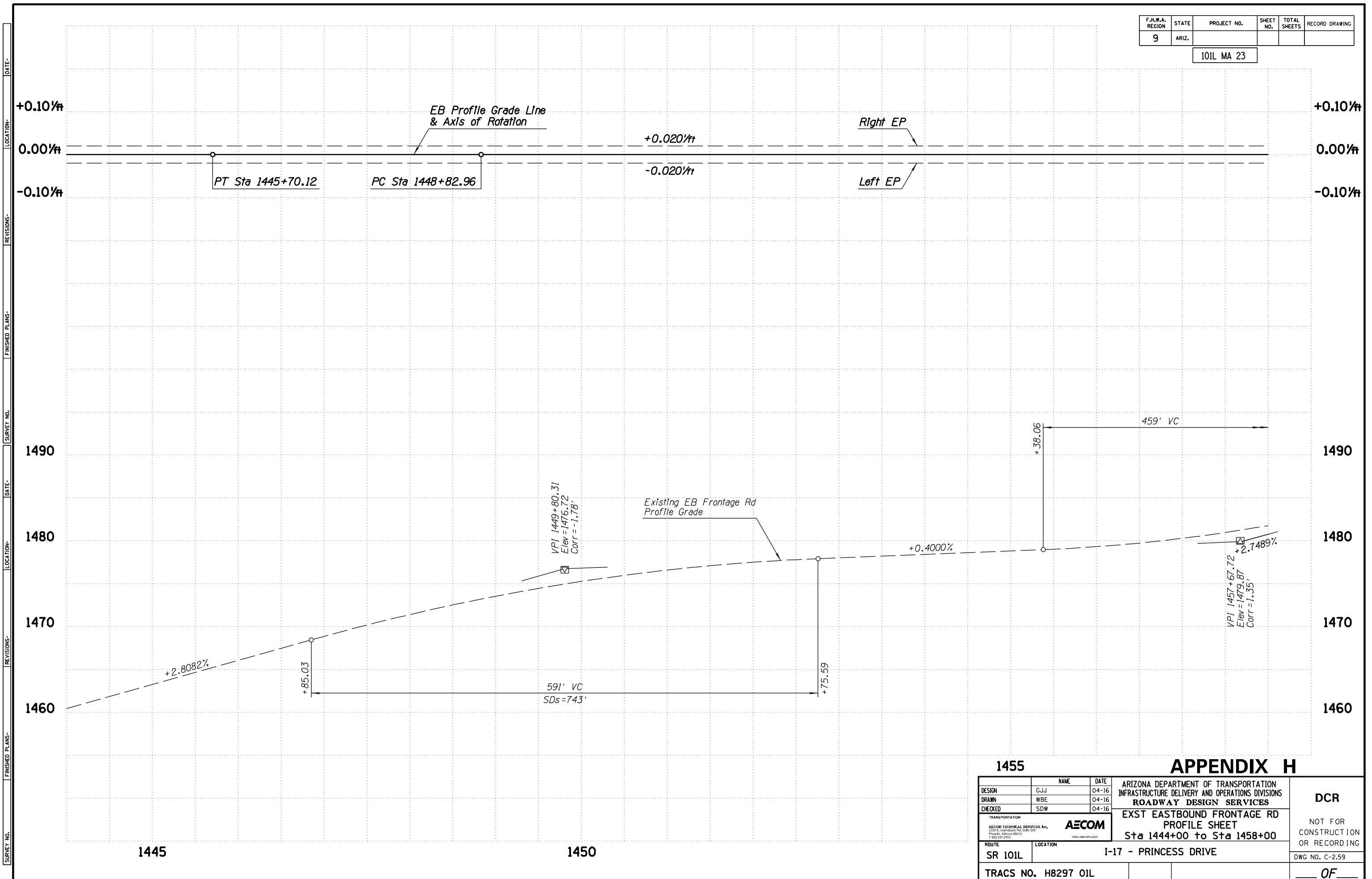


DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_ REVISIONS: \_\_\_\_\_ FINISHED PLANS: \_\_\_\_\_ SURVEY NO.: \_\_\_\_\_

<b>1455</b>		<b>APPENDIX H</b>	
DESIGN	GJJ	DATE	04-16
DRAWN	WBE	DATE	04-16
CHECKED	SDW	DATE	04-16
<small>TRANSPORTATION</small> <small>AECOM TECHNICAL SERVICES, Inc.</small> <small>2525 E. Camelback Rd., Suite 200</small> <small>Phoenix, Arizona 85016</small> <small>T 602.337.2700</small> <small>www.aecom.com</small>		<b>ARIZONA DEPARTMENT OF TRANSPORTATION</b> <b>INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS</b> <b>ROADWAY DESIGN SERVICES</b> <b>EXST WESTBOUND FRONTAGE RD</b> <b>PROFILE SHEET</b> <b>Sta 1444+00 to Sta 1458+00</b>	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE
TRACS NO. H8297 01L		NOT FOR CONSTRUCTION OR RECORDING DWG NO. C-2.58 OF	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE

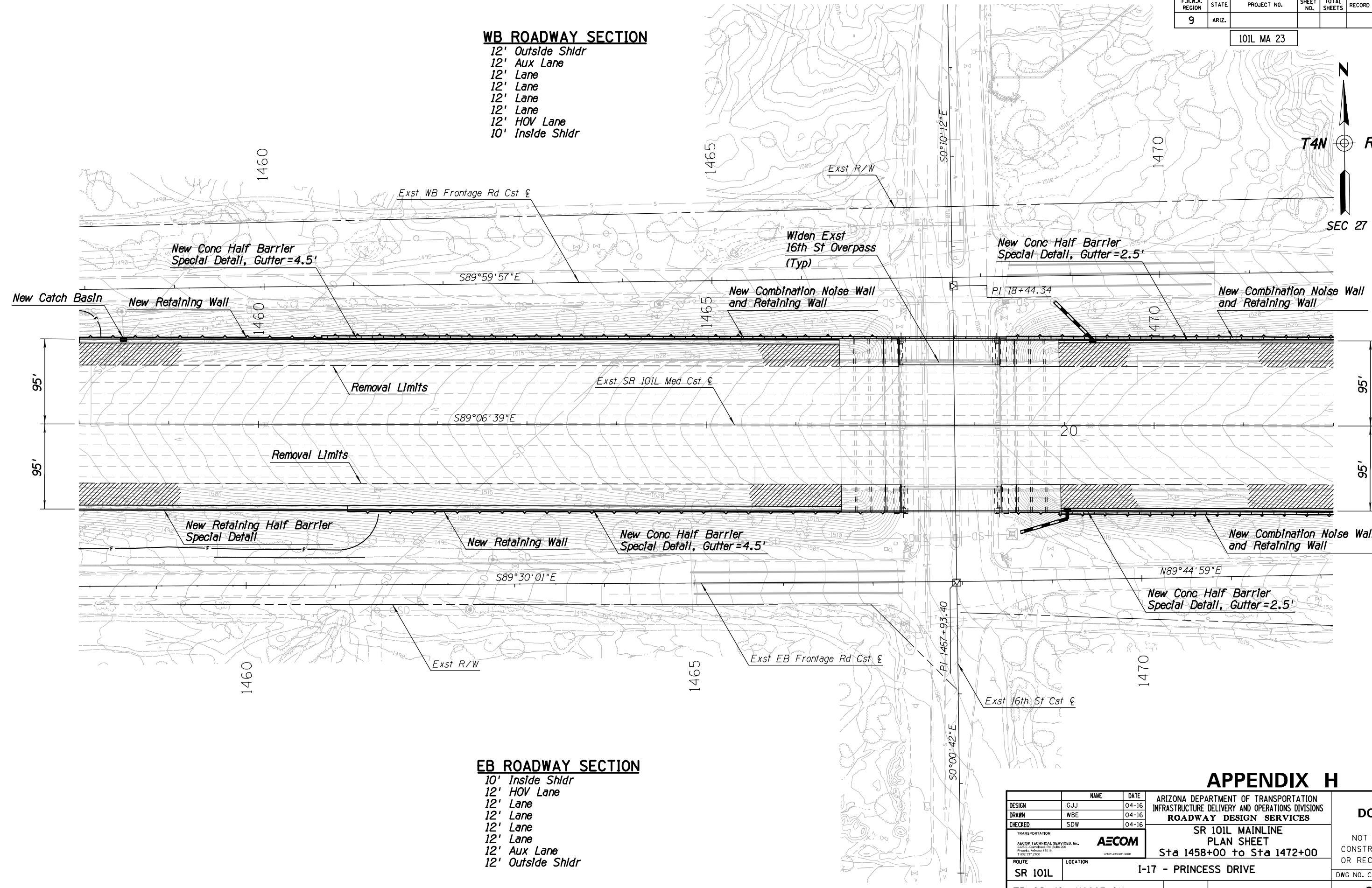
<b>1455</b>		<b>APPENDIX H</b>	
DESIGN	GJJ	DATE	04-16
DRAWN	WBE	DATE	04-16
CHECKED	SDW	DATE	04-16
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd, Suite 200 Phoenix, Arizona 85016 T 602.337.2700		<b>AECOM</b> www.aecom.com	
ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>			
<b>EXST EASTBOUND FRONTAGE RD          PROFILE SHEET          Sta 1444+00 to Sta 1458+00</b>			
ROUTE	LOCATION		
SR 101L	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L			
		NOT FOR CONSTRUCTION OR RECORDING DWG NO. C-2.59 OF	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23

**WB ROADWAY SECTION**

- 12' Outside Shldr
- 12' Aux Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' HOV Lane
- 10' Inside Shldr



**EB ROADWAY SECTION**

- 10' Inside Shldr
- 12' HOV Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Aux Lane
- 12' Outside Shldr

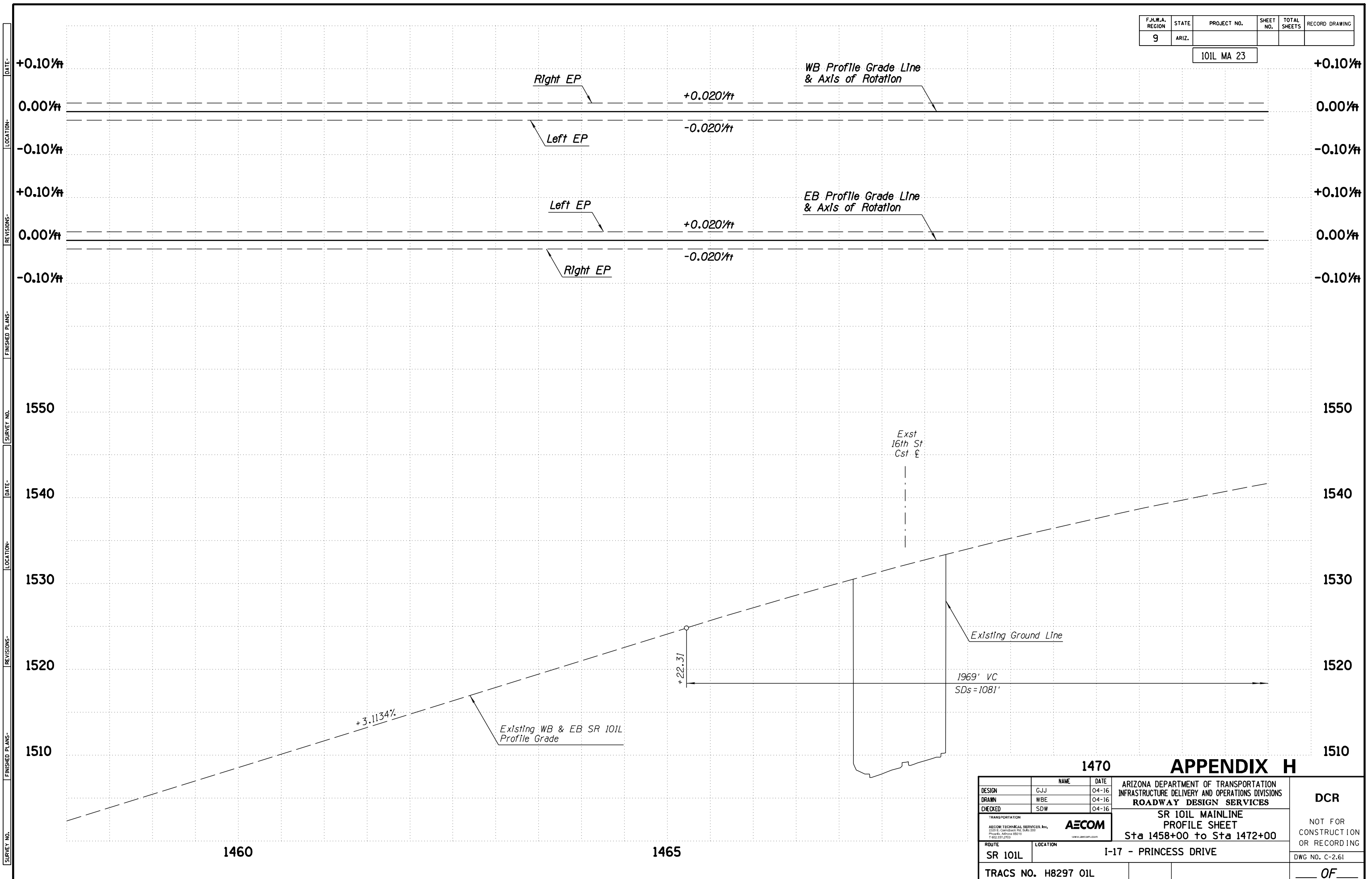
**APPENDIX H**

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION <small>AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700</small>				<b>AECOM</b> <small>www.aecom.com</small>	
SR 101L LOCATION I-17 - PRINCESS DRIVE					
TRACS NO. H8297 01L				NOT FOR CONSTRUCTION OR RECORDING DWG NO. C-2.60 OF	

SURVEY NO. FINISHED PLANS DATE REVISIONS LOCATION DATE FINISHED PLANS SURVEY NO. REVISIONS LOCATION DATE

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23

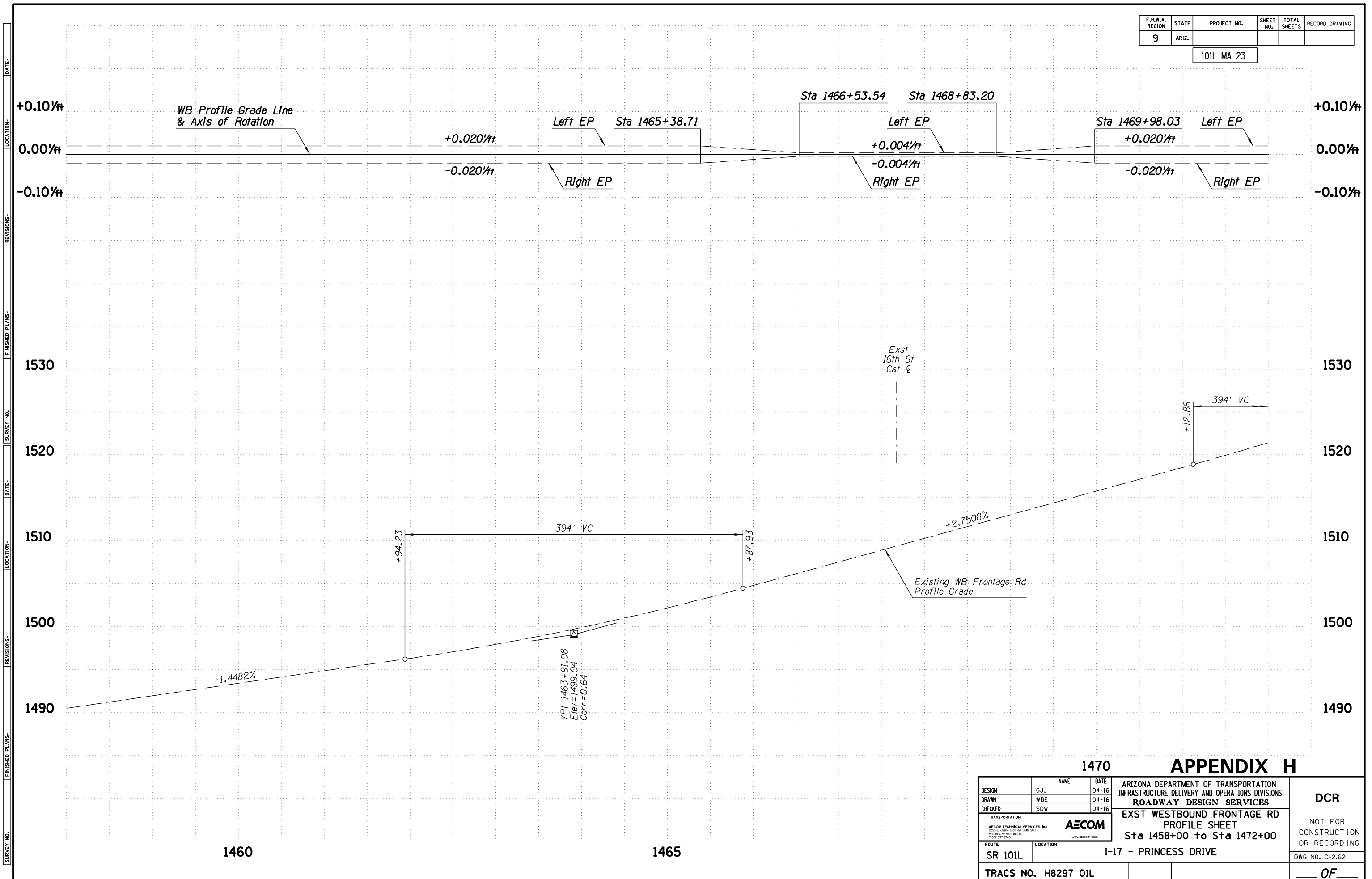


DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_ REVISIONS: \_\_\_\_\_ FINISHED PLANS: \_\_\_\_\_ SURVEY NO. \_\_\_\_\_ DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_ REVISIONS: \_\_\_\_\_ FINISHED PLANS: \_\_\_\_\_ SURVEY NO. \_\_\_\_\_

1470		<b>APPENDIX H</b>		<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING  DWG NO. C-2.61  OF
DESIGN	GJJ	DATE	04-16	
DRAWN	WBE	DATE	04-16	
CHECKED	SDW	DATE	04-16	
<small>TRANSPORTATION</small> <b>AECOM</b> <small>AECOM TECHNICAL SERVICES, Inc.          2525 E. Camelback Rd., Suite 200          Phoenix, Arizona 85016          T 602.337.2700</small>		<b>SR 101L MAINLINE          PROFILE SHEET          Sta 1458+00 to Sta 1472+00</b>		
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE	
TRACS NO. H8297 01L				

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



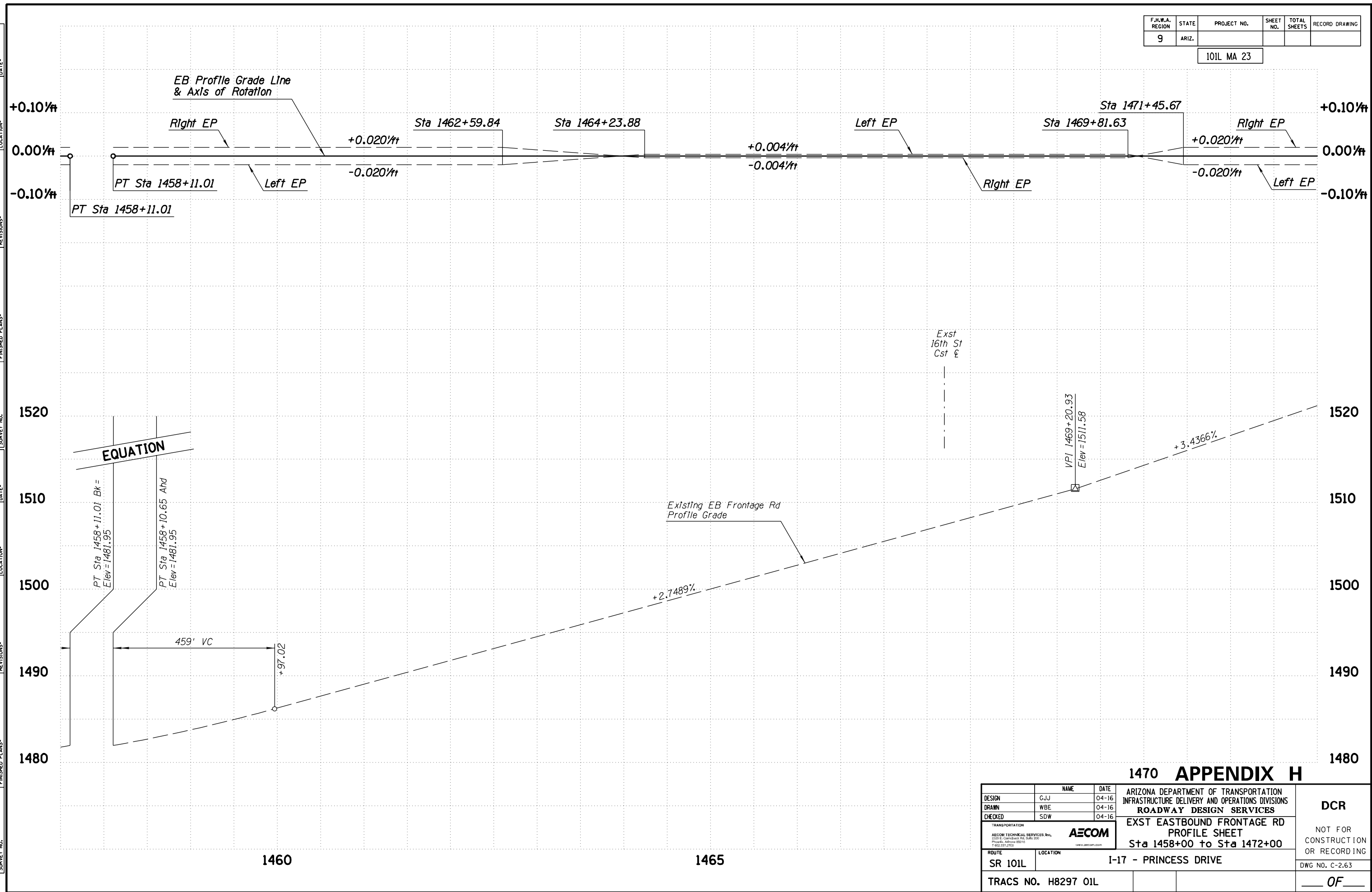
1470 APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION					<b>EXST WESTBOUND FRONTAGE RD PROFILE SHEET Sta 1458+00 to Sta 1472+00</b>
ROUTE	LOCATION				
SR 101L	I-17 - PRINCESS DRIVE			NOT FOR CONSTRUCTION OR RECORDING	DWG NO. C-2.62
TRACS NO. H8297 01L					OF



F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



SURVEY NO. FINISHED PLANS DATE SURVEY NO. FINISHED PLANS DATE REVISIONS FINISHED PLANS LOCATION REVISIONS LOCATION DATE FINISHED PLANS DATE

**1470 APPENDIX H**

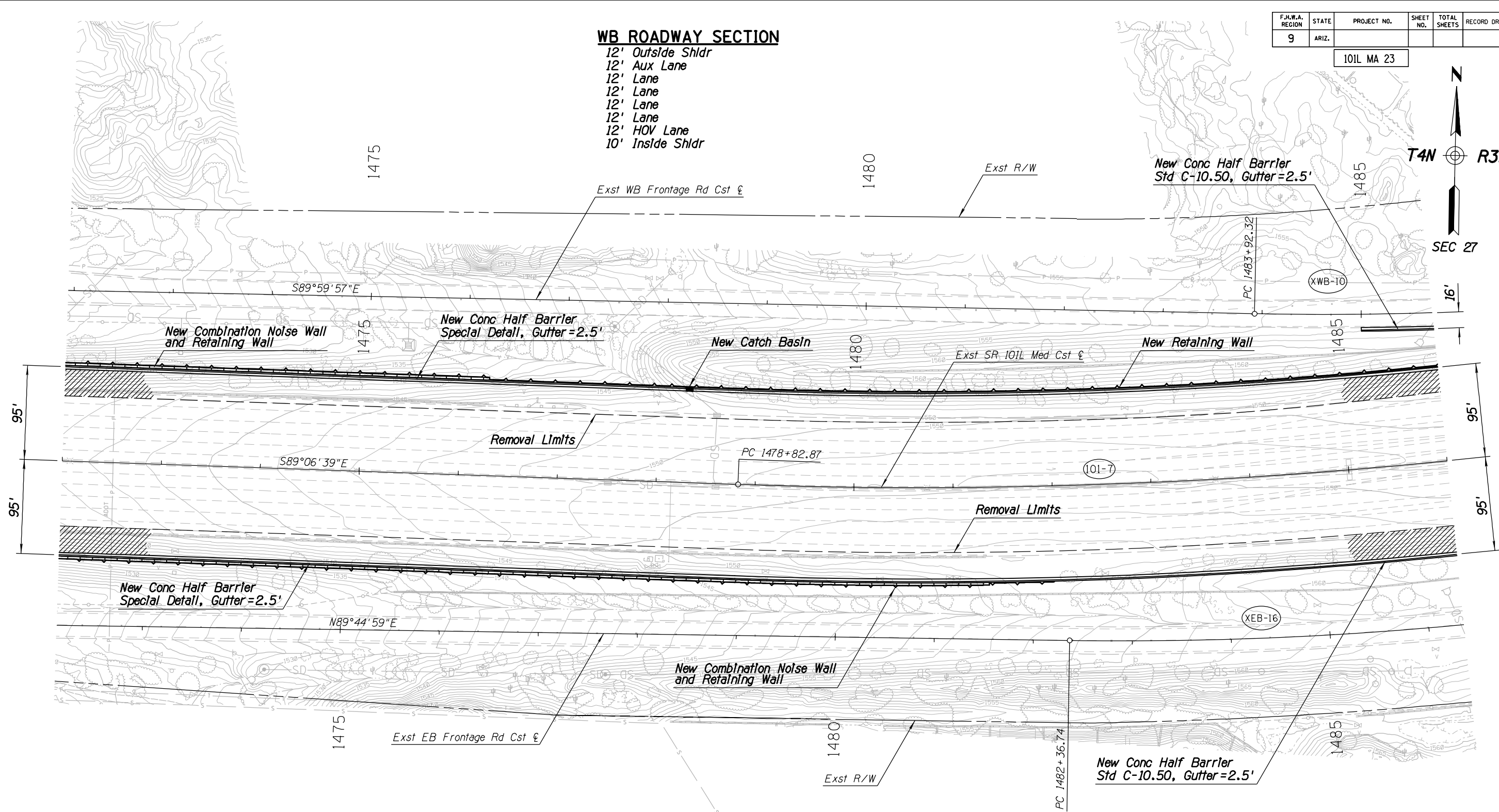
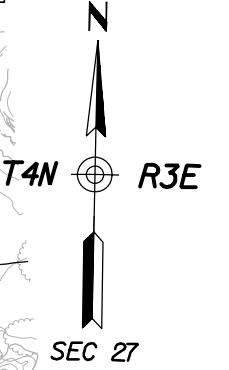
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DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com		<b>AECOM</b>			
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L				DWG NO. C-2.63	
				OF	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23

**WB ROADWAY SECTION**

- 12' Outside Shldr
- 12' Aux Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' HOV Lane
- 10' Inside Shldr



**EB ROADWAY SECTION**

- 10' Inside Shldr
- 12' HOV Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Aux Lane
- 12' Outside Shldr

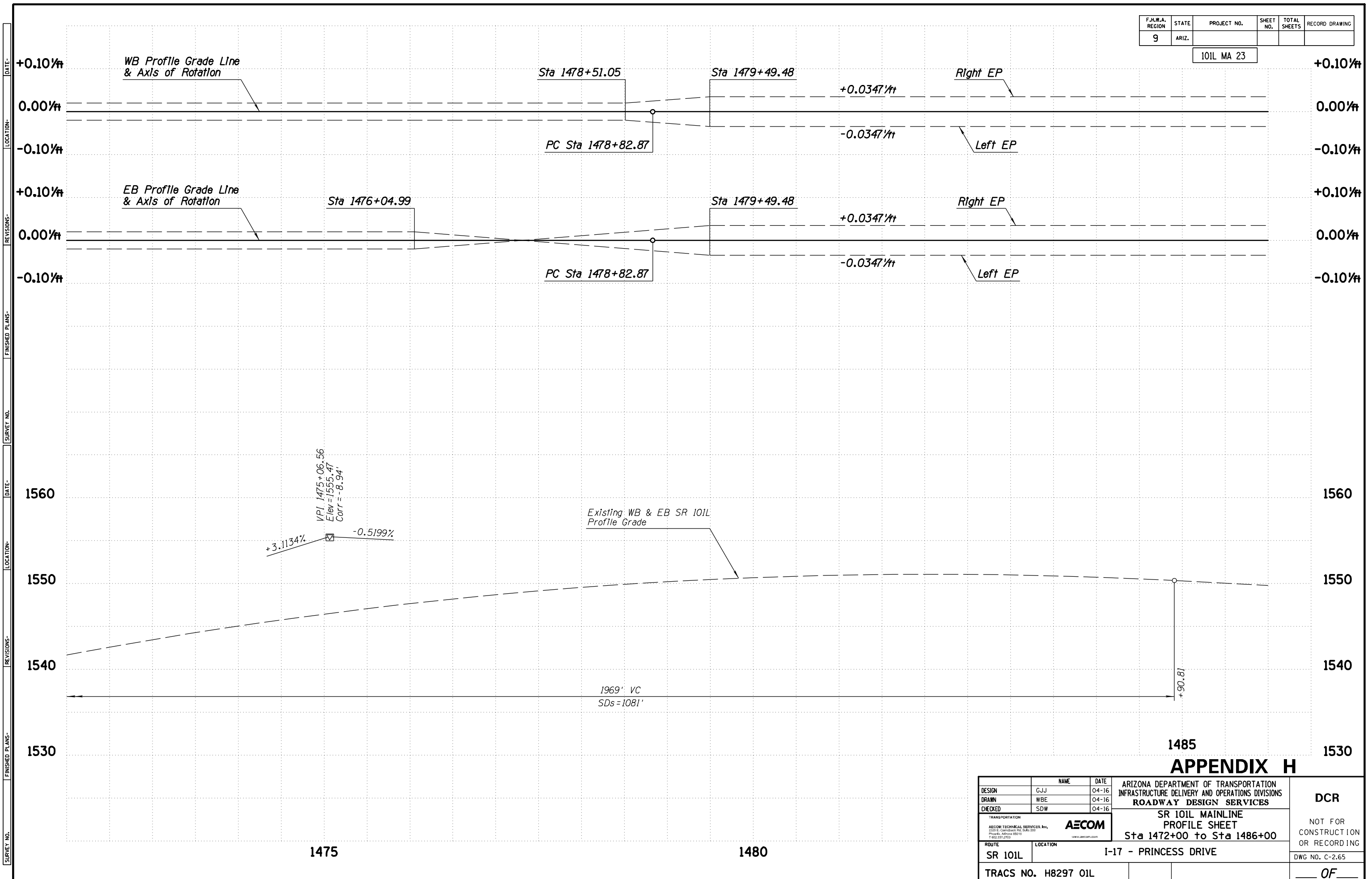
**APPENDIX H**

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION <small>AECOM TECHNICAL SERVICES, Inc. 2325 E. Camelback Rd, Suite 200 Phoenix, Arizona 85016 T 602.337.2700</small>				<b>AECOM</b> <small>www.aecom.com</small>	SR 101L MAINLINE PLAN SHEET Sta 1472+00 to Sta 1486+00
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L					NOT FOR CONSTRUCTION OR RECORDING
					OF

SURVEY NO. FINISHED PLANS DATE REVISIONS LOCATION DATE FINISHED PLANS SURVEY NO. REVISIONS LOCATION DATE

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



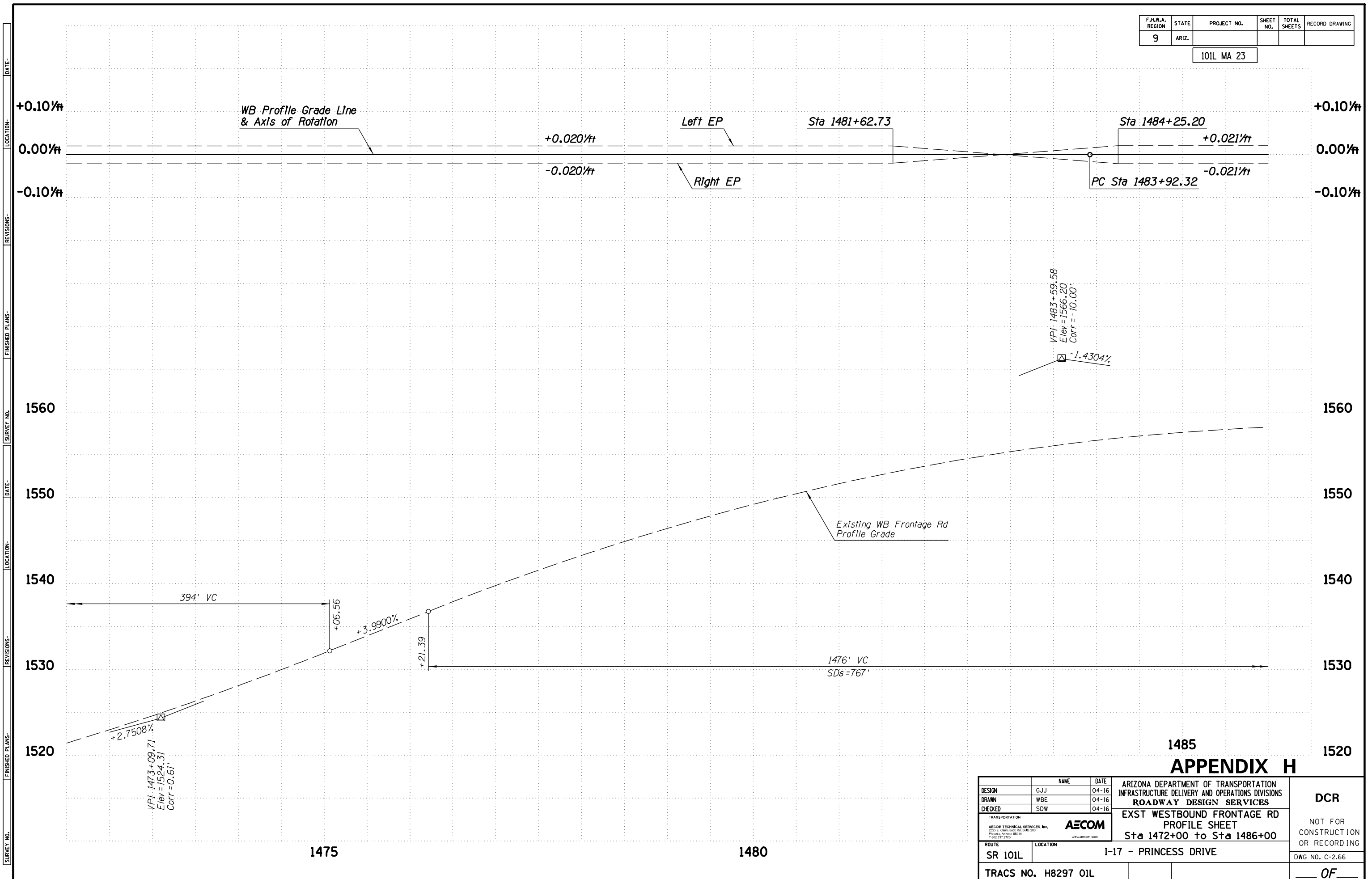
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## APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION <small>AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700</small>				<b>AECOM</b> <small>www.aecom.com</small>	SR 101L MAINLINE PROFILE SHEET Sta 1472+00 to Sta 1486+00
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L					NOT FOR CONSTRUCTION OR RECORDING
					OF

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23

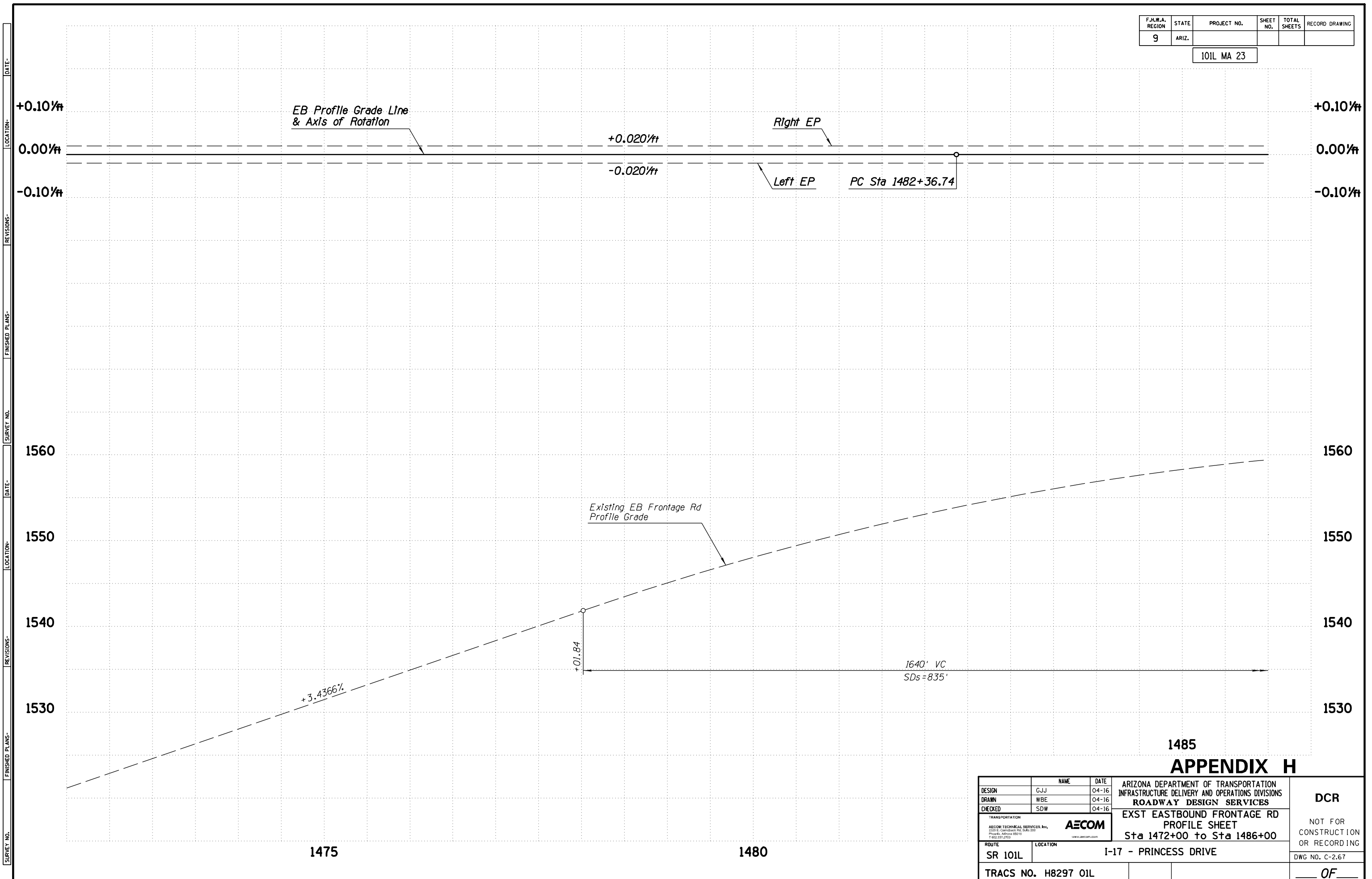


SURVEY NO. FINISHED PLANS DATE LOCATION REVISIONS FINISHED PLANS SURVEY NO. DATE LOCATION REVISIONS DATE

DESIGN		GJJ	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b> EXST WESTBOUND FRONTAGE RD PROFILE SHEET Sta 1472+00 to Sta 1486+00	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING
DRAWN		WBE	04-16		
CHECKED		SDW	04-16		
<small>TRANSPORTATION</small> <b>AECOM</b> <small>AECOM TECHNICAL SERVICES, Inc.          2555 E. Camelback Rd., Suite 200          Phoenix, Arizona 85016          T 602.337.2700</small>					
ROUTE	LOCATION	I-17 - PRINCESS DRIVE			
SR 101L		DWG NO. C-2.66			
TRACS NO. H8297 01L		OF			

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



DATE: \_\_\_\_\_  
 LOCATION: \_\_\_\_\_  
 REVISIONS: \_\_\_\_\_  
 FINISHED PLANS: \_\_\_\_\_  
 SURVEY NO.: \_\_\_\_\_  
 DATE: \_\_\_\_\_  
 LOCATION: \_\_\_\_\_  
 REVISIONS: \_\_\_\_\_  
 FINISHED PLANS: \_\_\_\_\_  
 SURVEY NO.: \_\_\_\_\_

EB Profile Grade Line  
& Axis of Rotation

Right EP

Left EP

PC Sta 1482+36.74

+0.020%/ft

-0.020%/ft

Existing EB Frontage Rd  
Profile Grade

+3.4366%

+01.84

1640' VC  
SDs=835'

1485

### APPENDIX H

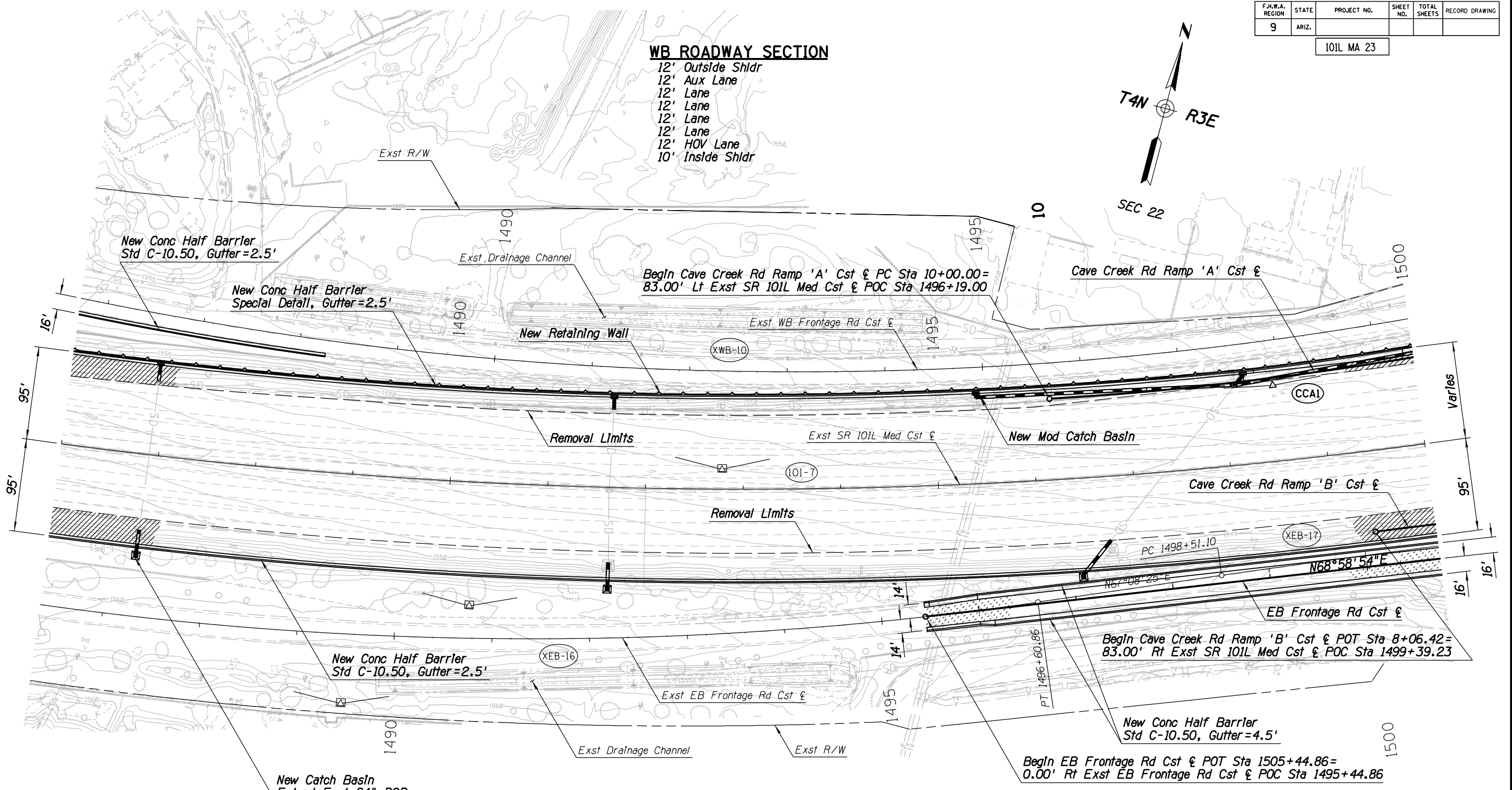
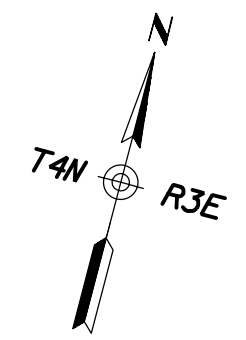
DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com				<b>AECOM</b> EXST EASTBOUND FRONTAGE RD PROFILE SHEET Sta 1472+00 to Sta 1486+00	NOT FOR CONSTRUCTION OR RECORDING
ROUTE	LOCATION	I-17 - PRINCESS DRIVE			
SR 101L				DWG NO. C-2.67	OF
TRACS NO. H8297 01L					

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23

**WB ROADWAY SECTION**

- 12' Outside Shldr
- 12' Aux Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' HOV Lane
- 10' Inside Shldr



**EB ROADWAY SECTION**

- 10' Inside Shldr
- 12' HOV Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Aux Lane
- 12' Outside Shldr

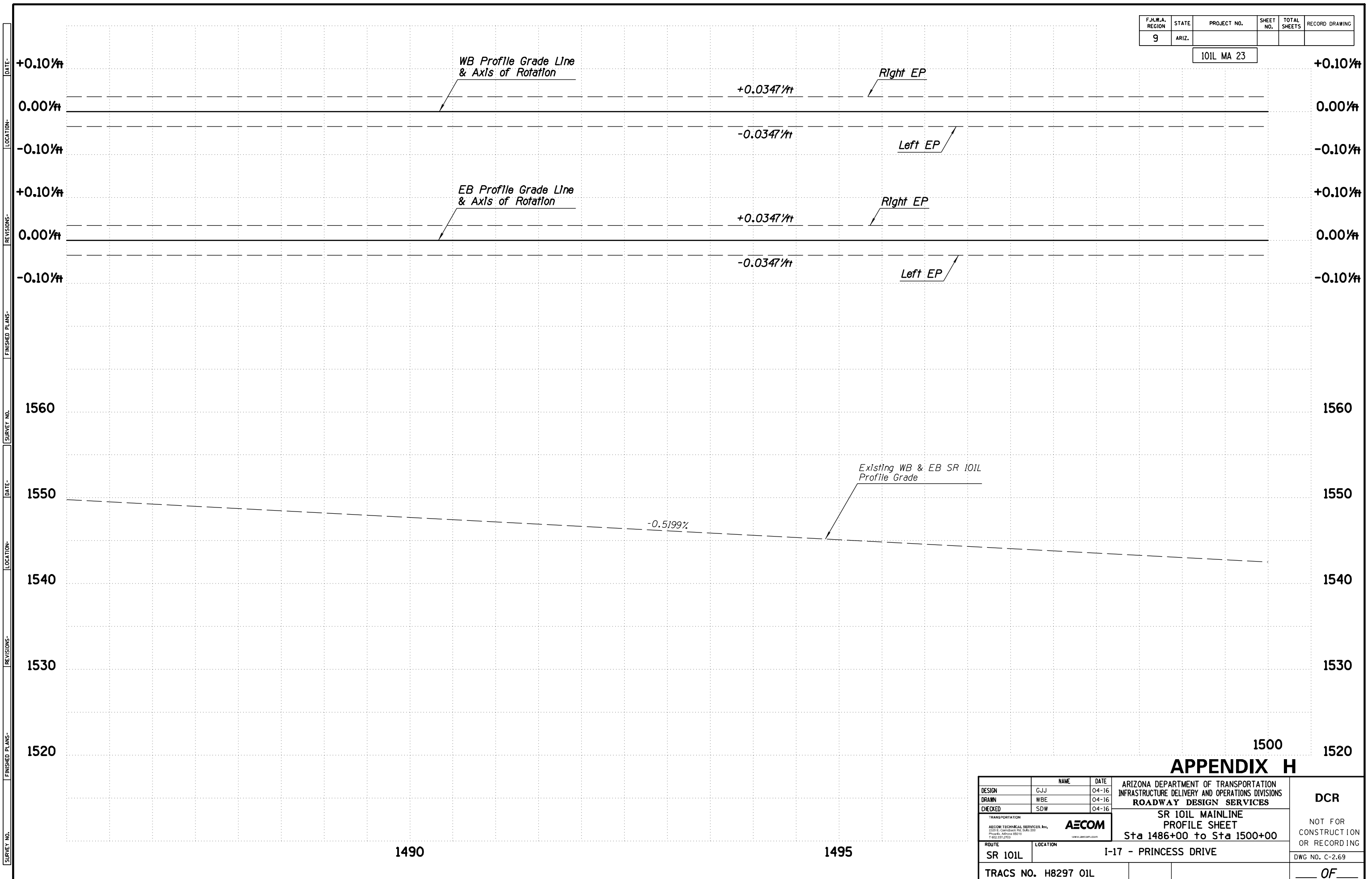
**APPENDIX H**

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION <small>AECOM TECHNICAL SERVICES, Inc. 2355 E. Camelback Rd, Suite 200 Phoenix, Arizona 85016 T 602.337.2700</small>				<b>AECOM</b> <small>www.aecom.com</small>	<b>SR 101L MAINLINE PLAN SHEET Sta 1486+00 to Sta 1500+00</b>
ROUTE	LOCATION	I-17 - PRINCESS DRIVE			
SR 101L				DWG NO. C-2.68	NOT FOR CONSTRUCTION OR RECORDING
TRACS NO. H8297 01L					OF

SURVEY NO. FINISHED PLANS DATE REVISIONS LOCATION DATE FINISHED PLANS SURVEY NO. REVISIONS LOCATION DATE

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



1490

1495

1500

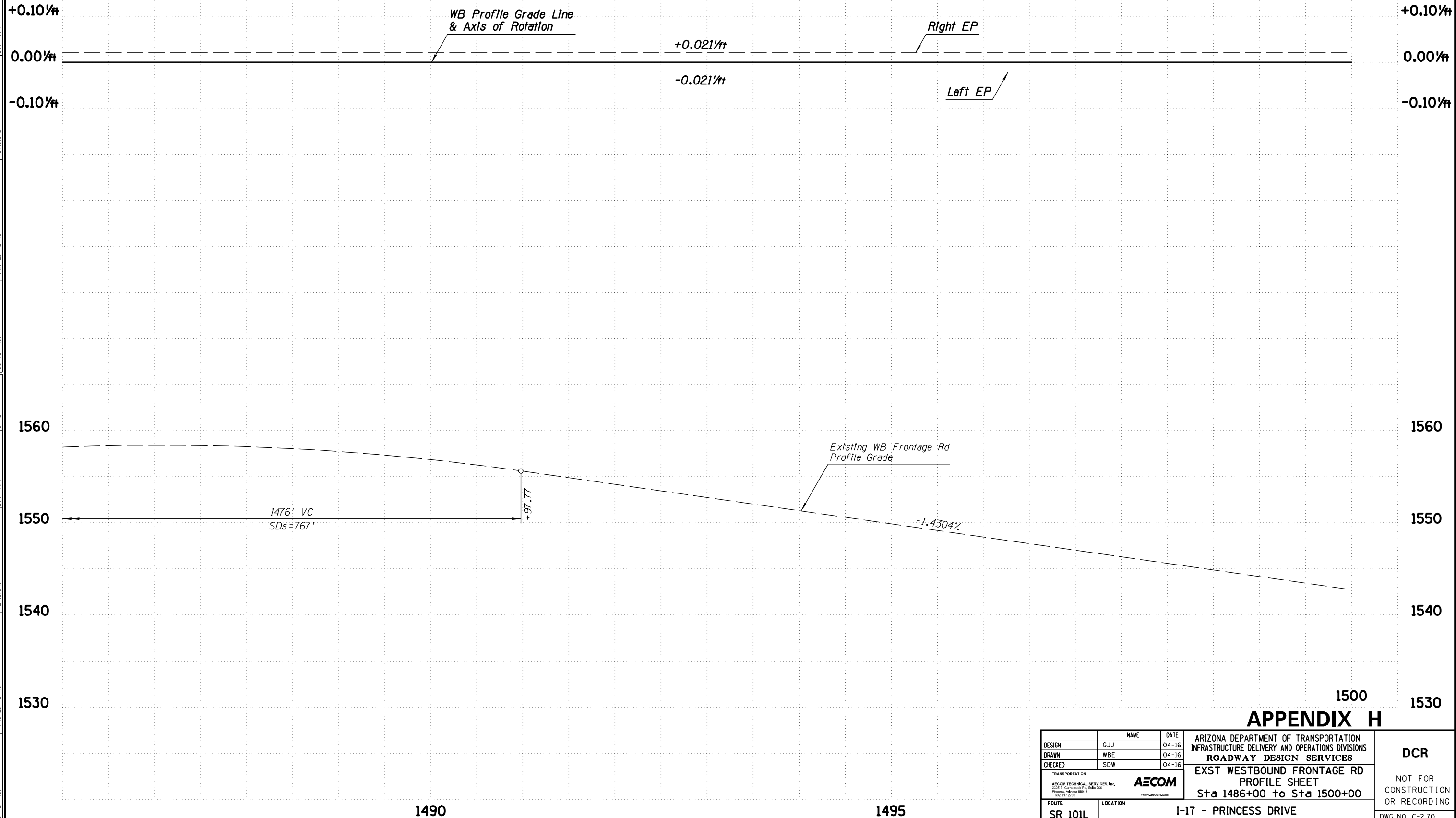
### APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION					<b>SR 101L MAINLINE PROFILE SHEET Sta 1486+00 to Sta 1500+00</b>
ROUTE	LOCATION				
SR 101L	I-17 - PRINCESS DRIVE			NOT FOR CONSTRUCTION OR RECORDING	
TRACS NO. H8297 01L				DWG NO. C-2.69	
				OF	

DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_ REVISIONS: \_\_\_\_\_ FINISHED PLANS: \_\_\_\_\_ SURVEY NO.: \_\_\_\_\_

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



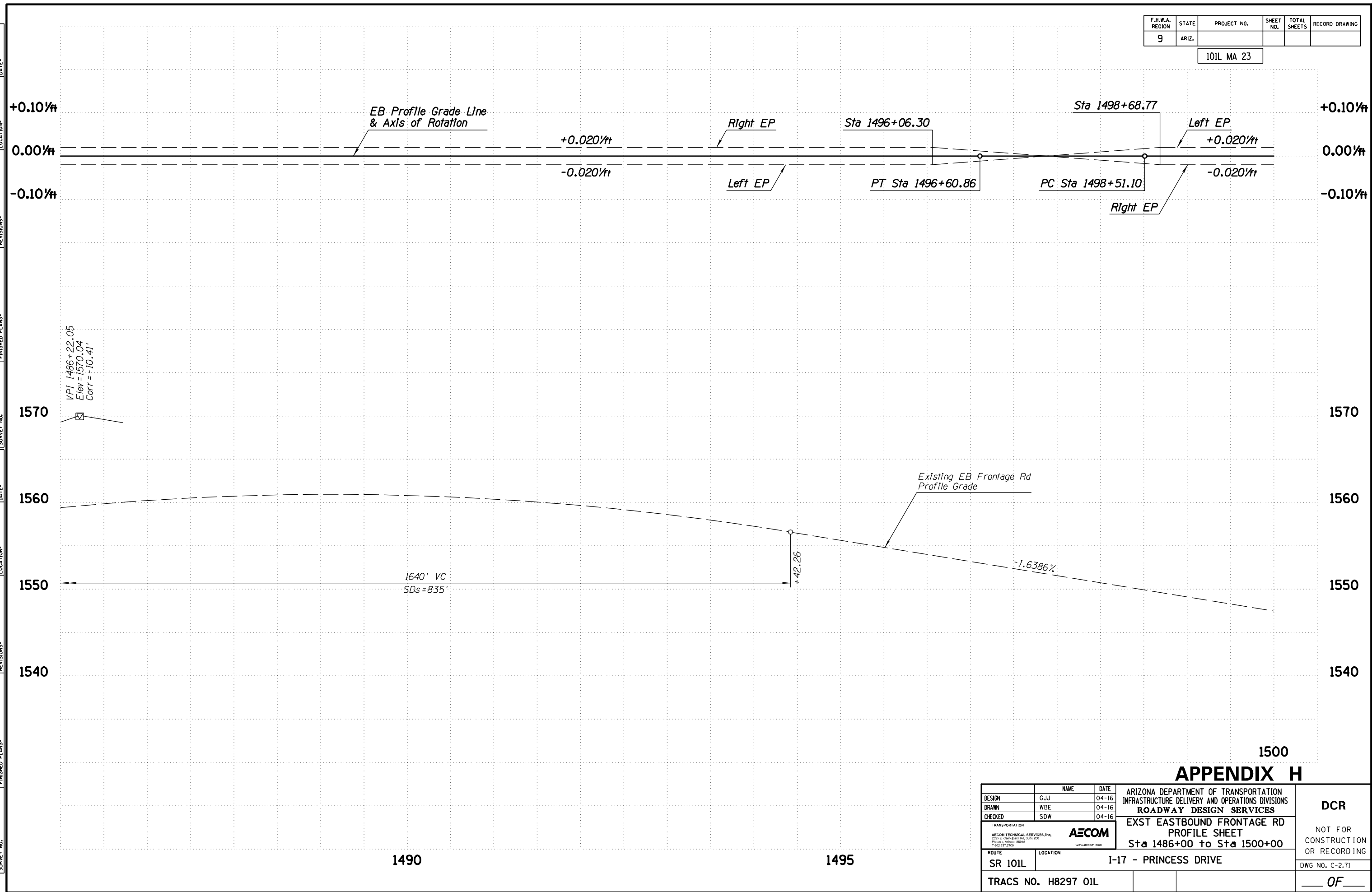
### APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION					<b>EXST WESTBOUND FRONTAGE RD PROFILE SHEET Sta 1486+00 to Sta 1500+00</b>
<small>AECOM TECHNICAL SERVICES, Inc. 2555 E. Camelback Rd, Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com</small>					
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		DWG NO. C-2.70
TRACS NO. H8297 01L					OF



F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

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DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_ REVISIONS: \_\_\_\_\_ FINISHED PLANS: \_\_\_\_\_ SURVEY NO. \_\_\_\_\_ DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_ REVISIONS: \_\_\_\_\_ FINISHED PLANS: \_\_\_\_\_ SURVEY NO. \_\_\_\_\_

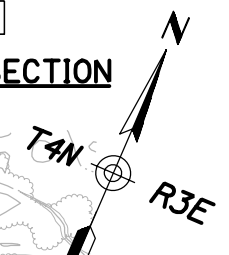
DESIGN		GJJ	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>
DRAWN		WBE	04-16		
CHECKED		SDW	04-16		
TRANSPORTATION				<b>AECOM</b>	EXST EASTBOUND FRONTAGE RD PROFILE SHEET Sta 1486+00 to Sta 1500+00
AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com					
ROUTE	LOCATION	I-17 - PRINCESS DRIVE		NOT FOR CONSTRUCTION OR RECORDING	
SR 101L				DWG NO. C-2.71	
TRACS NO. H8297 01L				OF	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

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**WB ROADWAY SECTION**

- 12' Outside Shldr
- 12' Lane
- 12' Lane
- 12' Lane
- 12' HOV Lane
- 10' Inside Shldr



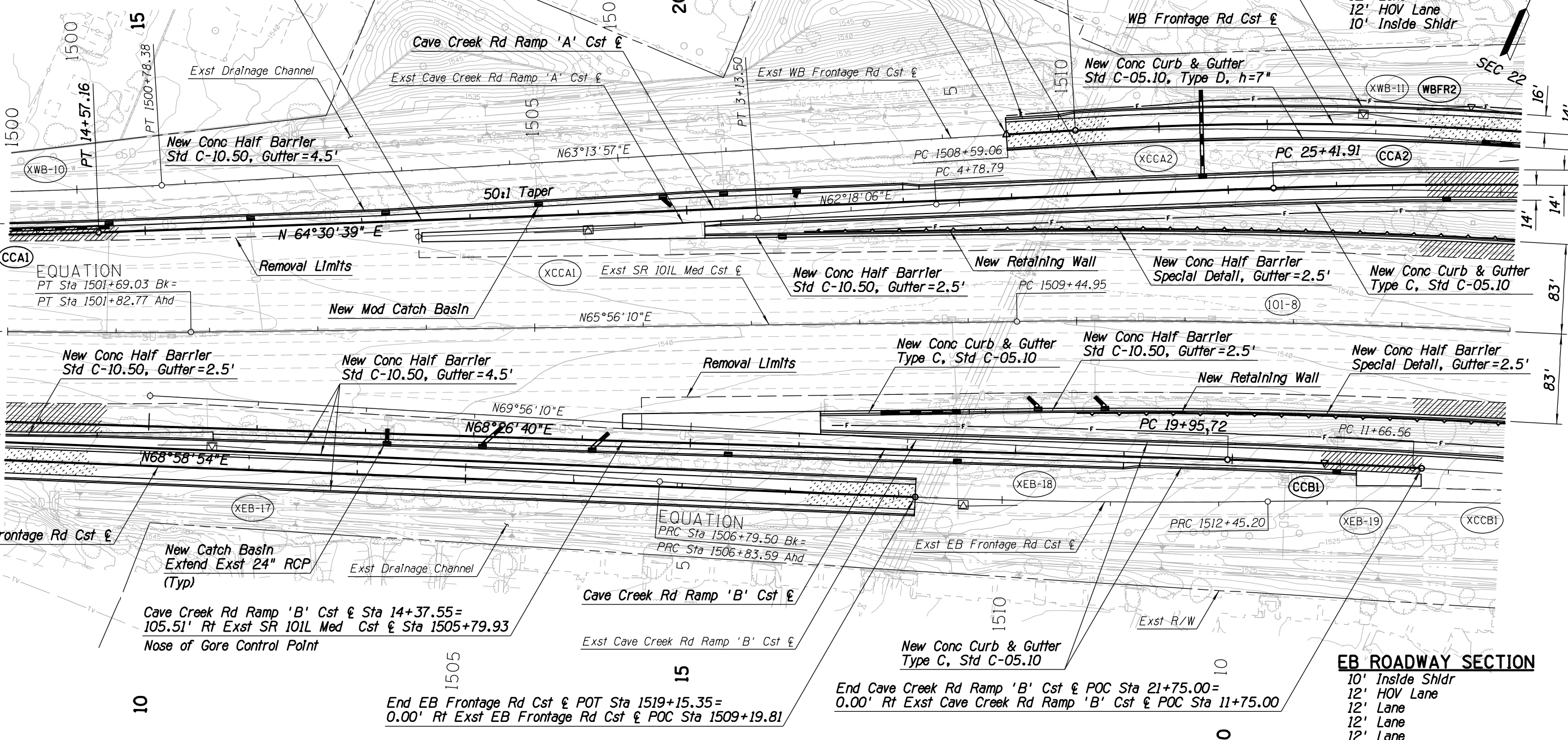
Cave Creek Rd Ramp 'A' Cst @ Sta 17+55.26=  
100.5' Lt Exst SR 101L Med Cst @ Sta 1503+96.91  
Nose of Gore Control Point

Begin WB Frontage Rd Cst @ POT Sta 1518+59.06=  
0.00' Rt Exst WB Frontage Rd Cst @ POT Sta 1508+59.06

New Conc Half Barrier  
Std C-10.50, Gutter=4.5'

WB Frontage Rd Cst @

New Conc Curb & Gutter  
Std C-05.10, Type D, h=7"



**EB ROADWAY SECTION**

- 10' Inside Shldr
- 12' HOV Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Aux Lane
- 12' Outside Shldr

**EB ROADWAY SECTION**

- 10' Inside Shldr
- 12' HOV Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Outside Shldr

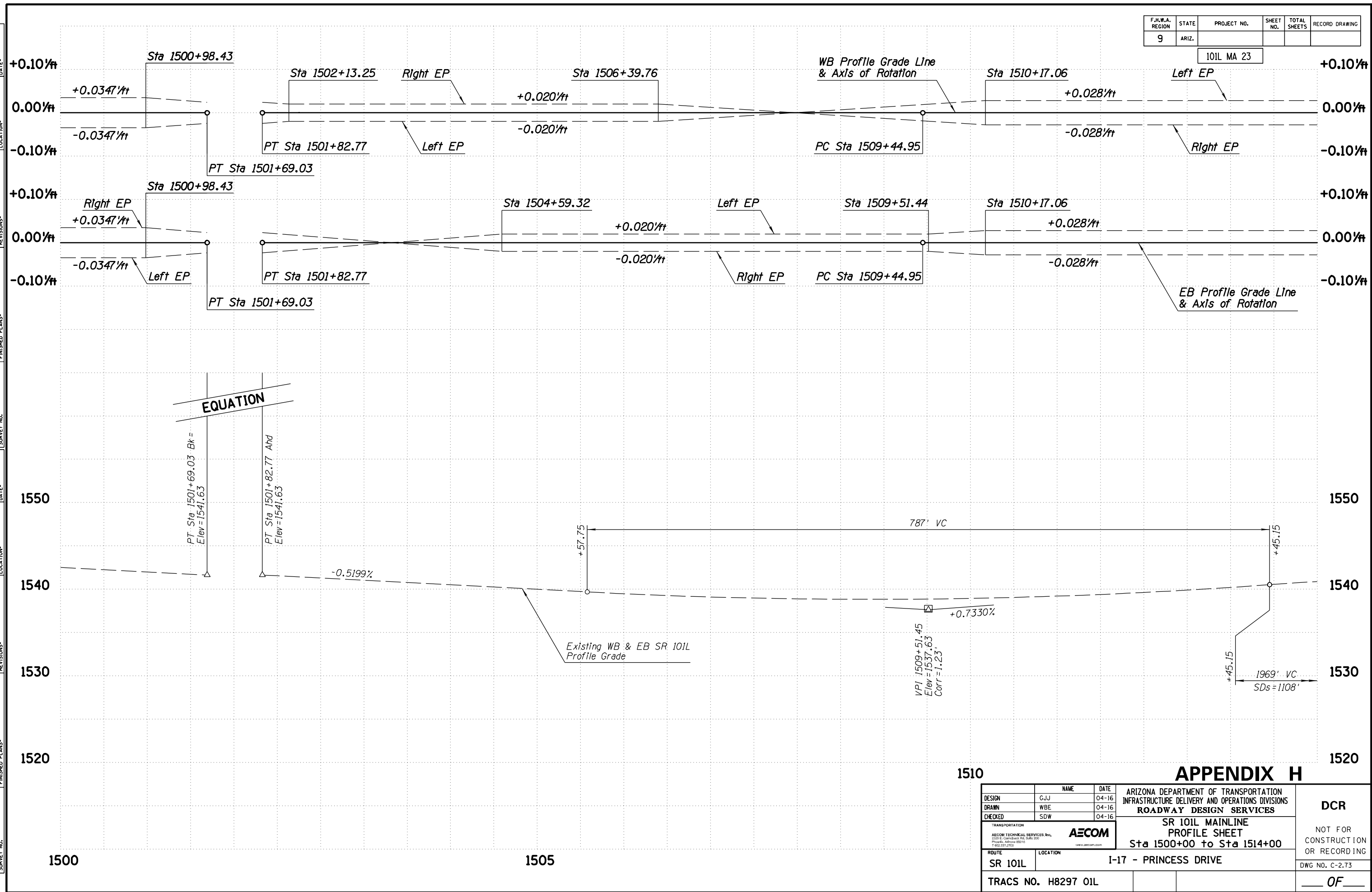
**APPENDIX H**

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION				SR 101L MAINLINE PLAN SHEET Sta 1500+00 to Sta 1514+00	NOT FOR CONSTRUCTION OR RECORDING
AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd, Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com					
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		DWG NO. C-2.72
TRACS NO. H8297 01L					OF

SURVEY NO. FINISHED PLANS- DATE REVISIONS- LOCATION- FINISHED PLANS- DATE SURVEY NO. FINISHED PLANS- DATE REVISIONS- LOCATION- FINISHED PLANS- DATE SURVEY NO.

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_ REVISIONS: \_\_\_\_\_ SURVEY NO. \_\_\_\_\_ DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_ REVISIONS: \_\_\_\_\_ SURVEY NO. \_\_\_\_\_

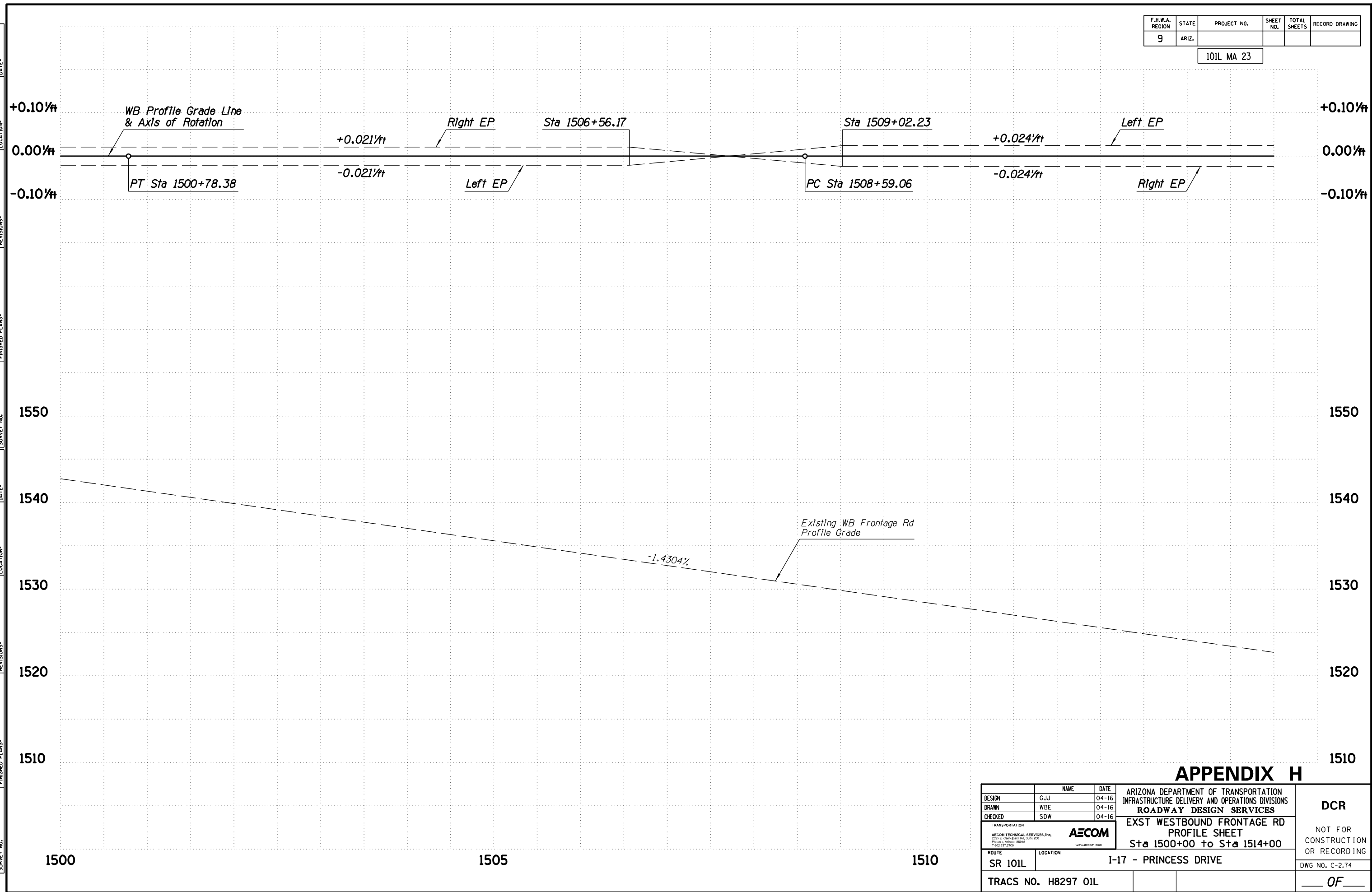
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### APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com				<b>AECOM</b> SR 101L MAINLINE PROFILE SHEET Sta 1500+00 to Sta 1514+00	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L				DWG NO. C-2.73	
				NOT FOR CONSTRUCTION OR RECORDING	
				OF	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



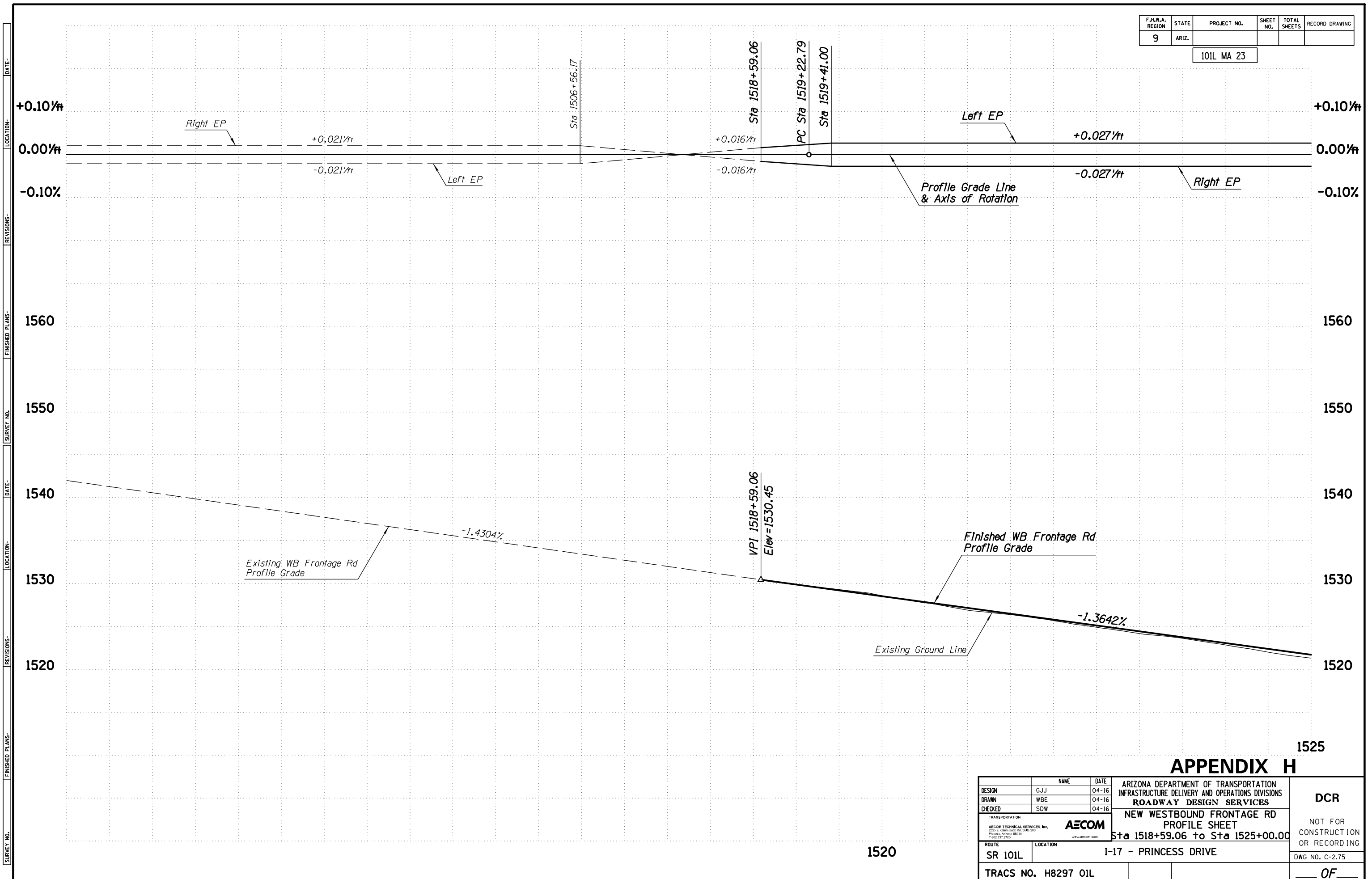
SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE

### APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b> EXST WESTBOUND FRONTAGE RD PROFILE SHEET Sta 1500+00 to Sta 1514+00	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com				<b>AECOM</b>	
ROUTE	LOCATION	SR 101L I-17 - PRINCESS DRIVE			
TRACS NO. H8297 01L		DWG NO. C-2.74 OF			

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



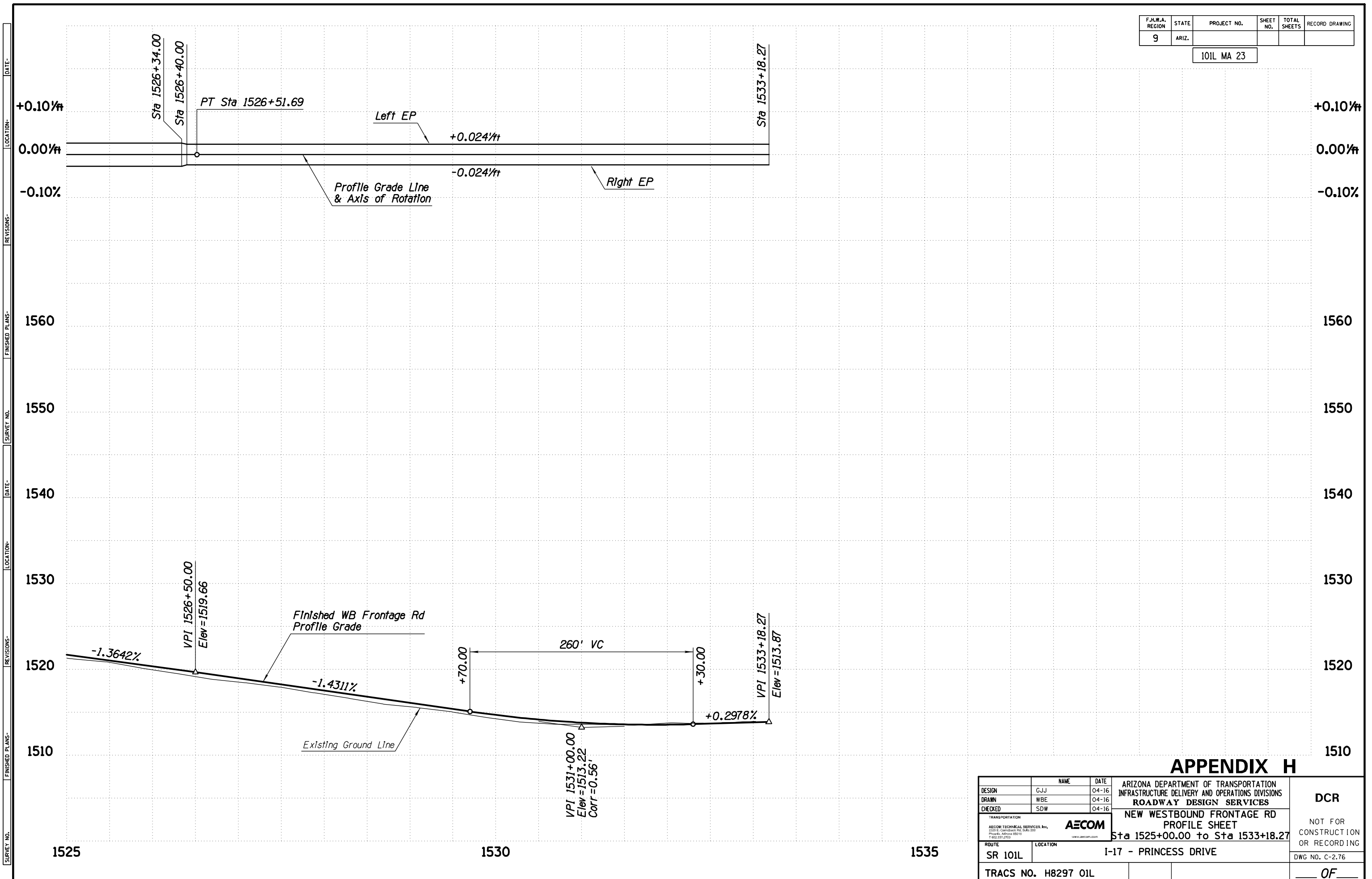
SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE

### APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b> NEW WESTBOUND FRONTAGE RD PROFILE SHEET Sta 1518+59.06 to Sta 1525+00.00	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
<small>TRANSPORTATION</small> AECOM TECHNICAL SERVICES, Inc. <small>2525 E. Camelback Rd., Suite 200          Phoenix, Arizona 85016          T 602.337.2700</small>					
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		DWG NO. C-2.75
TRACS NO. H8297 01L					OF

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



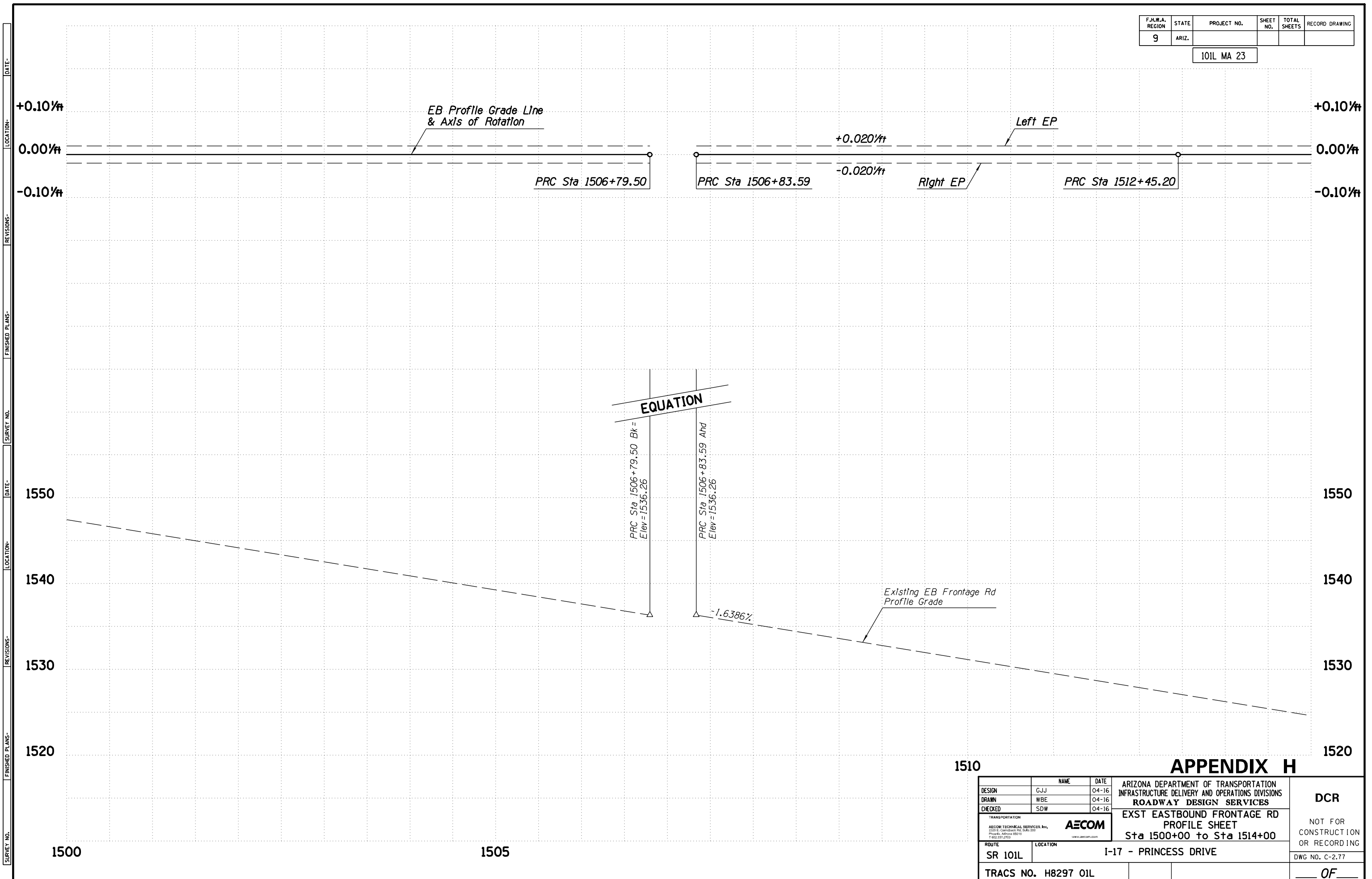
SURVEY NO. FINISHED PLANS DATE LOCATION REVISIONS FINISHED PLANS SURVEY NO. DATE LOCATION REVISIONS FINISHED PLANS DATE LOCATION REVISIONS FINISHED PLANS SURVEY NO. DATE

### APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b> NEW WESTBOUND FRONTAGE RD PROFILE SHEET Sta 1525+00.00 to Sta 1533+18.27	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com		<b>AECOM</b>			
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		DWG NO. C-2.76
TRACS NO. H8297 01L					OF

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

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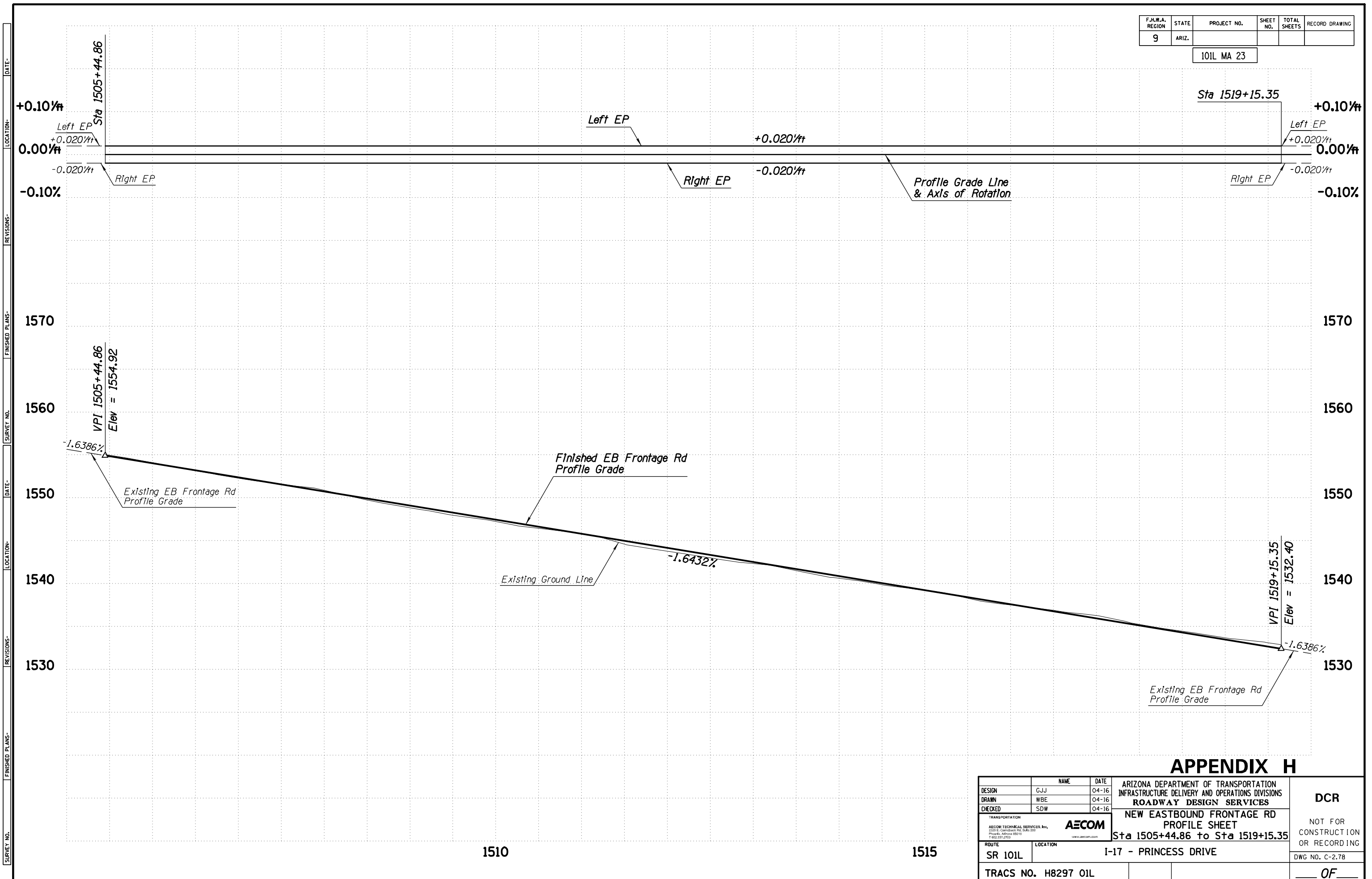
SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE

**APPENDIX H**

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b> EXST EASTBOUND FRONTAGE RD PROFILE SHEET Sta 1500+00 to Sta 1514+00	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
<small>TRANSPORTATION</small> <b>AECOM</b> <small>AECOM TECHNICAL SERVICES, Inc.          2555 E. Camelback Rd, Suite 200          Phoenix, Arizona 85016          T 602.337.2700</small>					
ROUTE	LOCATION				
SR 101L	I-17 - PRINCESS DRIVE				
TRACS NO. H8297 01L				DWG NO. C-2.77	
				OF	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

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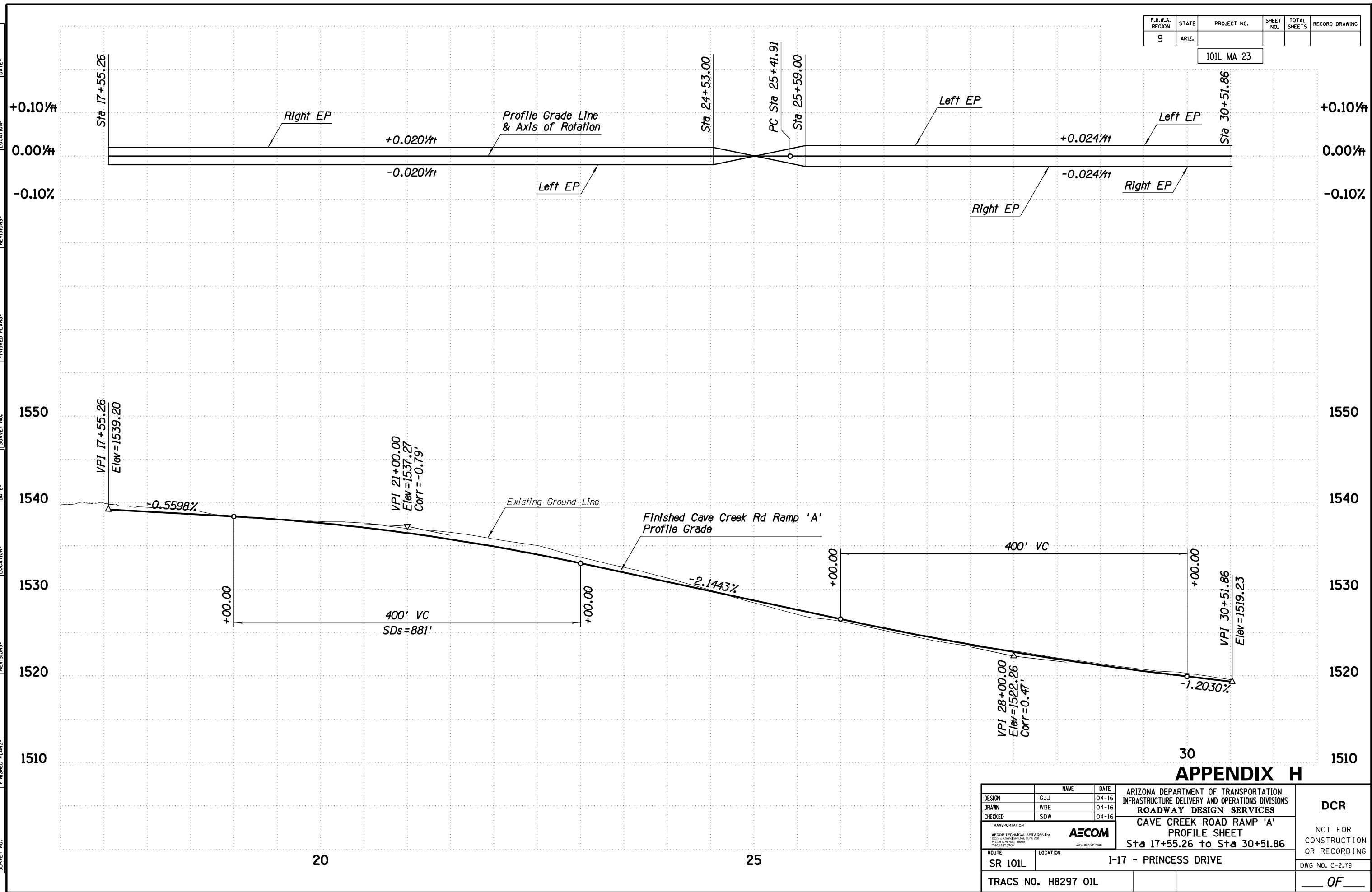
### APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION					<b>NEW EASTBOUND FRONTAGE RD PROFILE SHEET Sta 1505+44.86 to Sta 1519+15.35</b>
ROUTE	LOCATION				
SR 101L	I-17 - PRINCESS DRIVE			NOT FOR CONSTRUCTION OR RECORDING	DWG NO. C-2.78
TRACS NO. H8297 01L					OF



F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23

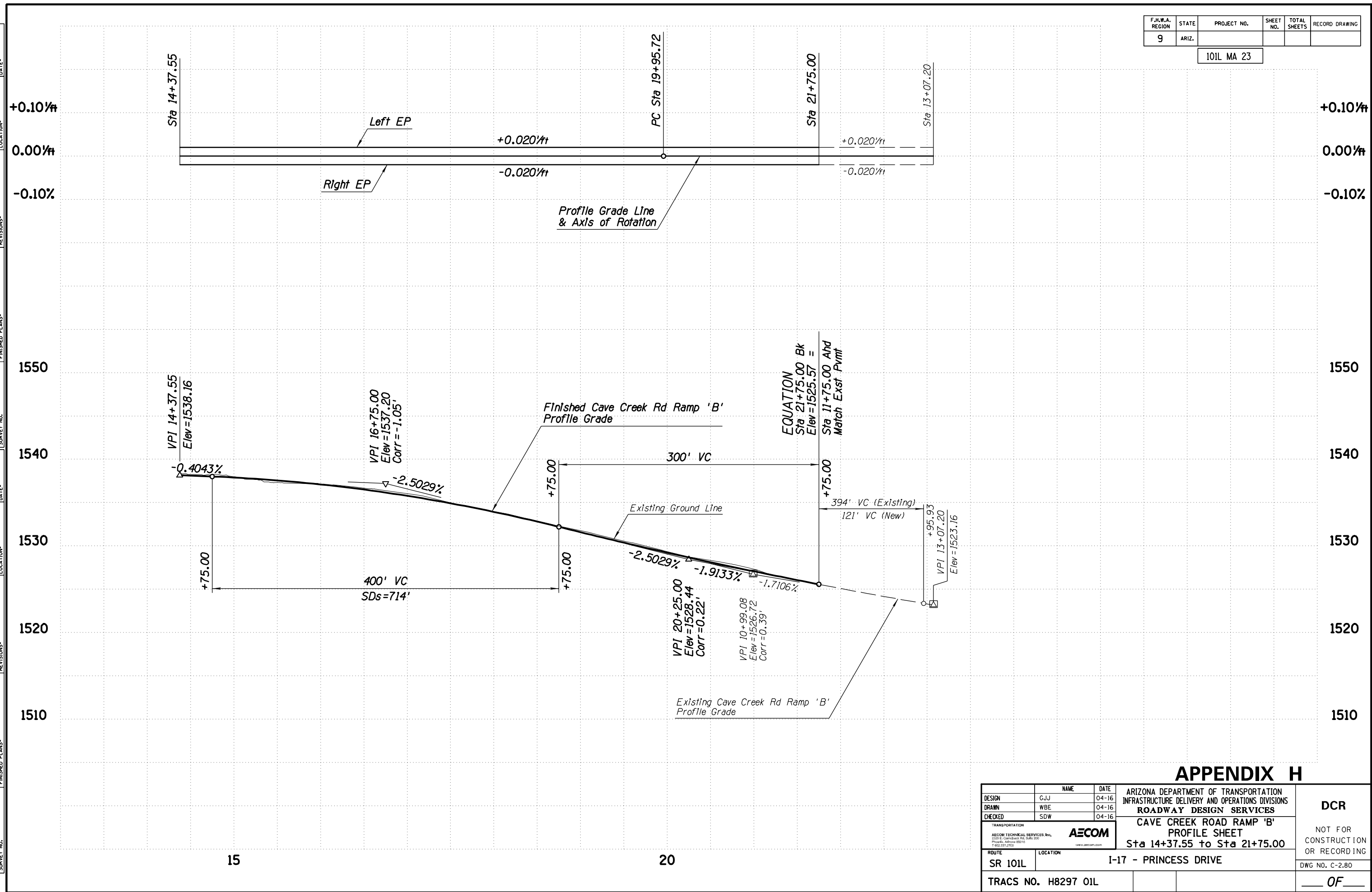


### APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR  NOT FOR CONSTRUCTION OR RECORDING
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd, Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com				CAVE CREEK ROAD RAMP 'A' PROFILE SHEET Sta 17+55.26 to Sta 30+51.86	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L				DWG NO. C-2.79	
				OF	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
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DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd, Suite 200 Phoenix, Arizona 85016 T 602.337.2700 <b>AECOM</b> www.aecom.com				<b>CAVE CREEK ROAD RAMP 'B'</b> <b>PROFILE SHEET</b> <b>Sta 14+37.55 to Sta 21+75.00</b>	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L				DWG NO. C-2.80	
				NOT FOR CONSTRUCTION OR RECORDING	
				OF	

**WB ROADWAY SECTION**

- 12' Outside Shldr
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' HOV Lane
- 10' Inside Shldr

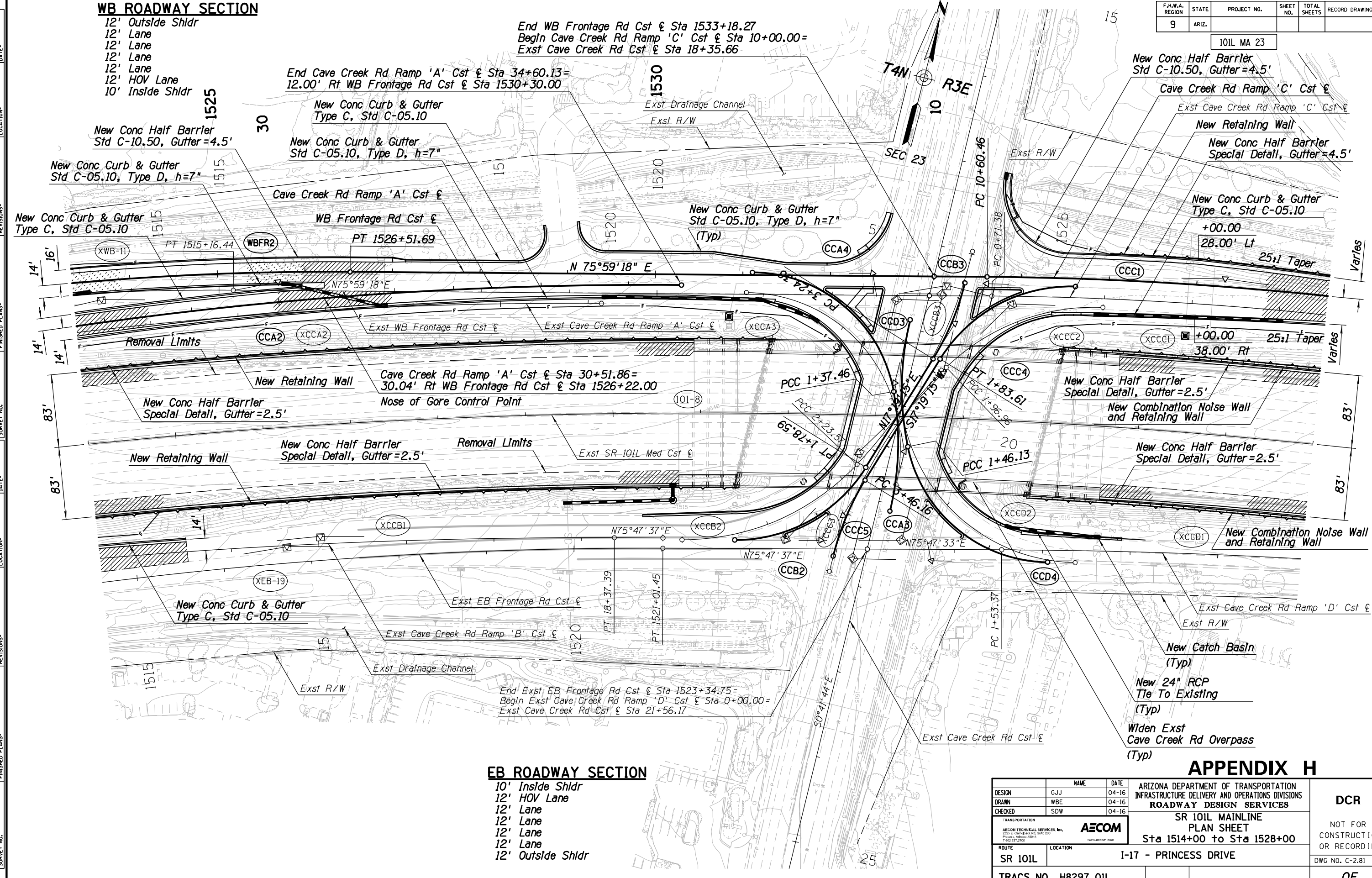
End WB Frontage Rd Cst @ Sta 1533+18.27  
 Begin Cave Creek Rd Ramp 'C' Cst @ Sta 10+00.00=  
 Exst Cave Creek Rd Cst @ Sta 18+35.66

End Cave Creek Rd Ramp 'A' Cst @ Sta 34+60.13=  
 12.00' Rt WB Frontage Rd Cst @ Sta 1530+30.00

End Exst EB Frontage Rd Cst @ Sta 1523+34.75=  
 Begin Exst Cave Creek Rd Ramp 'D' Cst @ Sta 0+00.00=  
 Exst Cave Creek Rd Cst @ Sta 21+56.17

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

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**EB ROADWAY SECTION**

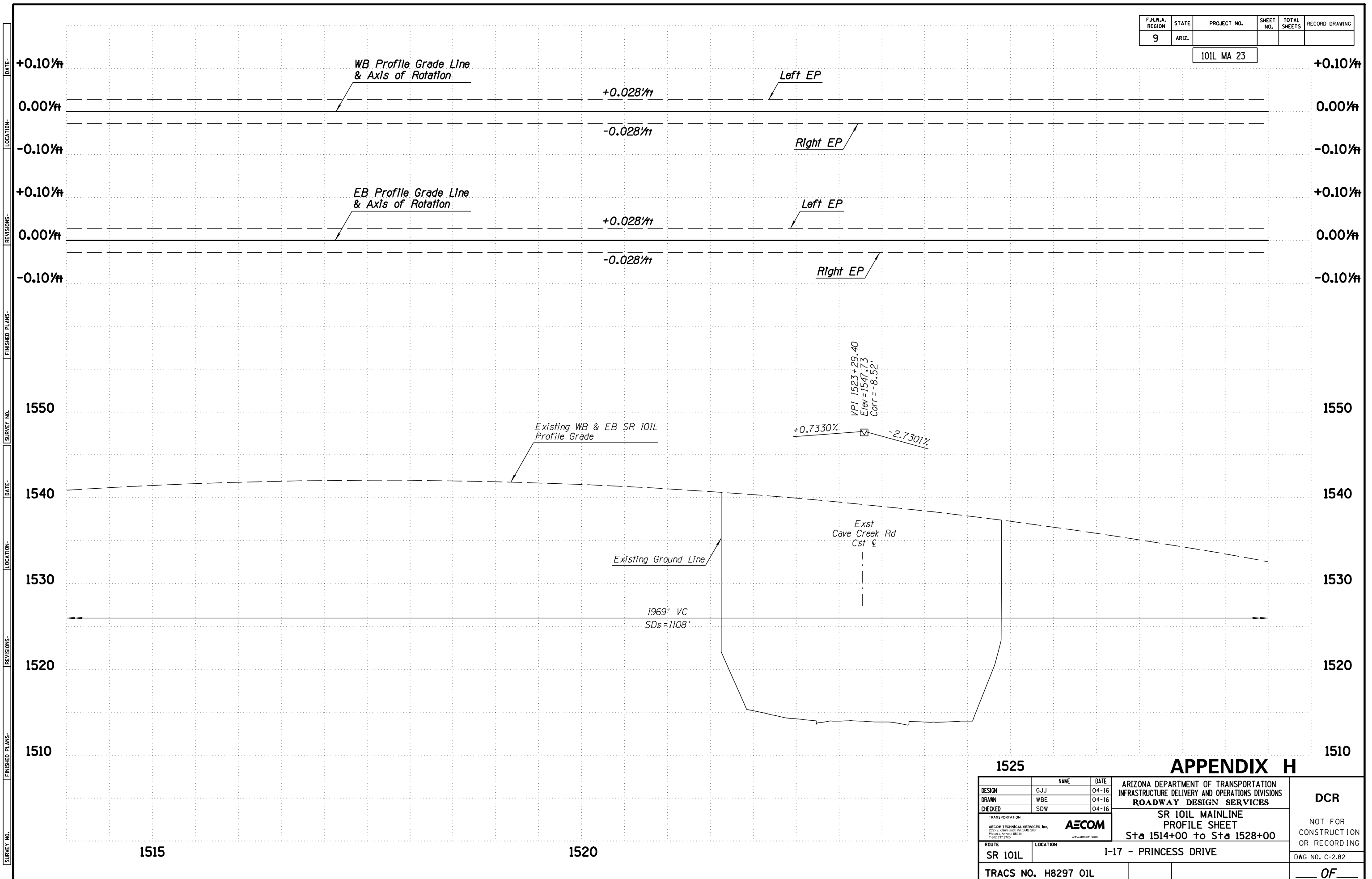
- 10' Inside Shldr
- 12' HOV Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Outside Shldr

**APPENDIX H**

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd, Suite 200 Phoenix, Arizona 85016 T: 602.337.2700 www.aecom.com				SR 101L MAINLINE PLAN SHEET Sta 1514+00 to Sta 1528+00	
ROUTE	LOCATION	I-17 - PRINCESS DRIVE			DWG NO. C-2.81
SR 101L		TRACS NO. H8297 01L			OF

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23

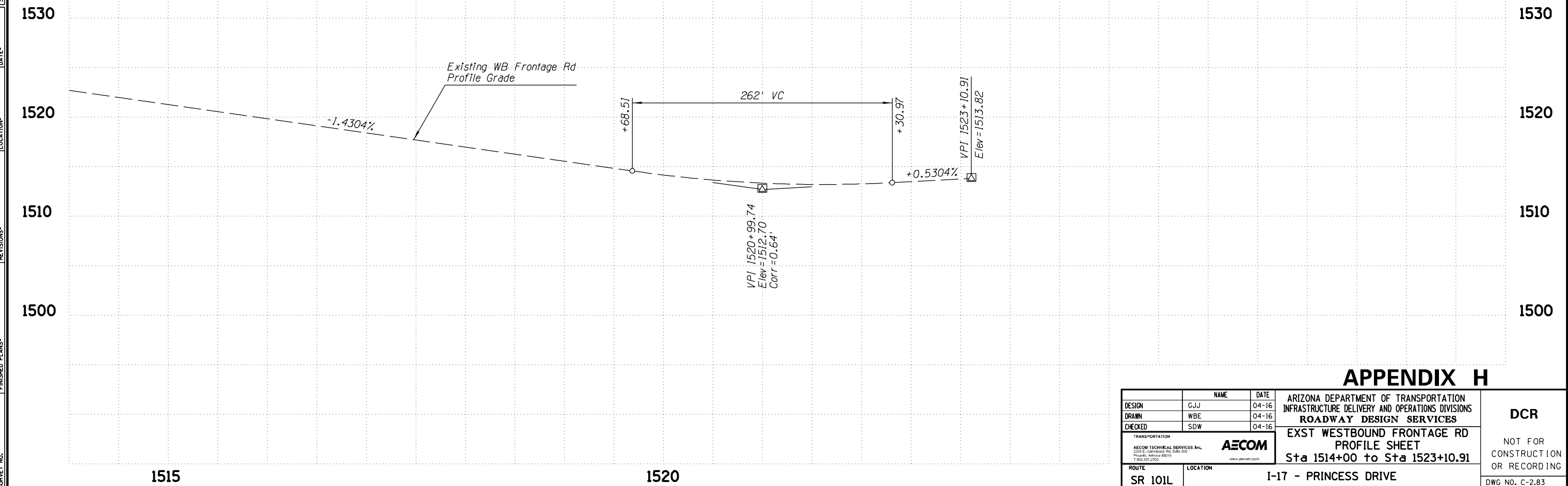
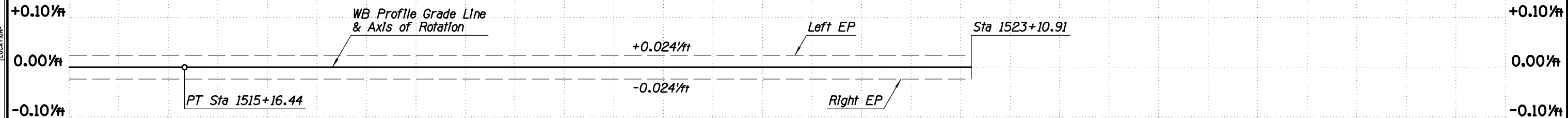


DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_ REVISIONS: \_\_\_\_\_ FINISHED PLANS: \_\_\_\_\_ SURVEY NO. \_\_\_\_\_ DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_ REVISIONS: \_\_\_\_\_ FINISHED PLANS: \_\_\_\_\_ SURVEY NO. \_\_\_\_\_

<b>1525</b>		<b>APPENDIX H</b>	
DESIGN	GJJ	DATE	04-16
DRAWN	WBE	DATE	04-16
CHECKED	SDW	DATE	04-16
<small>TRANSPORTATION</small> <b>AECOM</b> <small>AECOM TECHNICAL SERVICES, Inc.          2555 E. Camelback Rd., Suite 200          Phoenix, Arizona 85016          T 602.337.2700          www.aecom.com</small>		ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b> <b>DCR</b> NOT FOR CONSTRUCTION OR RECORDING	
<b>SR 101L MAINLINE          PROFILE SHEET          Sta 1514+00 to Sta 1528+00</b>			
ROUTE	LOCATION		
SR 101L	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L		DWG NO. C-2.82	
		OF	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



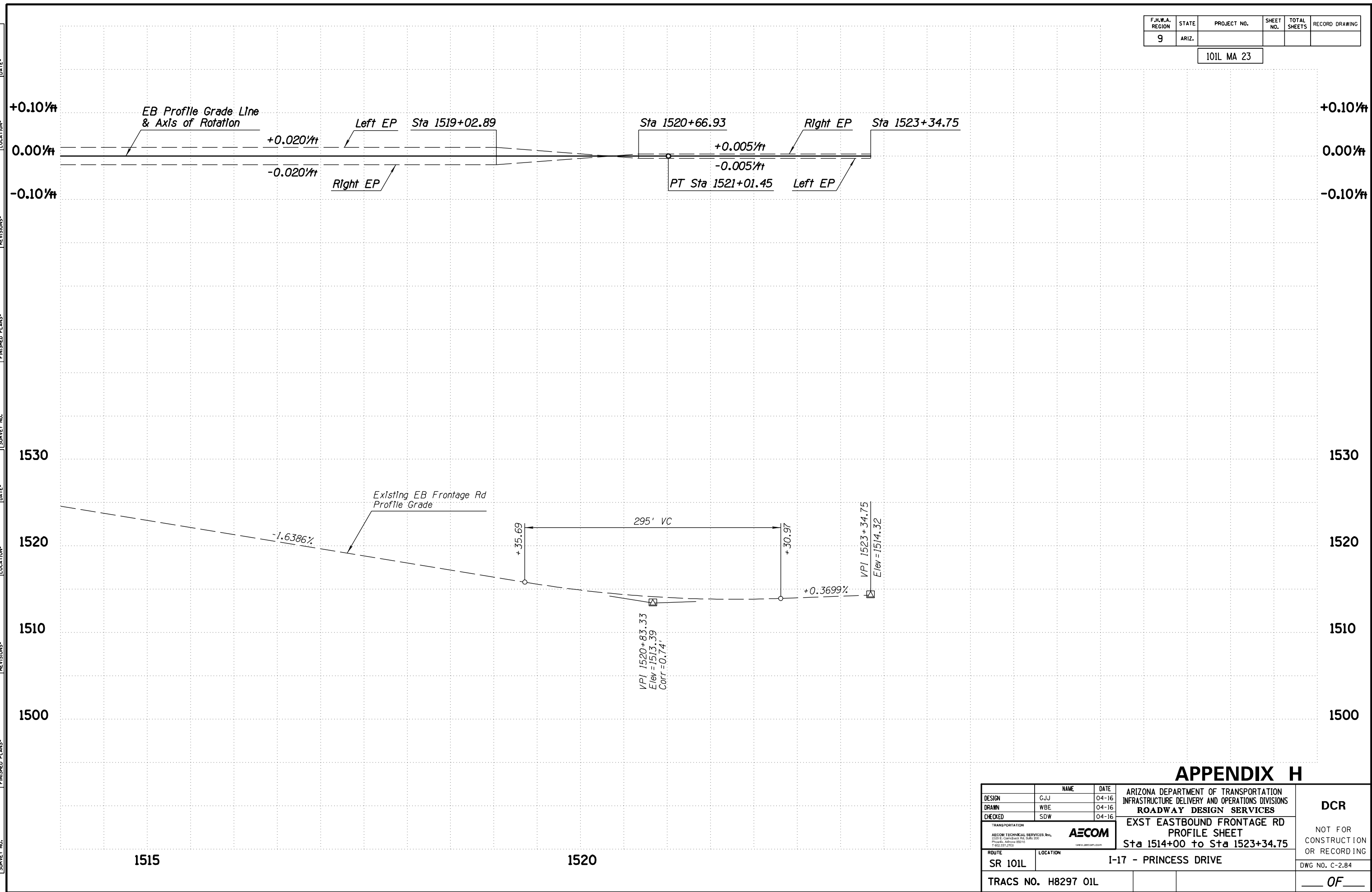
### APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION					<b>EXST WESTBOUND FRONTAGE RD PROFILE SHEET Sta 1514+00 to Sta 1523+10.91</b>
ROUTE	LOCATION				
SR 101L	I-17 - PRINCESS DRIVE			NOT FOR CONSTRUCTION OR RECORDING	
TRACS NO. H8297 01L				DWG NO. C-2.83	
				OF	

SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
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DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION					<b>EXST EASTBOUND FRONTAGE RD PROFILE SHEET Sta 1514+00 to Sta 1523+34.75</b>
ROUTE	LOCATION	I-17 - PRINCESS DRIVE			
SR 101L				DWG NO. C-2.84	OF
TRACS NO. H8297 01L					

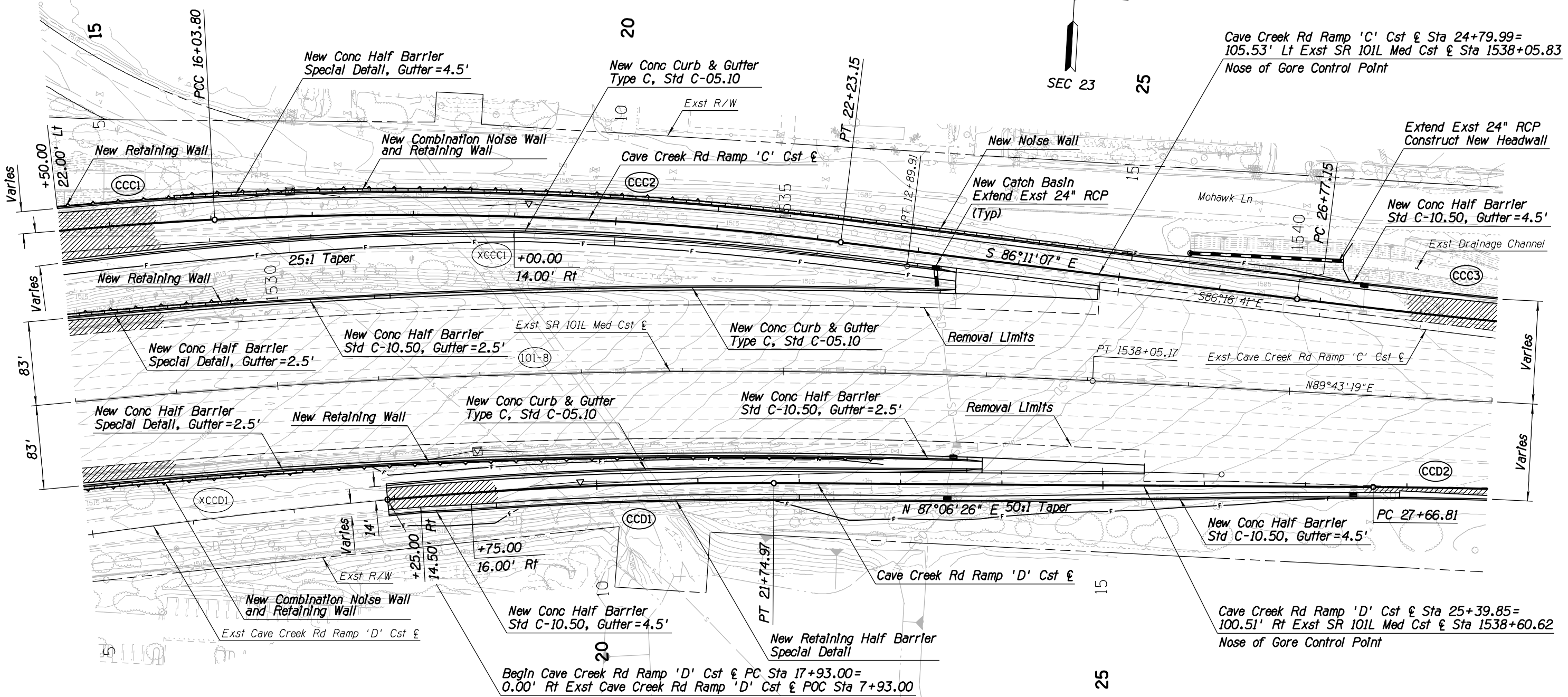
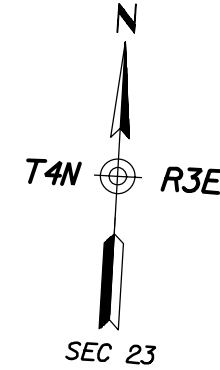
SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE

**WB ROADWAY SECTION**

- 12' Outside Shldr
- 12' Lane
- 12' Lane
- 12' Lane
- 12' HOV Lane
- 10' Inside Shldr

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

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**EB ROADWAY SECTION**

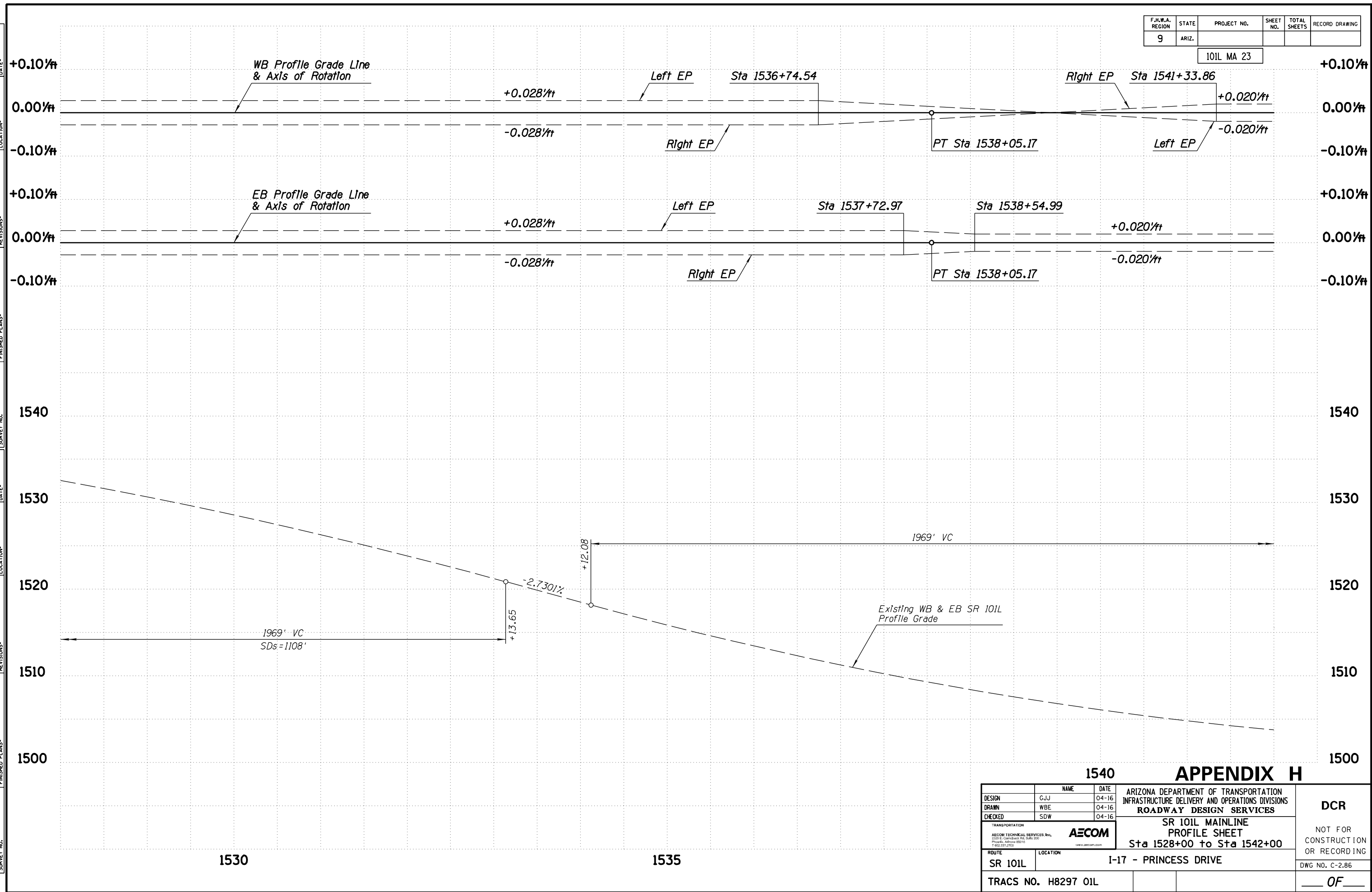
- 10' Inside Shldr
- 12' HOV Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Outside Shldr

**APPENDIX H**

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	<b>DCR</b>
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2325 E. Camelback Rd, Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com				SR 101L MAINLINE PLAN SHEET Sta 1528+00 to Sta 1542+00	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		DWG NO. C-2.85
TRACS NO. H8297 01L					OF

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

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DATE: \_\_\_\_\_ REVISIONS: \_\_\_\_\_ FINISHED PLANS: \_\_\_\_\_ SURVEY NO. \_\_\_\_\_

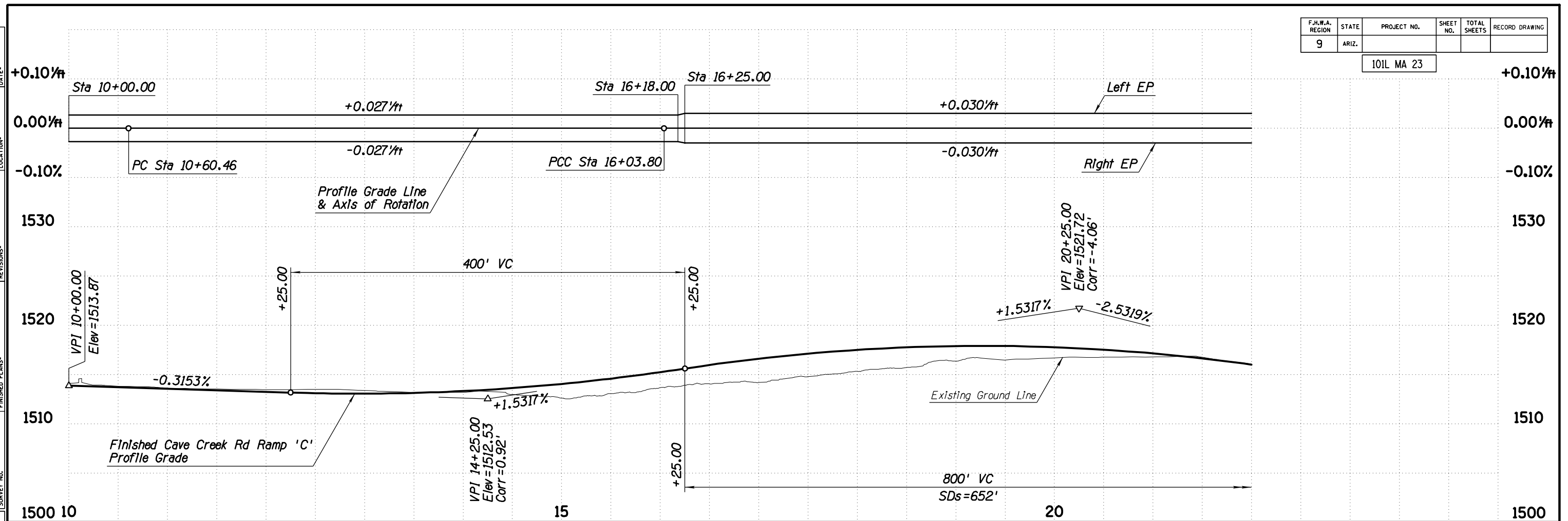
**APPENDIX H**

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com				<b>SR 101L MAINLINE PROFILE SHEET Sta 1528+00 to Sta 1542+00</b>	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		DWG NO. C-2.86
TRACS NO. H8297 01L					OF



F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23

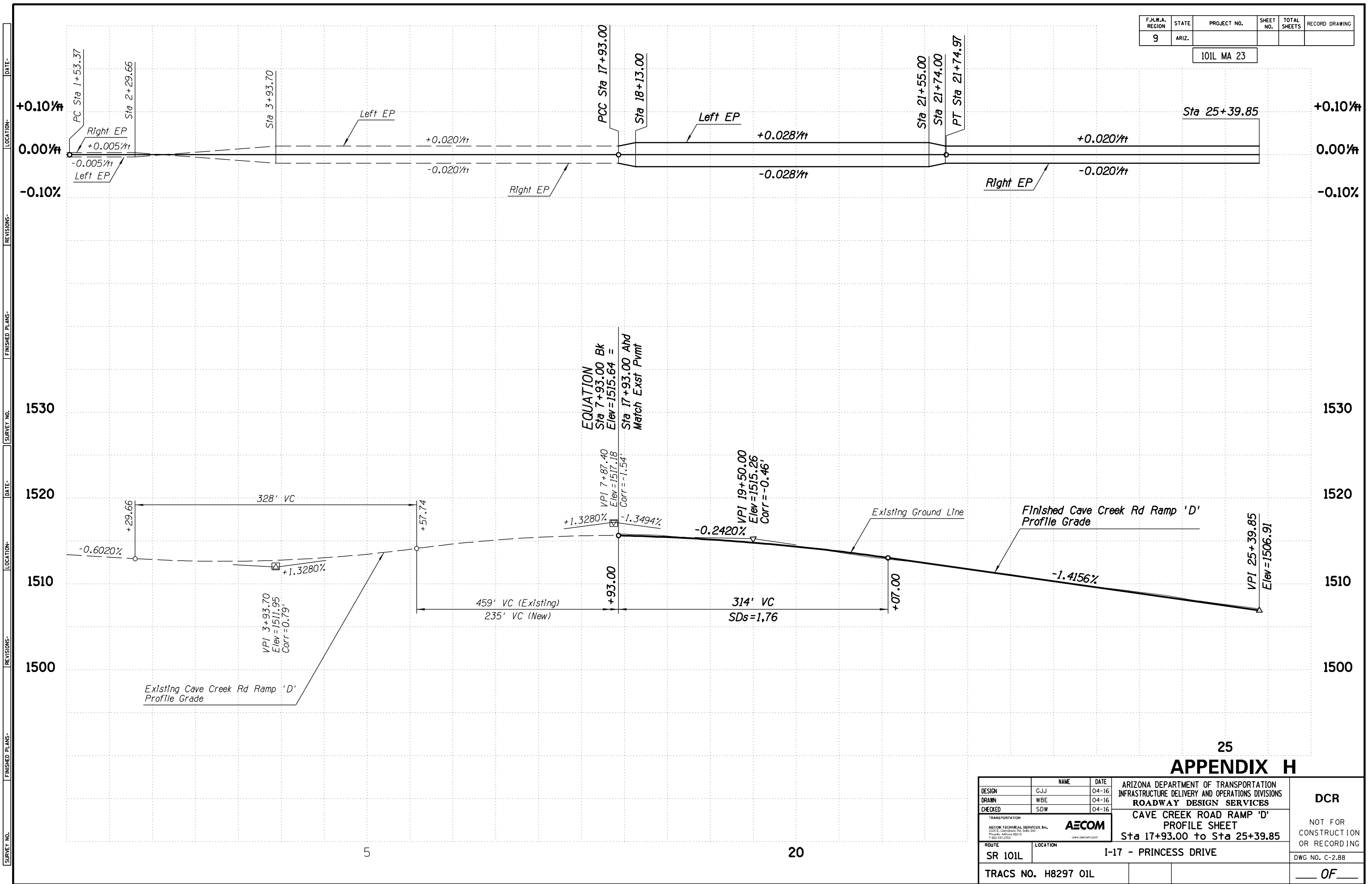


### APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
<small>TRANSPORTATION</small> <small>AECOM TECHNICAL SERVICES, Inc.</small> <small>2525 E. Camelback Rd., Suite 200</small> <small>Phoenix, Arizona 85016</small> <small>T 602.337.2700</small> <small>www.aecom.com</small>				<b>AECOM</b> <b>CAVE CREEK ROAD RAMP 'C'</b> <b>PROFILE SHEET</b> <b>Sta 10+00.00 to Sta 24+79.99</b>	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L					DWG NO. C-2.87
					NOT FOR CONSTRUCTION OR RECORDING
					OF

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23

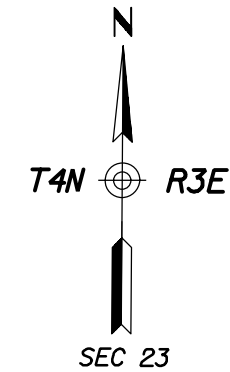


## APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd, Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com				<b>AECOM</b> <b>CAVE CREEK ROAD RAMP 'D'</b> <b>PROFILE SHEET</b> <b>Sta 17+93.00 to Sta 25+39.85</b>	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L					DWG NO. C-2.88
					NOT FOR CONSTRUCTION OR RECORDING
					OF

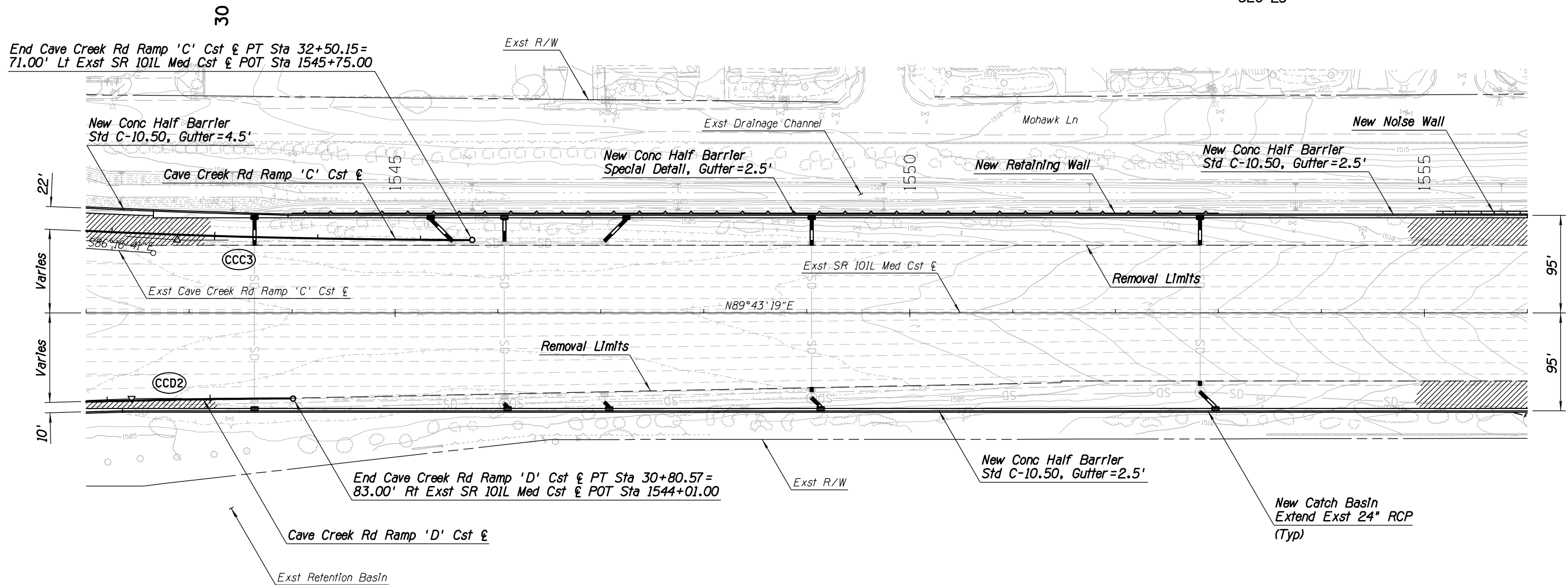
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



**WB ROADWAY SECTION**

- 12' Outside Shldr
- 12' Aux Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' HOV Lane
- 10' Inside Shldr



**EB ROADWAY SECTION**

- 10' Inside Shldr
- 12' HOV Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Aux Lane
- 12' Outside Shldr

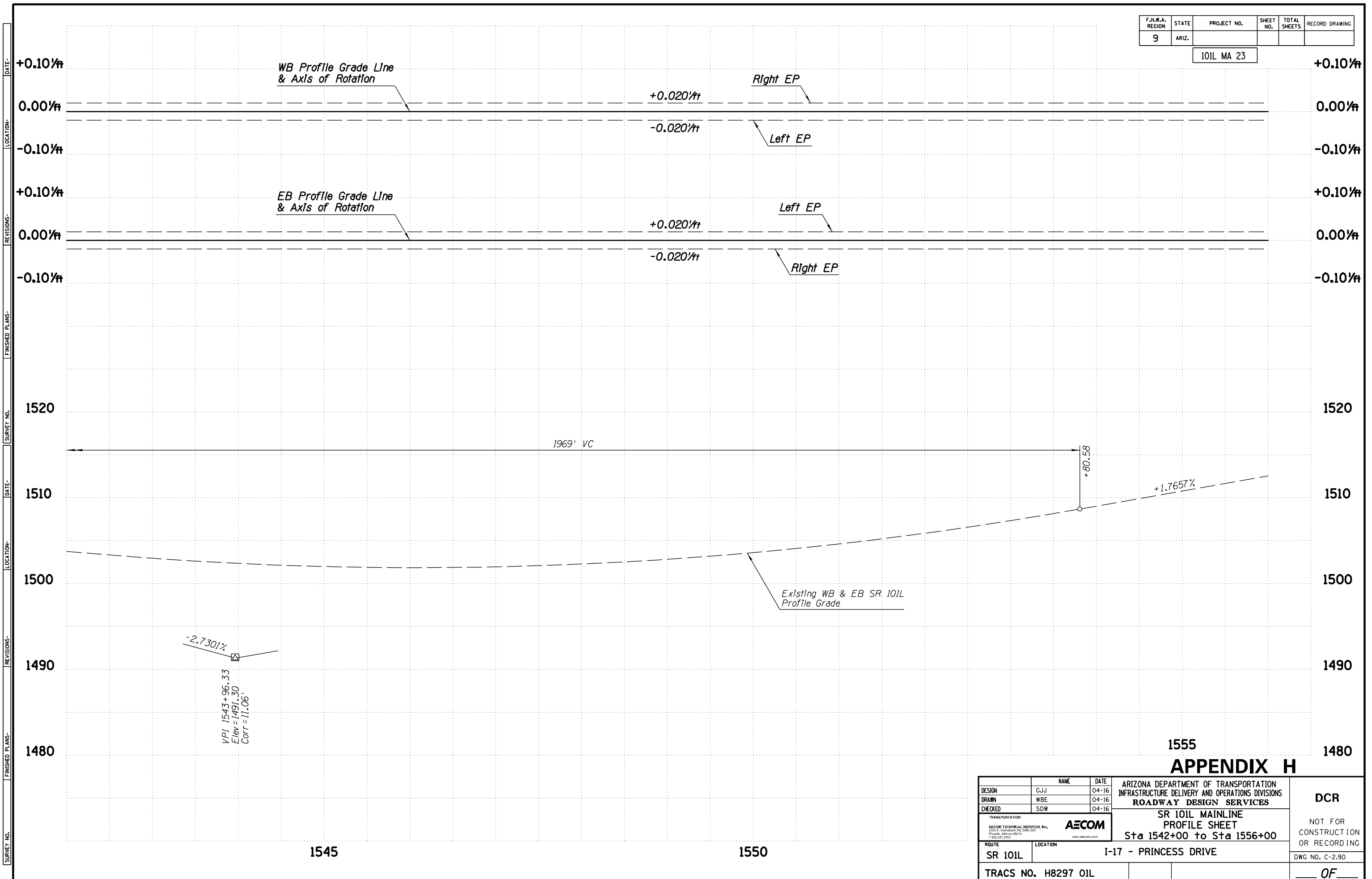
**APPENDIX H**

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION				SR 101L MAINLINE PLAN SHEET Sta 1542+00 to Sta 1556+00	NOT FOR CONSTRUCTION OR RECORDING
AECOM TECHNICAL SERVICES, Inc. 2325 E. Camelback Rd, Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com					
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		DWG NO. C-2.89
TRACS NO. H8297 01L					OF

SURVEY NO. FINISHED PLANS DATE REVISIONS LOCATION DATE FINISHED PLANS SURVEY NO. REVISIONS LOCATION DATE

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



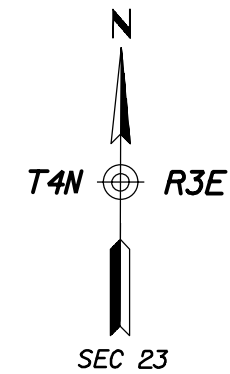
DATE: LOCATION: REVISIONS: FINISHED PLANS: SURVEY NO. DATE: LOCATION: REVISIONS: FINISHED PLANS: SURVEY NO.

### APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION					<b>SR 101L MAINLINE PROFILE SHEET Sta 1542+00 to Sta 1556+00</b>
ROUTE	LOCATION	I-17 - PRINCESS DRIVE			
SR 101L				DWG NO. C-2.90	NOT FOR CONSTRUCTION OR RECORDING
TRACS NO. H8297 01L					OF

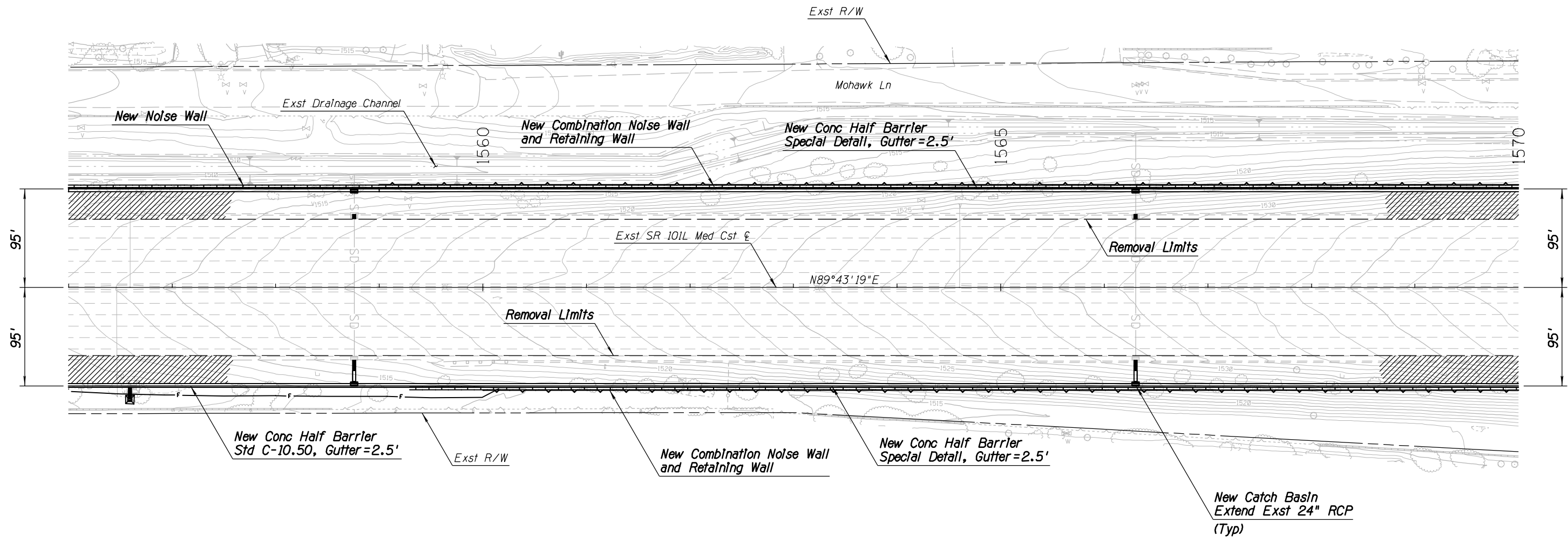
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



**WB ROADWAY SECTION**

- 12' Outside Shldr
- 12' Aux Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' HOV Lane
- 10' Inside Shldr



**EB ROADWAY SECTION**

- 10' Inside Shldr
- 12' HOV Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Aux Lane
- 12' Outside Shldr

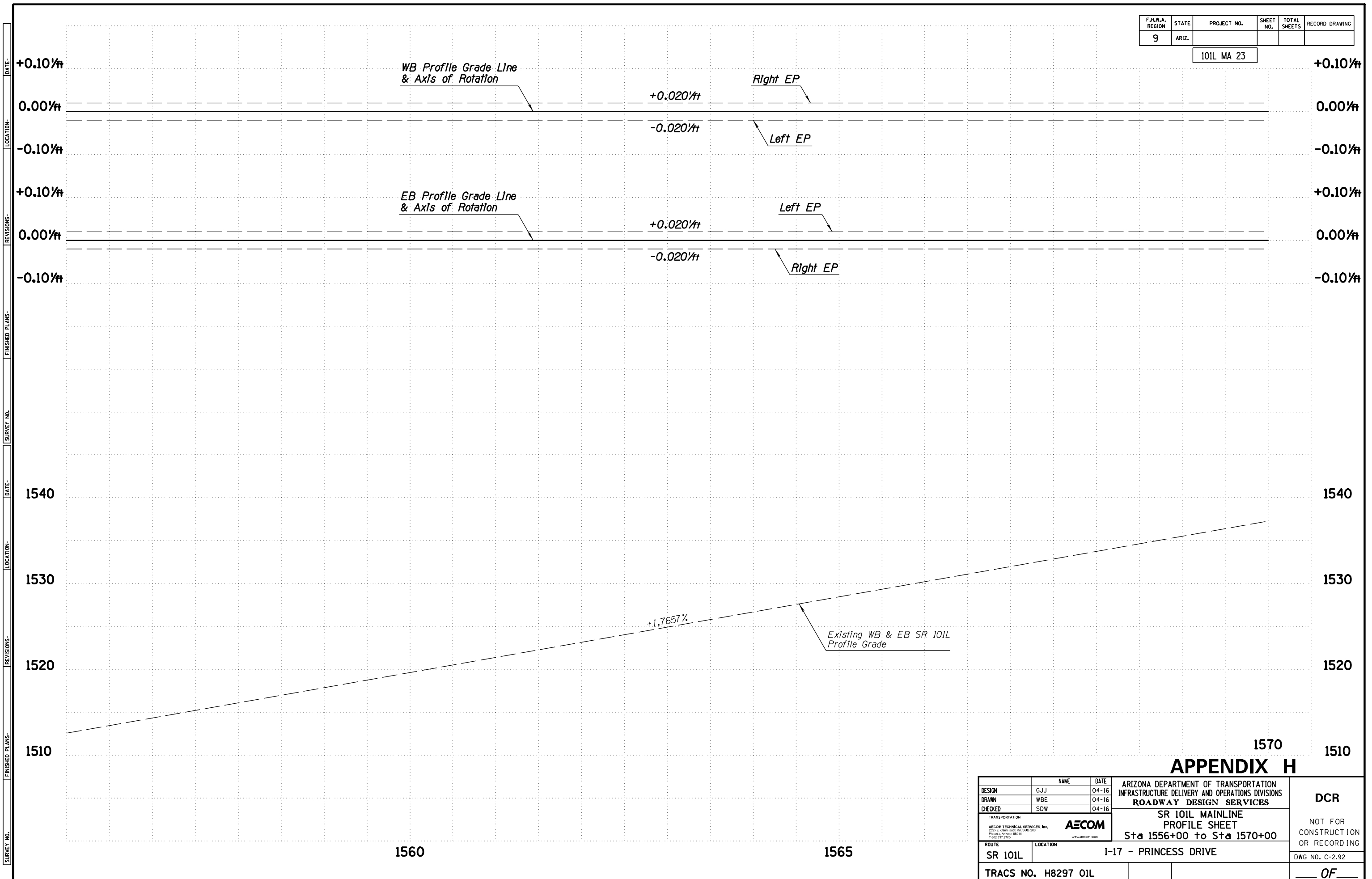
**APPENDIX H**

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION <small>AECOM TECHNICAL SERVICES, Inc. 2550 E. Camelback Rd, Suite 200 Phoenix, Arizona 85016 T 602.337.2700</small>				<b>AECOM</b> <small>www.aecom.com</small>	<b>SR 101L MAINLINE PLAN SHEET Sta 1556+00 to Sta 1570+00</b>
ROUTE	LOCATION	I-17 - PRINCESS DRIVE			
SR 101L				DWG NO. C-2.91	
TRACS NO. H8297 01L					OF

SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



DATE: \_\_\_\_\_  
 LOCATION: \_\_\_\_\_  
 REVISIONS: \_\_\_\_\_  
 FINISHED PLANS: \_\_\_\_\_  
 SURVEY NO.: \_\_\_\_\_  
 DATE: \_\_\_\_\_  
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 REVISIONS: \_\_\_\_\_  
 FINISHED PLANS: \_\_\_\_\_  
 SURVEY NO.: \_\_\_\_\_

### APPENDIX H

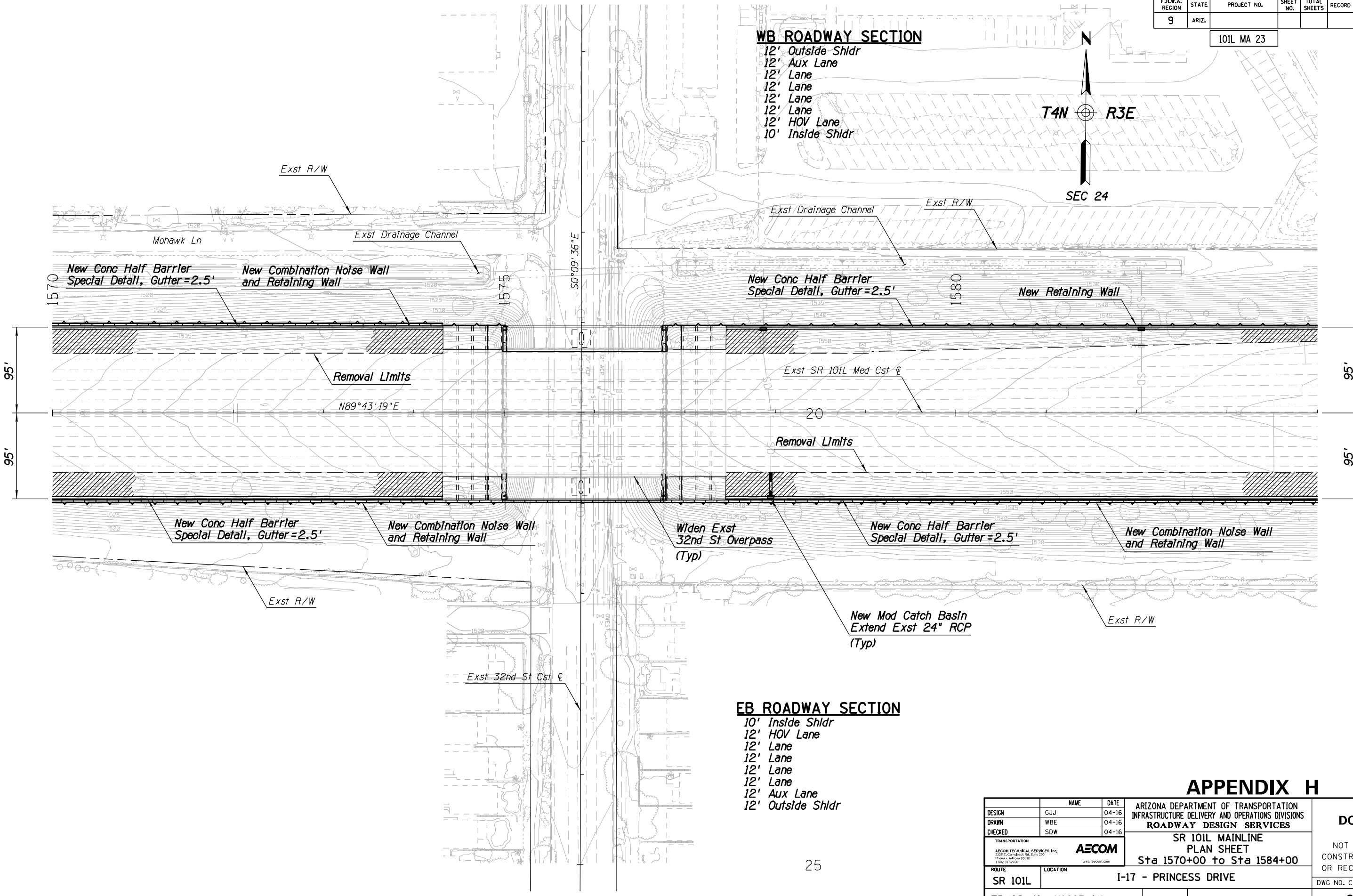
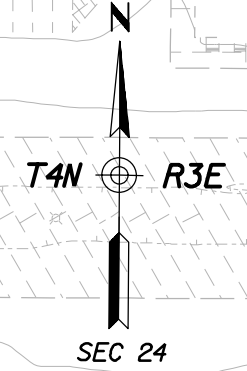
DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION <small>AECOM TECHNICAL SERVICES, Inc. 2555 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700</small>				<b>AECOM</b> SR 101L MAINLINE PROFILE SHEET Sta 1556+00 to Sta 1570+00	
ROUTE	LOCATION	I-17 - PRINCESS DRIVE			
SR 101L				DWG NO. C-2.92	
TRACS NO. H8297 01L				OF	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23

**WB ROADWAY SECTION**

- 12' Outside Shldr
- 12' Aux Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' HOV Lane
- 10' Inside Shldr



**EB ROADWAY SECTION**

- 10' Inside Shldr
- 12' HOV Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Aux Lane
- 12' Outside Shldr

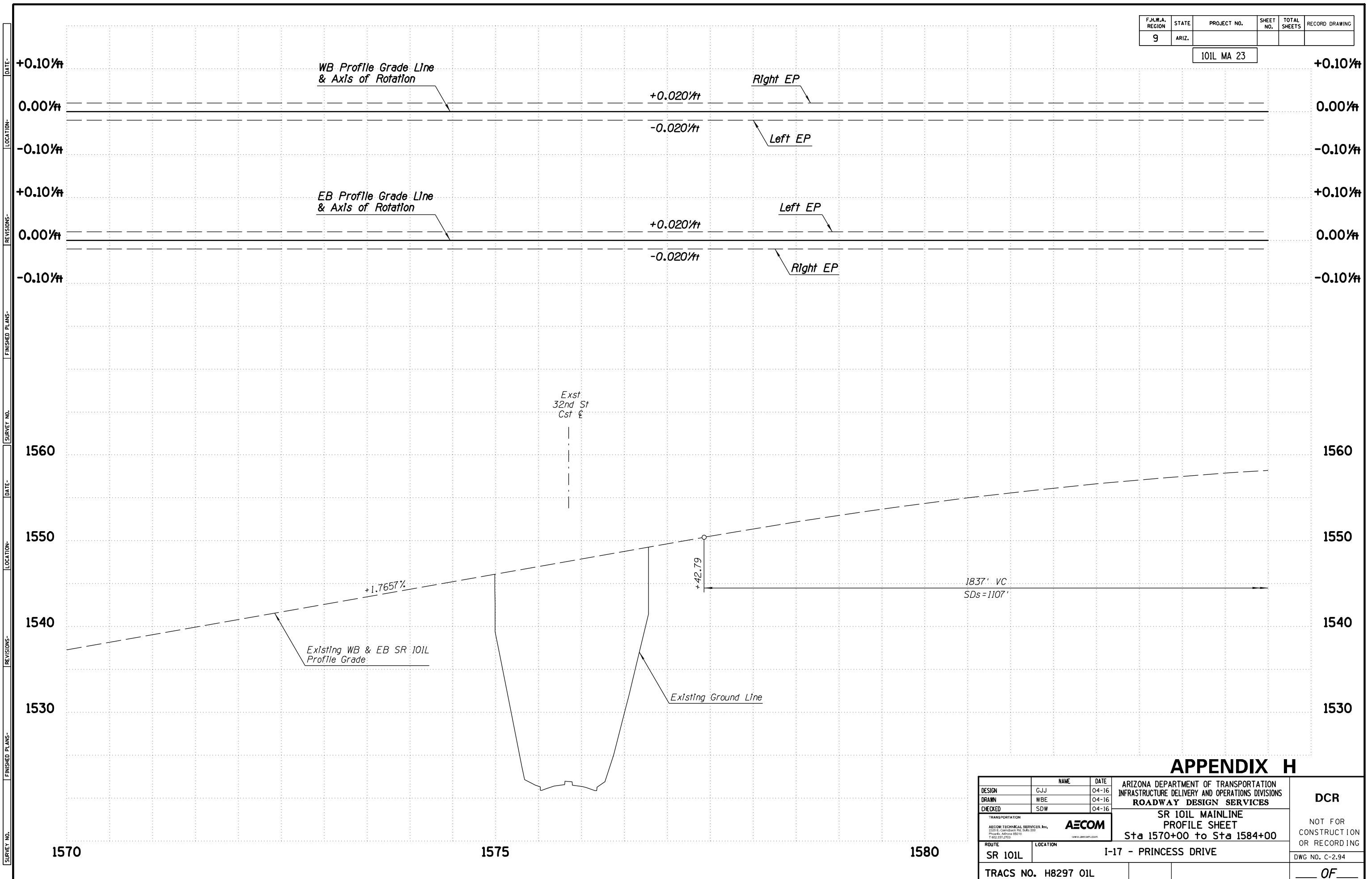
**APPENDIX H**

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2325 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com				SR 101L MAINLINE PLAN SHEET Sta 1570+00 to Sta 1584+00	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L				DWG NO. C-2.93	
				NOT FOR CONSTRUCTION OR RECORDING	
				OF	

SURVEY NO. FINISHED PLANS DATE REVISIONS LOCATION DATE FINISHED PLANS SURVEY NO. REVISIONS LOCATION DATE

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



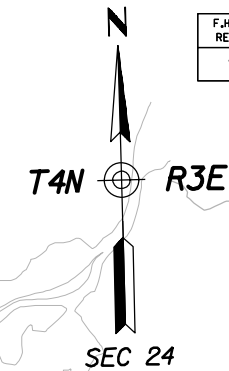
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 LOCATION: \_\_\_\_\_  
 REVISIONS: \_\_\_\_\_  
 FINISHED PLANS: \_\_\_\_\_  
 SURVEY NO.: \_\_\_\_\_  
 DATE: \_\_\_\_\_  
 LOCATION: \_\_\_\_\_  
 REVISIONS: \_\_\_\_\_  
 FINISHED PLANS: \_\_\_\_\_  
 SURVEY NO.: \_\_\_\_\_

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DESIGN	NAME	DATE															
GJJ		04-16															
DRAWN	WBE	04-16															
CHECKED	SDW	04-16															
TRANSPORTATION <small>AECOM TECHNICAL SERVICES, Inc.          2525 E. Camelback Rd., Suite 200          Phoenix, Arizona 85016          T 602.337.2700          www.aecom.com</small>			<b>SR 101L MAINLINE          PROFILE SHEET          Sta 1570+00 to Sta 1584+00</b>														
ROUTE <b>SR 101L</b>		LOCATION <b>I-17 - PRINCESS DRIVE</b>			DWG NO. C-2.94												
<b>TRACS NO. H8297 01L</b>					OF _____												



F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



**WB ROADWAY SECTION**

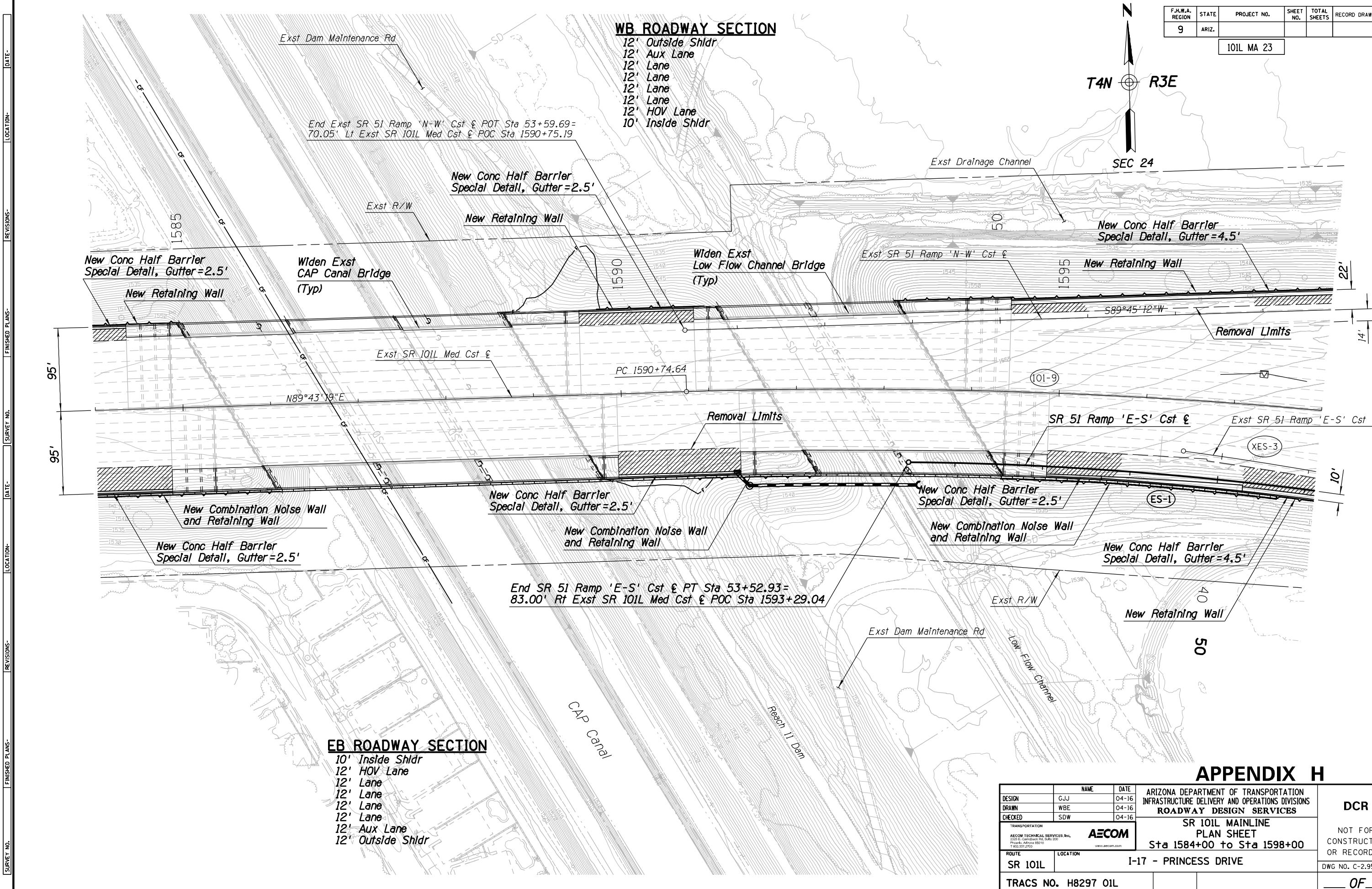
- 12' Outside Shldr
- 12' Aux Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' HOV Lane
- 10' Inside Shldr

End Exst SR 51 Ramp 'N-W' Cst & POT Sta 53+59.69 = 70.05' Lt Exst SR 101L Med Cst & POC Sta 1590+75.19

End SR 51 Ramp 'E-S' Cst & PT Sta 53+52.93 = 83.00' Rt Exst SR 101L Med Cst & POC Sta 1593+29.04

**EB ROADWAY SECTION**

- 10' Inside Shldr
- 12' HOV Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Aux Lane
- 12' Outside Shldr



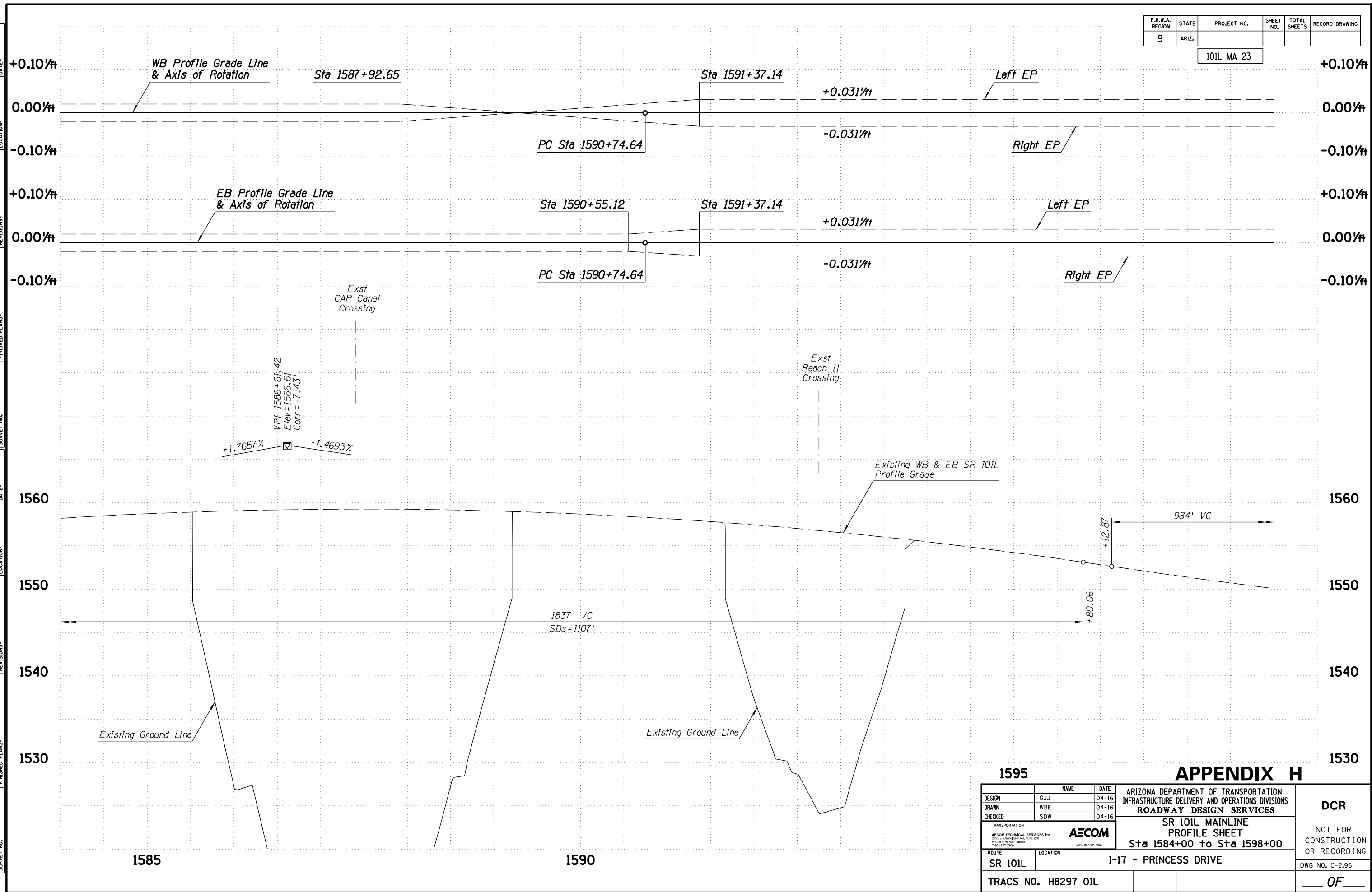
**APPENDIX H**

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>	
DRAWN	WBE	DATE	04-16			
CHECKED	SDW	DATE	04-16			
TRANSPORTATION <small>AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700</small>				<b>AECOM</b> <small>www.aecom.com</small>	SR 101L MAINLINE PLAN SHEET Sta 1584+00 to Sta 1598+00	NOT FOR CONSTRUCTION OR RECORDING DWG NO. C-2.95
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE			
TRACS NO. H8297 01L						OF

SURVEY NO. FINISHED PLANS DATE REVISIONS LOCATION FINISHED PLANS DATE SURVEY NO. FINISHED PLANS DATE REVISIONS LOCATION FINISHED PLANS DATE SURVEY NO.

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



VPI 1586+61.42  
Elev = 1566.61  
Corr = -7.43'

+1.7657%    -1.4693%

1837' VC  
SDs=1107'

984' VC

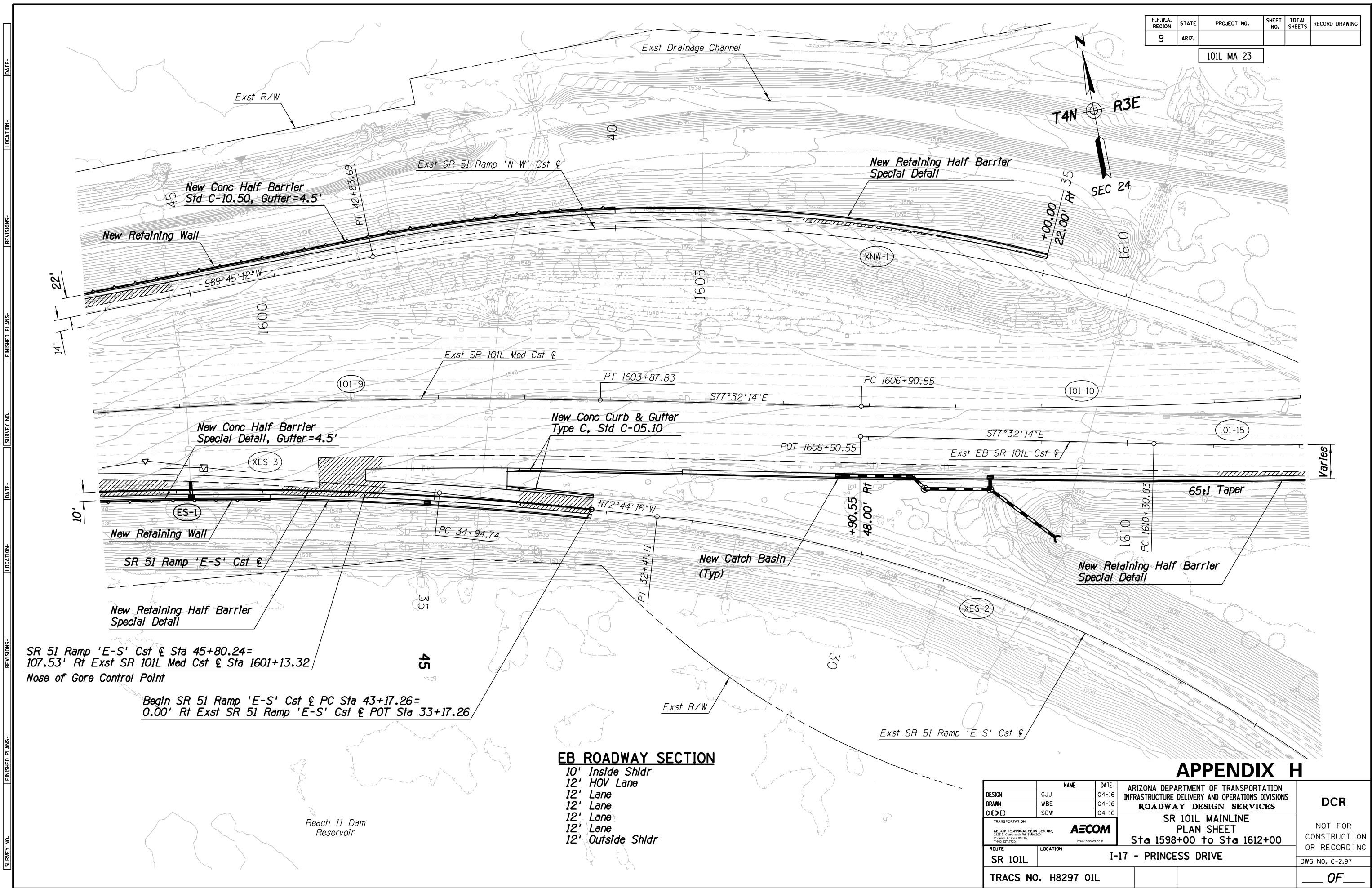
+12.87'

+80.06'

1595		<b>APPENDIX H</b>		<b>DCR</b> NOT FOR CONSTRUCTION OR RECORDING DWG NO. C-2.96 OF
DESIGN	GJJ	DATE	04-16	
DRAWN	WBE	DATE	04-16	
CHECKED	SDW	DATE	04-16	
ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>				<b>SR 101L MAINLINE          PROFILE SHEET          Sta 1584+00 to Sta 1598+00</b>
TRANSPORTATION <b>AECOM</b> <small>AECOM TECHNICAL SERVICES, Inc.          2555 E. Camelback Rd., Suite 200          Phoenix, Arizona 85016          T 602.337.2700</small>				
ROUTE	LOCATION	I-17 - PRINCESS DRIVE		
SR 101L				
TRACS NO. H8297 01L				

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



REVISIONS: FINISHED PLANS: SURVEY NO.: DATE: LOCATION:

SR 51 Ramp 'E-S' Cst & Sta 45+80.24=  
107.53' Rt Exst SR 101L Med Cst & Sta 1601+13.32  
Nose of Gore Control Point

Begin SR 51 Ramp 'E-S' Cst & PC Sta 43+17.26=  
0.00' Rt Exst SR 51 Ramp 'E-S' Cst & POT Sta 33+17.26

**EB ROADWAY SECTION**

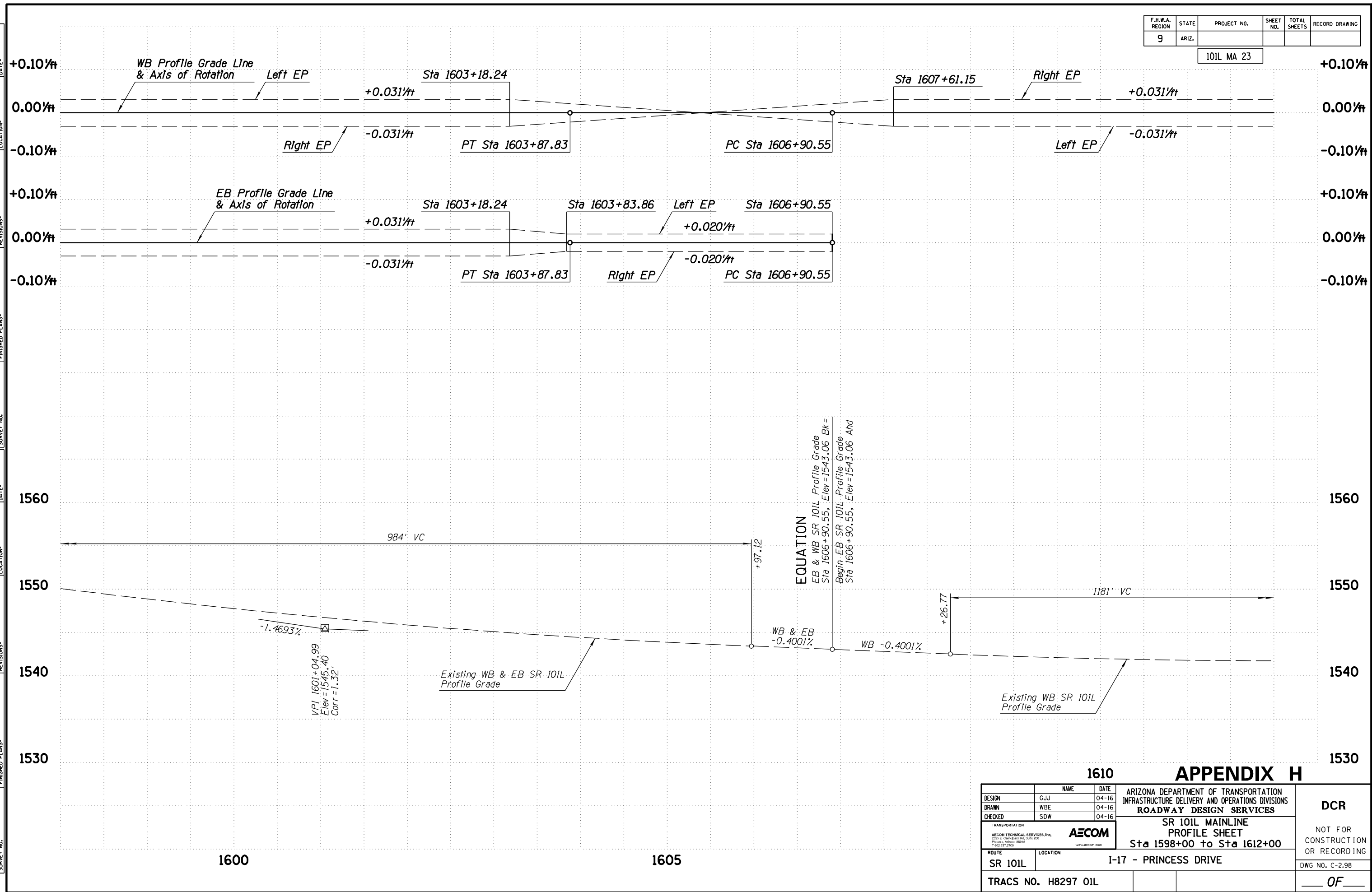
- 10' Inside Shldr
- 12' HOV Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Outside Shldr

**APPENDIX H**

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com				SR 101L MAINLINE PLAN SHEET Sta 1598+00 to Sta 1612+00	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		DWG NO. C-2.97
TRACS NO. H8297 01L				OF	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23

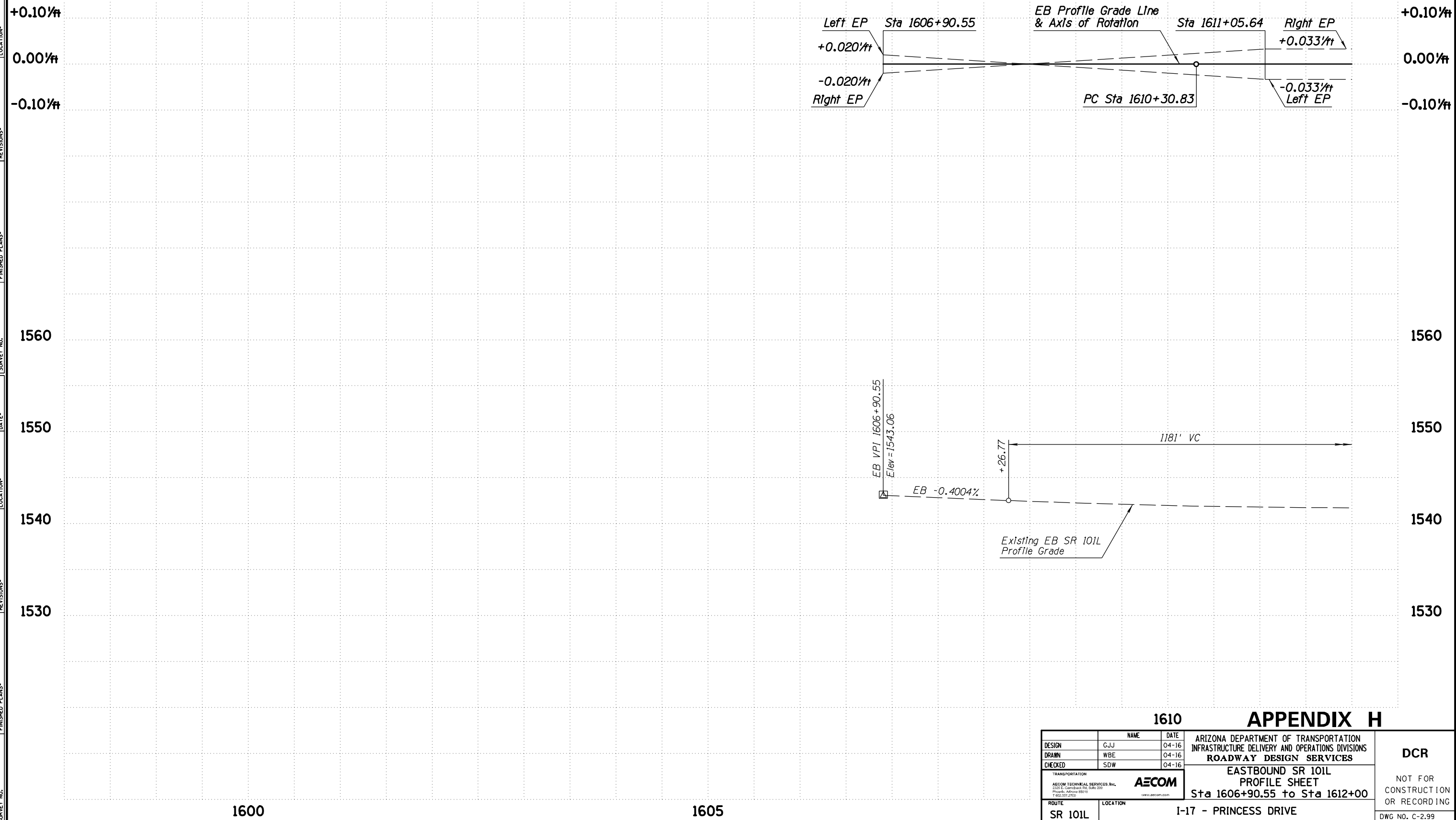


1610 APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION					<b>SR 101L MAINLINE PROFILE SHEET</b> Sta 1598+00 to Sta 1612+00
ROUTE	LOCATION	I-17 - PRINCESS DRIVE			
SR 101L				DWG NO. C-2.98	NOT FOR CONSTRUCTION OR RECORDING
TRACS NO. H8297 01L					OF

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23

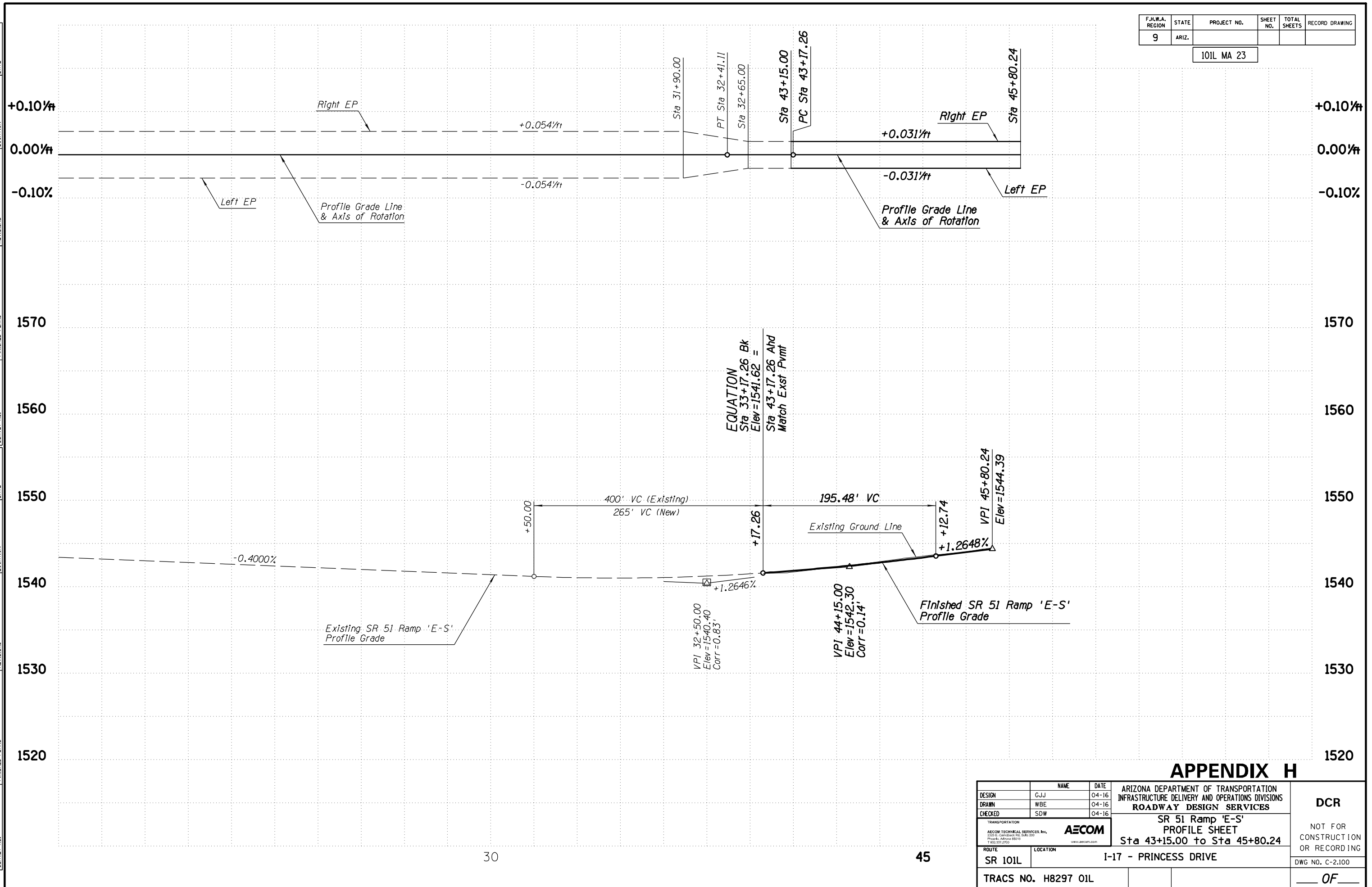


1610 APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com				<b>EASTBOUND SR 101L PROFILE SHEET</b> Sta 1606+90.55 to Sta 1612+00	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L				DWG NO. C-2.99	
				NOT FOR CONSTRUCTION OR RECORDING	
				OF	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23

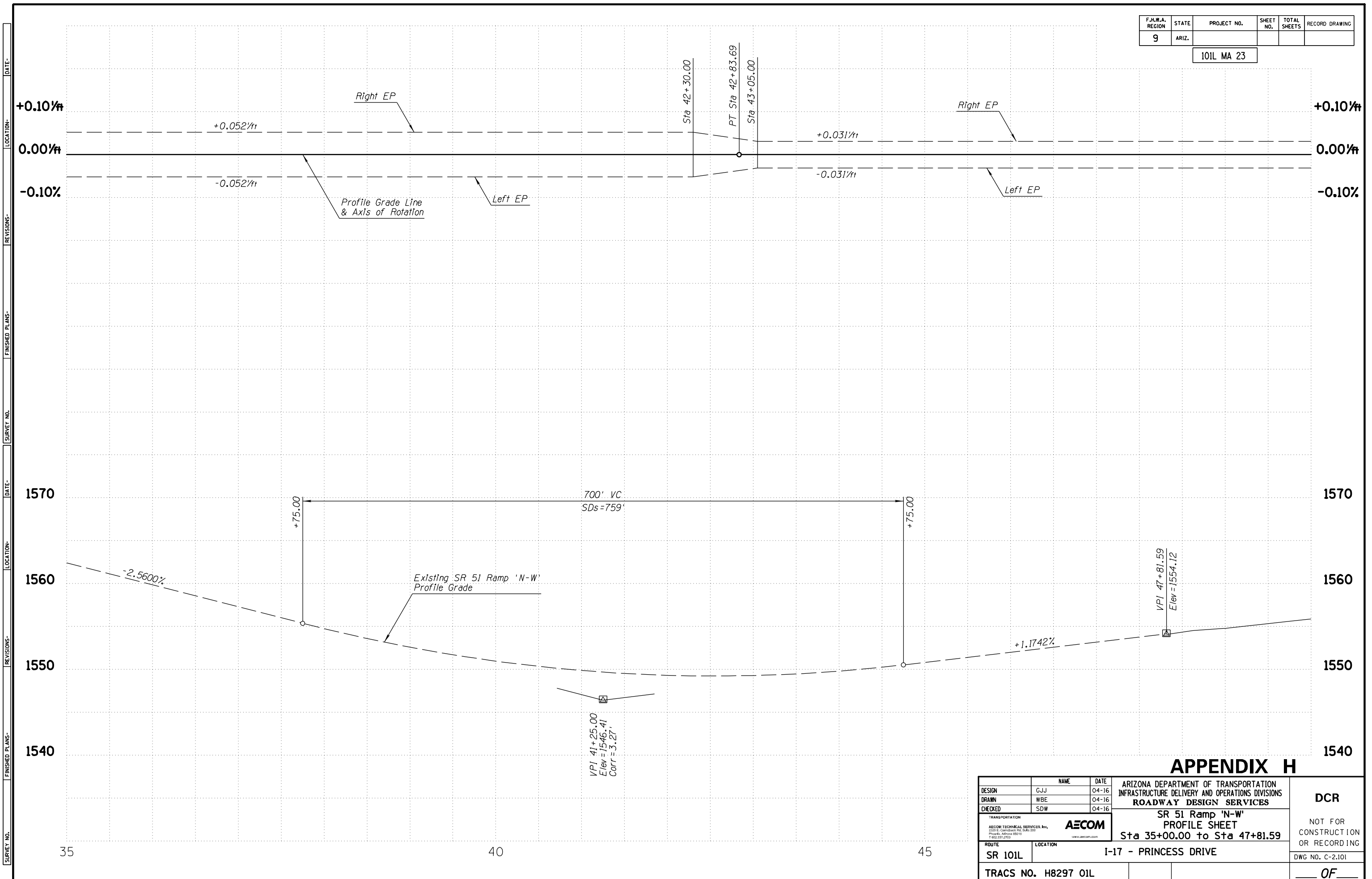


### APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com				<b>AECOM</b> SR 51 Ramp 'E-S' PROFILE SHEET Sta 43+15.00 to Sta 45+80.24	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L				DWG NO. C-2.100	
				NOT FOR CONSTRUCTION OR RECORDING	
				OF	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_ REVISIONS: \_\_\_\_\_ FINISHED PLANS: \_\_\_\_\_ SURVEY NO. \_\_\_\_\_ DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_ REVISIONS: \_\_\_\_\_ FINISHED PLANS: \_\_\_\_\_ SURVEY NO. \_\_\_\_\_

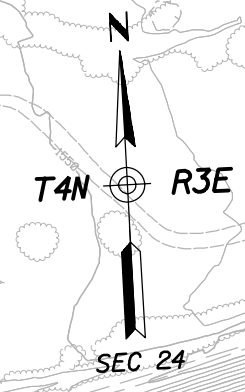
### APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com				<b>AECOM</b> SR 51 Ramp 'N-W' PROFILE SHEET Sta 35+00.00 to Sta 47+81.59	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L				DWG NO. C-2.101	
				OF	

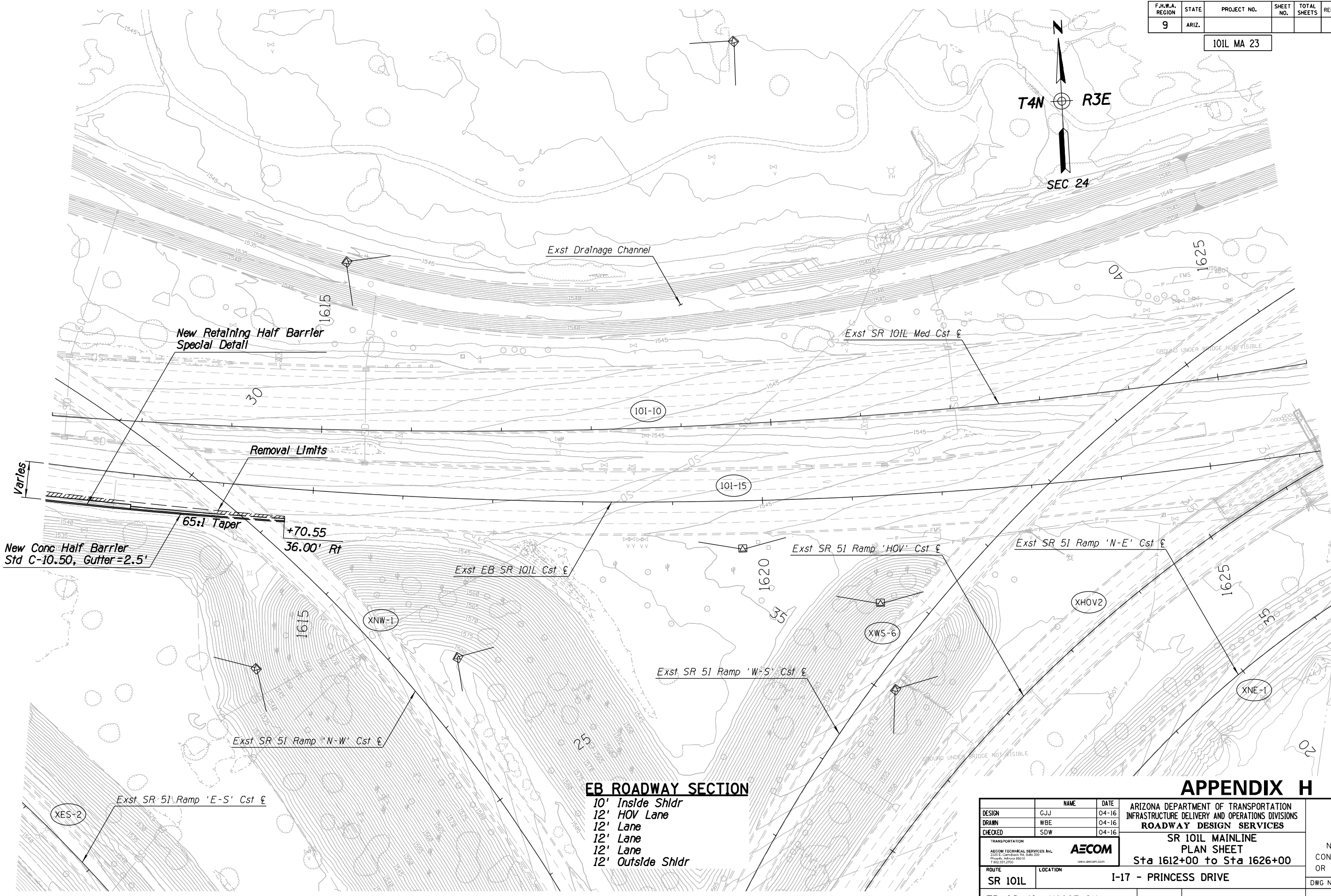


F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE



**EB ROADWAY SECTION**  
 10' Inside Shldr  
 12' HOV Lane  
 12' Lane  
 12' Lane  
 12' Lane  
 12' Outside Shldr

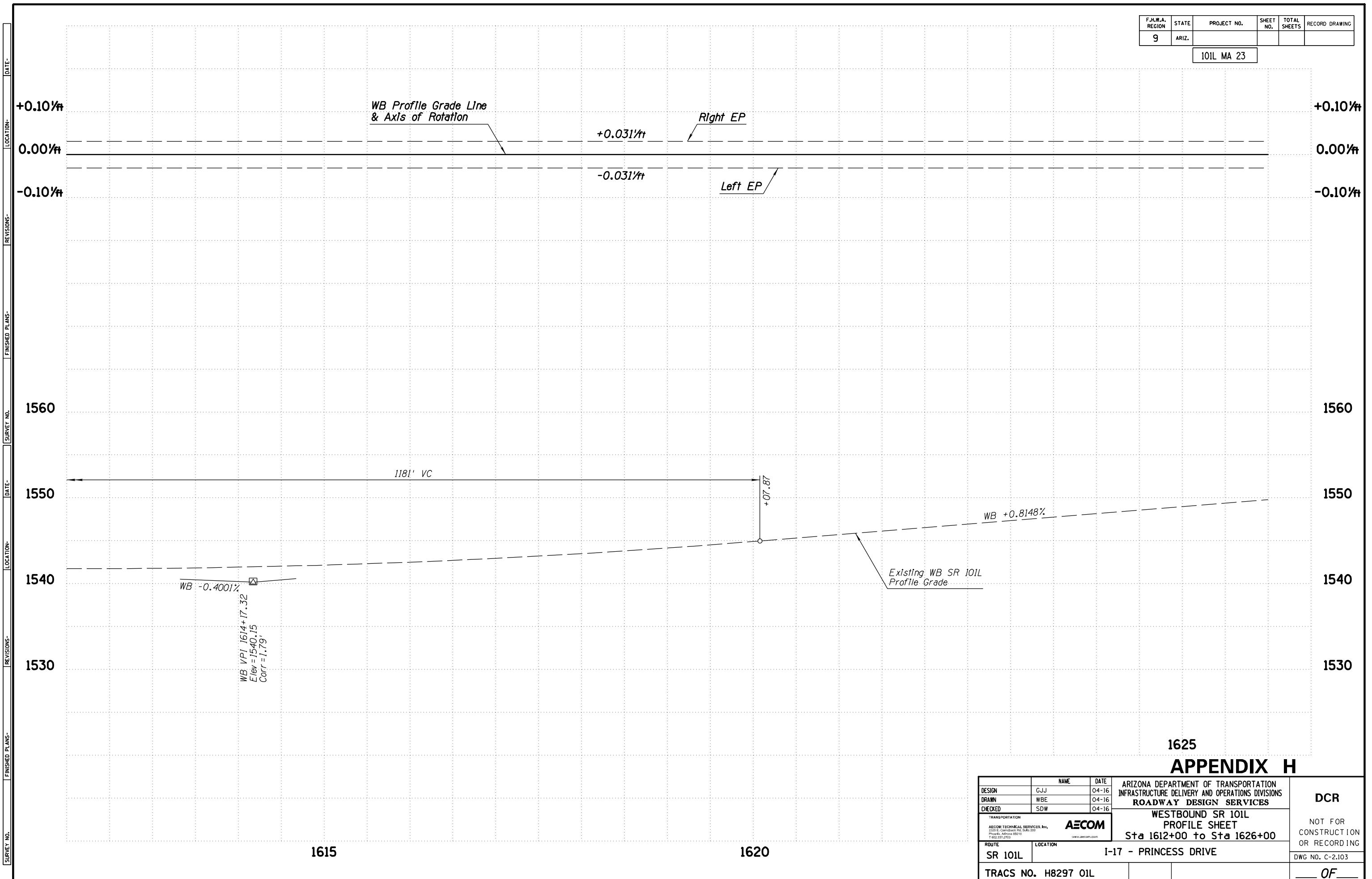
**APPENDIX H**

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>	
DRAWN	WBE	DATE	04-16			
CHECKED	SDW	DATE	04-16			
TRANSPORTATION <small>AECOM TECHNICAL SERVICES, Inc. 2555 E. Camelback Rd, Suite 200 Phoenix, Arizona 85016 T 602.337.2700</small>				<b>AECOM</b> <small>www.aecom.com</small>	<b>SR 101L MAINLINE PLAN SHEET Sta 1612+00 to Sta 1626+00</b>	NOT FOR CONSTRUCTION OR RECORDING DWG NO. C-2.102
ROUTE	LOCATION	I-17 - PRINCESS DRIVE				
SR 101L				TRACS NO. H8297 01L	OF	



F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



WB -0.4001%  
 WB VPI 1614+17.32  
 Elev = 1540.15  
 Corr = 1.79'

1181' VC

+07.87

WB +0.8148%

Existing WB SR 101L Profile Grade

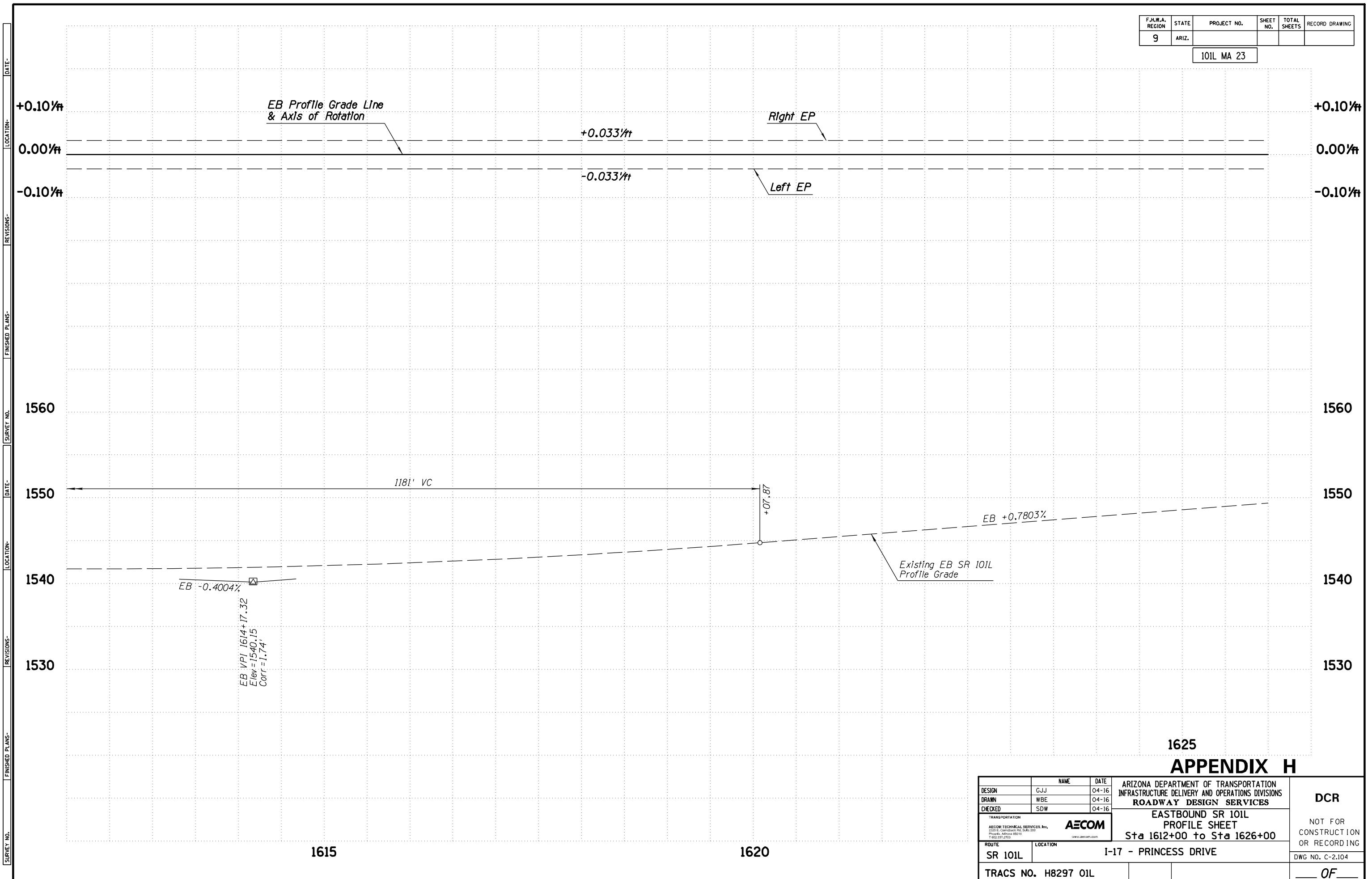
1625  
**APPENDIX H**

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
<small>TRANSPORTATION</small> AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com				<b>WESTBOUND SR 101L          PROFILE SHEET          Sta 1612+00 to Sta 1626+00</b>	
ROUTE	LOCATION	I-17 - PRINCESS DRIVE			
SR 101L				DWG NO. C-2.103	OF
TRACS NO. H8297 01L					

SURVEY NO. FINISHED PLANS REVISIONS DATE SURVEY NO. FINISHED PLANS REVISIONS DATE LOCATION DATE

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23

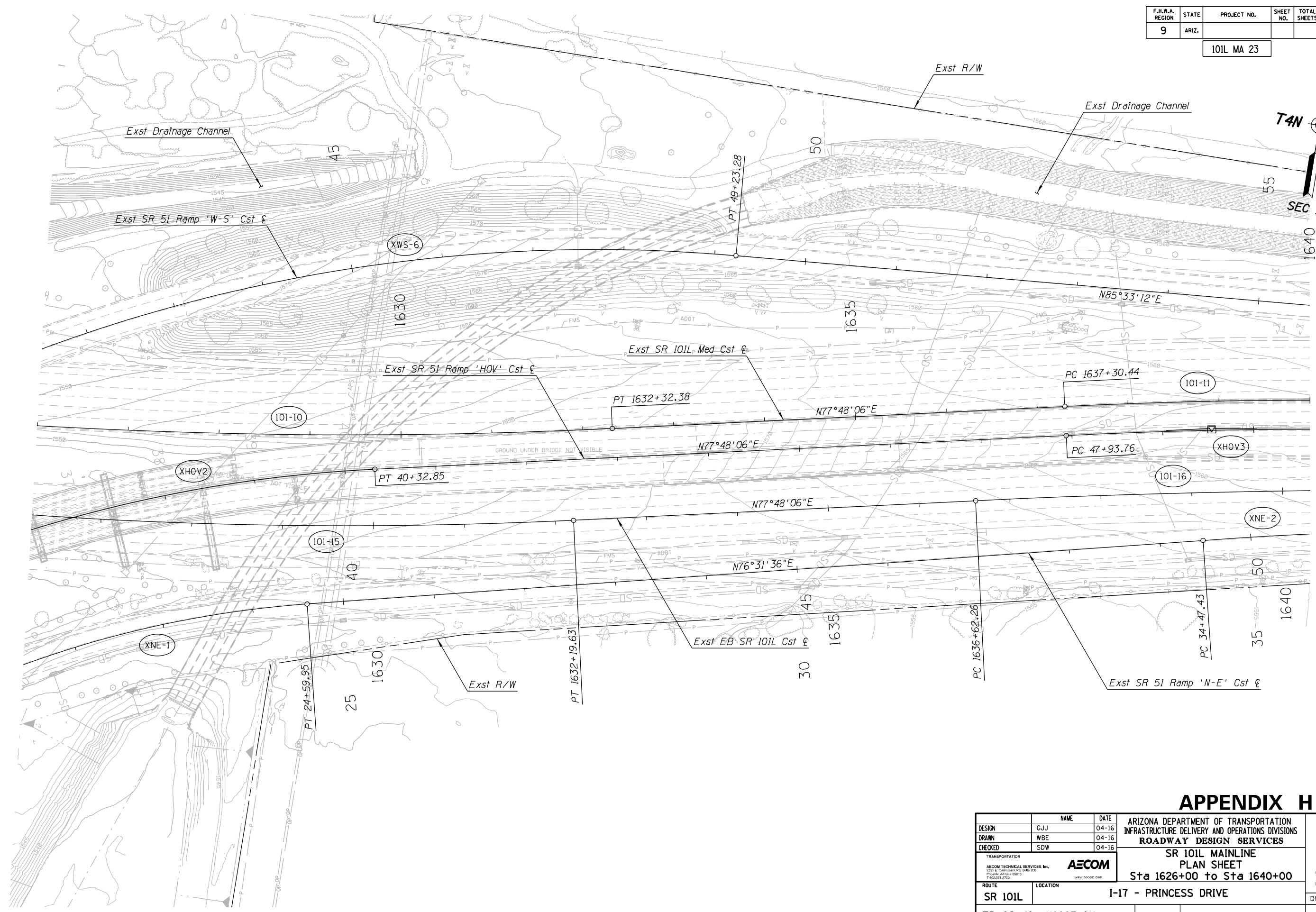
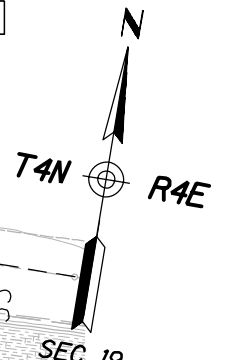


SURVEY NO. FINISHED PLANS REVISIONS DATE SURVEY NO. FINISHED PLANS REVISIONS DATE LOCATION FINISHED PLANS REVISIONS DATE LOCATION FINISHED PLANS REVISIONS DATE

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com				<b>AECOM</b> EASTBOUND SR 101L PROFILE SHEET Sta 1612+00 to Sta 1626+00	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L				DWG NO. C-2.104	
				NOT FOR CONSTRUCTION OR RECORDING	
				OF	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



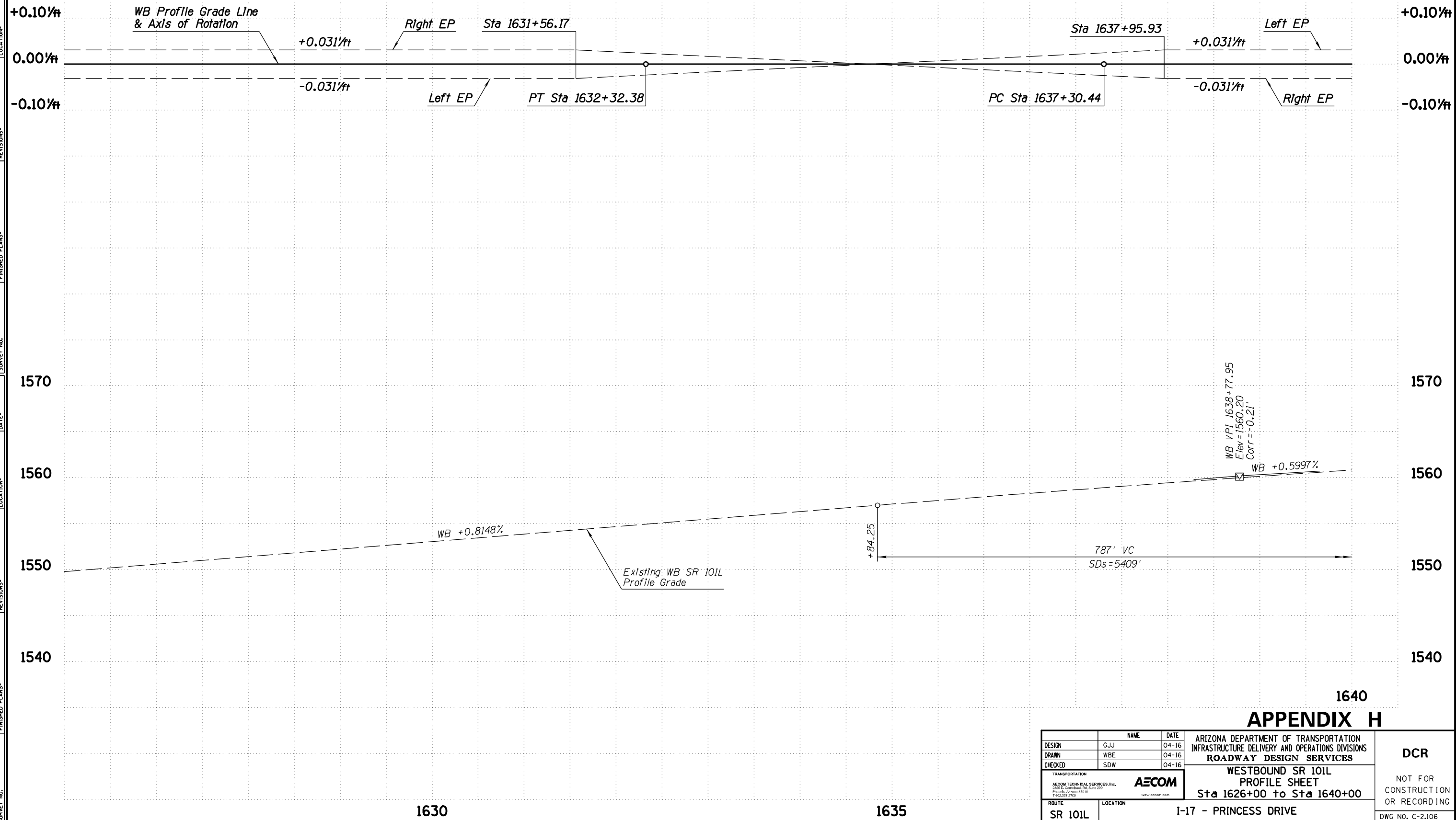
SURVEY NO. FINISHED PLANS DATE REVISIONS LOCATION DATE FINISHED PLANS SURVEY NO. REVISIONS LOCATION DATE

### APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION <small>AECOM TECHNICAL SERVICES, Inc.          2325 E. Camelback Rd., Suite 200          Phoenix, Arizona 85016          T 602.337.2700</small>				<b>AECOM</b> <small>www.aecom.com</small>	
SR 101L MAINLINE PLAN SHEET Sta 1626+00 to Sta 1640+00					
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L				DWG NO. C-2.105 OF	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



1630

1635

1640

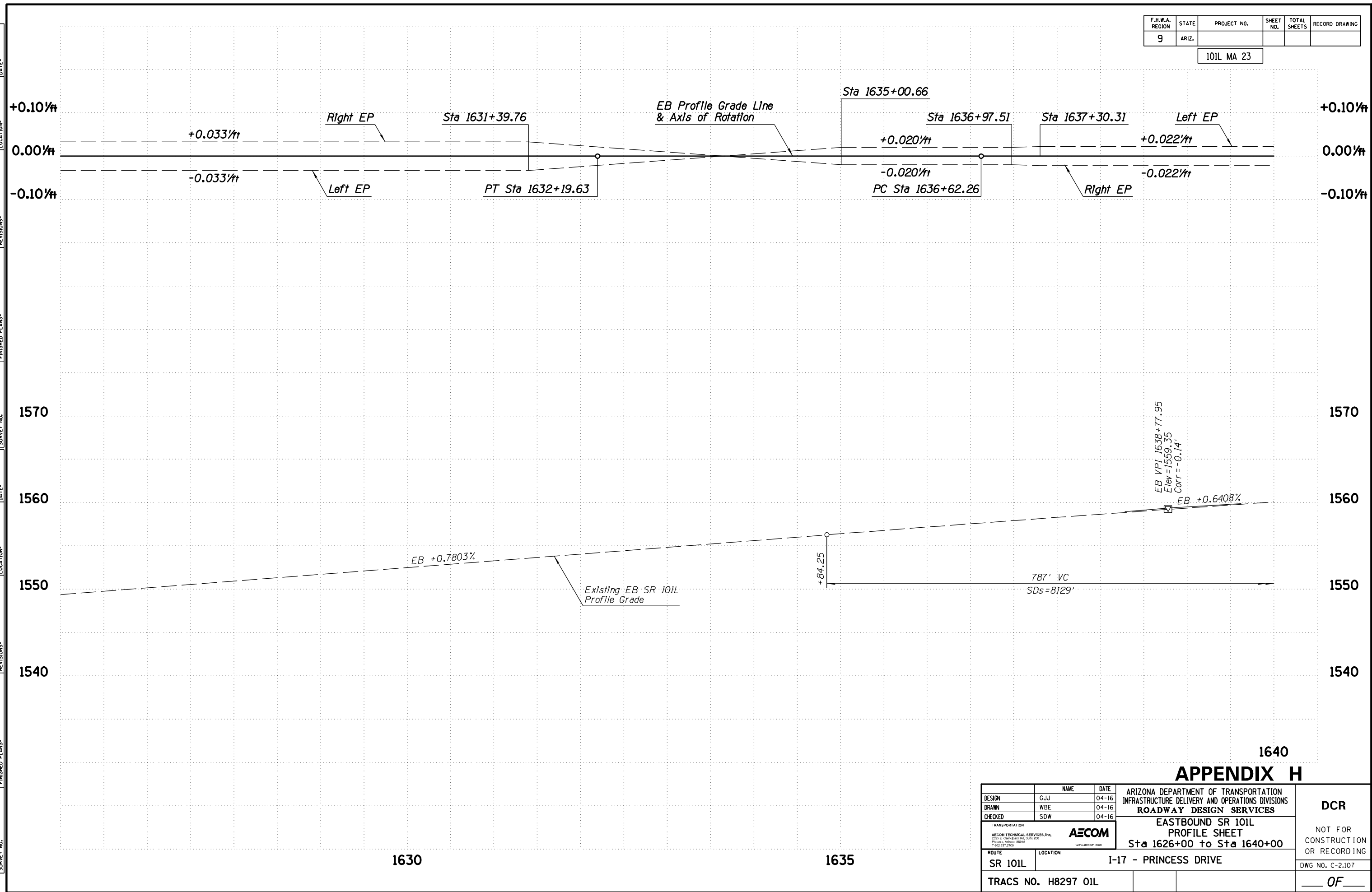
### APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com				<b>WESTBOUND SR 101L</b> <b>PROFILE SHEET</b> <b>Sta 1626+00 to Sta 1640+00</b>	NOT FOR CONSTRUCTION OR RECORDING DWG NO. C-2.106 OF
ROUTE	LOCATION				
SR 101L	I-17 - PRINCESS DRIVE				
TRACS NO. H8297 01L					

SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



1630

1635

1640

### APPENDIX H

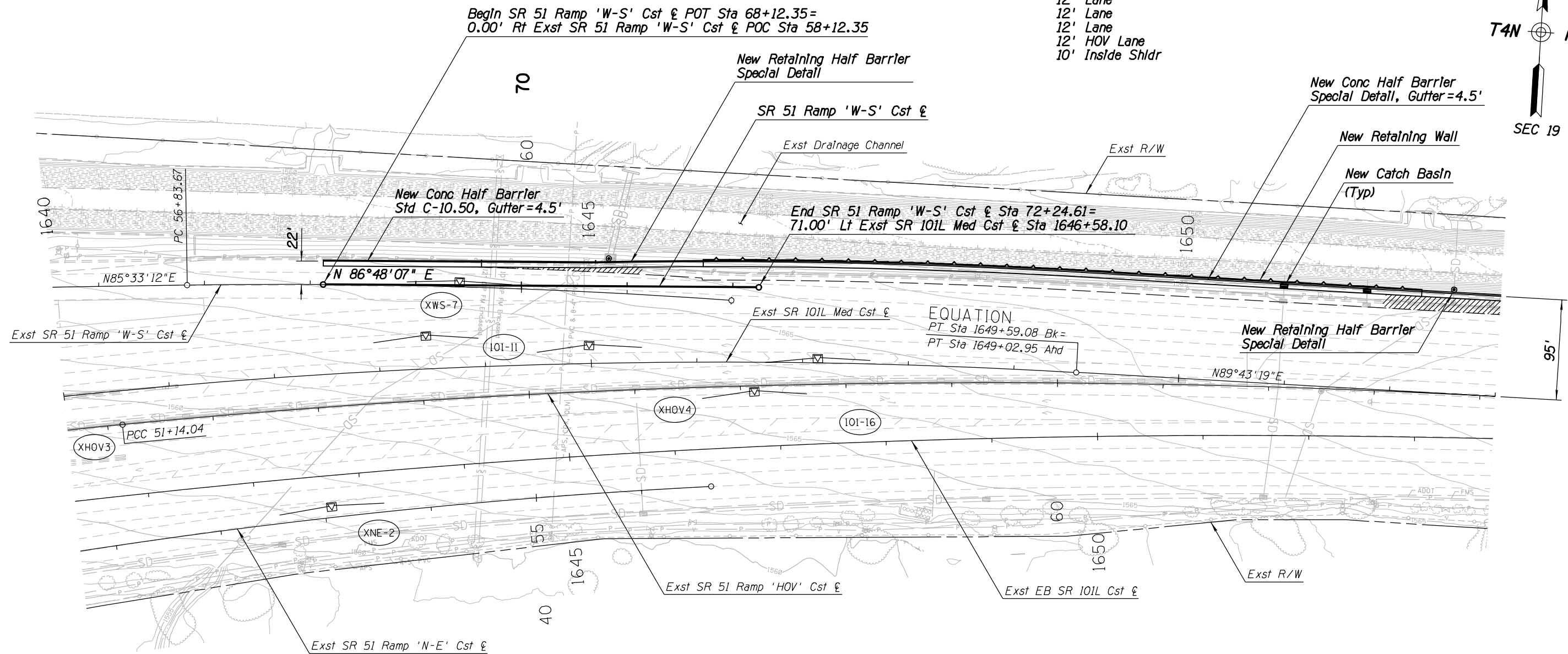
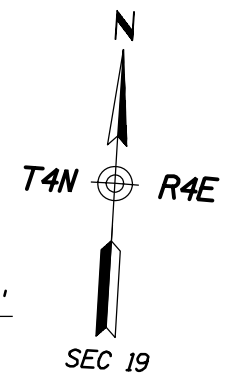
DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
<small>TRANSPORTATION</small> <small>AECOM TECHNICAL SERVICES, Inc.</small> <small>2525 E. Camelback Rd., Suite 200</small> <small>Phoenix, Arizona 85016</small> <small>T 602.337.2700</small> <small>www.aecom.com</small>				<b>AECOM</b> <b>EASTBOUND SR 101L</b> <b>PROFILE SHEET</b> <b>Sta 1626+00 to Sta 1640+00</b>	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L				DWG NO. C-2.107	
				NOT FOR CONSTRUCTION OR RECORDING	
				OF	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23

**WB ROADWAY SECTION**

- 12' Outside Shldr
- 12' Aux Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' HOV Lane
- 10' Inside Shldr



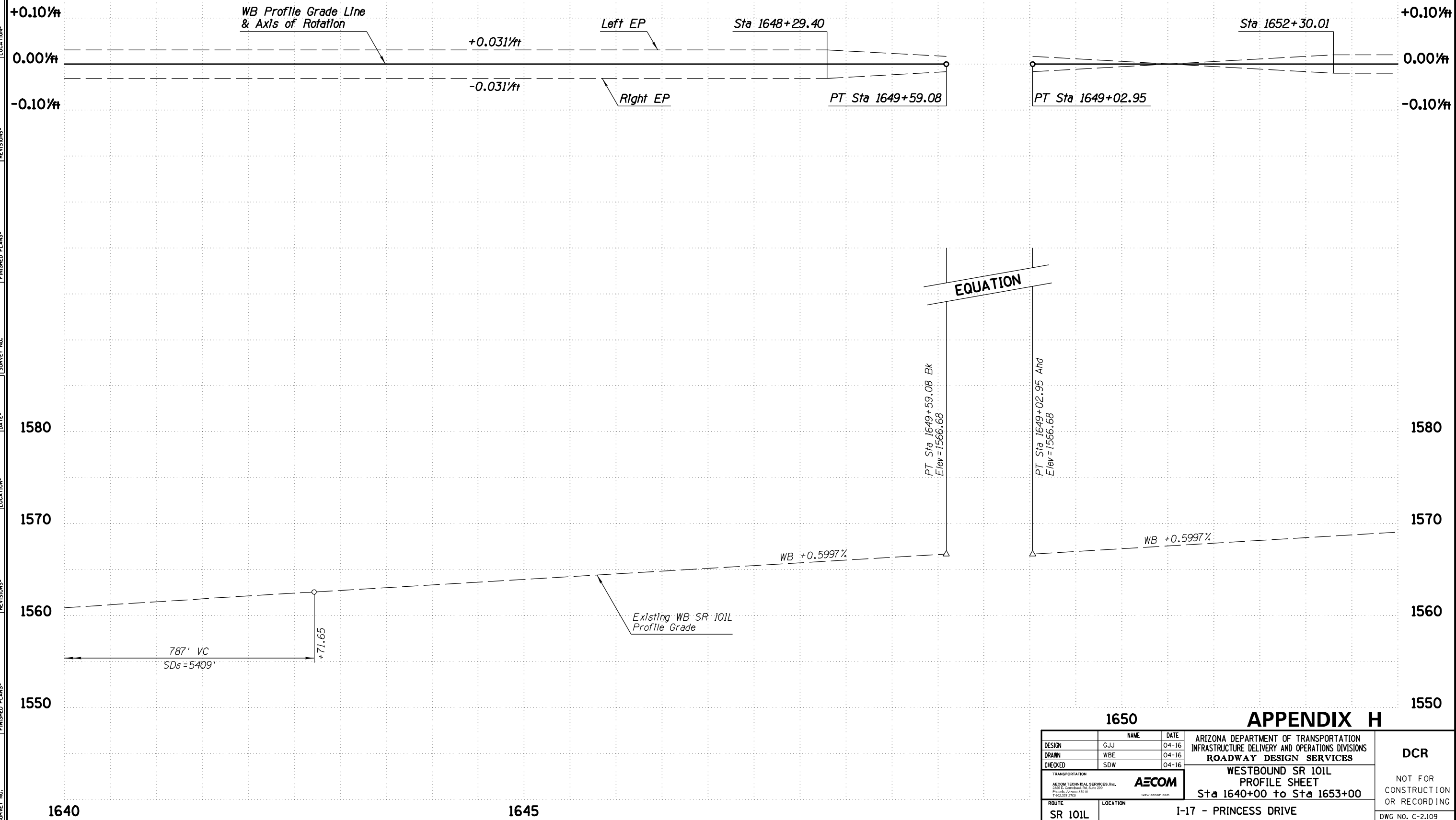
**APPENDIX H**

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
<small>TRANSPORTATION</small> <small>AECOM TECHNICAL SERVICES, Inc.</small> <small>2555 E. Camelback Rd., Suite 200</small> <small>Phoenix, Arizona 85016</small> <small>T 602.337.2700</small> <small>www.aecom.com</small>				<b>AECOM</b> <b>SR 101L MAINLINE</b> <b>PLAN SHEET</b> <b>Sta 1640+00 to Sta 1653+00</b>	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L				DWG NO. C-2.10B	NOT FOR CONSTRUCTION OR RECORDING
					OF

SURVEY NO. FINISHED PLANS DATE REVISIONS LOCATION DATE FINISHED PLANS SURVEY NO.

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23

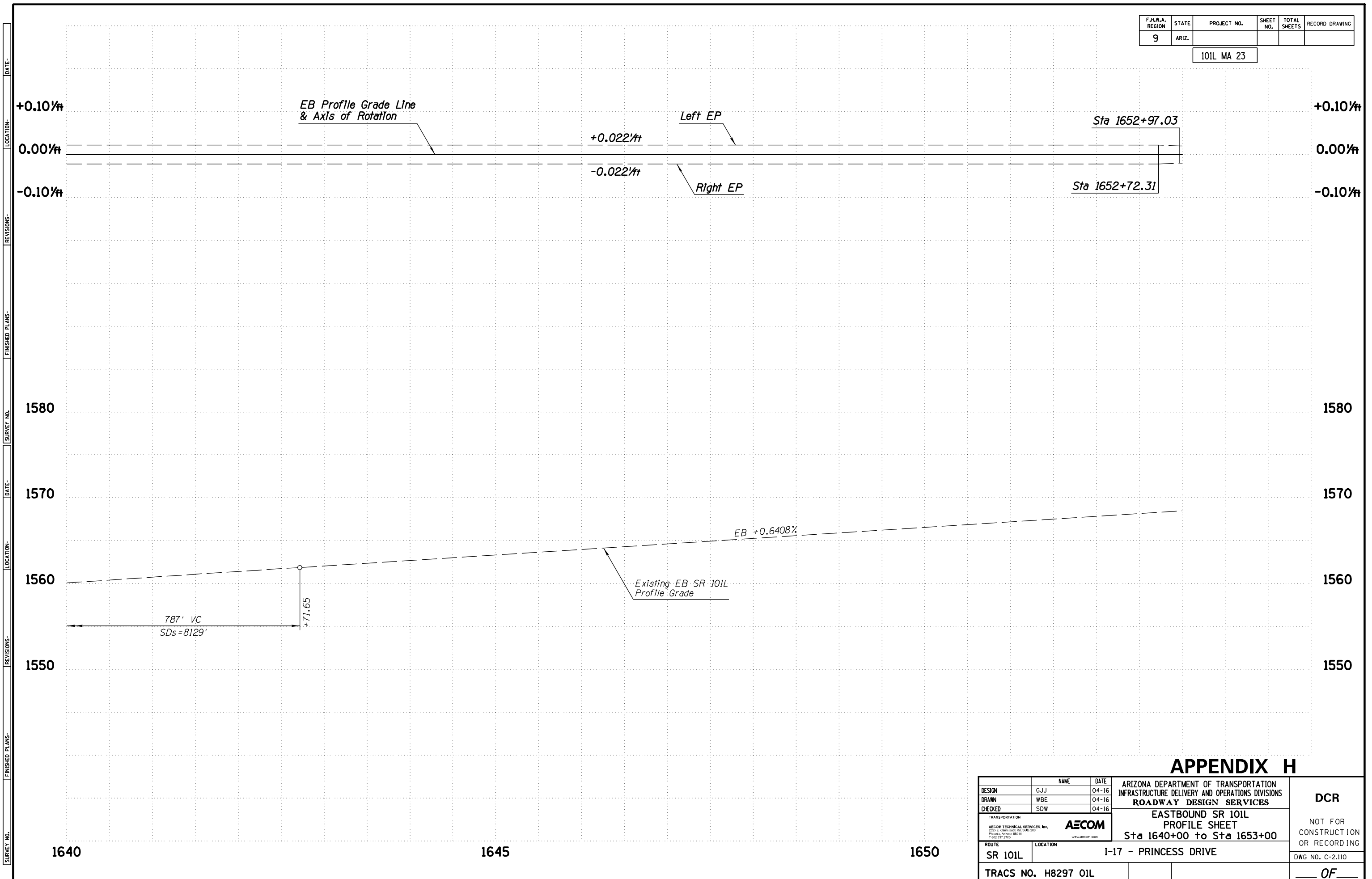


SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE

DESIGN		GJJ	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN		WBE	04-16		
CHECKED		SDW	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com				<b>APPENDIX H</b> <b>WESTBOUND SR 101L</b> <b>PROFILE SHEET</b> <b>Sta 1640+00 to Sta 1653+00</b>	
ROUTE	LOCATION	1-17 - PRINCESS DRIVE		NOT FOR CONSTRUCTION OR RECORDING	
SR 101L				DWG NO. C-2.109	
TRACS NO. H8297 01L				OF	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



DATE: \_\_\_\_\_  
 LOCATION: \_\_\_\_\_  
 REVISIONS: \_\_\_\_\_  
 FINISHED PLANS: \_\_\_\_\_  
 SURVEY NO.: \_\_\_\_\_  
 DATE: \_\_\_\_\_  
 LOCATION: \_\_\_\_\_  
 REVISIONS: \_\_\_\_\_  
 FINISHED PLANS: \_\_\_\_\_  
 SURVEY NO.: \_\_\_\_\_

### APPENDIX H

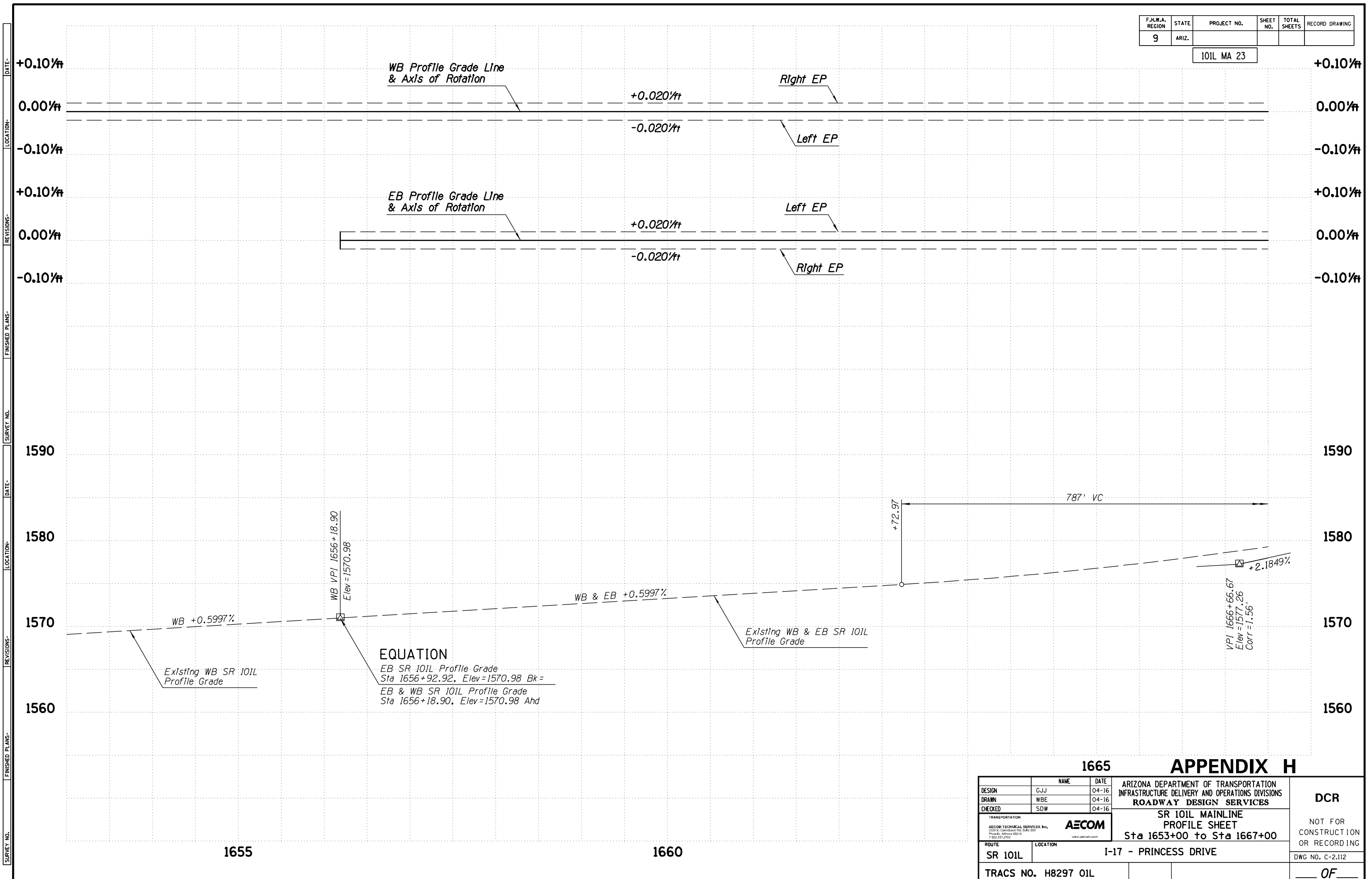
DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com				<b>EASTBOUND SR 101L PROFILE SHEET Sta 1640+00 to Sta 1653+00</b>	
ROUTE	LOCATION	I-17 - PRINCESS DRIVE			
SR 101L			DWG NO. C-2.110		
TRACS NO. H8297 01L			OF		





F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



**EQUATION**  
 EB SR 101L Profile Grade  
 Sta 1656+92.92, Elev=1570.98 Bk=  
 EB & WB SR 101L Profile Grade  
 Sta 1656+18.90, Elev=1570.98 Ahd

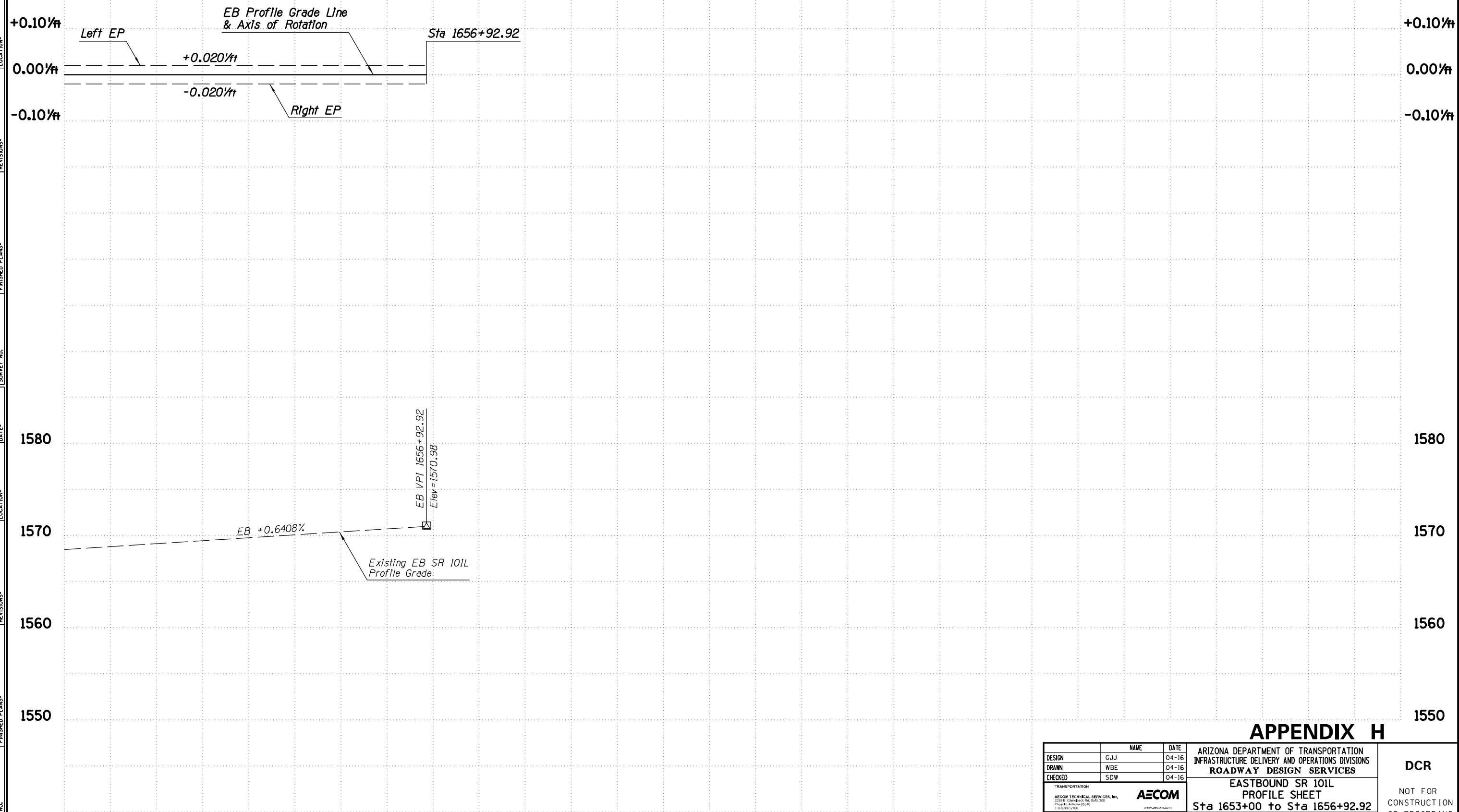
1665 **APPENDIX H**

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION <small>AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd, Suite 200 Phoenix, Arizona 85016 T 602.337.2700</small>				<b>AECOM</b> <small>www.aecom.com</small>	<b>SR 101L MAINLINE PROFILE SHEET Sta 1653+00 to Sta 1667+00</b>
ROUTE	LOCATION	I-17 - PRINCESS DRIVE			
SR 101L				DWG NO. C-2.112	
TRACS NO. H8297 01L				NOT FOR CONSTRUCTION OR RECORDING OF	

DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_ REVISIONS: \_\_\_\_\_ FINISHED PLANS: \_\_\_\_\_ SURVEY NO. \_\_\_\_\_ DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_ REVISIONS: \_\_\_\_\_ FINISHED PLANS: \_\_\_\_\_ SURVEY NO. \_\_\_\_\_

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_ REVISIONS: \_\_\_\_\_ FINISHED PLANS: \_\_\_\_\_ SURVEY NO.: \_\_\_\_\_ DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_ REVISIONS: \_\_\_\_\_ FINISHED PLANS: \_\_\_\_\_ SURVEY NO.: \_\_\_\_\_

1655

### APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
<small>TRANSPORTATION</small> <small>AECOM TECHNICAL SERVICES, Inc.</small> <small>2525 E. Camelback Rd., Suite 200</small> <small>Phoenix, Arizona 85016</small> <small>T 602.337.2700</small> <small>www.aecom.com</small>				<b>EASTBOUND SR 101L</b> <b>PROFILE SHEET</b> <b>Sta 1653+00 to Sta 1656+92.92</b>	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L				DWG NO. C-2.113	OF

**WB ROADWAY SECTION**

- 12' Outside Shldr
- 12' Aux Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' HOV Lane
- 10' Inside Shldr

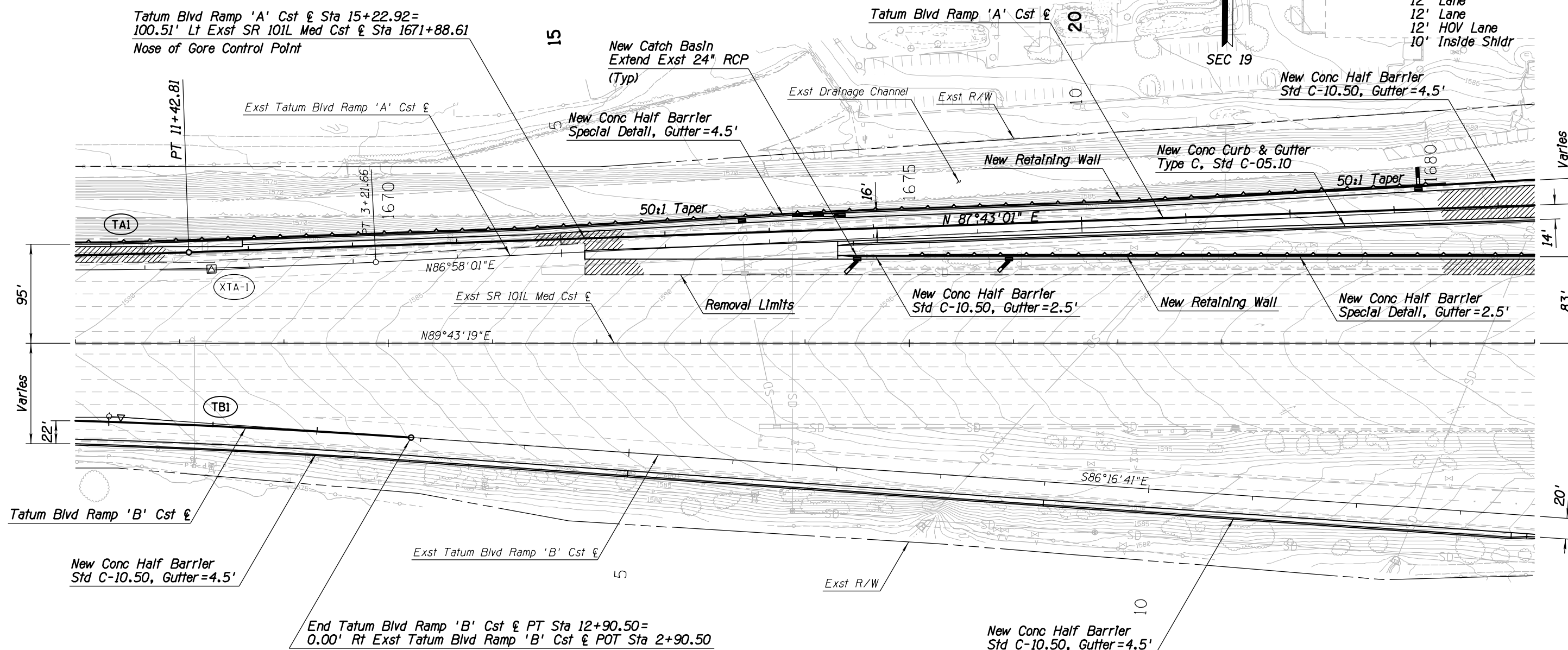
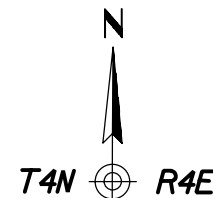
Tatum Blvd Ramp 'A' Cst & Sta 15+22.92=  
 100.51' Lt Exst SR 101L Med Cst & Sta 1671+88.61  
 Nose of Gore Control Point

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23

**WB ROADWAY SECTION**

- 12' Outside Shldr
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' HOV Lane
- 10' Inside Shldr



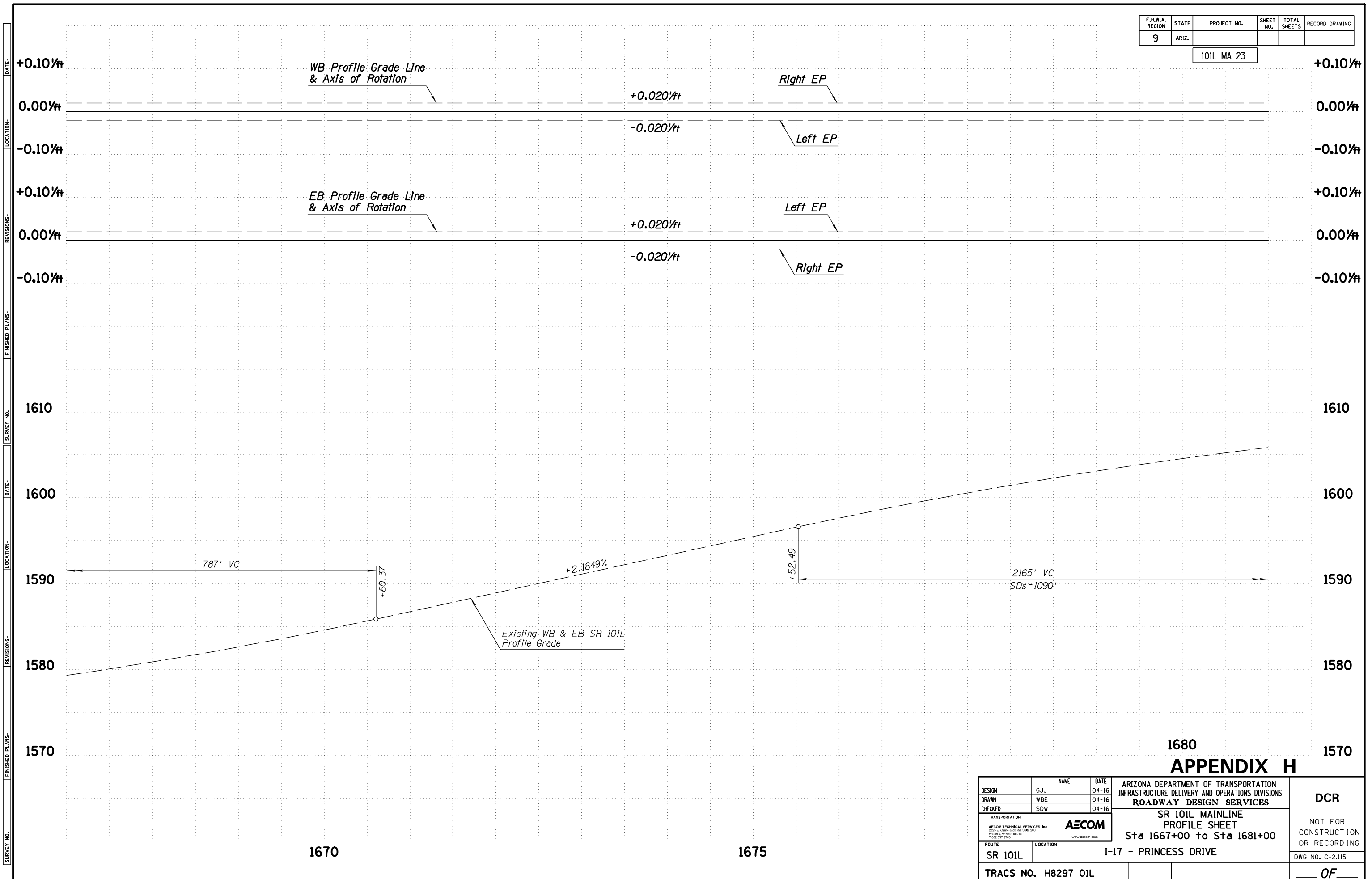
SURVEY NO. FINISHED PLANS DATE REVISIONS LOCATION DATE REVISIONS FINISHED PLANS SURVEY NO.

**APPENDIX H**

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2325 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com				<b>SR 101L MAINLINE                  PLAN SHEET                  Sta 1667+00 to Sta 1681+00</b>	NOT FOR CONSTRUCTION OR RECORDING
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L					OF

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



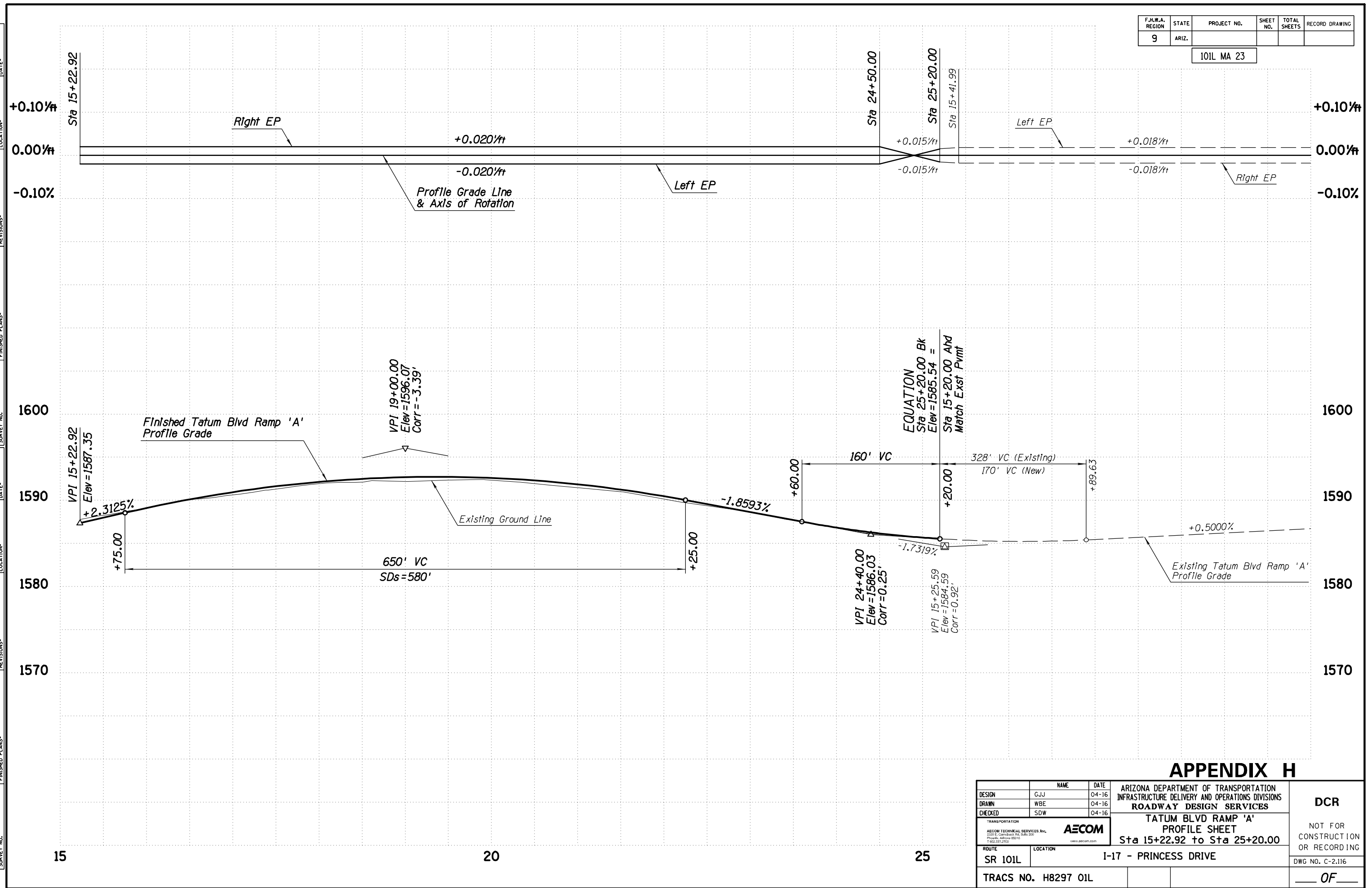
DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_ REVISIONS: \_\_\_\_\_ FINISHED PLANS: \_\_\_\_\_ SURVEY NO. \_\_\_\_\_ DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_ REVISIONS: \_\_\_\_\_ FINISHED PLANS: \_\_\_\_\_ SURVEY NO. \_\_\_\_\_

## APPENDIX H

<b>DESIGN</b>	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>
<b>DRAWN</b>	WBE	DATE	04-16		
<b>CHECKED</b>	SDW	DATE	04-16		
<small>TRANSPORTATION</small> <b>AECOM</b> <small>AECOM TECHNICAL SERVICES, Inc.          2525 E. Camelback Rd., Suite 200          Phoenix, Arizona 85016          T 602.337.2700</small>				<b>SR 101L MAINLINE          PROFILE SHEET          Sta 1667+00 to Sta 1681+00</b>	
<b>ROUTE</b>	<b>LOCATION</b>	I-17 - PRINCESS DRIVE			
SR 101L		DWG NO. C-2.115			
TRACS NO. H8297 01L				NOT FOR CONSTRUCTION OR RECORDING	
				OF _____	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



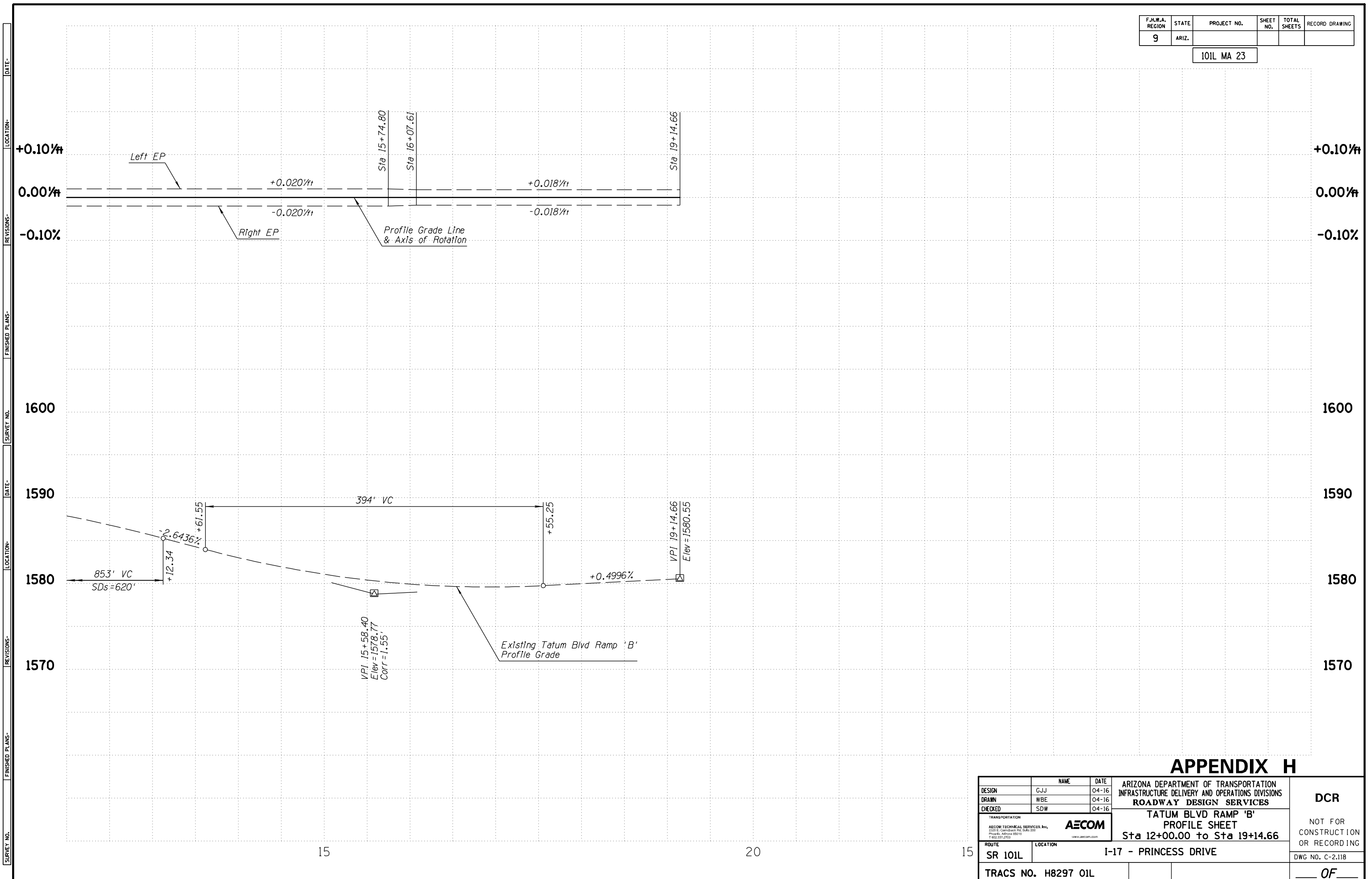
### APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com				<b>TATUM BLVD RAMP 'A'</b> <b>PROFILE SHEET</b> <b>Sta 15+22.92 to Sta 25+20.00</b>	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		DWG NO. C-2.116
TRACS NO. H8297 01L					OF



F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE

### APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION <small>AECOM TECHNICAL SERVICES, Inc.          2525 E. Camelback Rd., Suite 200          Phoenix, Arizona 85016          T 602.337.2700</small>				<b>AECOM</b> <b>TATUM BLVD RAMP 'B'</b> <b>PROFILE SHEET</b> <b>Sta 12+00.00 to Sta 19+14.66</b>	
ROUTE	LOCATION				
SR 101L	I-17 - PRINCESS DRIVE			DWG NO. C-2.118	
TRACS NO. H8297 01L				OF	

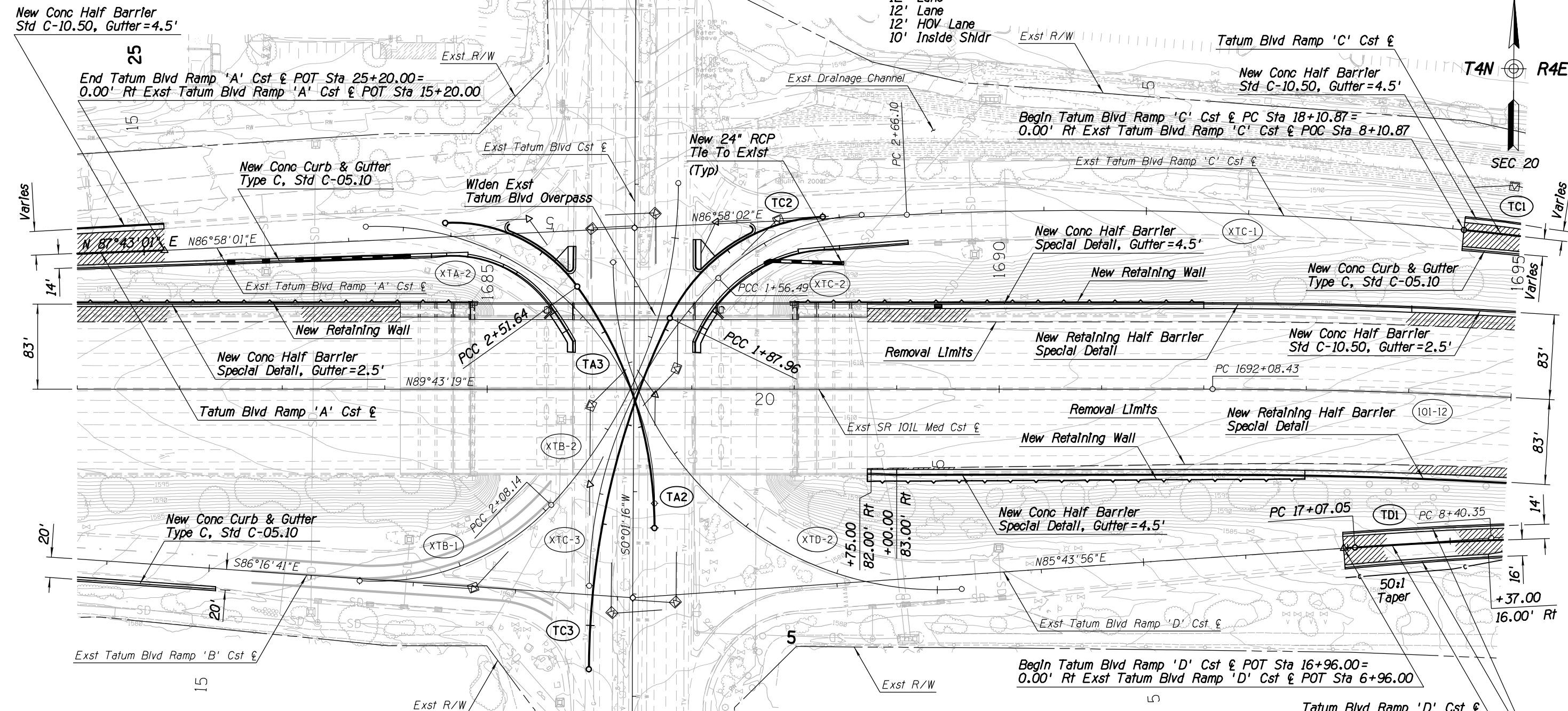
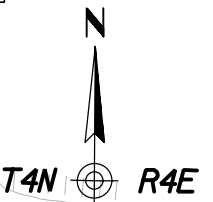


F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23

**WB ROADWAY SECTION**

- 12' Outside Shldr
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' HOV Lane
- 10' Inside Shldr



**EB ROADWAY SECTION**

- 10' Inside Shldr
- 12' HOV Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Outside Shldr

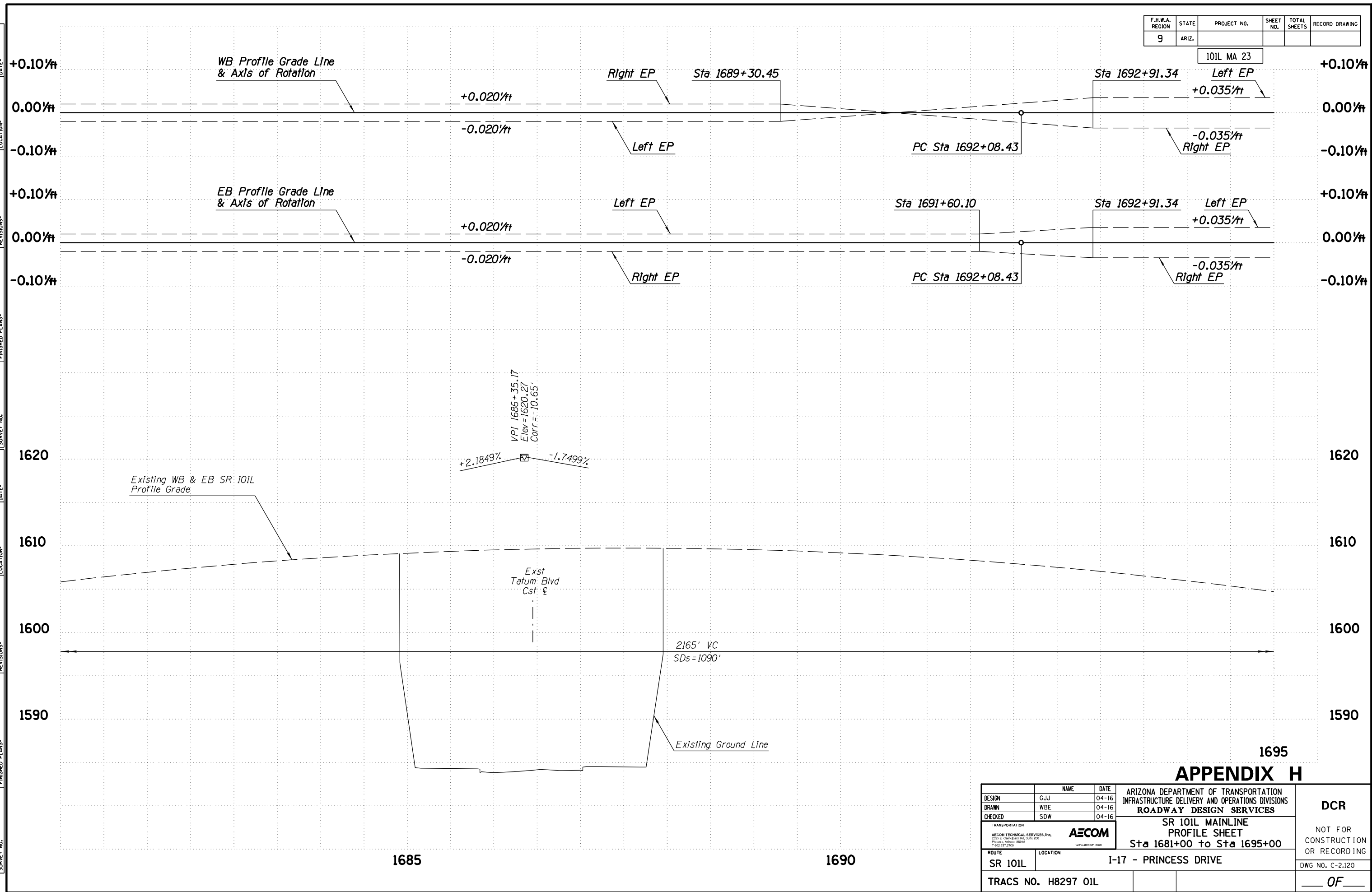
**APPENDIX H**

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com				<b>SR 101L MAINLINE PLAN SHEET</b> Sta 1681+00 Sta 1695+00	NOT FOR CONSTRUCTION OR RECORDING DWG NO. C-2.119
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L					OF

SURVEY NO. FINISHED PLANS- REVISIONS- DATE- LOCATION- FINISHED PLANS- REVISIONS- DATE- SURVEY NO.

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



### APPENDIX H

DESIGN	NAME	DATE	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DESIGN	GJJ	04-16		
DRAWN	WBE	04-16		
CHECKED	SDW	04-16	TRANSPORTATION <b>AECOM</b> <small>AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700</small>	NOT FOR CONSTRUCTION OR RECORDING DWG NO. C-2.120
ROUTE	LOCATION			
SR 101L	I-17 - PRINCESS DRIVE			
TRACS NO. H8297 01L				OF

DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_ REVISIONS: \_\_\_\_\_ SURVEY NO. \_\_\_\_\_ DATE: \_\_\_\_\_ FINISHED PLANS: \_\_\_\_\_

**WB ROADWAY SECTION**

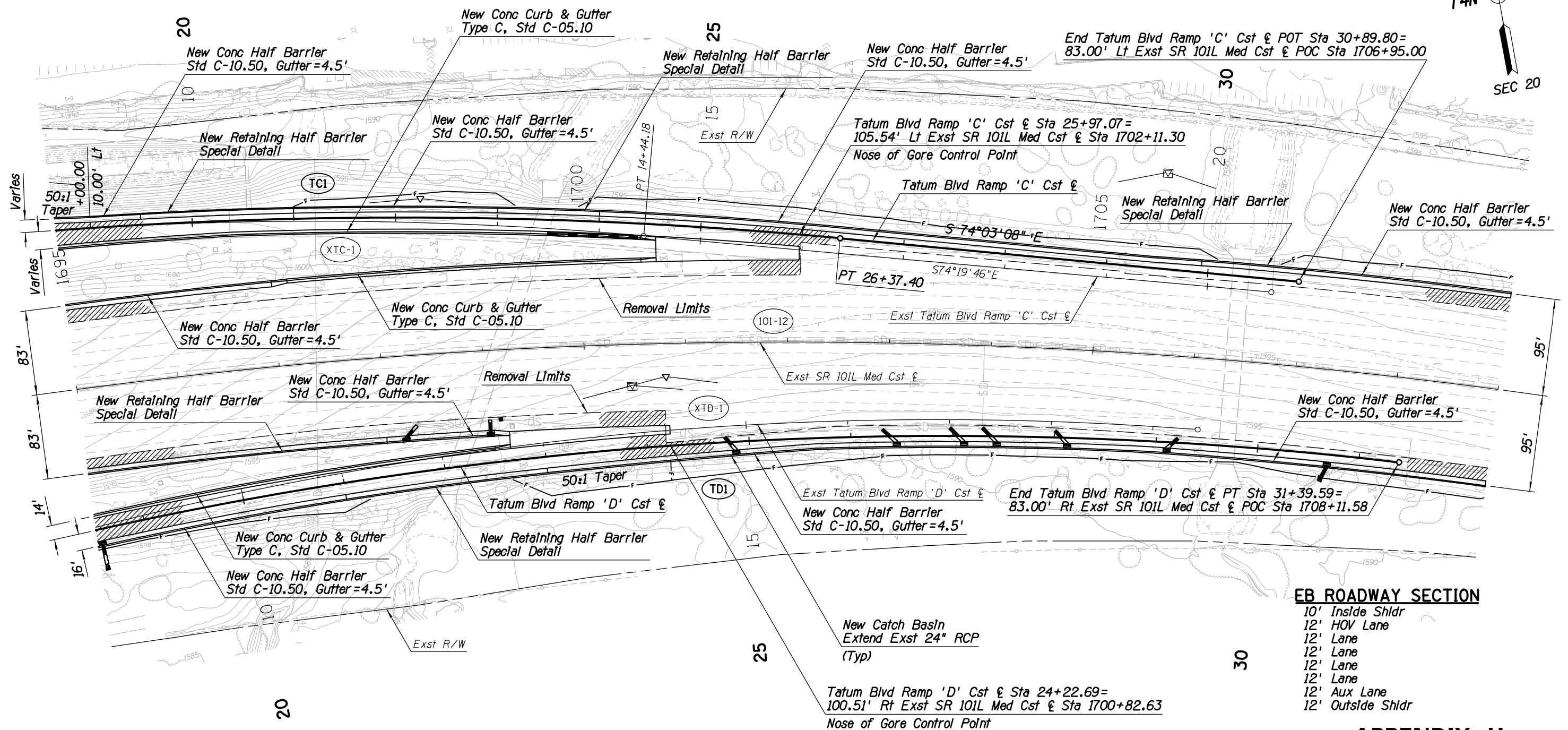
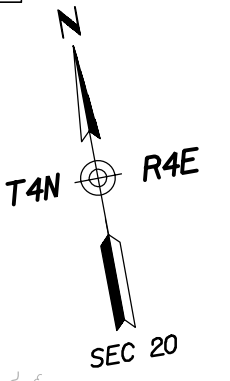
- 12' Outside Shldr
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' HOV Lane
- 10' Inside Shldr

**WB ROADWAY SECTION**

- 12' Outside Shldr
- 12' Aux Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' HOV Lane
- 10' Inside Shldr

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



**EB ROADWAY SECTION**

- 10' Inside Shldr
- 12' HOV Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Outside Shldr

**EB ROADWAY SECTION**

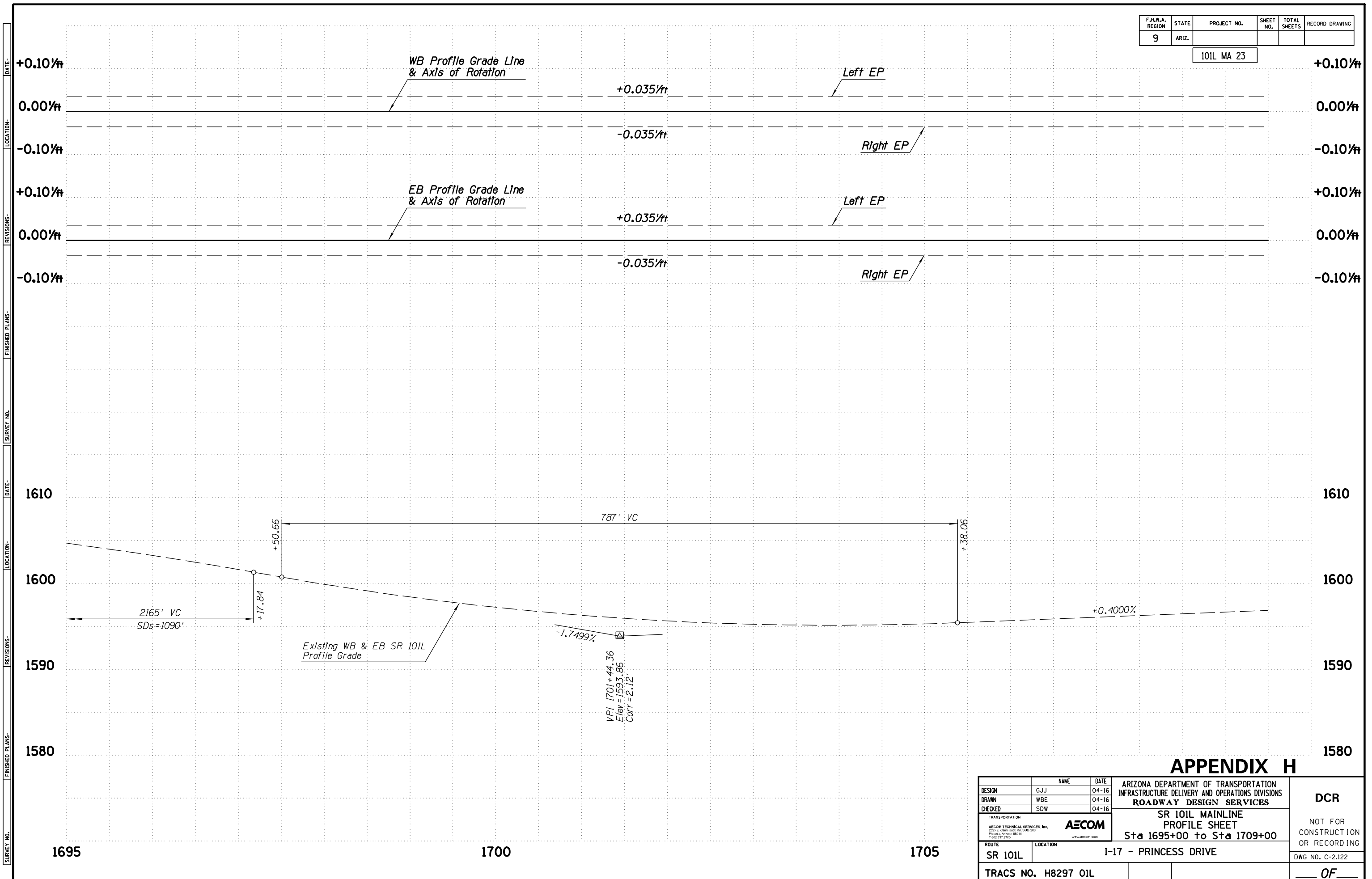
- 10' Inside Shldr
- 12' HOV Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Aux Lane
- 12' Outside Shldr

**APPENDIX H**

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 <b>AECOM</b>				<b>SR 101L MAINLINE PLAN SHEET Sta 1695+00 to 1709+00</b>	NOT FOR CONSTRUCTION OR RECORDING
ROUTE	LOCATION	I-17 - PRINCESS DRIVE			
SR 101L				TRACS NO. H8297 01L	OF

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23

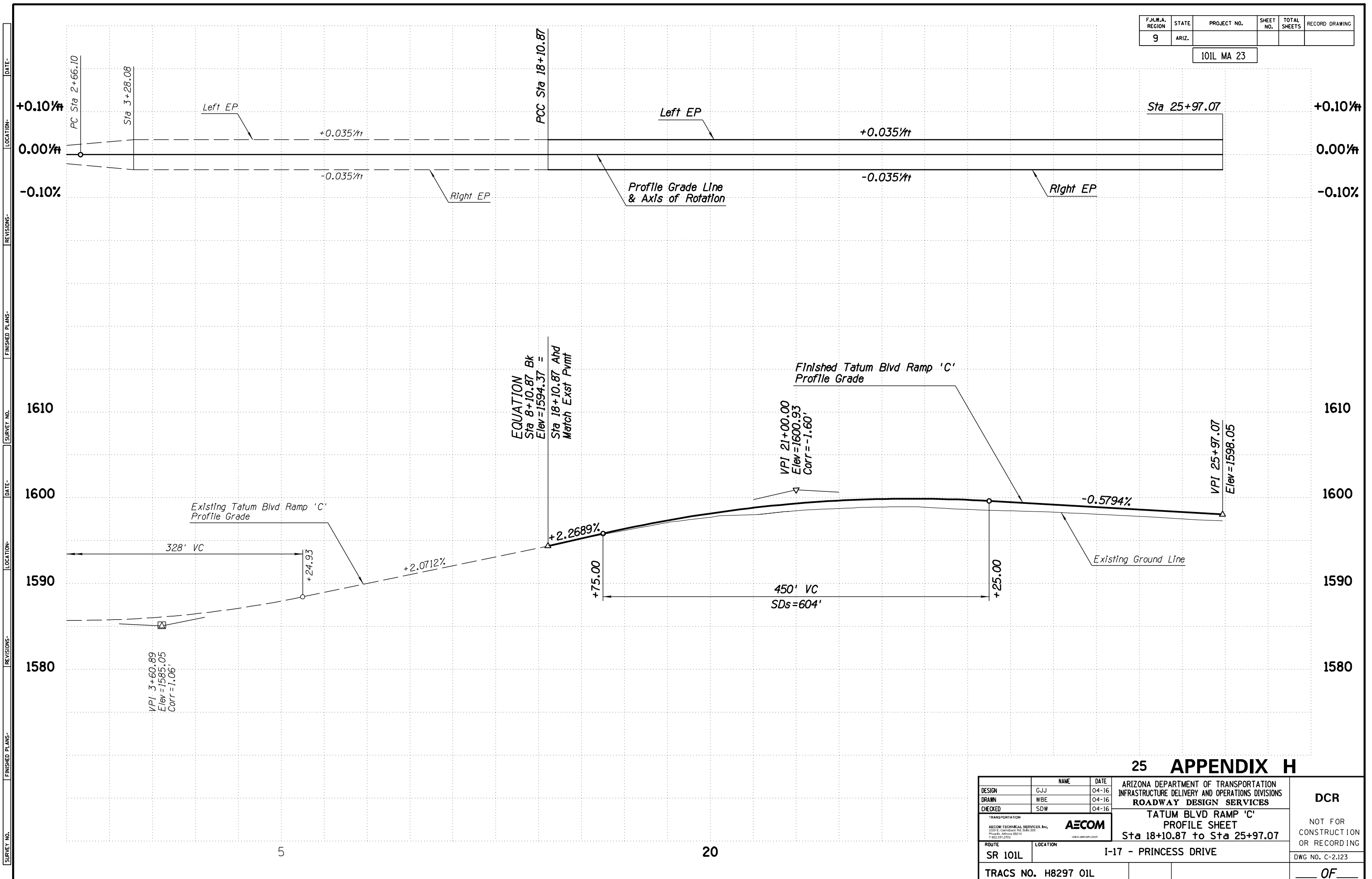


### APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
<small>AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com</small>				<b>AECOM</b> SR 101L MAINLINE PROFILE SHEET Sta 1695+00 to Sta 1709+00	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L				DWG NO. C-2.122	
				NOT FOR CONSTRUCTION OR RECORDING	
				OF	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



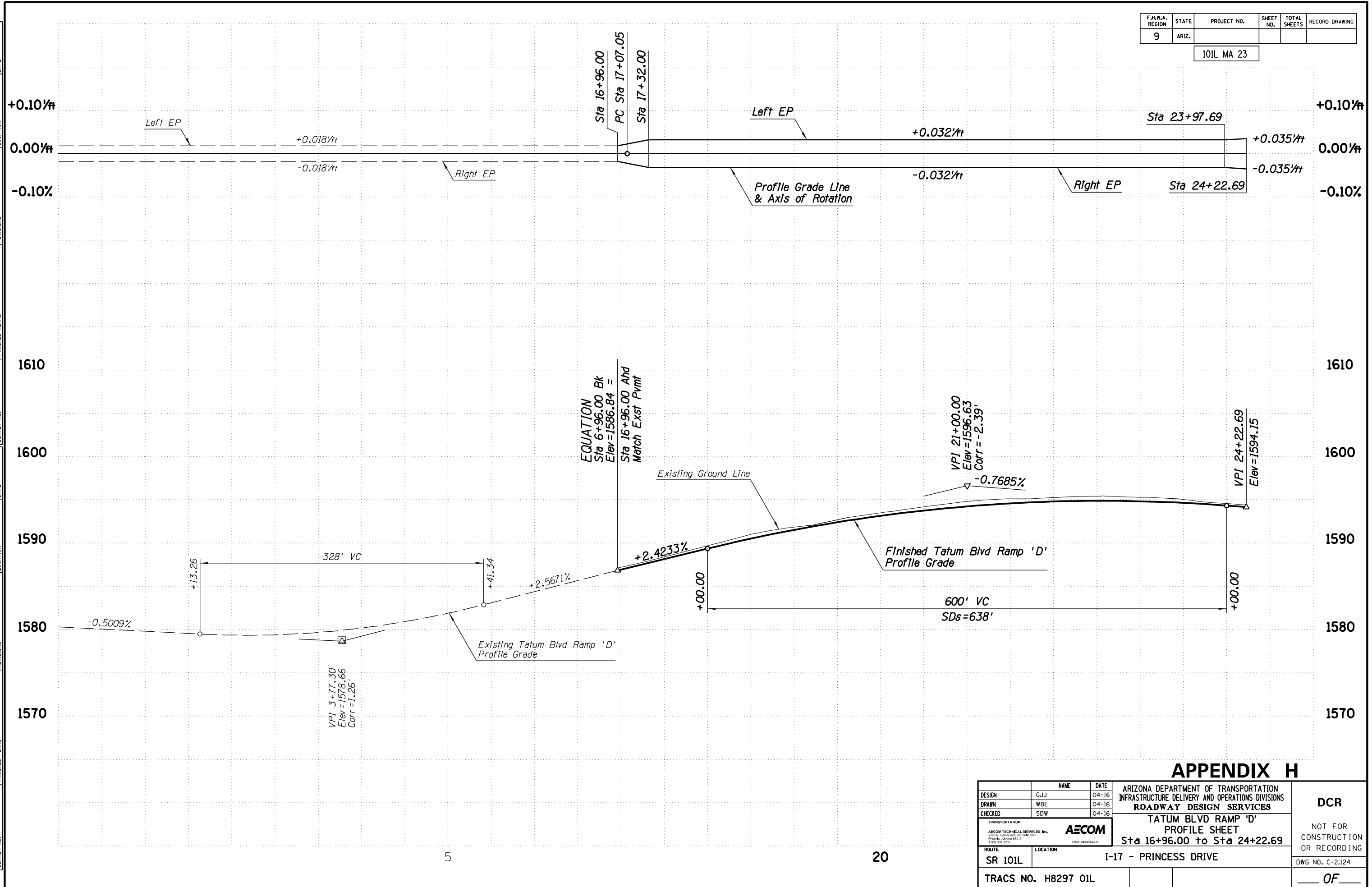
DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_ REVISIONS: \_\_\_\_\_ FINISHED PLANS: \_\_\_\_\_ SURVEY NO. \_\_\_\_\_ DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_ REVISIONS: \_\_\_\_\_ FINISHED PLANS: \_\_\_\_\_ SURVEY NO. \_\_\_\_\_

25 APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com				<b>AECOM</b> TATUM BLVD RAMP 'C' PROFILE SHEET Sta 18+10.87 to Sta 25+97.07	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L				DWG NO. C-2.123	
				NOT FOR CONSTRUCTION OR RECORDING	
				OF	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



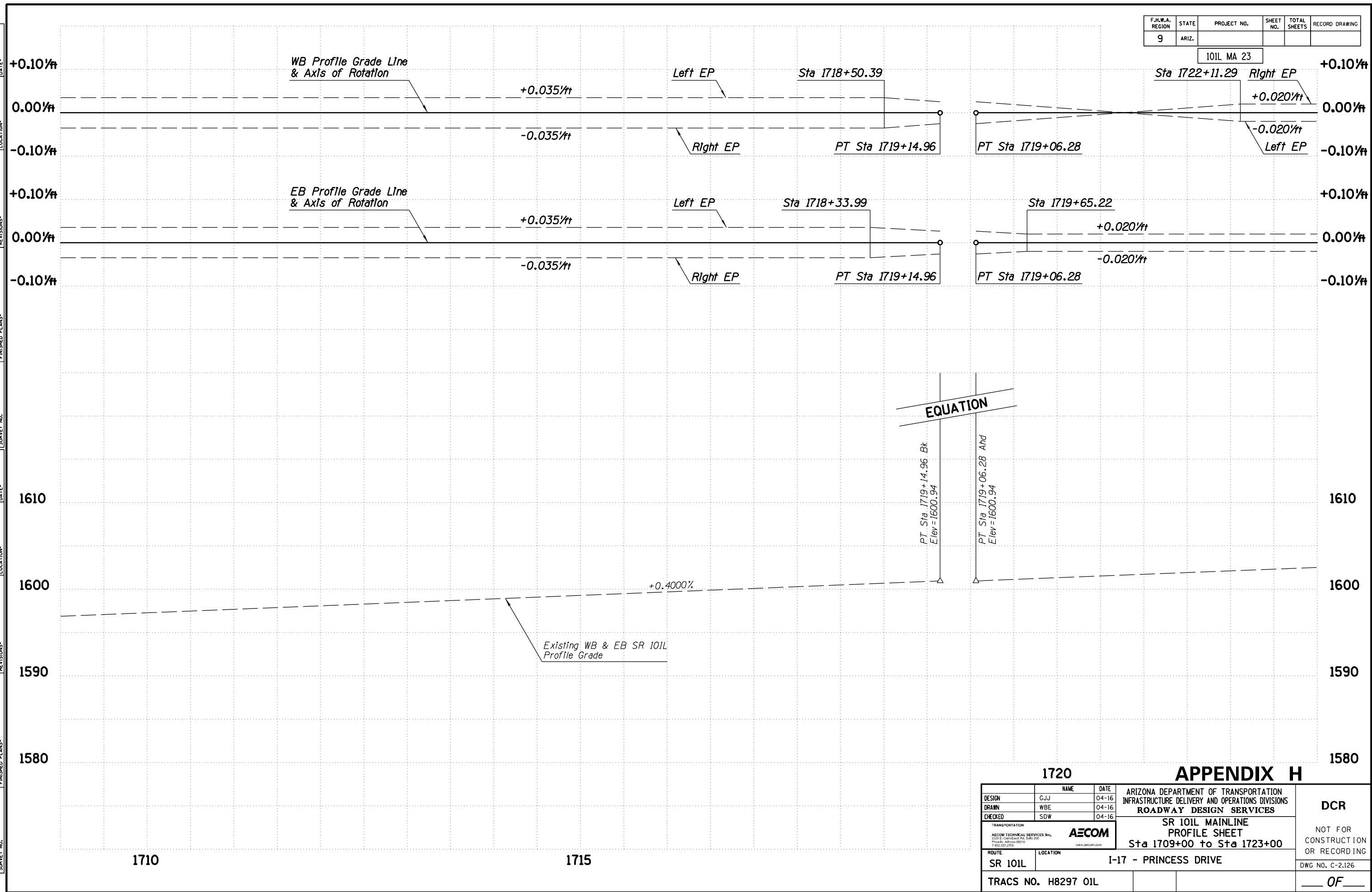
### APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com				<b>TATUM BLVD RAMP 'D'</b> <b>PROFILE SHEET</b> <b>Sta 16+96.00 to Sta 24+22.69</b>	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		DWG NO. C-2.124
TRACS NO. H8297 01L					OF



F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



DATE: LOCATION: REVISIONS: FINISHED PLANS: SURVEY NO. DATE: LOCATION: REVISIONS: FINISHED PLANS: SURVEY NO.

EQUATION

PT. Sta 1719+06.28 And  
Elev = 1600.94

PT. Sta 1719+14.96 Bk  
Elev = 1600.94

1720

APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION				SR 101L MAINLINE PROFILE SHEET Sta 1709+00 to Sta 1723+00	NOT FOR CONSTRUCTION OR RECORDING
AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 www.aecom.com					
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		DWG NO. C-2.126
TRACS NO. H8297 01L					OF



**WB ROADWAY SECTION**

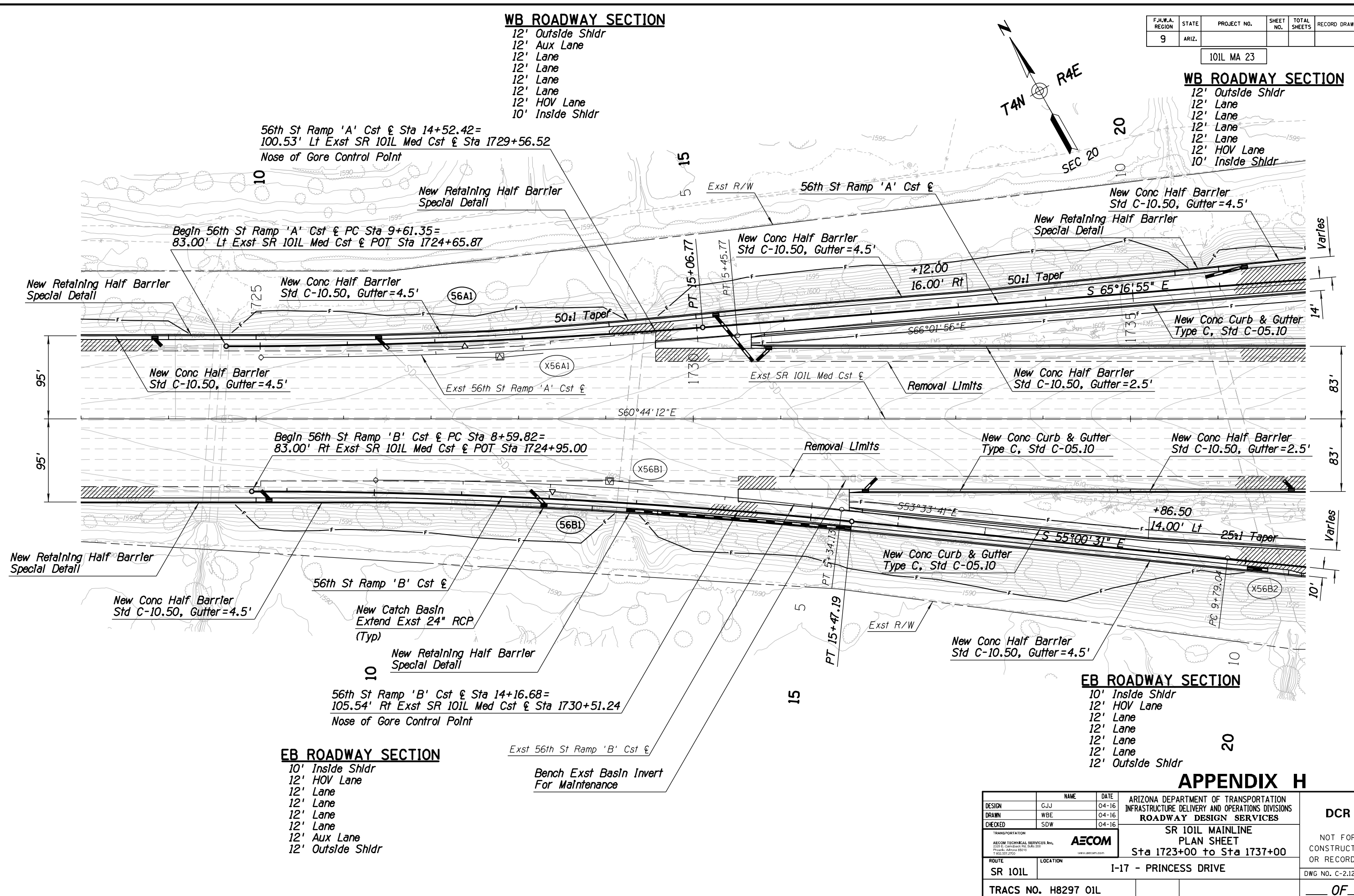
- 12' Outside Shldr
- 12' Aux Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' HOV Lane
- 10' Inside Shldr

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23

**WB ROADWAY SECTION**

- 12' Outside Shldr
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' HOV Lane
- 10' Inside Shldr



**EB ROADWAY SECTION**

- 10' Inside Shldr
- 12' HOV Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Aux Lane
- 12' Outside Shldr

Exst 56th St Ramp 'B' Cst

Bench Exst Basin Invert For Maintenance

**EB ROADWAY SECTION**

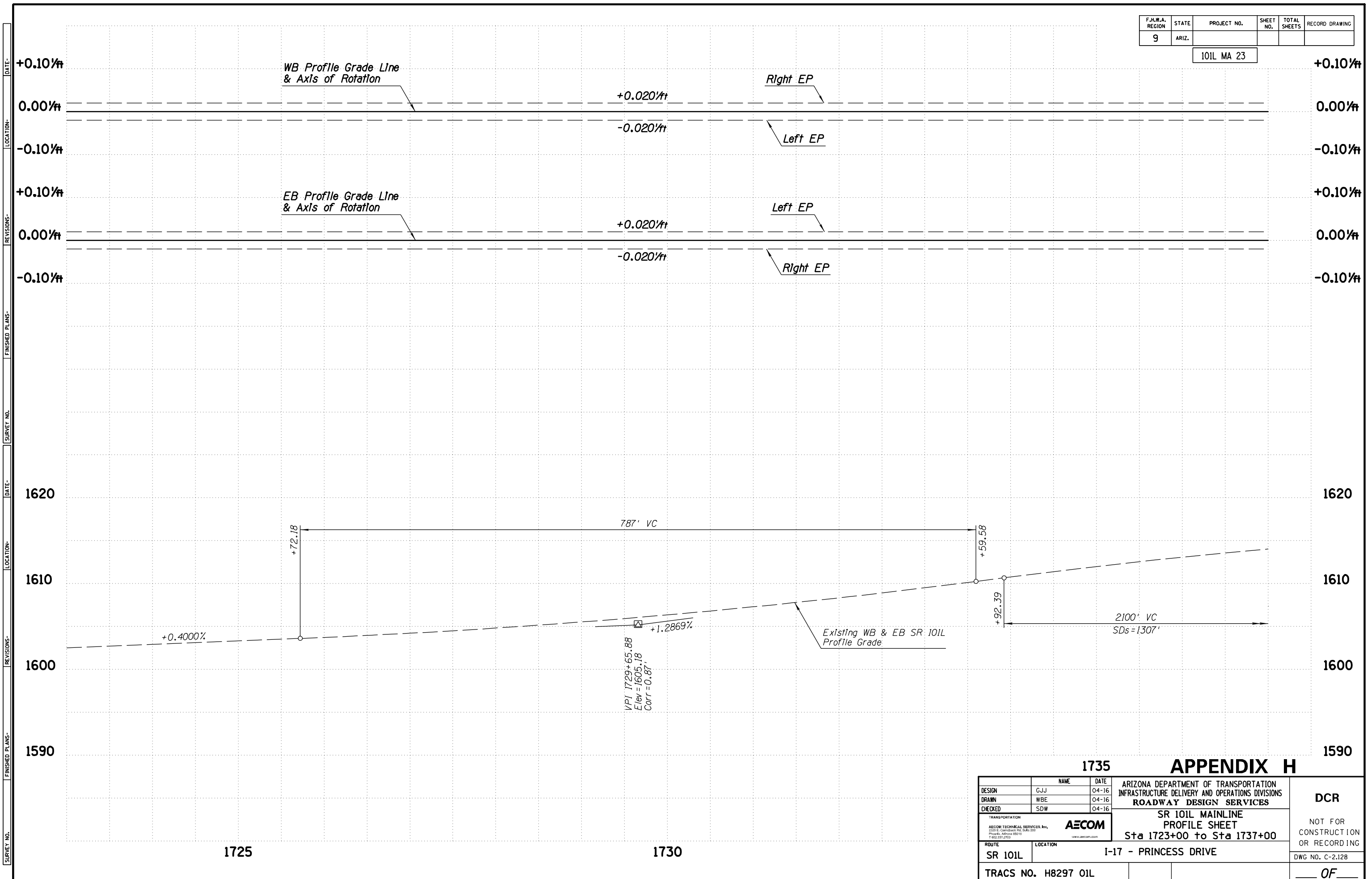
- 10' Inside Shldr
- 12' HOV Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Outside Shldr

**APPENDIX H**

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2325 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com				SR 101L MAINLINE PLAN SHEET Sta 1723+00 to Sta 1737+00	NOT FOR CONSTRUCTION OR RECORDING DWG NO. C-2.127
ROUTE	LOCATION	I-17 - PRINCESS DRIVE			
SR 101L				TRACS NO. H8297 01L	OF

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



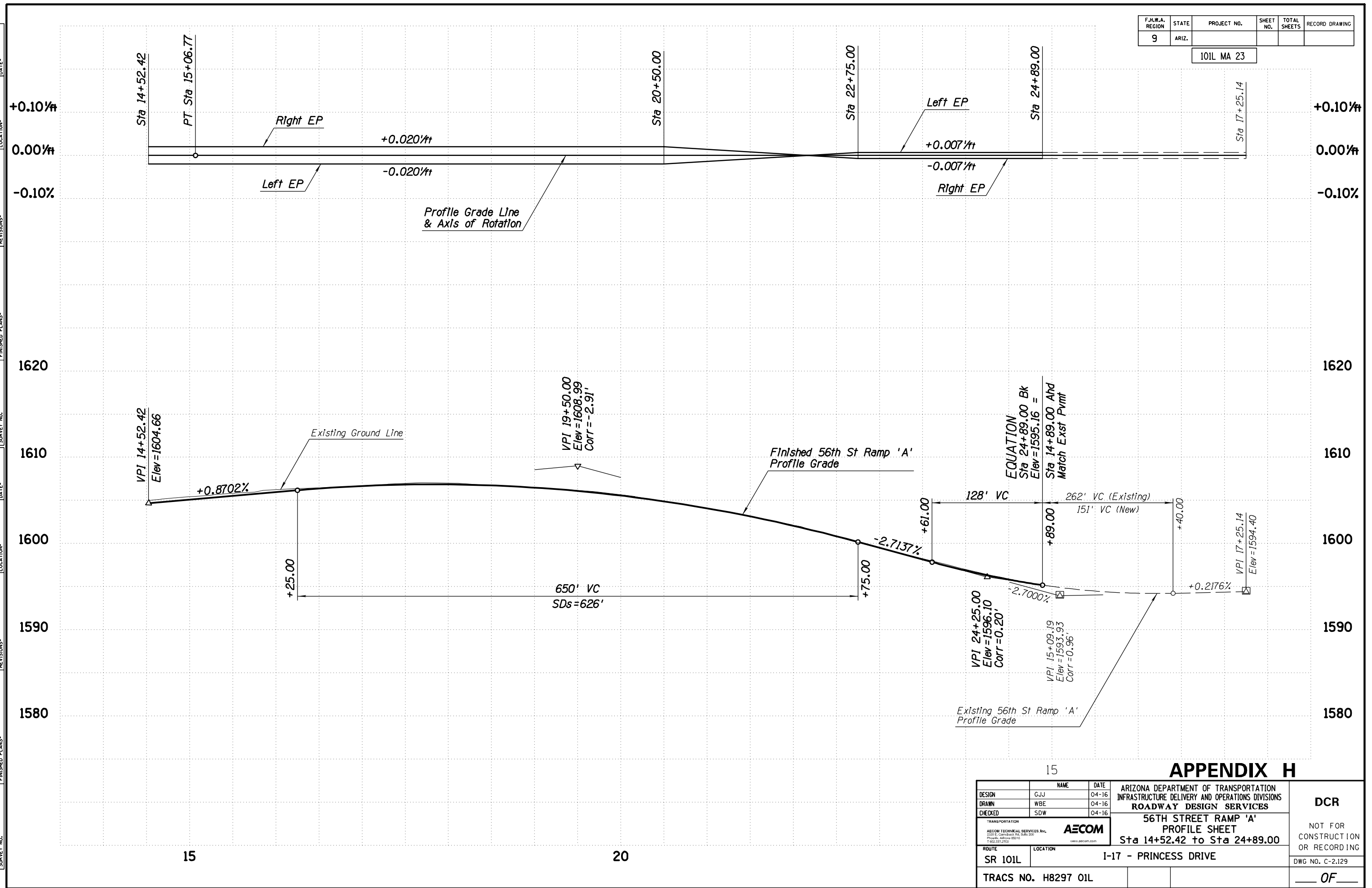
DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_ REVISIONS: \_\_\_\_\_ FINISHED PLANS: \_\_\_\_\_ SURVEY NO. \_\_\_\_\_ DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_ REVISIONS: \_\_\_\_\_ FINISHED PLANS: \_\_\_\_\_ SURVEY NO. \_\_\_\_\_

1735 **APPENDIX H**

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION <small>AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700</small>				<b>AECOM</b> SR 101L MAINLINE PROFILE SHEET Sta 1723+00 to Sta 1737+00	
ROUTE	LOCATION	I-17 - PRINCESS DRIVE			
SR 101L				DWG NO. C-2.128	
TRACS NO. H8297 01L				NOT FOR CONSTRUCTION OR RECORDING OF	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23

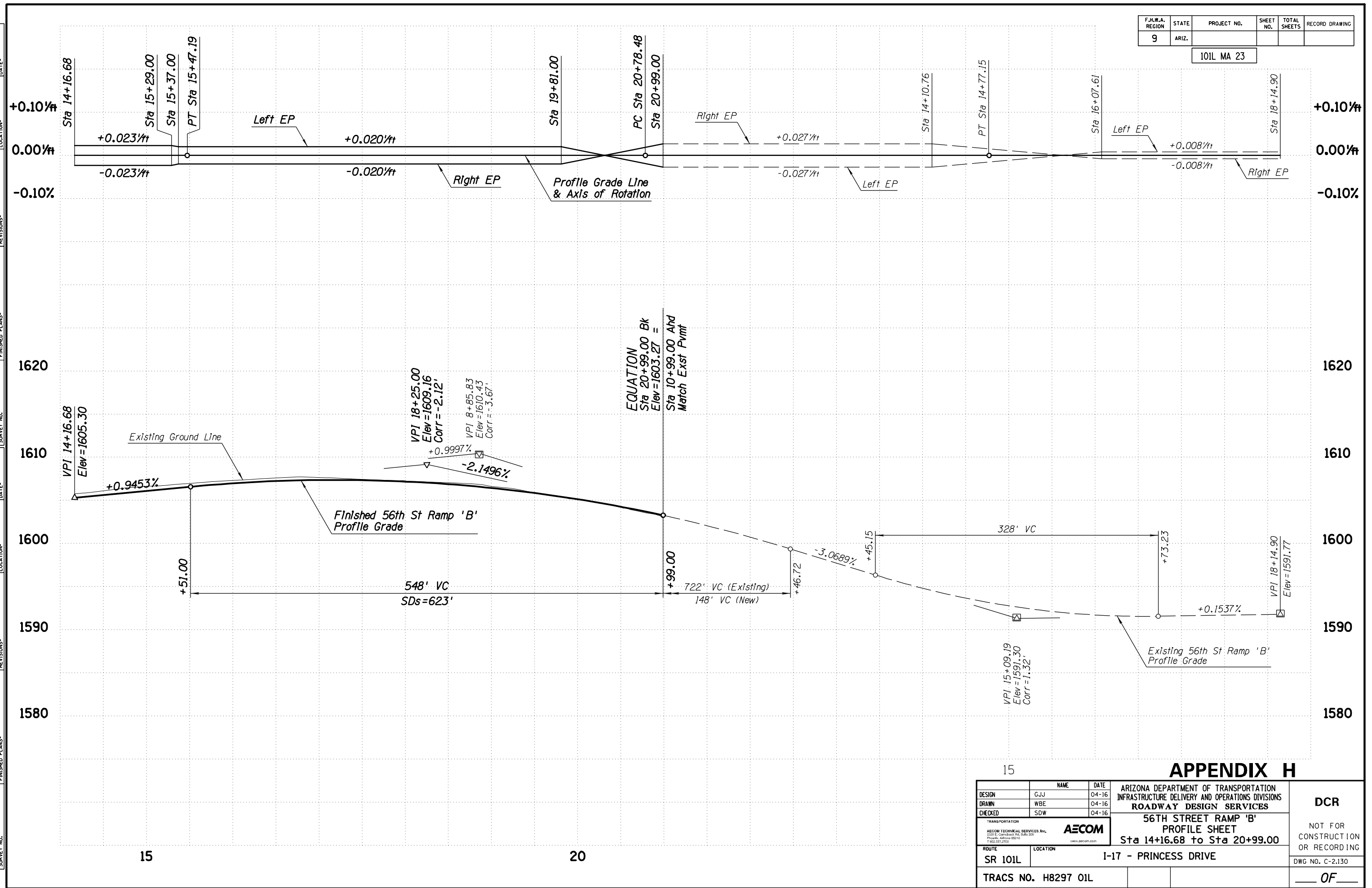


APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com				<b>56TH STREET RAMP 'A'</b> <b>PROFILE SHEET</b> <b>Sta 14+52.42 to Sta 24+89.00</b>	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L				DWG NO. C-2.129	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



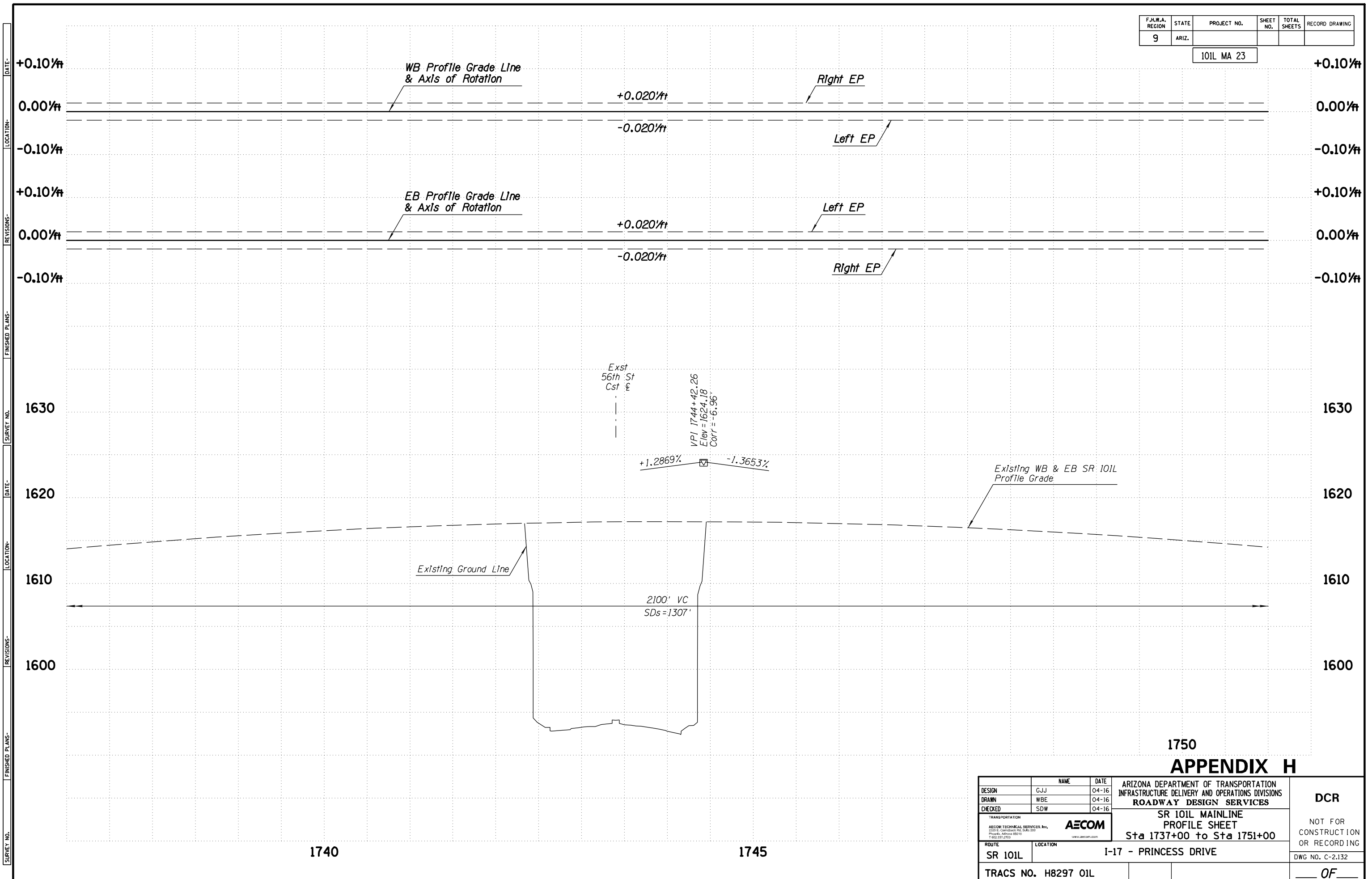
APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com				<b>56TH STREET RAMP 'B'</b> <b>PROFILE SHEET</b> <b>Sta 14+16.68 to Sta 20+99.00</b>	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		DWG NO. C-2.130
TRACS NO. H8297 01L					OF



F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



DATE: \_\_\_\_\_  
 LOCATION: \_\_\_\_\_  
 REVISIONS: \_\_\_\_\_  
 FINISHED PLANS: \_\_\_\_\_  
 SURVEY NO.: \_\_\_\_\_  
 DATE: \_\_\_\_\_  
 LOCATION: \_\_\_\_\_  
 REVISIONS: \_\_\_\_\_  
 FINISHED PLANS: \_\_\_\_\_  
 SURVEY NO.: \_\_\_\_\_

**APPENDIX H**

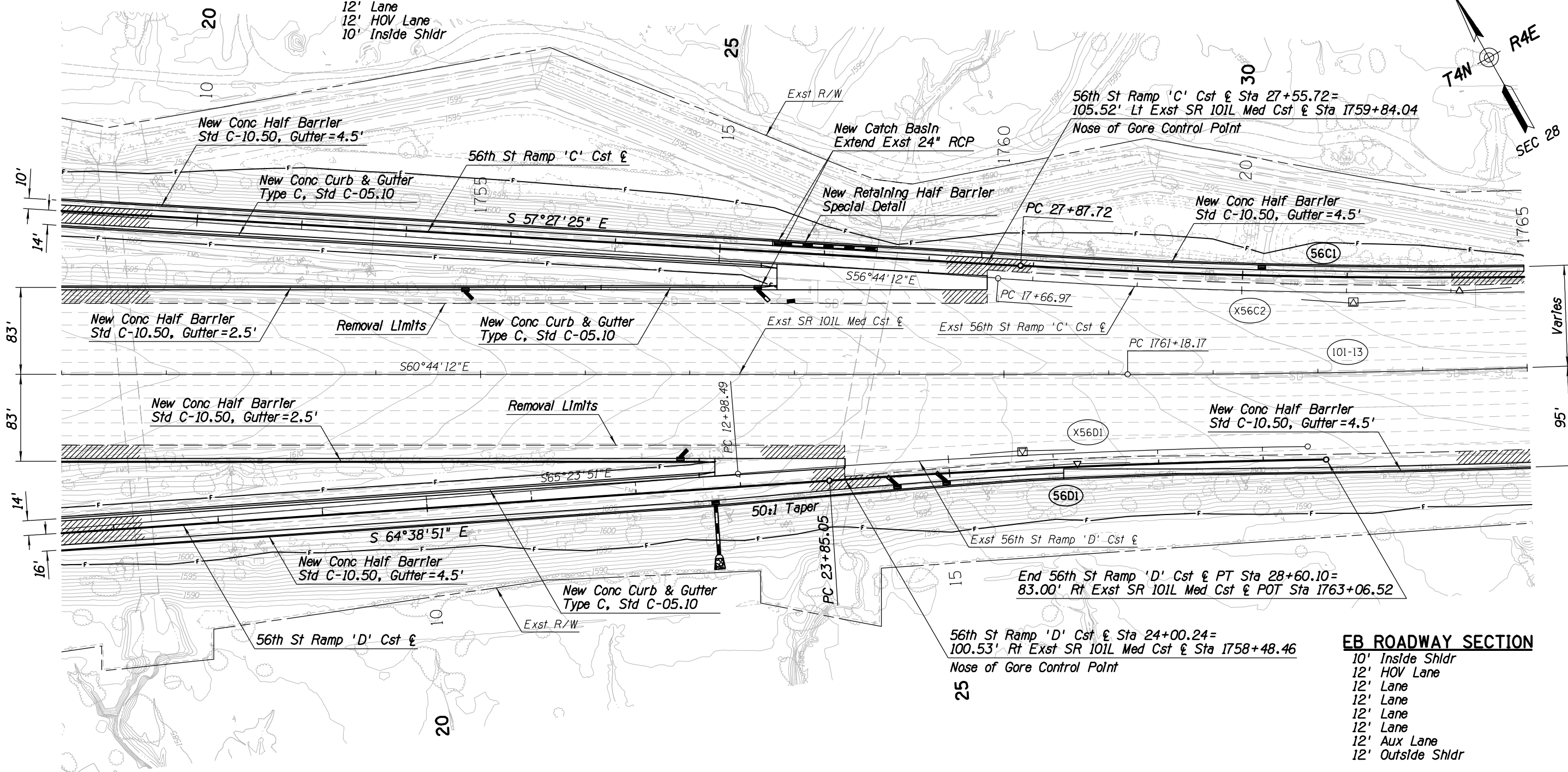
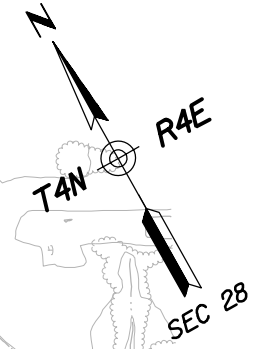
DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com				<b>AECOM</b> SR 101L MAINLINE PROFILE SHEET Sta 1737+00 to Sta 1751+00	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L				DWG NO. C-2.132	
				NOT FOR CONSTRUCTION OR RECORDING	
				OF	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23

**WB ROADWAY SECTION**

- 12' Outside Shldr
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' HOV Lane
- 10' Inside Shldr



**EB ROADWAY SECTION**

- 10' Inside Shldr
- 12' HOV Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Outside Shldr

**EB ROADWAY SECTION**

- 10' Inside Shldr
- 12' HOV Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Aux Lane
- 12' Outside Shldr

**APPENDIX H**

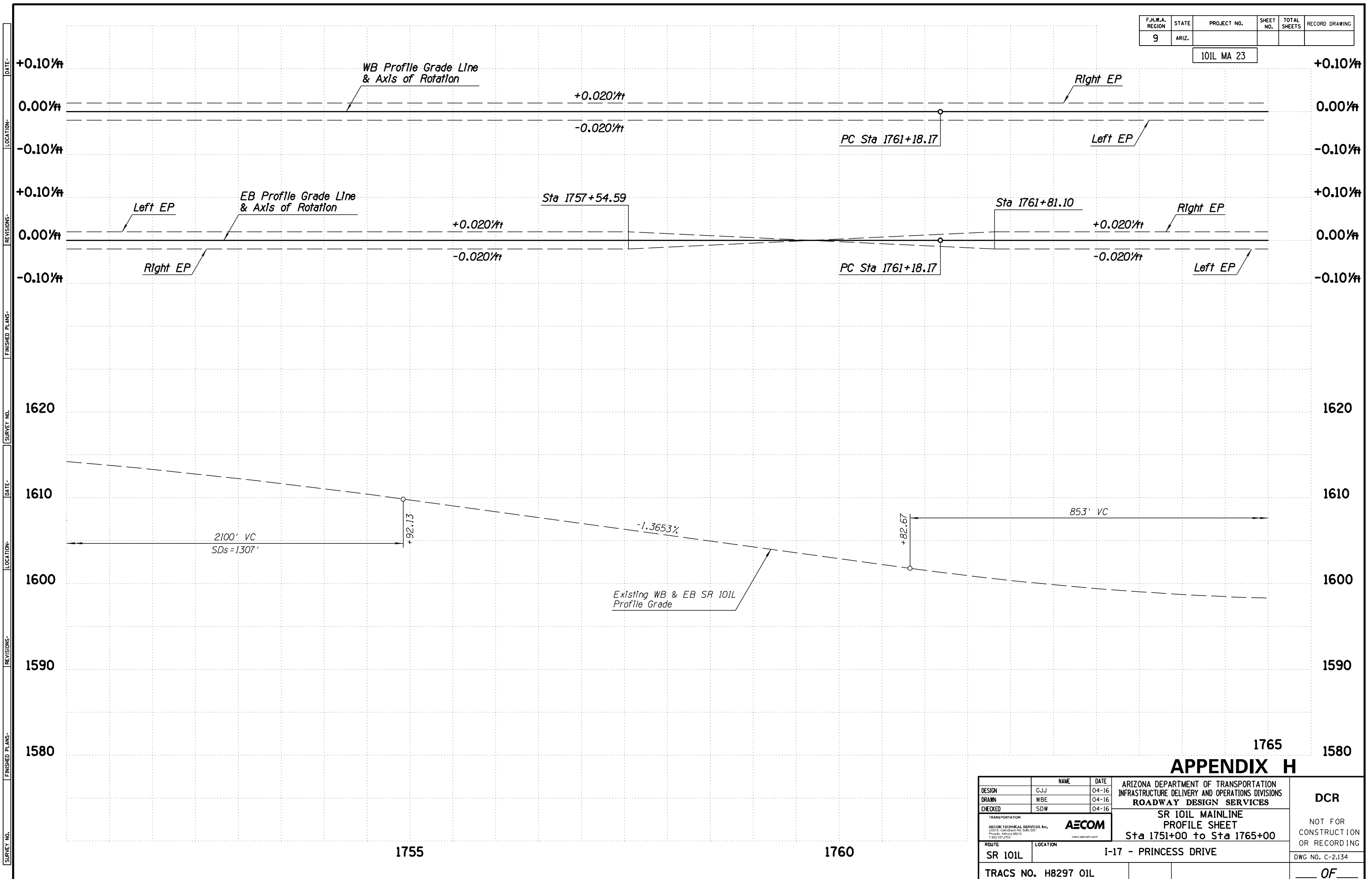
DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2325 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com				SR 101L MAINLINE PLAN SHEET Sta 1751+00 to Sta 1765+00	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		DWG NO. C-2.133
TRACS NO. H8297 01L				NOT FOR CONSTRUCTION OR RECORDING	
				OF	

SURVEY NO. FINISHED PLANS DATE REVISIONS LOCATION DATE FINISHED PLANS SURVEY NO. REVISIONS LOCATION DATE



F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



DATE: \_\_\_\_\_  
 LOCATION: \_\_\_\_\_  
 REVISIONS: \_\_\_\_\_  
 FINISHED PLANS: \_\_\_\_\_  
 SURVEY NO.: \_\_\_\_\_

### APPENDIX H

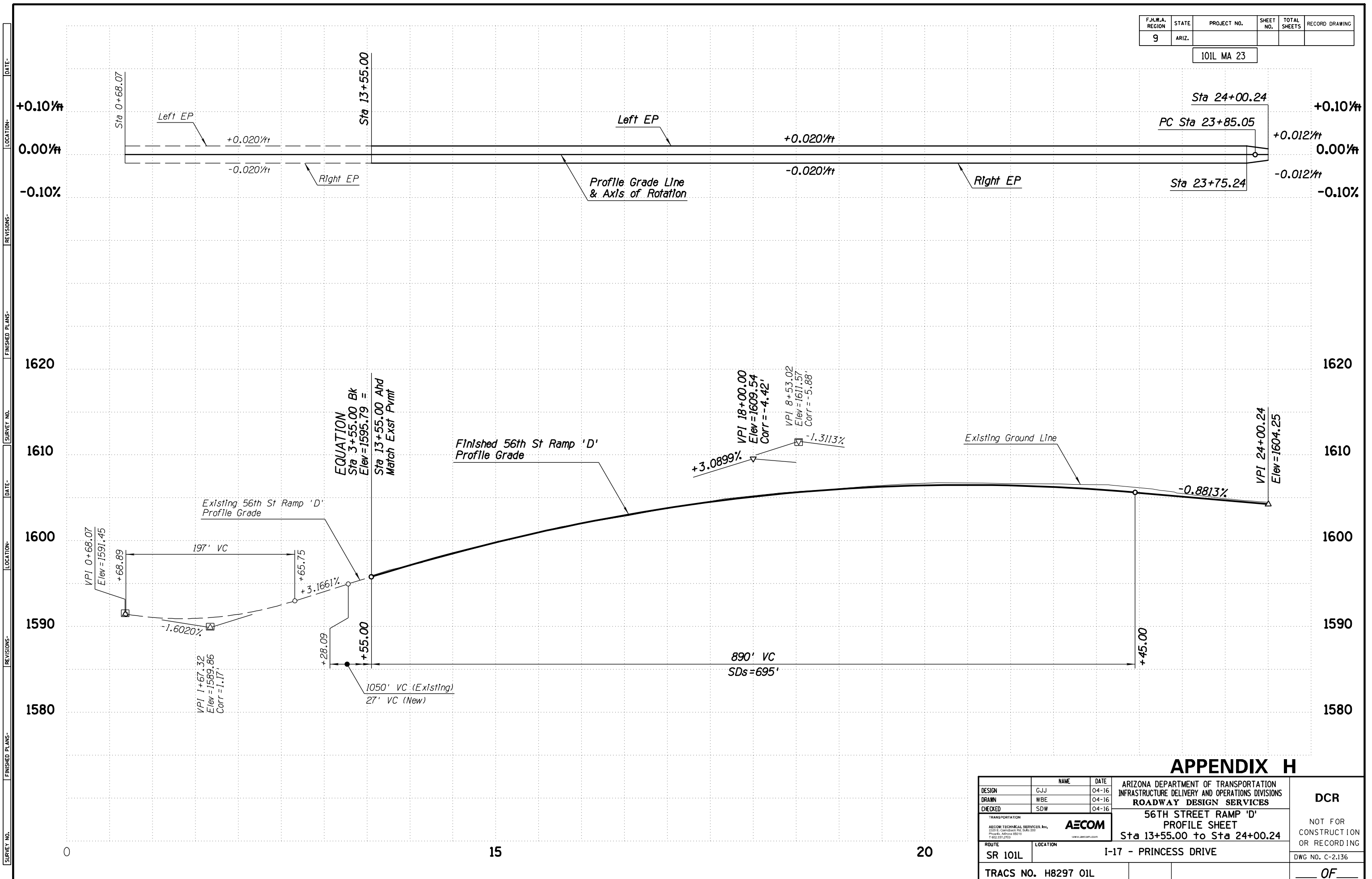
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DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION					SR 101L MAINLINE PROFILE SHEET Sta 1751+00 to Sta 1765+00
ROUTE	LOCATION	1-17 - PRINCESS DRIVE			
SR 101L				DWG NO. C-2.134	
TRACS NO. H8297 01L				OF	





F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



### APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 <b>AECOM</b>				<b>56TH STREET RAMP 'D'</b> <b>PROFILE SHEET</b> <b>Sta 13+55.00 to Sta 24+00.24</b>	
ROUTE	LOCATION	I-17 - PRINCESS DRIVE			DWG NO. C-2.136
SR 101L		TRACS NO. H8297 01L			OF

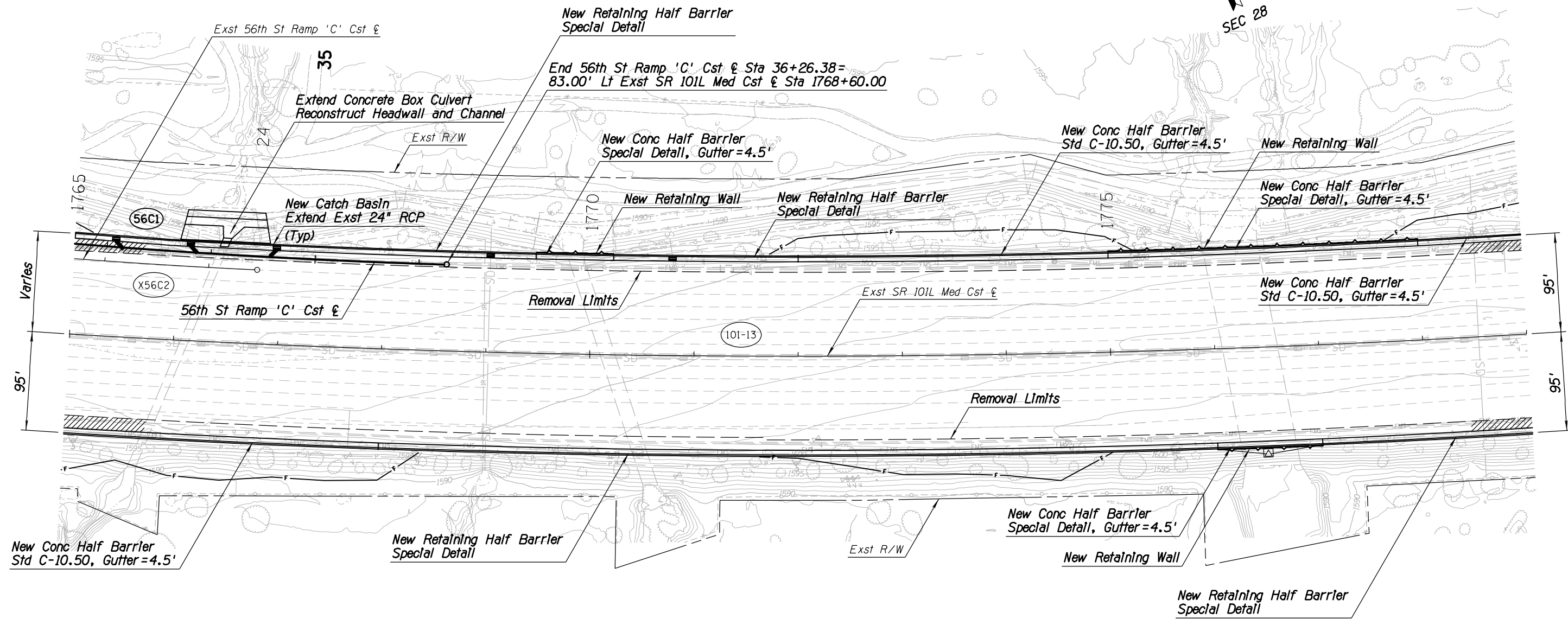
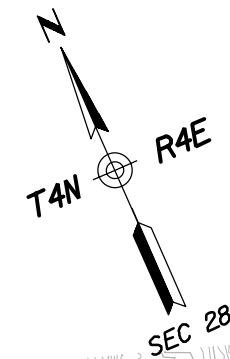
SURVEY NO. LOCATION FINISHED PLANS DATE REVISIONS LOCATION FINISHED PLANS DATE SURVEY NO.

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23

**WB ROADWAY SECTION**

- 12' Outside Shldr
- 12' Aux Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' HOV Lane
- 10' Inside Shldr



**EB ROADWAY SECTION**

- 10' Inside Shldr
- 12' HOV Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Aux Lane
- 12' Outside Shldr

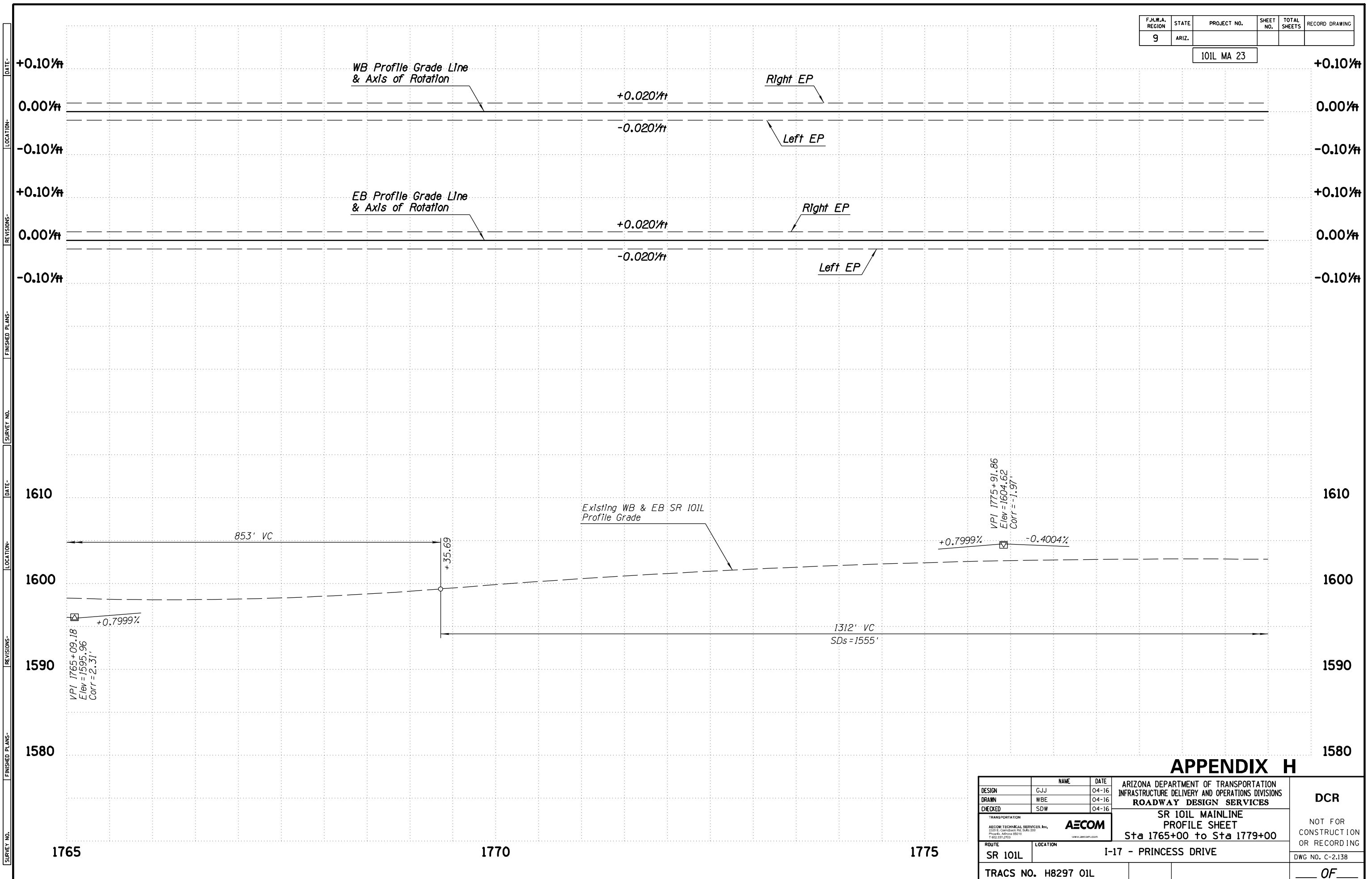
**APPENDIX H**

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION <small>AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700</small>				<b>AECOM</b> <small>www.aecom.com</small>	<b>SR 101L MAINLINE PLAN SHEET Sta 1765+00 to Sta 1779+00</b>
ROUTE	LOCATION	I-17 - PRINCESS DRIVE			
SR 101L				DWG NO. C-2.137	NOT FOR CONSTRUCTION OR RECORDING
TRACS NO. H8297 01L					<b>OF</b>

DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_ REVISIONS: \_\_\_\_\_ FINISHED PLANS: \_\_\_\_\_ SURVEY NO. \_\_\_\_\_ DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_ REVISIONS: \_\_\_\_\_ FINISHED PLANS: \_\_\_\_\_ SURVEY NO. \_\_\_\_\_

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_ REVISIONS: \_\_\_\_\_ SURVEY NO. \_\_\_\_\_ DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_ REVISIONS: \_\_\_\_\_ SURVEY NO. \_\_\_\_\_

### APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION					<b>SR 101L MAINLINE PROFILE SHEET</b> Sta 1765+00 to Sta 1779+00
<small>AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700</small>					
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		DWG NO. C-2.138
TRACS NO. H8297 01L					OF

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23

**WB ROADWAY SECTION**

- 12' Outside Shldr
- 12' Aux Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' HOV Lane
- 10' Inside Shldr

**WB ROADWAY SECTION**

- 12' Outside Shldr
- 12' Lane
- 12' Lane
- 12' Lane
- 12' HOV Lane
- 10' Inside Shldr

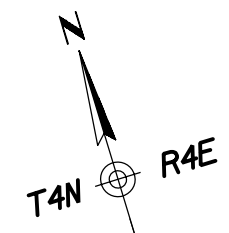
64th St Ramp 'A' Cst & Sta 26+50.62 =  
100.51' Lt Exst SR 101L Med Cst & Sta 1787+53.76  
Nose of Gore Control Point

Begin 64th St Ramp 'A' Cst & PC Sta 19+09.95 =  
83.00' Lt Exst SR 101L Med Cst & POC Sta 1780+07.58

New Catch Basin  
Extend Exst 24" RCP  
(Typ)

New Conc Curb & Gutter  
Type C, Std C-05.10

SEC 28 30



New Conc Half Barrier  
Std C-10.50, Gutter=4.5'

New Retaining Half Barrier  
Special Detail

New Retaining Wall

New Conc Half Barrier  
Special Detail, Gutter=4.5'

Exst 64th St Ramp 'A' Cst &

New Conc Half Barrier  
Std C-10.50, Gutter=4.5'

New Retaining Half Barrier  
Special Detail

64th St Ramp 'A' Cst &

50:1 Taper

New Conc Curb & Gutter  
Type C, Std C-05.10

Extend Concrete Box Culvert  
Reconstruct Headwall and Channel

Exst SR 101L Med Cst &

Removal Limits

New Conc Curb & Gutter  
Type C, Std C-05.10

Removal Limits

Exst 64th St Ramp 'B' Cst &

PT 11+25.03

S70°55'23"E

New Retaining Half Barrier  
Special Detail

Exst R/W

New Retaining Wall

New Retaining Wall

Begin 64th St Ramp 'B' Cst & POT Sta 17+63.26 =  
83.00' Rt Exst SR 101L Med Cst & POC Sta 1782+89.80

New Retaining Wall

New Conc Half Barrier  
Special Detail, Gutter=4.5'

New Conc Half Barrier  
Special Detail, Gutter=4.5'

New Conc Half Barrier  
Special Detail, Gutter=4.5'

New Retaining Half Barrier  
Special Detail

64th St Ramp 'B' Cst &

New Conc Half Barrier  
Std C-10.50, Gutter=4.5'

New Conc Curb & Gutter  
Type C, Std C-05.10

**EB ROADWAY SECTION**

- 10' Inside Shldr
- 12' HOV Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Outside Shldr

64th St Ramp 'B' Cst & Sta 24+84.67 =  
105.52' Rt Exst SR 101L Med Cst & Sta 1790+05.08  
Nose of Gore Control Point

**EB ROADWAY SECTION**

- 10' Inside Shldr
- 12' HOV Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Aux Lane
- 12' Outside Shldr

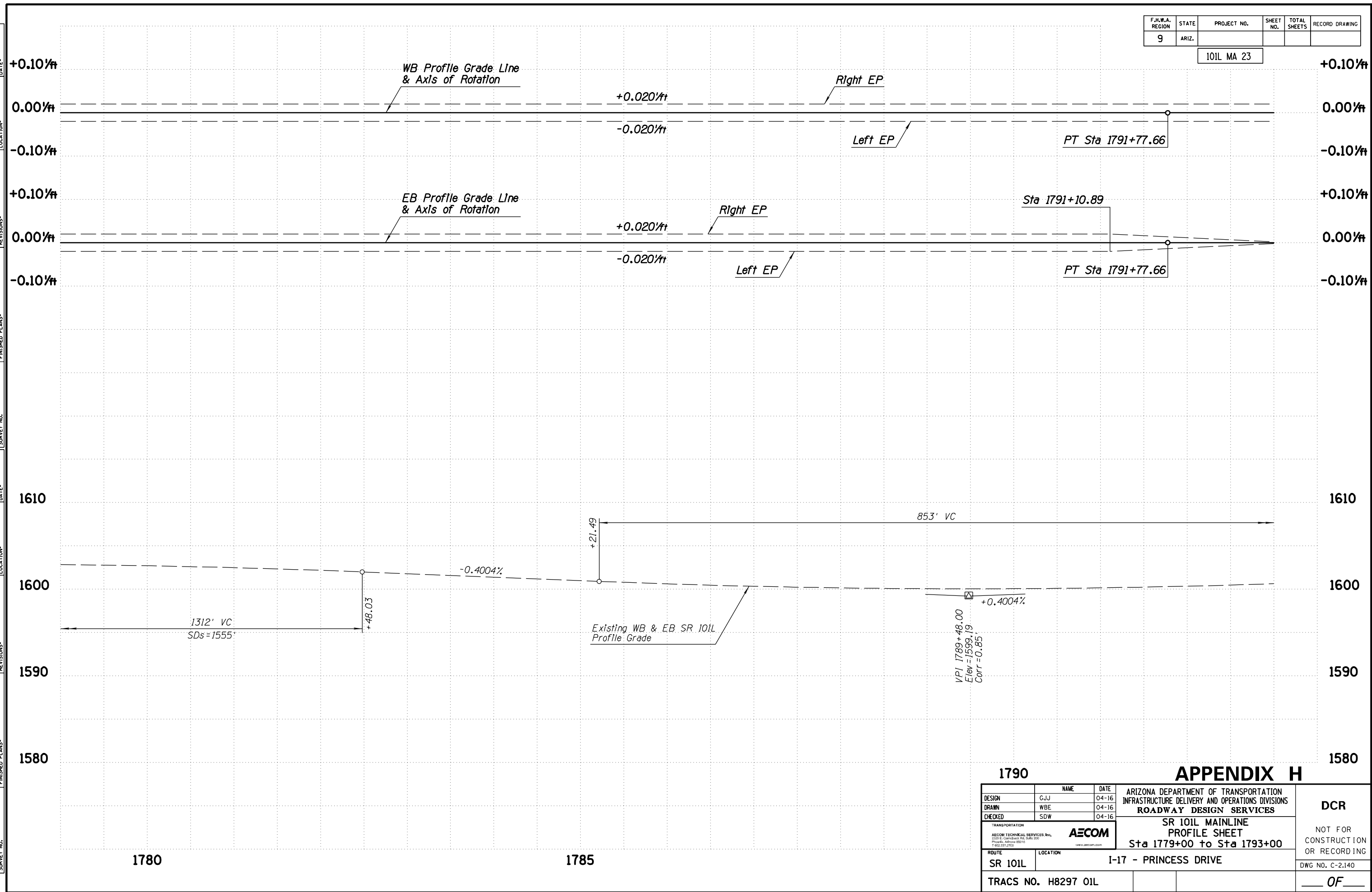
**APPENDIX H**

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION				SR 101L MAINLINE PLAN SHEET Sta 1779+00 to Sta 1793+00	NOT FOR CONSTRUCTION OR RECORDING
AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com					
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		DWG NO. C-2.139
TRACS NO. H8297 01L					OF

SURVEY NO. FINISHED PLANS DATE REVISIONS LOCATION DATE FINISHED PLANS SURVEY NO. DATE REVISIONS LOCATION DATE

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



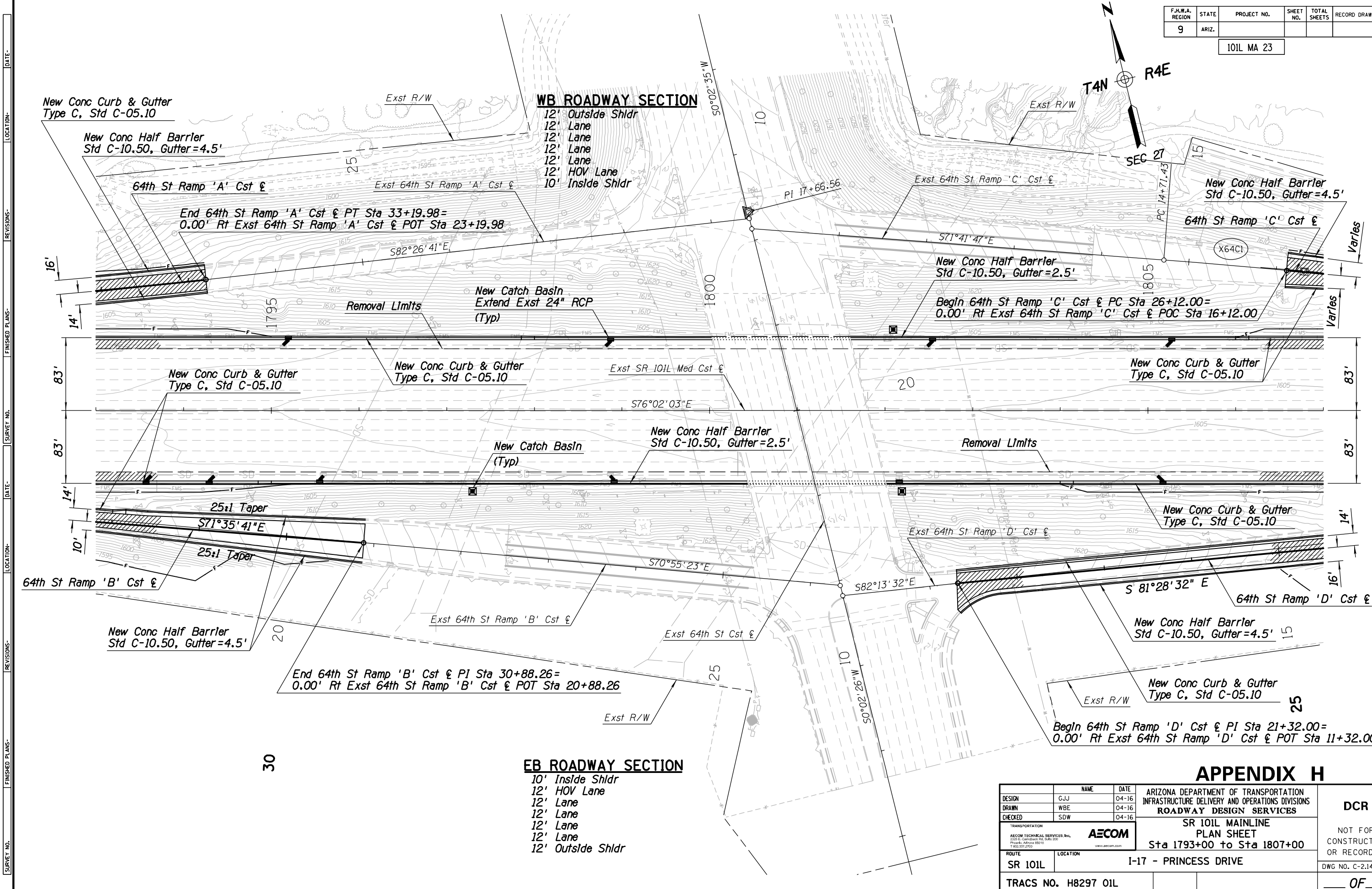
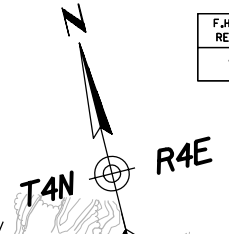
DATE: \_\_\_\_\_  
 LOCATION: \_\_\_\_\_  
 REVISIONS: \_\_\_\_\_  
 FINISHED PLANS: \_\_\_\_\_  
 SURVEY NO.: \_\_\_\_\_  
 DATE: \_\_\_\_\_  
 LOCATION: \_\_\_\_\_  
 REVISIONS: \_\_\_\_\_  
 FINISHED PLANS: \_\_\_\_\_  
 SURVEY NO.: \_\_\_\_\_

**1790 APPENDIX H**

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>	
DRAWN	WBE	DATE	04-16			
CHECKED	SDW	DATE	04-16			
TRANSPORTATION <b>AECOM</b> <small>AECOM TECHNICAL SERVICES, Inc.          2525 E. Camelback Rd., Suite 200          Phoenix, Arizona 85016          T 602.337.2700</small>				<b>SR 101L MAINLINE          PROFILE SHEET          Sta 1779+00 to Sta 1793+00</b>		
ROUTE	LOCATION	1-17 - PRINCESS DRIVE				
SR 101L						DWG NO. C-2.140
TRACS NO. H8297 01L				OF		

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



**WB ROADWAY SECTION**

- 12' Outside Shldr
- 12' Lane
- 12' Lane
- 12' Lane
- 12' HOV Lane
- 10' Inside Shldr

**EB ROADWAY SECTION**

- 10' Inside Shldr
- 12' HOV Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Outside Shldr

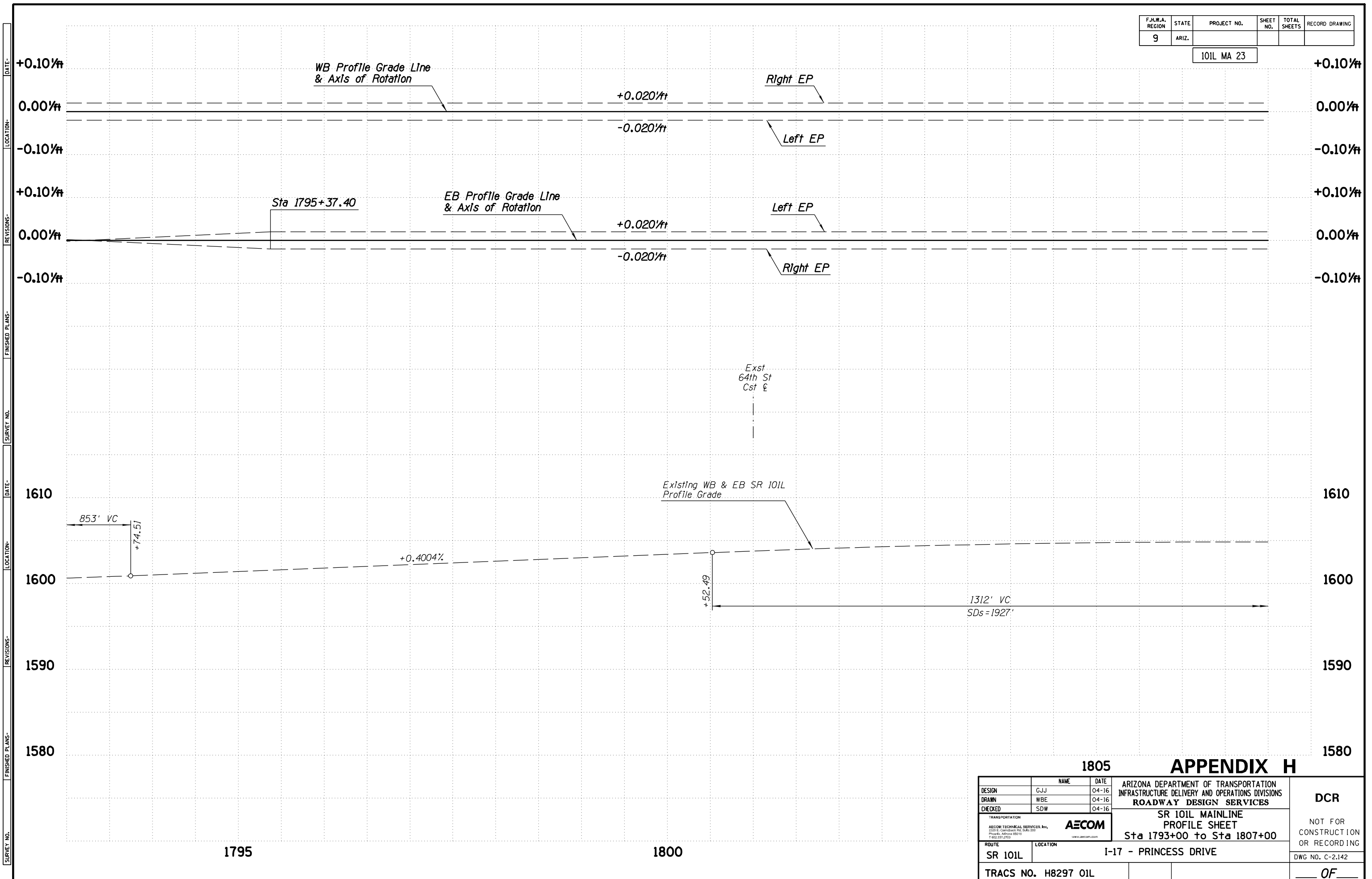
**APPENDIX H**

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>	
DRAWN	WBE	DATE	04-16			
CHECKED	SDW	DATE	04-16			
TRANSPORTATION <small>AECOM TECHNICAL SERVICES, Inc. 2255 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700</small>				<b>AECOM</b> <small>www.aecom.com</small>	SR 101L MAINLINE PLAN SHEET Sta 1793+00 to Sta 1807+00	NOT FOR CONSTRUCTION OR RECORDING DWG NO. C-2.141
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE			
TRACS NO. H8297 01L						OF

SURVEY NO. FINISHED PLANS DATE REVISIONS LOCATION DATE

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



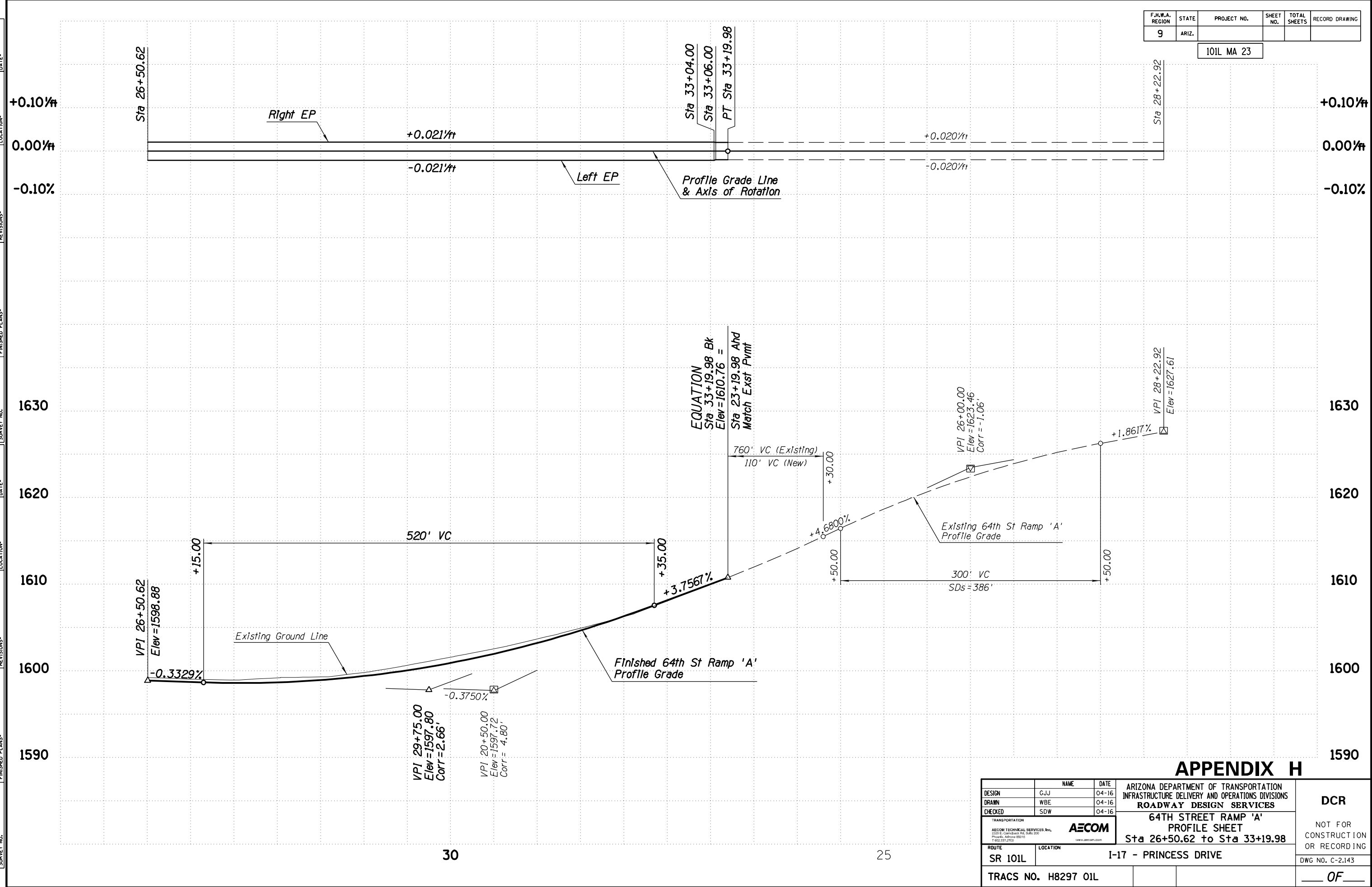
DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_ REVISIONS: \_\_\_\_\_ FINISHED PLANS: \_\_\_\_\_ SURVEY NO. \_\_\_\_\_ DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_ REVISIONS: \_\_\_\_\_ FINISHED PLANS: \_\_\_\_\_ SURVEY NO. \_\_\_\_\_

1805		<b>APPENDIX H</b>		<b>DCR</b> NOT FOR CONSTRUCTION OR RECORDING DWG NO. C-2.142 OF
DESIGN	GJJ	DATE	04-16	
DRAWN	WBE	DATE	04-16	
CHECKED	SDW	DATE	04-16	
ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES		SR 101L MAINLINE PROFILE SHEET Sta 1793+00 to Sta 1807+00		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com		<b>AECOM</b>		
ROUTE	LOCATION	I-17 - PRINCESS DRIVE		
SR 101L				
TRACS NO. H8297 01L				



F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23

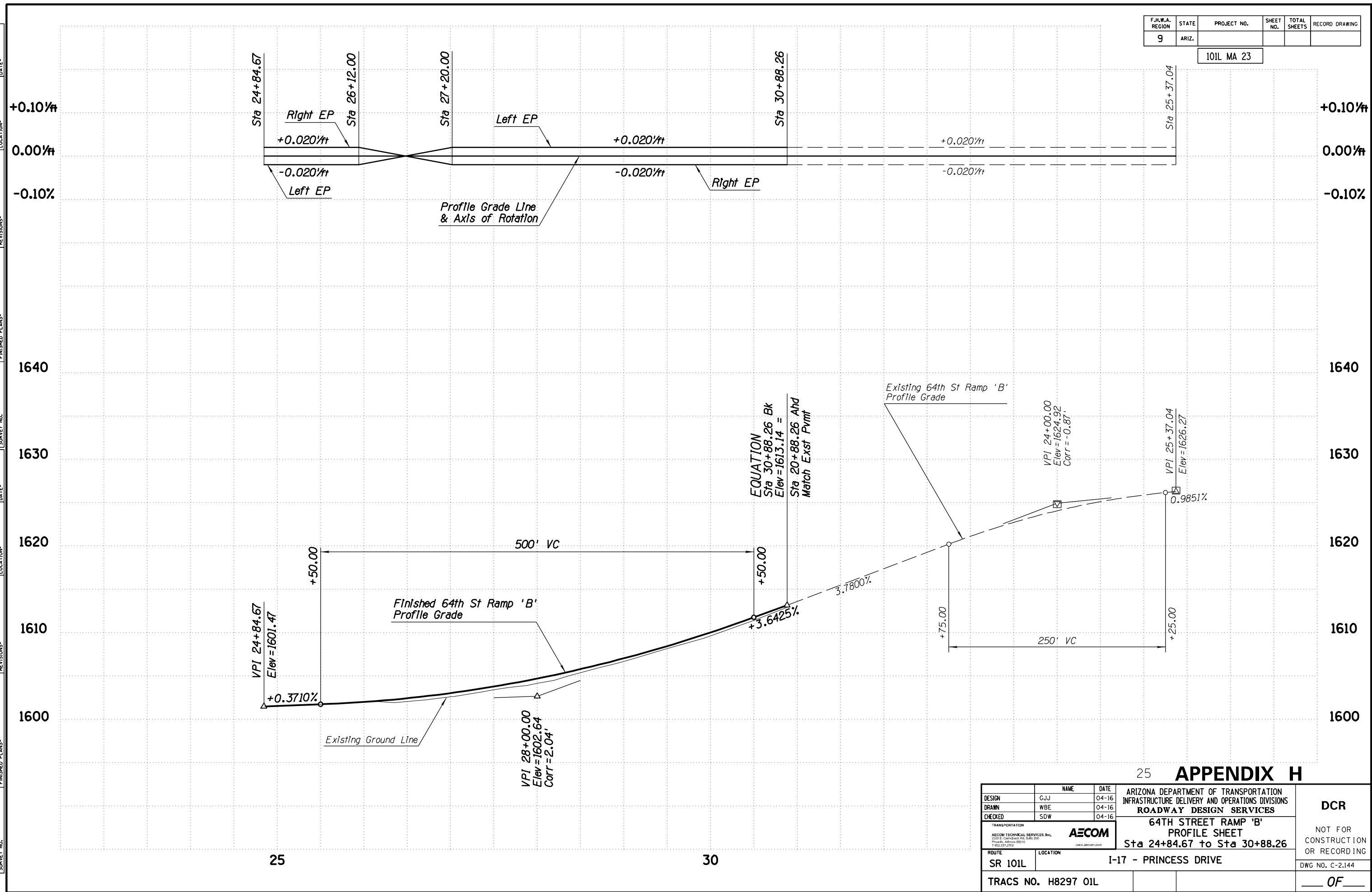


### APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com				<b>AECOM</b> 64TH STREET RAMP 'A' PROFILE SHEET Sta 26+50.62 to Sta 33+19.98	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L				DWG NO. C-2.143	
				NOT FOR CONSTRUCTION OR RECORDING	
				OF	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



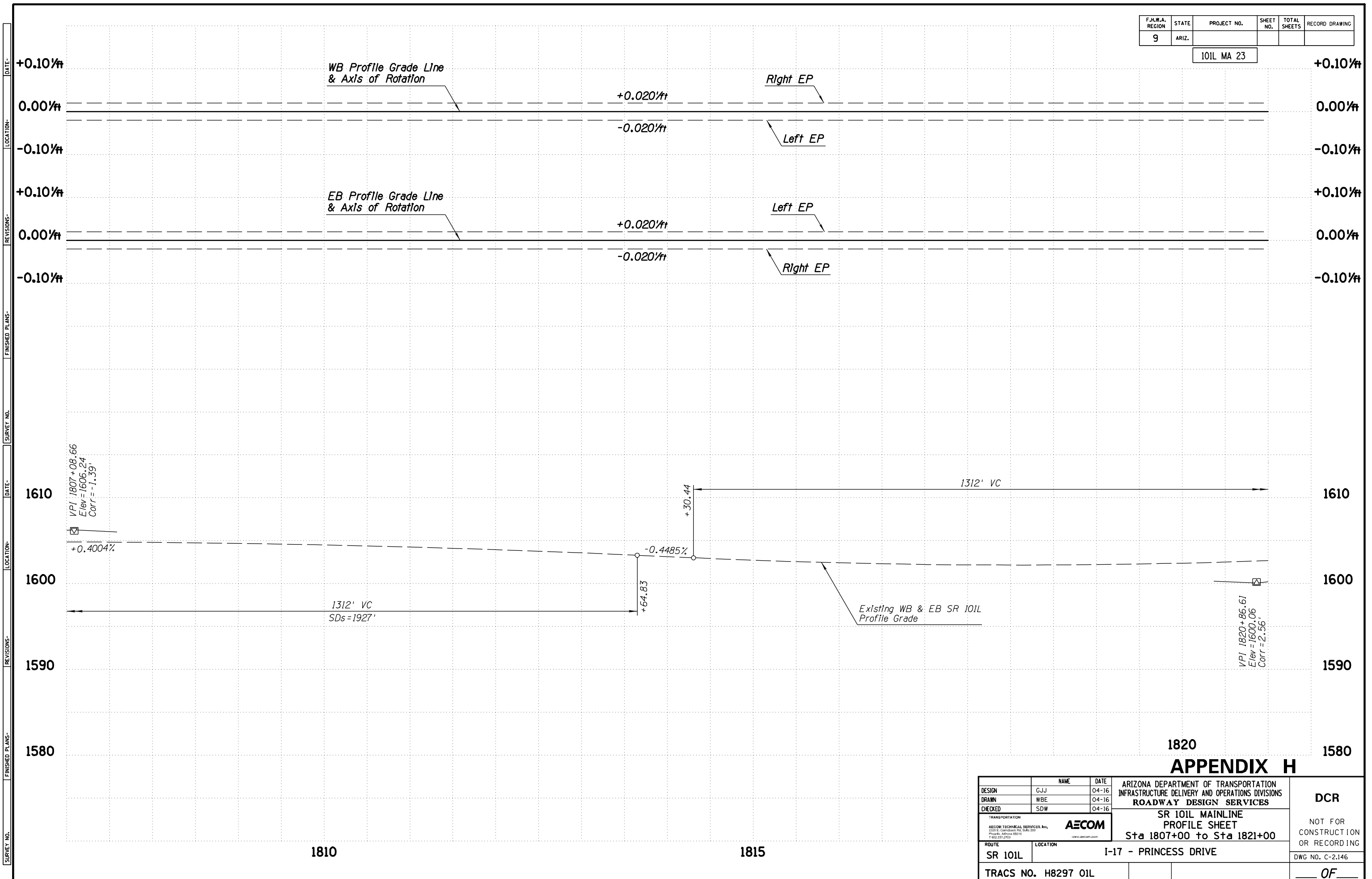
25 APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b> <b>64TH STREET RAMP 'B'</b> <b>PROFILE SHEET</b> <b>Sta 24+84.67 to Sta 30+88.26</b>	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700		<b>AECOM</b> www.aecom.com			
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L			DWG NO. C-2.144		
			OF		



F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



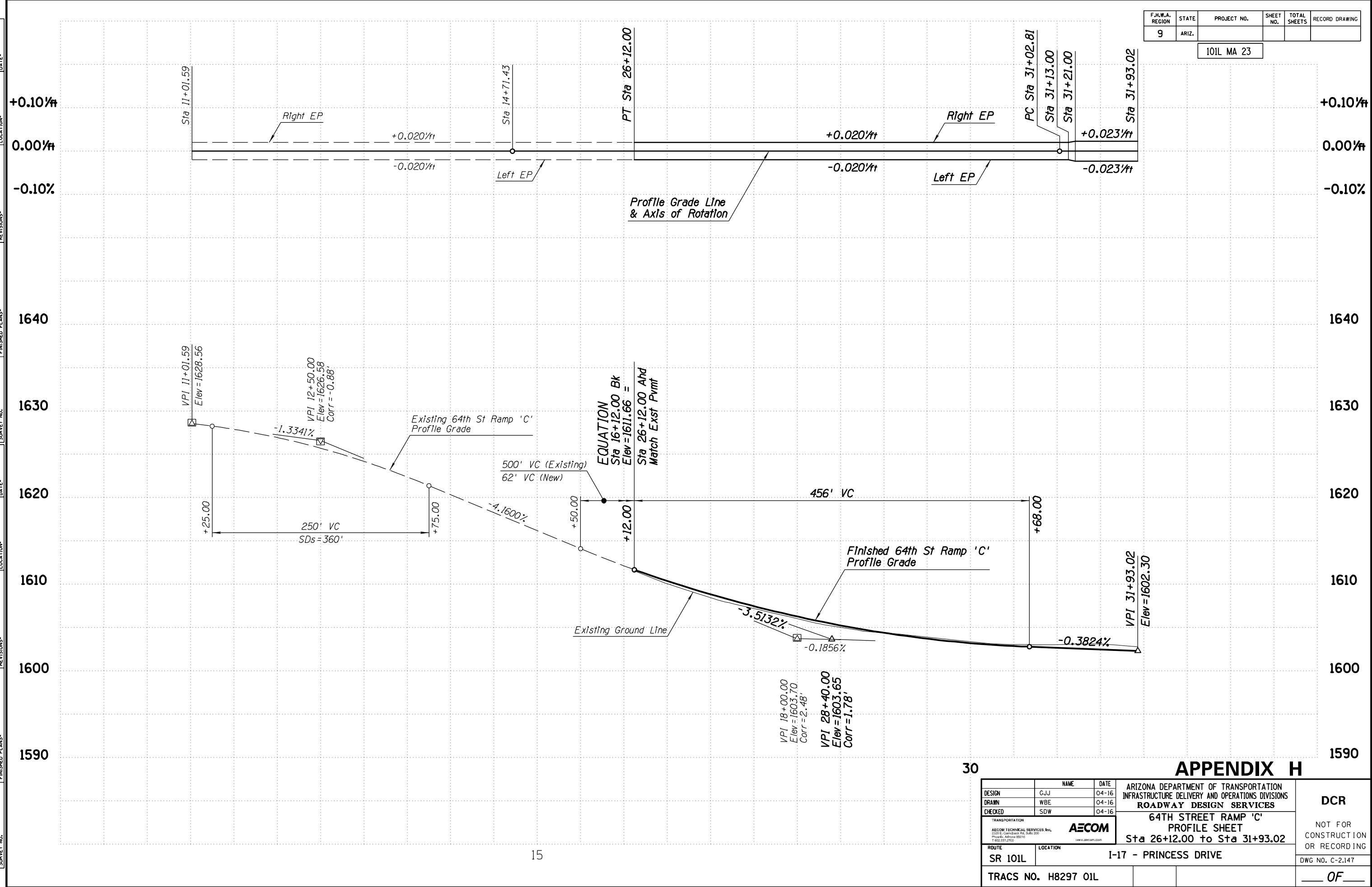
DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_ REVISIONS: \_\_\_\_\_ FINISHED PLANS: \_\_\_\_\_ SURVEY NO. \_\_\_\_\_

### APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com				SR 101L MAINLINE PROFILE SHEET Sta 1807+00 to Sta 1821+00	
ROUTE	LOCATION	I-17 - PRINCESS DRIVE			DWG NO. C-2.146
TRACS NO. H8297 01L					OF

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23

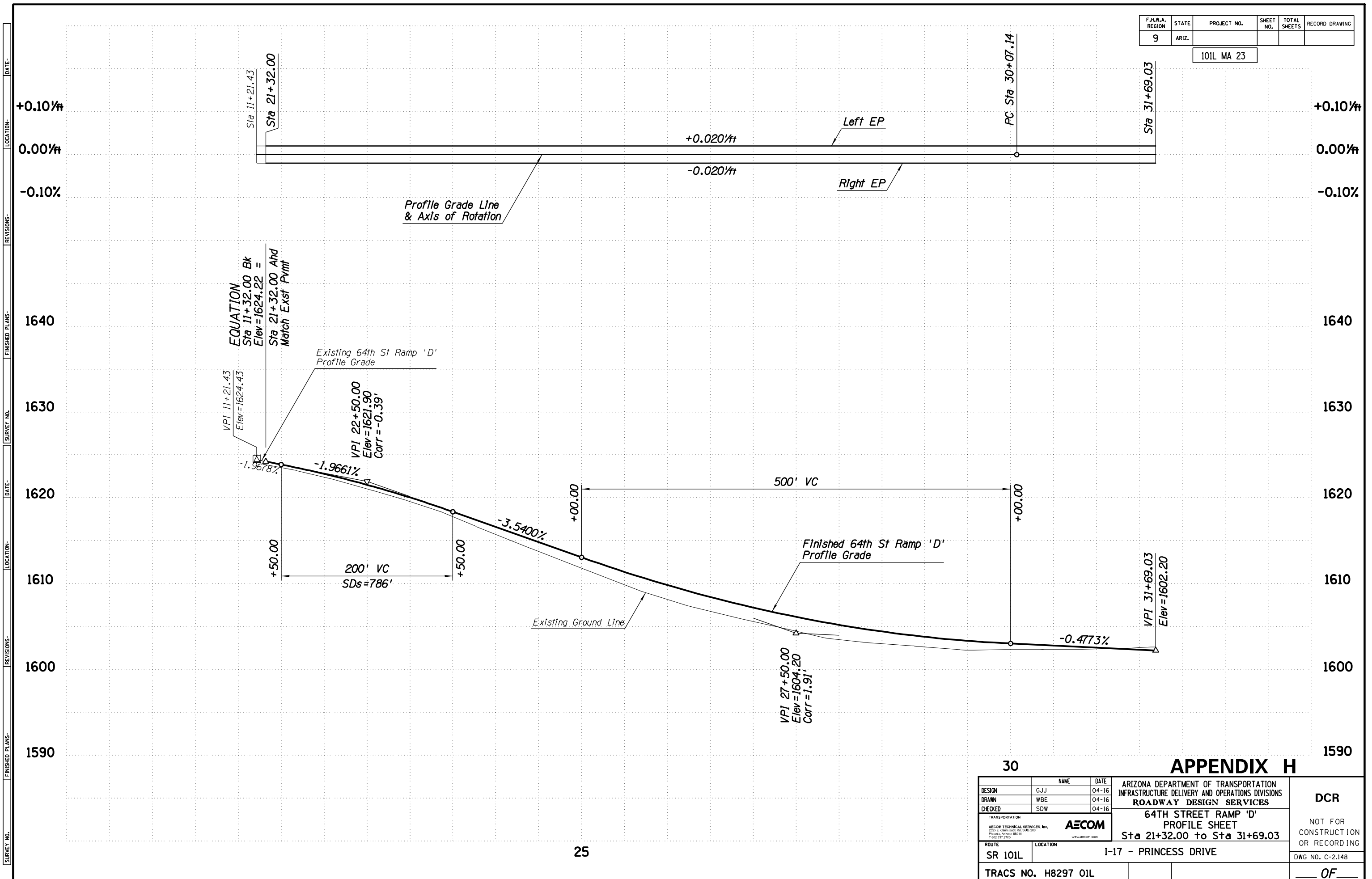


**APPENDIX H**

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
<small>TRANSPORTATION</small> <small>AECOM TECHNICAL SERVICES, Inc.</small> <small>2525 E. Camelback Rd., Suite 200</small> <small>Phoenix, Arizona 85016</small> <small>T 602.337.2700</small> <small>www.aecom.com</small>				<b>AECOM</b> <b>64TH STREET RAMP 'C'</b> <b>PROFILE SHEET</b> <b>Sta 26+12.00 to Sta 31+93.02</b>	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L				DWG NO. C-2.147	
				NOT FOR CONSTRUCTION OR RECORDING	
				OF	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE

<b>30</b>		<b>APPENDIX H</b>	
DESIGN	GJJ	DATE	04-16
DRAWN	WBE	DATE	04-16
CHECKED	SDW	DATE	04-16
TRANSPORTATION <small>AECOM TECHNICAL SERVICES, Inc.          2325 E. Camelback Rd., Suite 200          Phoenix, Arizona 85016          T 602.337.2700</small>			
ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>			
<b>64TH STREET RAMP 'D'</b> <b>PROFILE SHEET</b> <b>Sta 21+32.00 to Sta 31+69.03</b>			
ROUTE	LOCATION		
SR 101L	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L			
		NOT FOR CONSTRUCTION OR RECORDING DWG NO. C-2.148 OF	

25

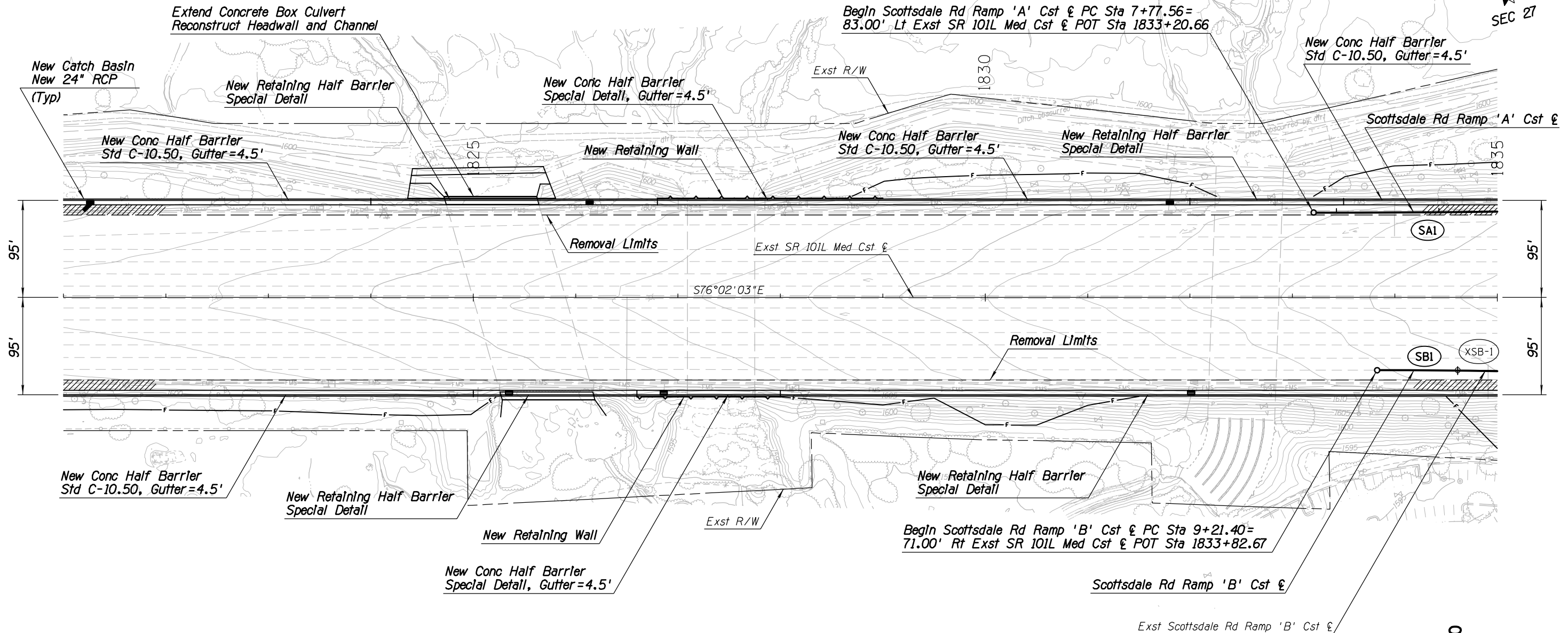
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



**WB ROADWAY SECTION**

- 12' Outside Shldr
- 12' Aux Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' HOV Lane
- 10' Inside Shldr



**EB ROADWAY SECTION**

- 10' Inside Shldr
- 12' HOV Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Aux Lane
- 12' Outside Shldr

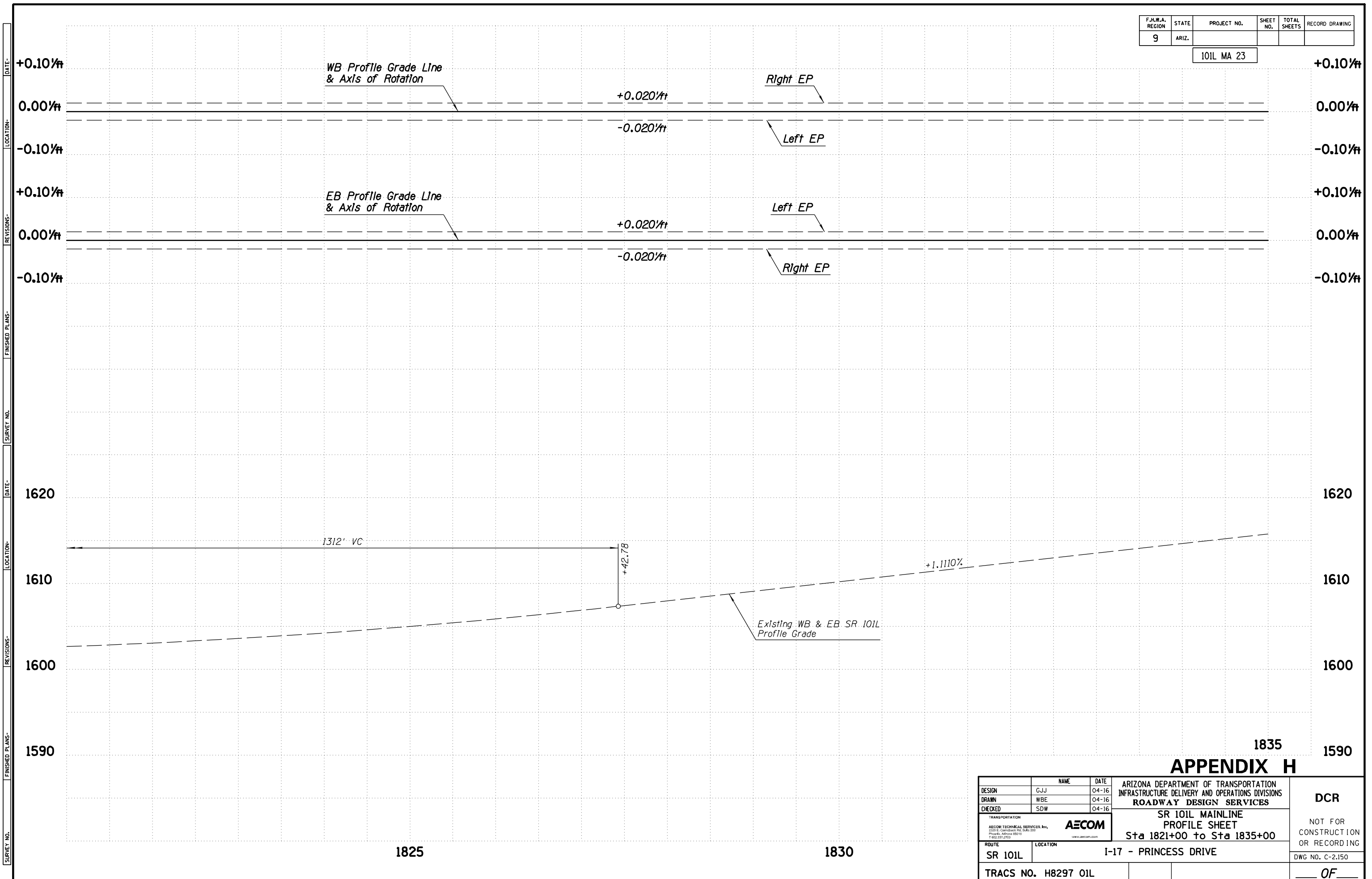
**APPENDIX H**

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION				SR 101L MAINLINE PLAN SHEET Sta 1821+00 to Sta 1835+00	NOT FOR CONSTRUCTION OR RECORDING
AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd, Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com					
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		DWG NO. C-2.149
TRACS NO. H8297 01L					OF

SURVEY NO. FINISHED PLANS REVISIONS DATE SURVEY NO. FINISHED PLANS REVISIONS DATE SURVEY NO. FINISHED PLANS REVISIONS DATE SURVEY NO. FINISHED PLANS REVISIONS DATE

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



DATE: \_\_\_\_\_  
 LOCATION: \_\_\_\_\_  
 REVISIONS: \_\_\_\_\_  
 FINISHED PLANS: \_\_\_\_\_  
 SURVEY NO.: \_\_\_\_\_  
 DATE: \_\_\_\_\_  
 LOCATION: \_\_\_\_\_  
 REVISIONS: \_\_\_\_\_  
 FINISHED PLANS: \_\_\_\_\_  
 SURVEY NO.: \_\_\_\_\_

### APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR	
DRAWN	WBE	DATE	04-16			
CHECKED	SDW	DATE	04-16			
TRANSPORTATION <small>AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700</small>				<b>AECOM</b> <small>www.aecom.com</small>	SR 101L MAINLINE PROFILE SHEET Sta 1821+00 to Sta 1835+00	NOT FOR CONSTRUCTION OR RECORDING
ROUTE	LOCATION	I-17 - PRINCESS DRIVE				
SR 101L			TRACS NO. H8297 01L		OF _____	



**WB ROADWAY SECTION**

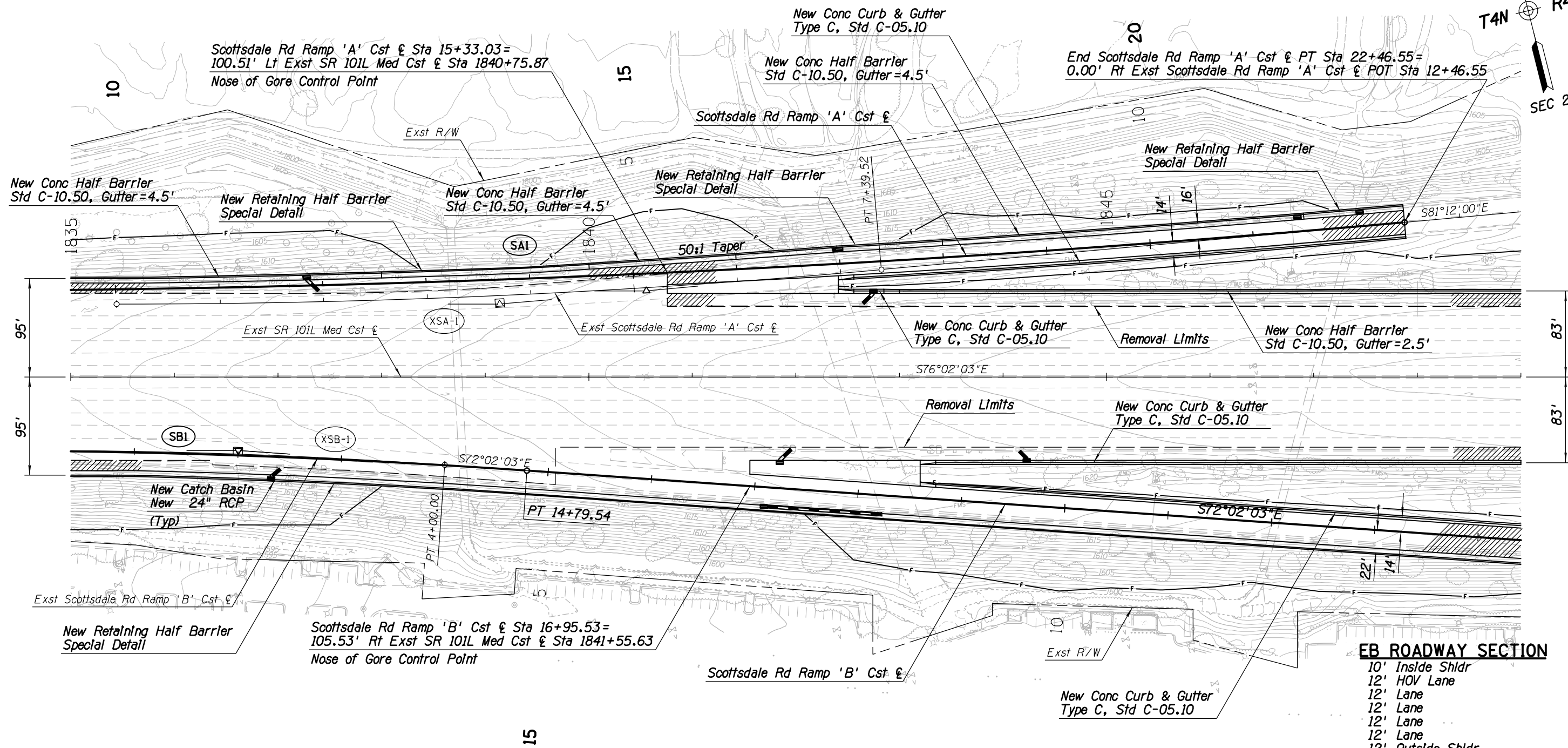
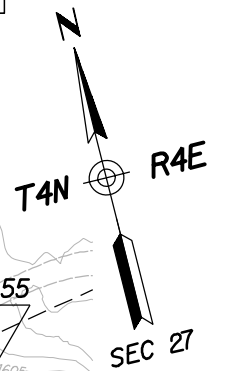
- 12' Outside Shldr
- 12' Aux Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' HOV Lane
- 10' Inside Shldr

**WB ROADWAY SECTION**

- 12' Outside Shldr
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' HOV Lane
- 10' Inside Shldr

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

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**EB ROADWAY SECTION**

- 10' Inside Shldr
- 12' HOV Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Aux Lane
- 12' Outside Shldr

**EB ROADWAY SECTION**

- 10' Inside Shldr
- 12' HOV Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Outside Shldr

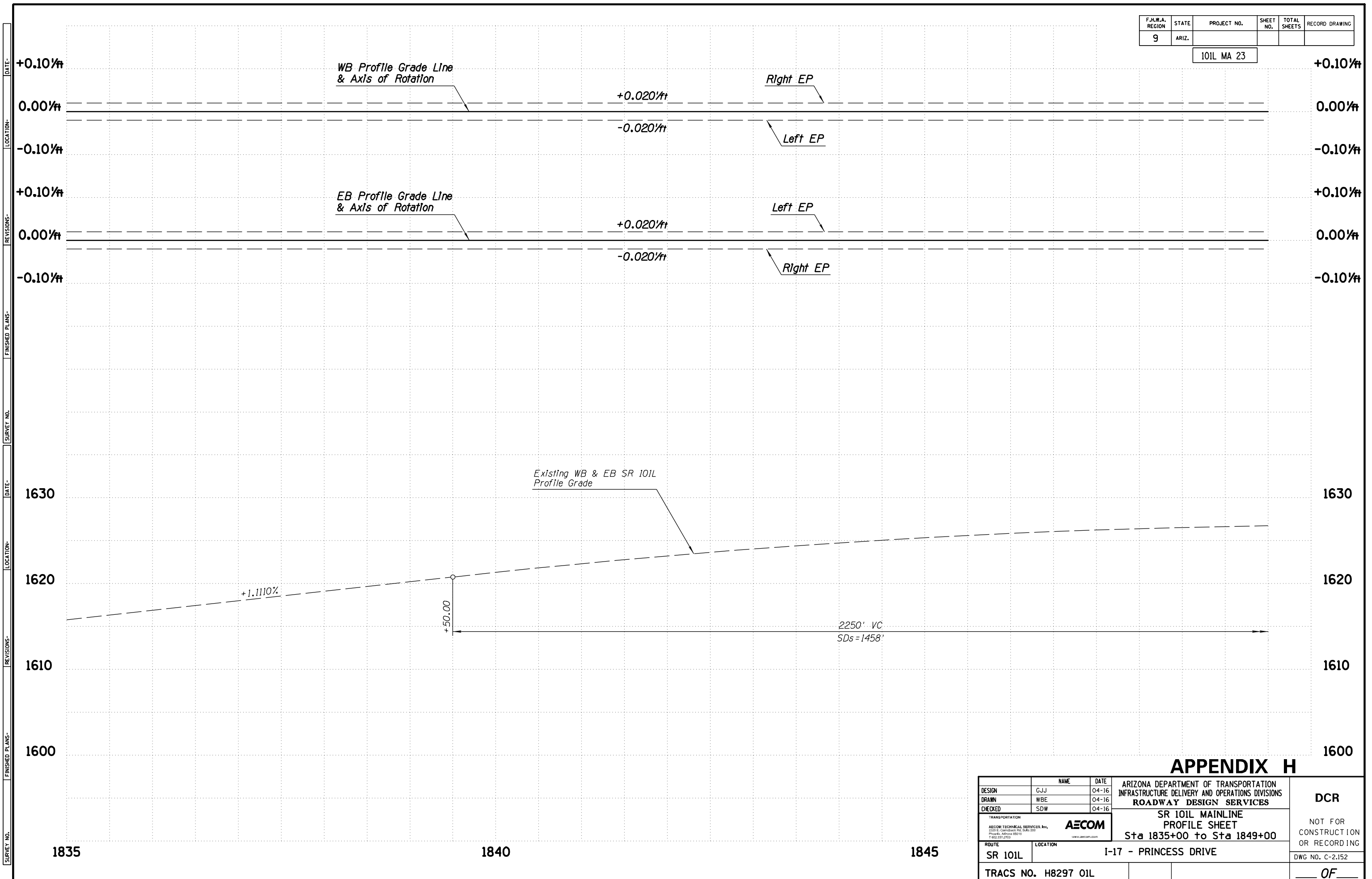
**APPENDIX H**

DESIGN	NAME	DATE	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DESIGN	GJJ	04-16		
DRAWN	WBE	04-16		
CHECKED	SDW	04-16	SR 101L MAINLINE PLAN SHEET Sta 1835+00 to Sta 1849+00	NOT FOR CONSTRUCTION OR RECORDING
TRANSPORTATION				
AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com			SR 101L LOCATION I-17 - PRINCESS DRIVE	DWG NO. C-2.151
ROUTE SR 101L				
TRACS NO. H8297 01L			OF	

SURVEY NO. FINISHED PLANS DATE REVISIONS LOCATION DATE FINISHED PLANS SURVEY NO.

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



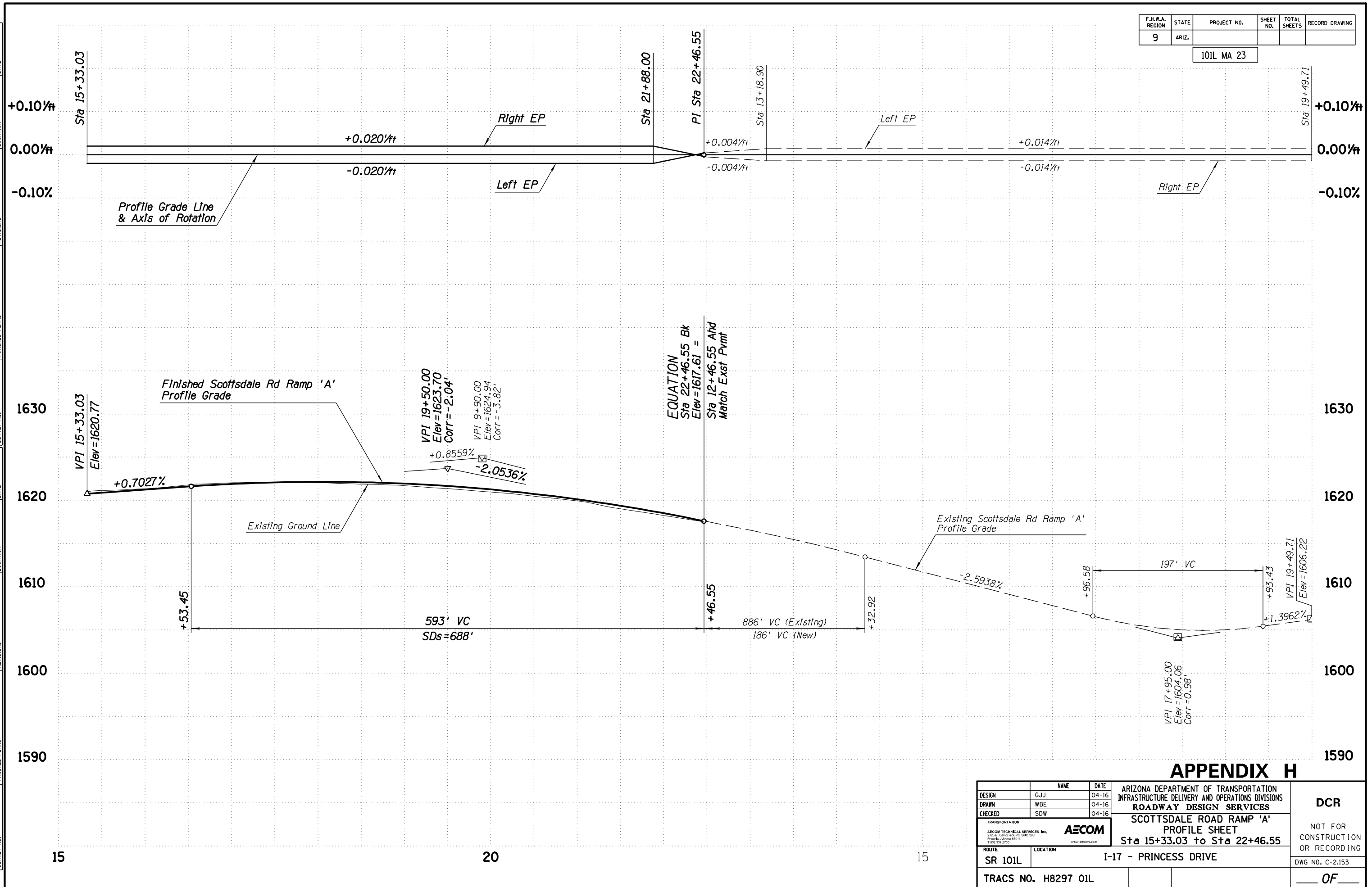
DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_ REVISIONS: \_\_\_\_\_ FINISHED PLANS: \_\_\_\_\_ SURVEY NO. \_\_\_\_\_ DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_ REVISIONS: \_\_\_\_\_ FINISHED PLANS: \_\_\_\_\_ SURVEY NO. \_\_\_\_\_

### APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION <small>AECOM TECHNICAL SERVICES, Inc. 2555 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700</small>				<b>AECOM</b> <small>www.aecom.com</small>	SR 101L MAINLINE PROFILE SHEET Sta 1835+00 to Sta 1849+00
ROUTE	LOCATION	I-17 - PRINCESS DRIVE			
SR 101L				DWG NO. C-2.152	NOT FOR CONSTRUCTION OR RECORDING
TRACS NO. H8297 01L					OF

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23

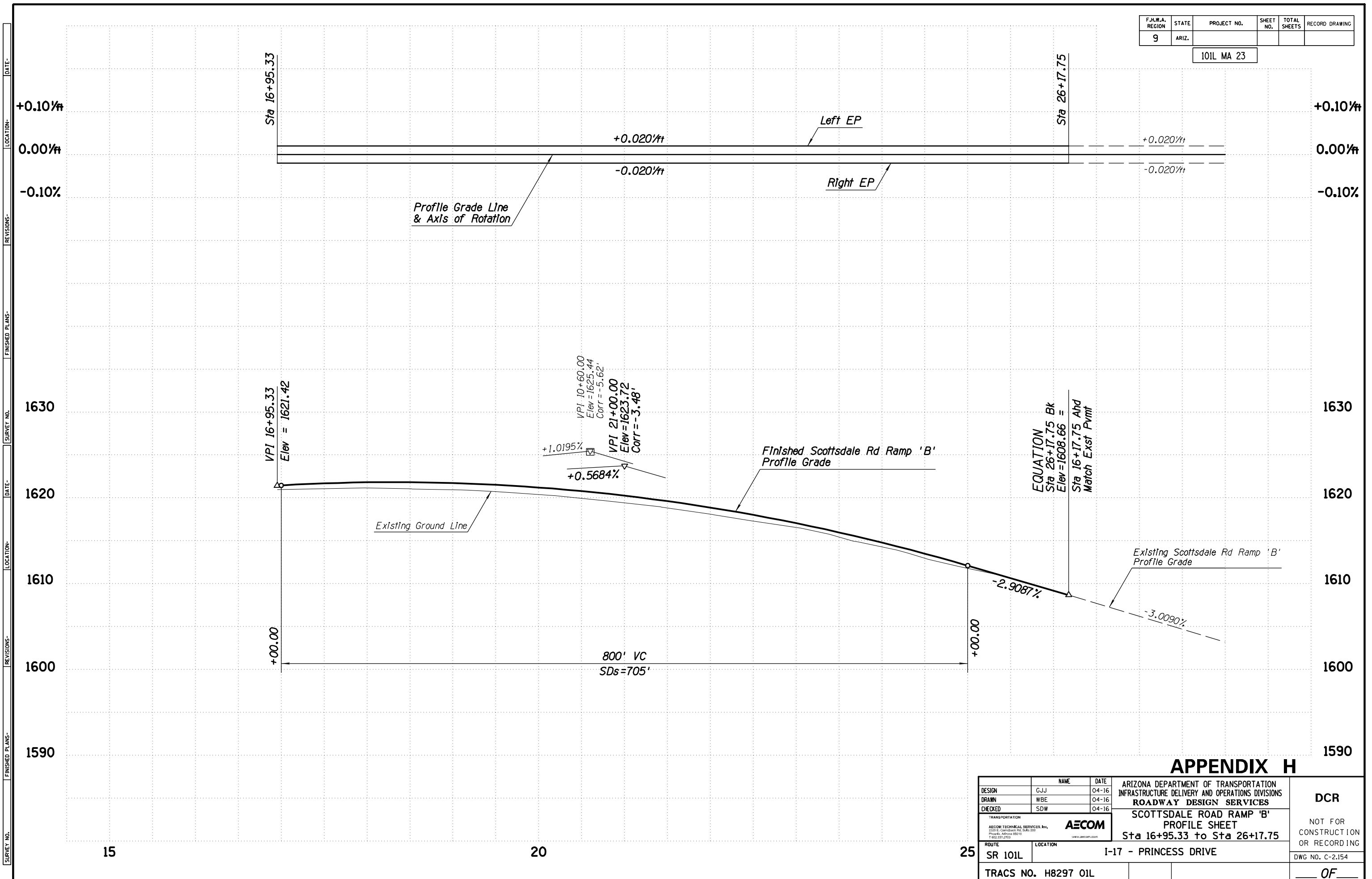


### APPENDIX H

DESIGN	NAME	DATE	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b> SCOTTSDALE ROAD RAMP 'A' PROFILE SHEET Sta 15+33.03 to Sta 22+46.55	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING  DWG NO. C-2.153 OF
DESIGN	GJJ	04-16		
DRAWN	WBE	04-16		
CHECKED	SDW	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 <b>AECOM</b> www.aecom.com				
ROUTE	LOCATION			
SR 101L	I-17 - PRINCESS DRIVE			
TRACS NO. H8297 01L				

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



### APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION <small>AECOM TECHNICAL SERVICES, Inc. 2555 E. Camelback Rd, Suite 200 Phoenix, Arizona 85016 T 602.337.2700</small>				<b>AECOM</b> <b>SCOTTSDALE ROAD RAMP 'B'</b> <b>PROFILE SHEET</b> <b>Sta 16+95.33 to Sta 26+17.75</b>	
ROUTE	LOCATION	I-17 - PRINCESS DRIVE			
SR 101L				DWG NO. C-2.154	
TRACS NO. H8297 01L				OF	

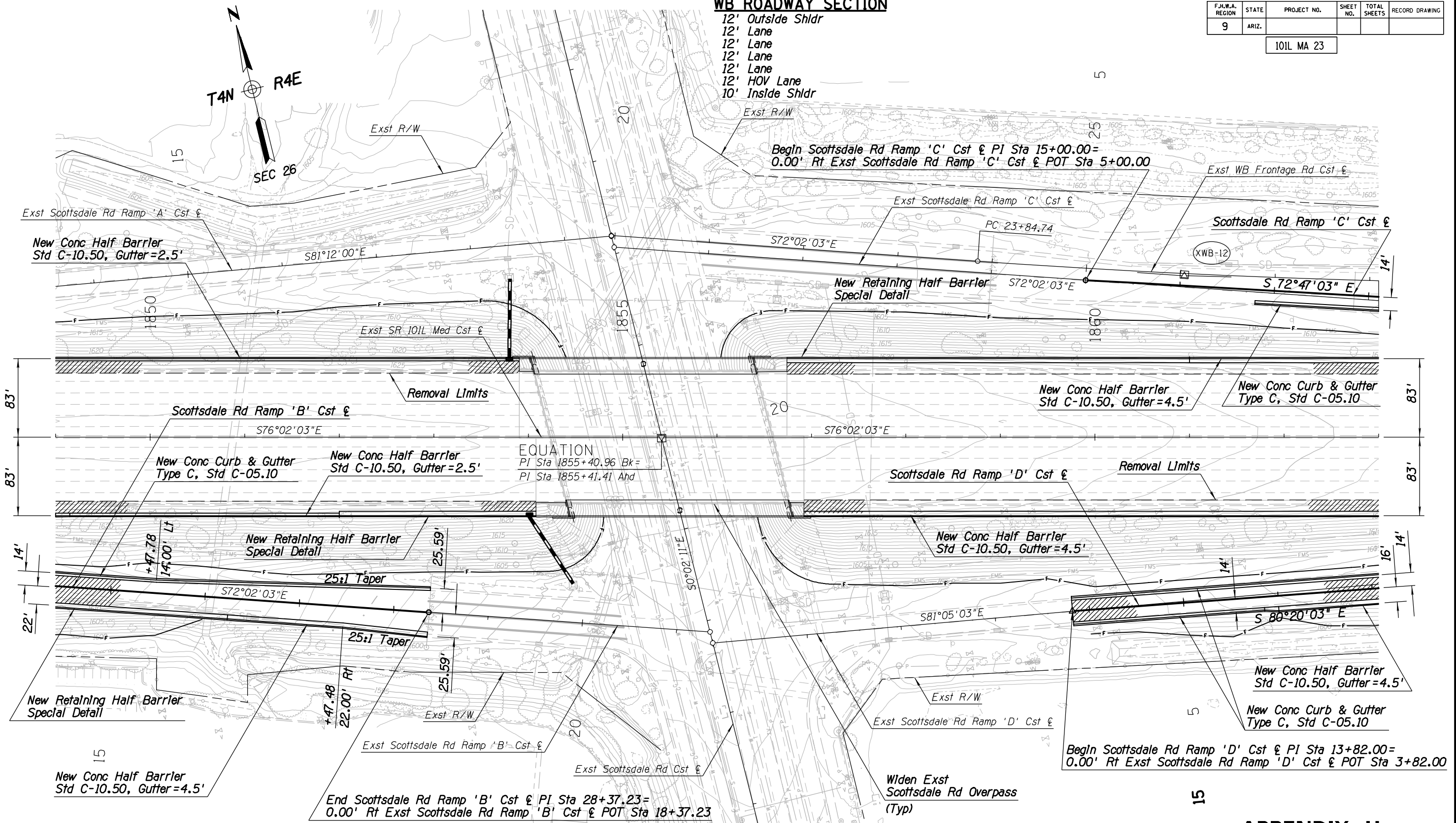
SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23

**WB ROADWAY SECTION**

- 12' Outside Shldr
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' HOV Lane
- 10' Inside Shldr



**EB ROADWAY SECTION**

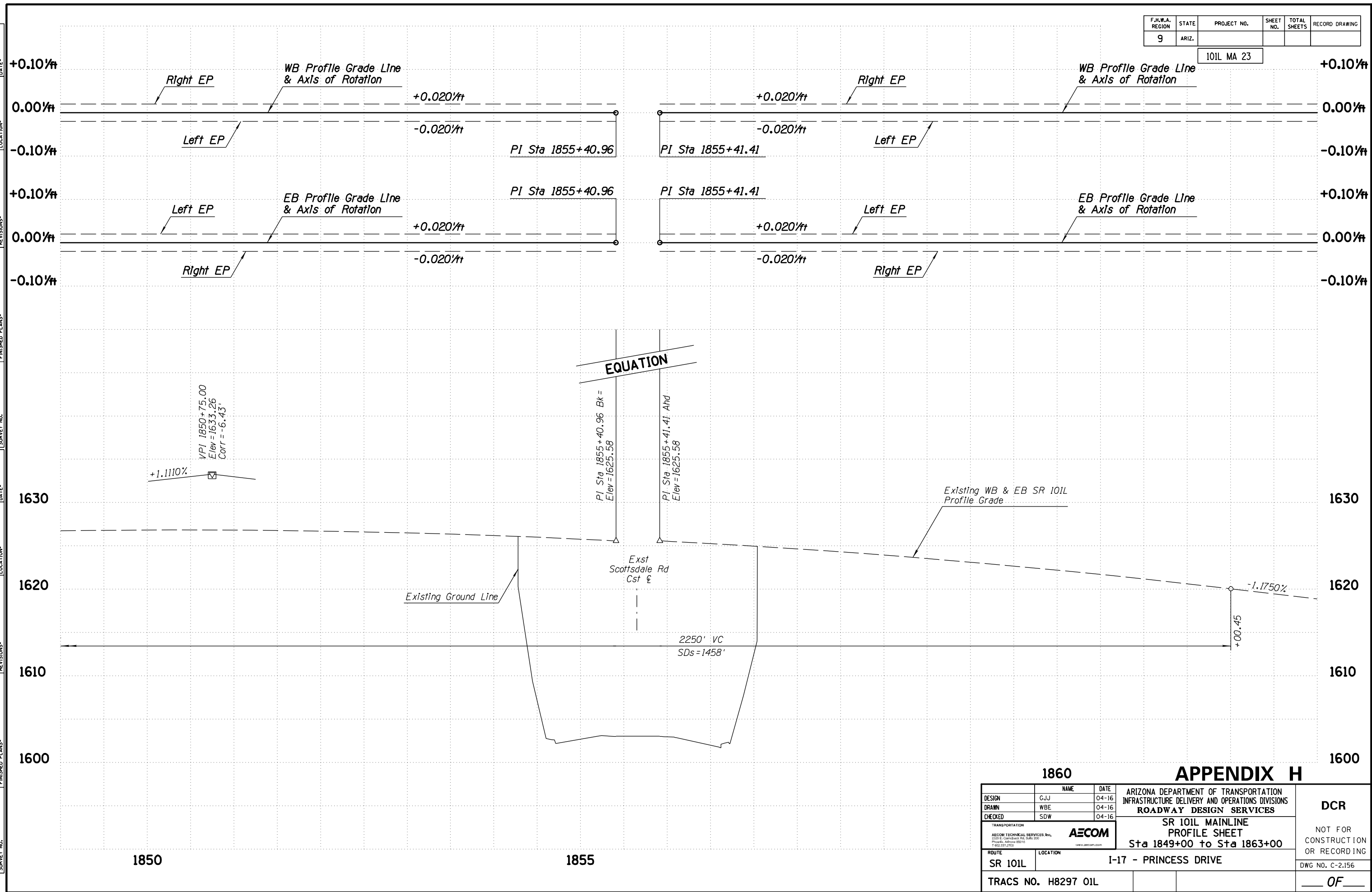
- 10' Inside Shldr
- 12' HOV Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Outside Shldr

**APPENDIX H**

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>	
DRAWN	WBE	DATE	04-16			
CHECKED	SDW	DATE	04-16			
TRANSPORTATION <small>AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd, Suite 200 Phoenix, Arizona 85016 T 602.337.2700</small>				<b>AECOM</b> <small>www.aecom.com</small>	SR 101L MAINLINE PLAN SHEET Sta 1849+00 to Sta 1863+00	NOT FOR CONSTRUCTION OR RECORDING DWG NO. C-2.155
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE			
TRACS NO. H8297 01L						OF

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_ REVISIONS: \_\_\_\_\_ FINISHED PLANS: \_\_\_\_\_ SURVEY NO.: \_\_\_\_\_ DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_ REVISIONS: \_\_\_\_\_ FINISHED PLANS: \_\_\_\_\_ SURVEY NO.: \_\_\_\_\_

1860		<b>APPENDIX H</b>		<b>DCR</b> NOT FOR CONSTRUCTION OR RECORDING DWG NO. C-2.156 OF
DESIGN	GJJ	DATE	04-16	
DRAWN	WBE	DATE	04-16	
CHECKED	SDW	DATE	04-16	
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700		<b>AECOM</b> www.aecom.com		
ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>				
<b>SR 101L MAINLINE          PROFILE SHEET          Sta 1849+00 to Sta 1863+00</b>				
ROUTE	LOCATION			
SR 101L	I-17 - PRINCESS DRIVE			
TRACS NO. H8297 01L				

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23

+0.10%ft  
0.00%ft  
-0.10%ft

+0.10%ft  
0.00%ft  
-0.10%ft

WB Profile Grade Line  
& Axis of Rotation

Sta 25+32.63

Right EP

+0.020%ft

Left EP

-0.020%ft

1620

1620

1610

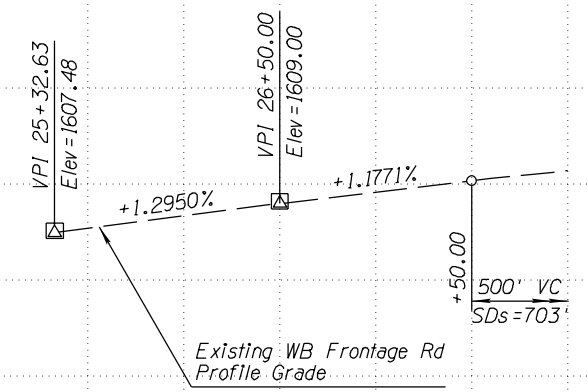
1610

1600

1600

1590

1590



25

**APPENDIX H**

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
<small>TRANSPORTATION</small> <small>AECOM TECHNICAL SERVICES, Inc.</small> <small>2525 E. Camelback Rd., Suite 200</small> <small>Phoenix, Arizona 85016</small> <small>T 602.337.2700</small> <small>www.aecom.com</small>				<b>AECOM</b> <b>EXST WESTBOUND FRONTAGE RD</b> <b>PROFILE SHEET</b> <b>Sta 19+96.10 to Sta 28+00</b>	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L				DWG NO. C-2.157	
				NOT FOR CONSTRUCTION OR RECORDING	
				OF	

20

DATE: LOCATION: REVISIONS: FINISHED PLANS: SURVEY NO. DATE: LOCATION: REVISIONS: FINISHED PLANS: SURVEY NO.

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

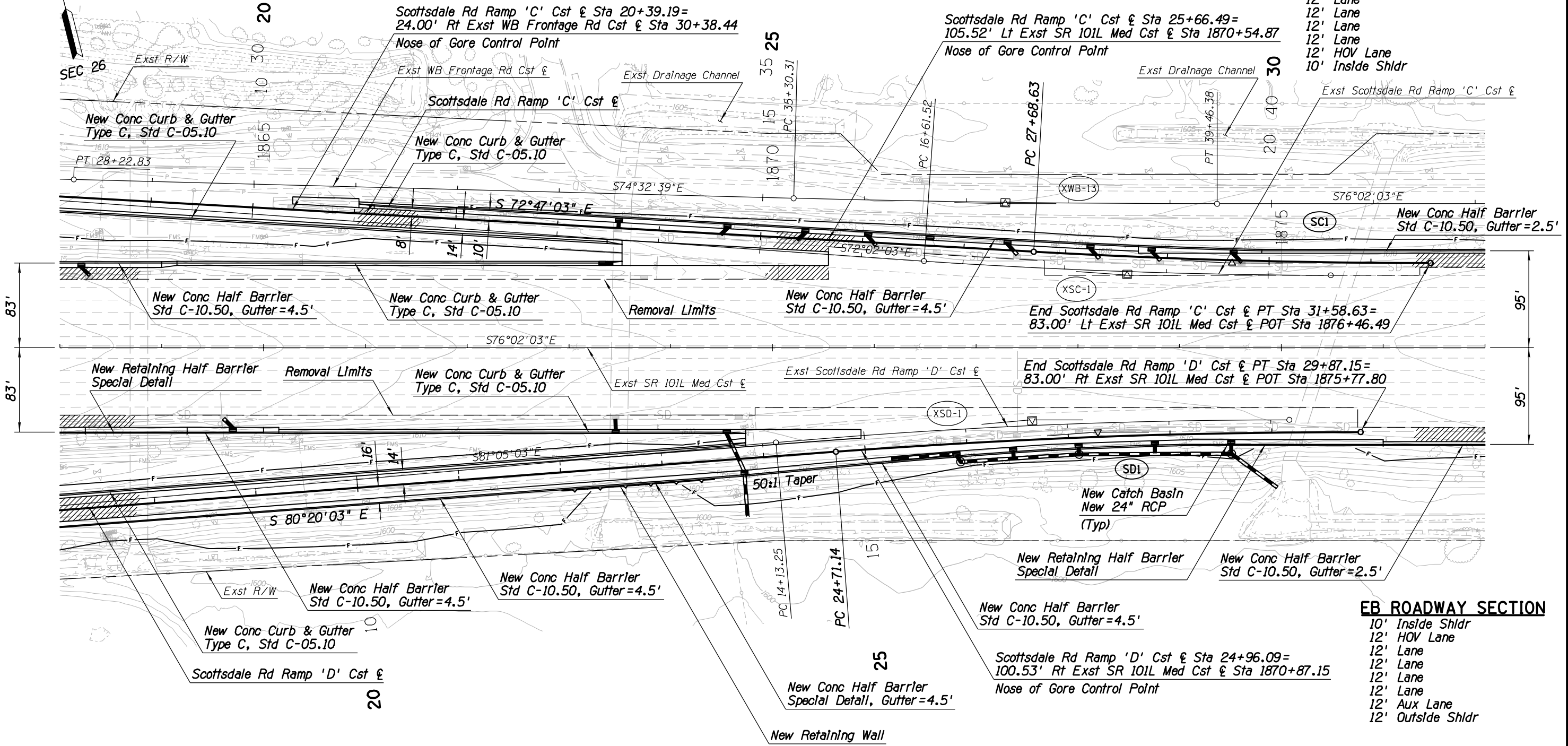
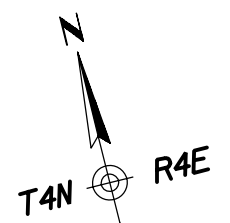
101L MA 23

**WB ROADWAY SECTION**

- 12' Outside Shldr
- 12' Aux Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' HOV Lane
- 10' Inside Shldr

**WB ROADWAY SECTION**

- 12' Outside Shldr
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' HOV Lane
- 10' Inside Shldr



**EB ROADWAY SECTION**

- 10' Inside Shldr
- 12' HOV Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Aux Lane
- 12' Outside Shldr

**EB ROADWAY SECTION**

- 10' Inside Shldr
- 12' HOV Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Outside Shldr

**APPENDIX H**

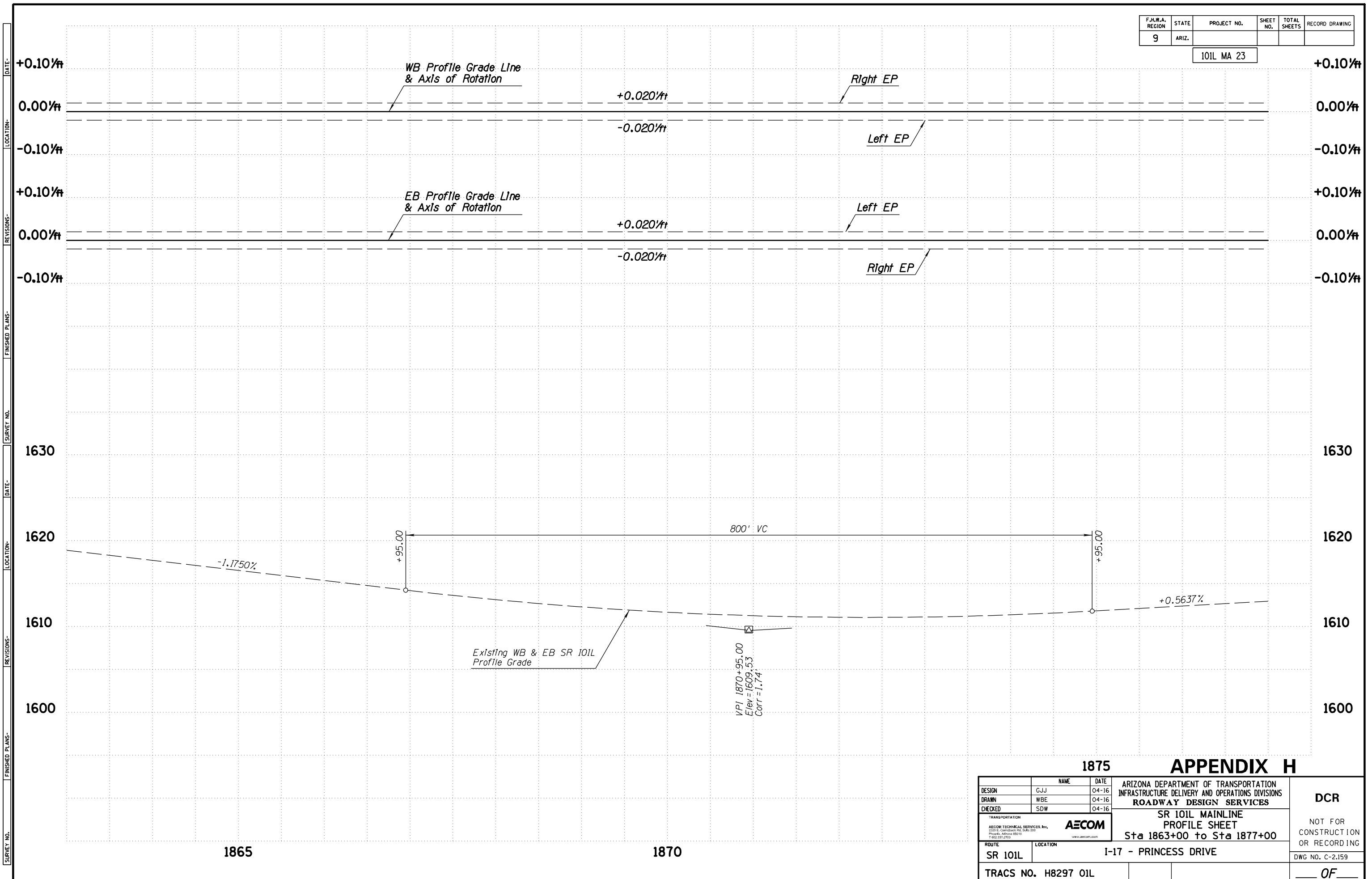
DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION				<b>AECOM</b>	SR 101L MAINLINE PLAN SHEET Sta 1863+00 to Sta 1877+00
AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700					
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		DWG NO. C-2.158
TRACS NO. H8297 01L					OF

REVISIONS: \_\_\_\_\_ DATE: \_\_\_\_\_  
 FINISHED PLANS: \_\_\_\_\_ SURVEY NO.: \_\_\_\_\_  
 REVISIONS: \_\_\_\_\_ DATE: \_\_\_\_\_  
 FINISHED PLANS: \_\_\_\_\_ SURVEY NO.: \_\_\_\_\_  
 REVISIONS: \_\_\_\_\_ DATE: \_\_\_\_\_  
 FINISHED PLANS: \_\_\_\_\_ SURVEY NO.: \_\_\_\_\_



F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



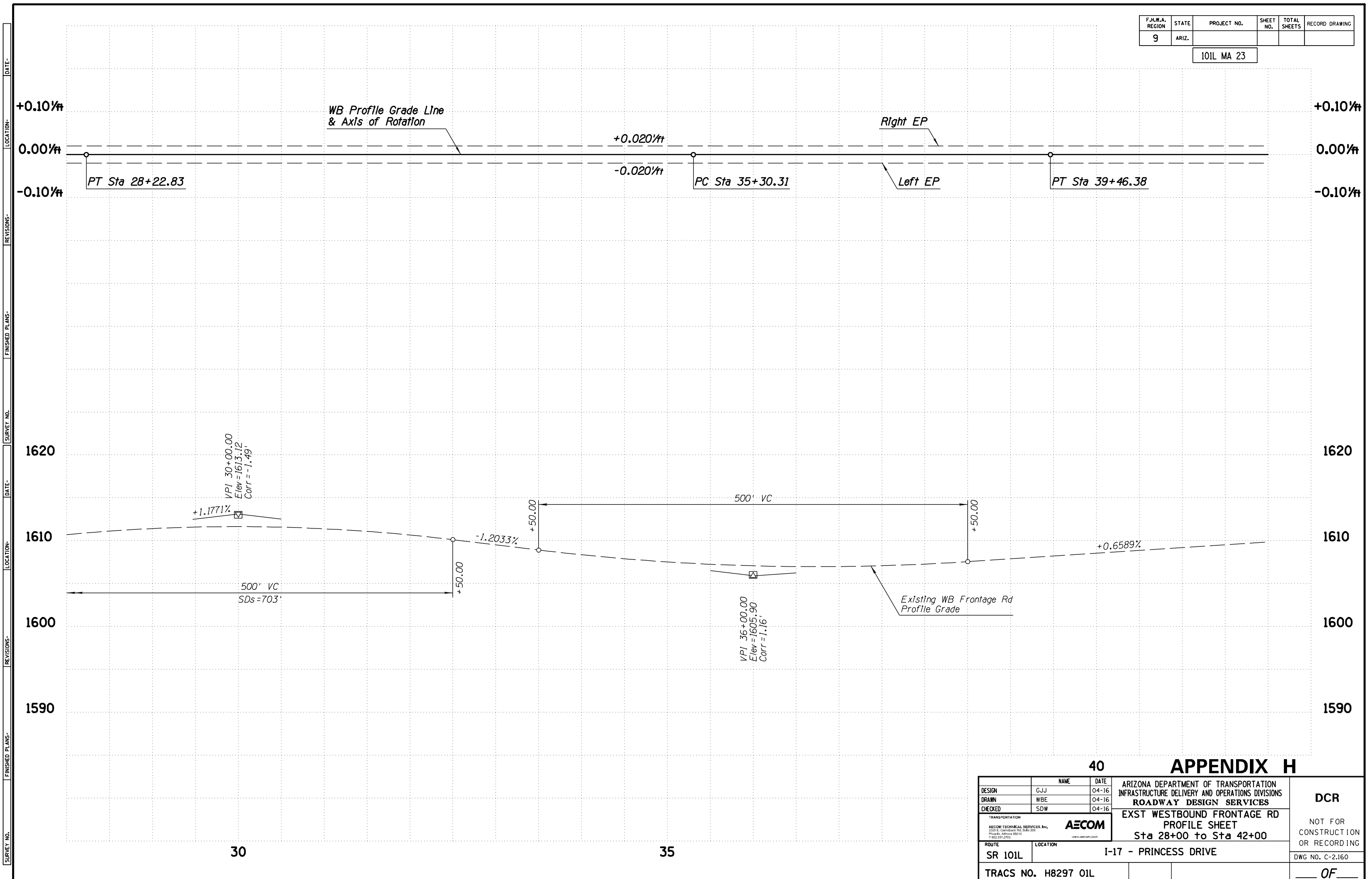
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1875 **APPENDIX H**

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com				<b>AECOM</b> SR 101L MAINLINE PROFILE SHEET Sta 1863+00 to Sta 1877+00	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		DWG NO. C-2.159
TRACS NO. H8297 01L				NOT FOR CONSTRUCTION OR RECORDING	
				OF	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23

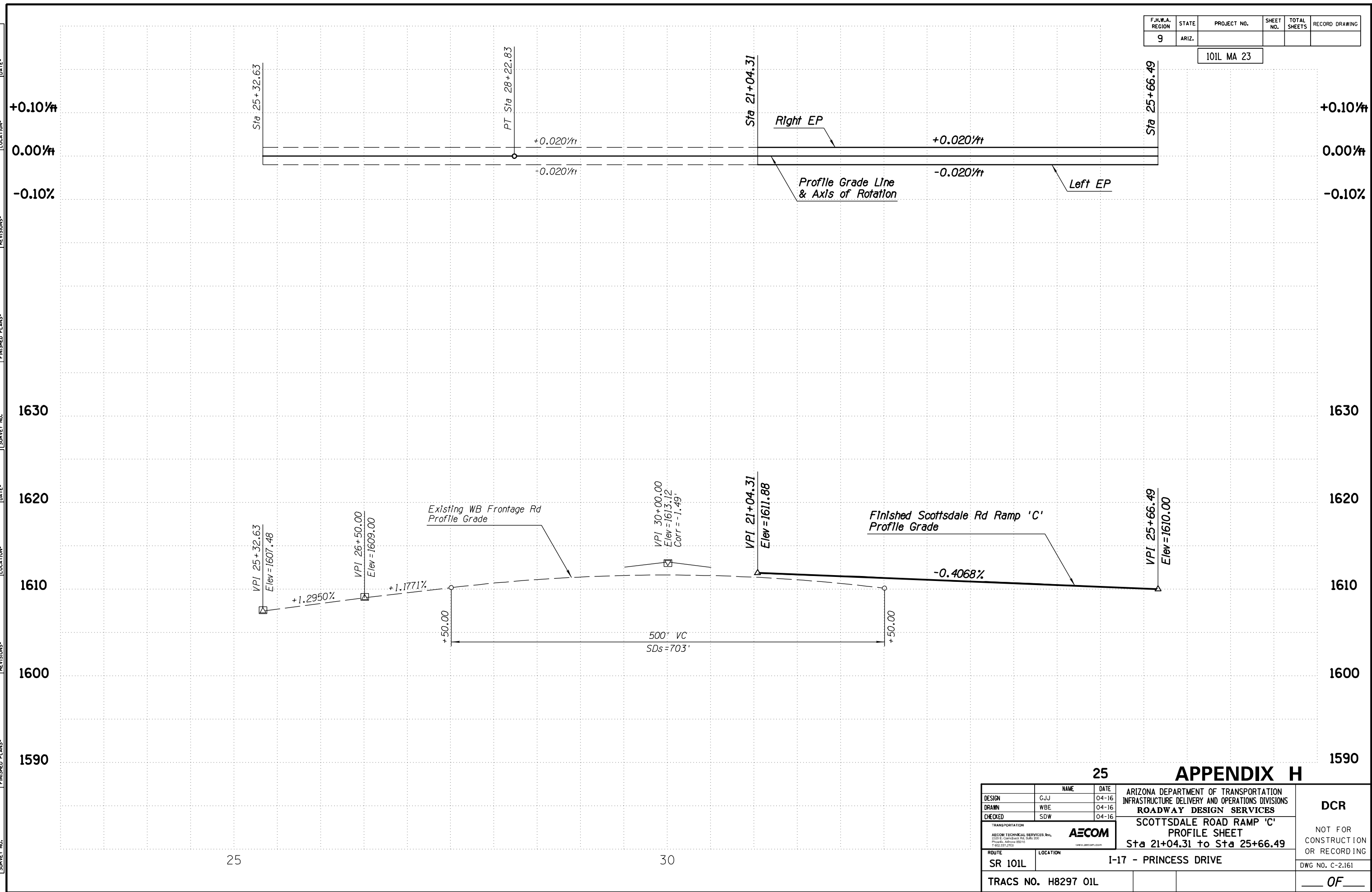


DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_ REVISIONS: \_\_\_\_\_ FINISHED PLANS: \_\_\_\_\_ SURVEY NO. \_\_\_\_\_ DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_ REVISIONS: \_\_\_\_\_ FINISHED PLANS: \_\_\_\_\_ SURVEY NO. \_\_\_\_\_

40		<b>APPENDIX H</b>		<b>DCR</b> NOT FOR CONSTRUCTION OR RECORDING DWG NO. C-2.160 OF _____
DESIGN	GJJ	DATE	04-16	
DRAWN	WBE	DATE	04-16	
CHECKED	SDW	DATE	04-16	
TRANSPORTATION		AECOM		
AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700		ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES		
ROUTE		LOCATION		
SR 101L		I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L				

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



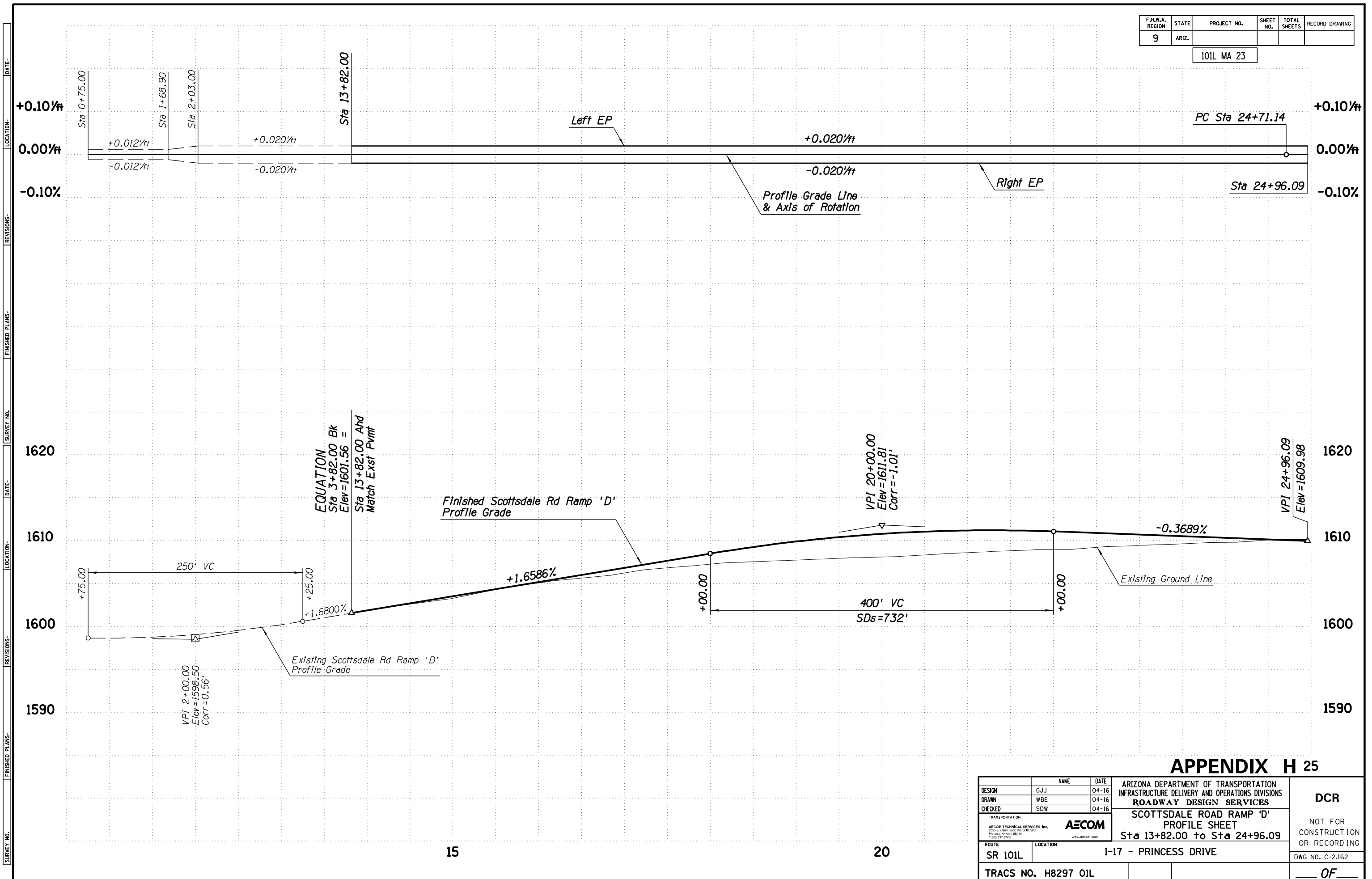
SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE

**25 APPENDIX H**

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b> SCOTTSDALE ROAD RAMP 'C' <b>PROFILE SHEET</b> Sta 21+04.31 to Sta 25+66.49	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING
DRAWN	WBE	04-16			
CHECKED	SDW	04-16			
<small>TRANSPORTATION</small> <small>AECOM TECHNICAL SERVICES, Inc.</small> <small>2525 E. Camelback Rd., Suite 200</small> <small>Phoenix, Arizona 85016</small> <small>T 602.337.2700</small> <small>www.aecom.com</small>		<b>AECOM</b>			
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L				DWG NO. C-2.161	
				OF	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



**APPENDIX H 25**

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd, Suite 200 Phoenix, Arizona 85016 T 602.337.2700 <b>AECOM</b>				<b>SCOTTSDALE ROAD RAMP 'D'</b> <b>PROFILE SHEET</b> <b>Sta 13+82.00 to Sta 24+96.09</b>	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L				DWG NO. C-2.162	
				NOT FOR CONSTRUCTION OR RECORDING	
				OF	

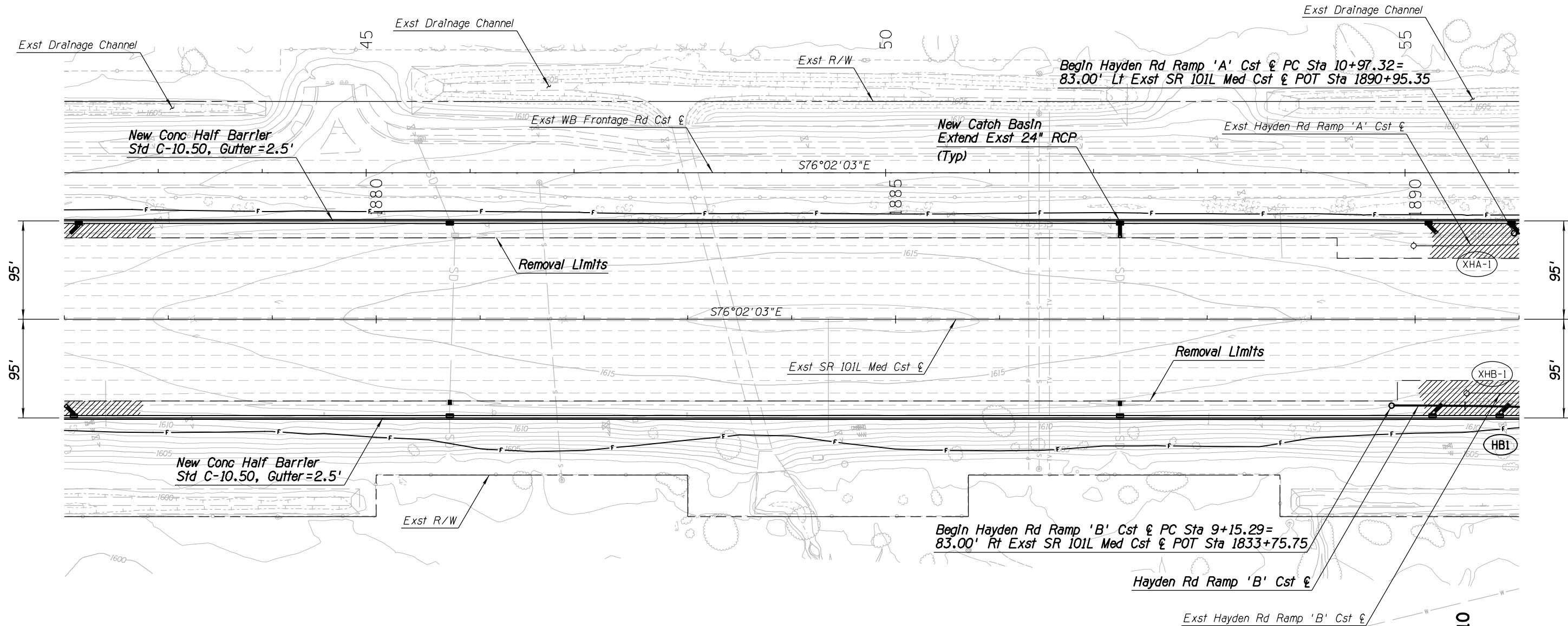
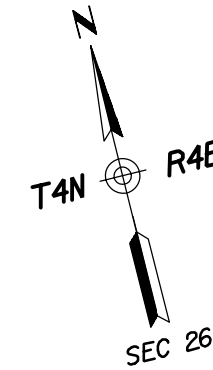
SURVEY NO. FINISHED PLANS DATE REVISIONS LOCATION DATE FINISHED PLANS SURVEY NO. REVISIONS LOCATION DATE

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23

**WB ROADWAY SECTION**

- 12' Outside Shldr
- 12' Aux Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' HOV Lane
- 10' Inside Shldr



**EB ROADWAY SECTION**

- 10' Inside Shldr
- 12' HOV Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Aux Lane
- 12' Outside Shldr

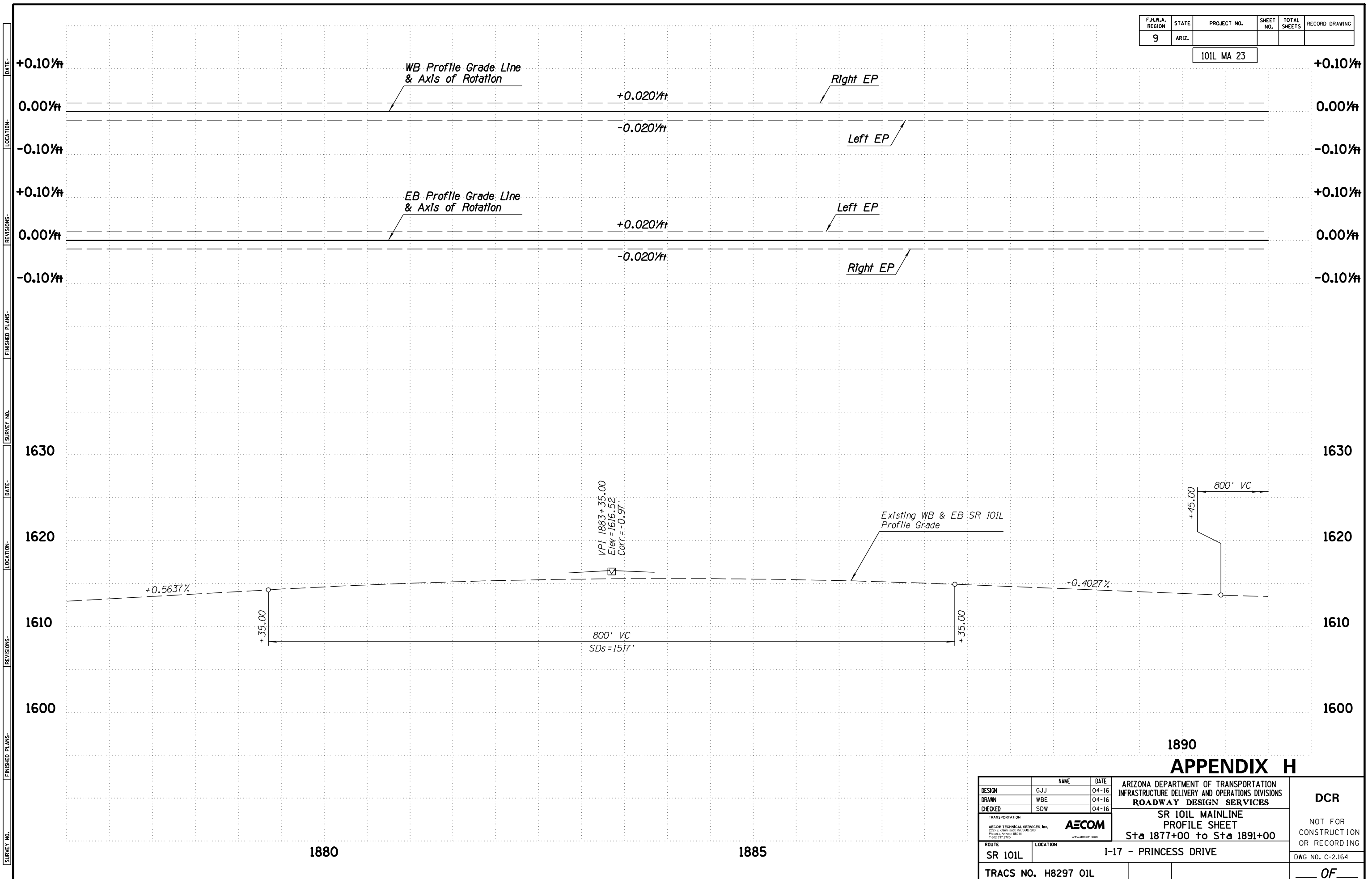
**APPENDIX H**

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION <small>AECOM TECHNICAL SERVICES, Inc. 2555 E. Camelback Rd, Suite 200 Phoenix, Arizona 85016 T 602.337.2700</small>				<b>AECOM</b> <small>www.aecom.com</small>	<b>SR 101L MAINLINE PLAN SHEET Sta 1877+00 to Sta 1891+00</b>
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L				DWG NO. C-2.163	NOT FOR CONSTRUCTION OR RECORDING
					OF

SURVEY NO. FINISHED PLANS DATE REVISIONS LOCATION DATE FINISHED PLANS SURVEY NO. REVISIONS LOCATION DATE

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



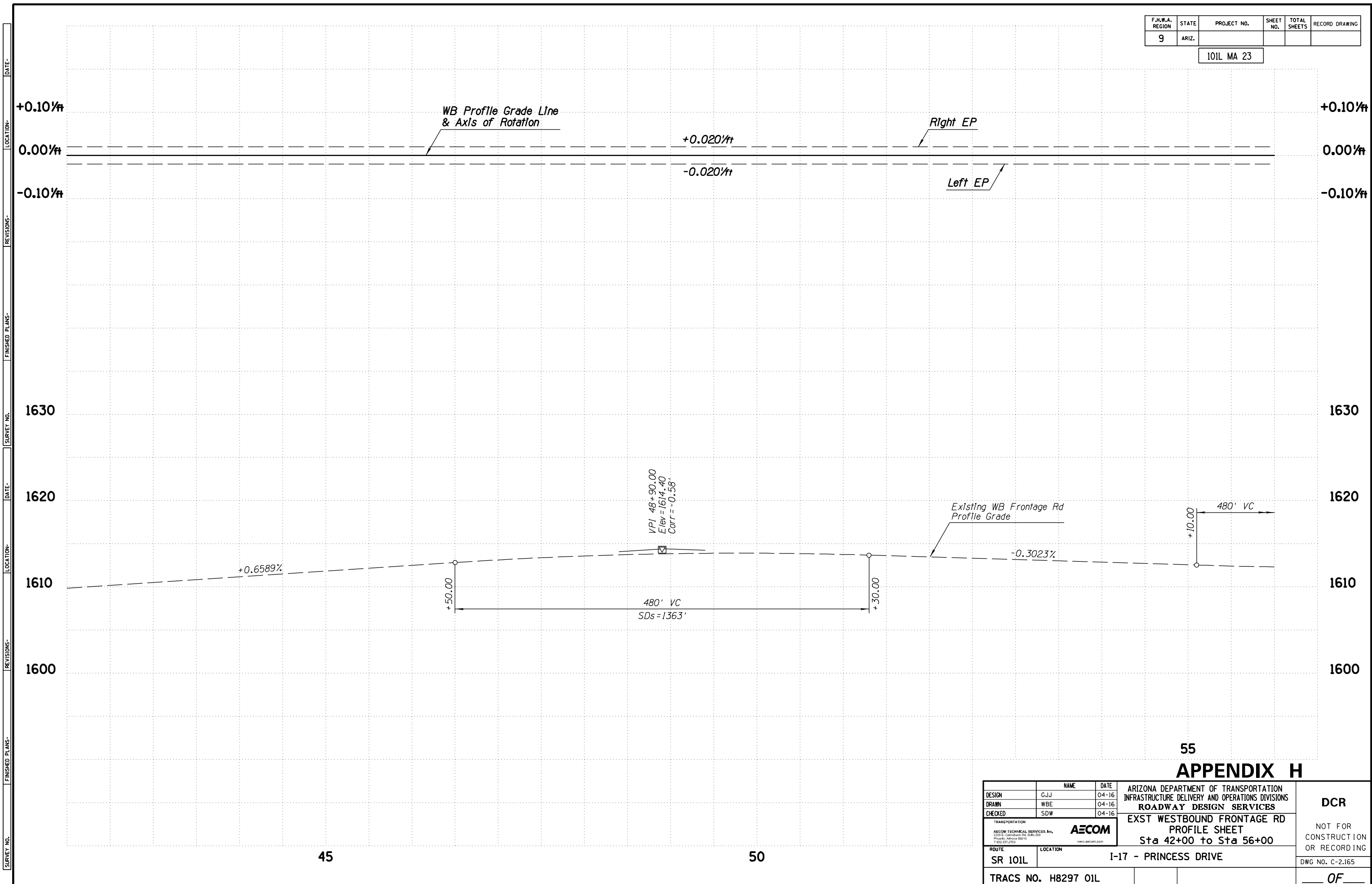
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### APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION <small>AECOM TECHNICAL SERVICES, Inc.          2525 E. Camelback Rd., Suite 200          Phoenix, Arizona 85016          T 602.337.2700</small>				<b>AECOM</b> SR 101L MAINLINE PROFILE SHEET Sta 1877+00 to Sta 1891+00	
ROUTE	LOCATION	I-17 - PRINCESS DRIVE			
SR 101L				DWG NO. C-2.164	
TRACS NO. H8297 01L				OF	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



55  
**APPENDIX H**

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION					<b>EXST WESTBOUND FRONTAGE RD PROFILE SHEET Sta 42+00 to Sta 56+00</b>
ROUTE	LOCATION				
SR 101L	I-17 - PRINCESS DRIVE			DWG NO. C-2.165	OF
TRACS NO. H8297 01L					

SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE

**WB ROADWAY SECTION**

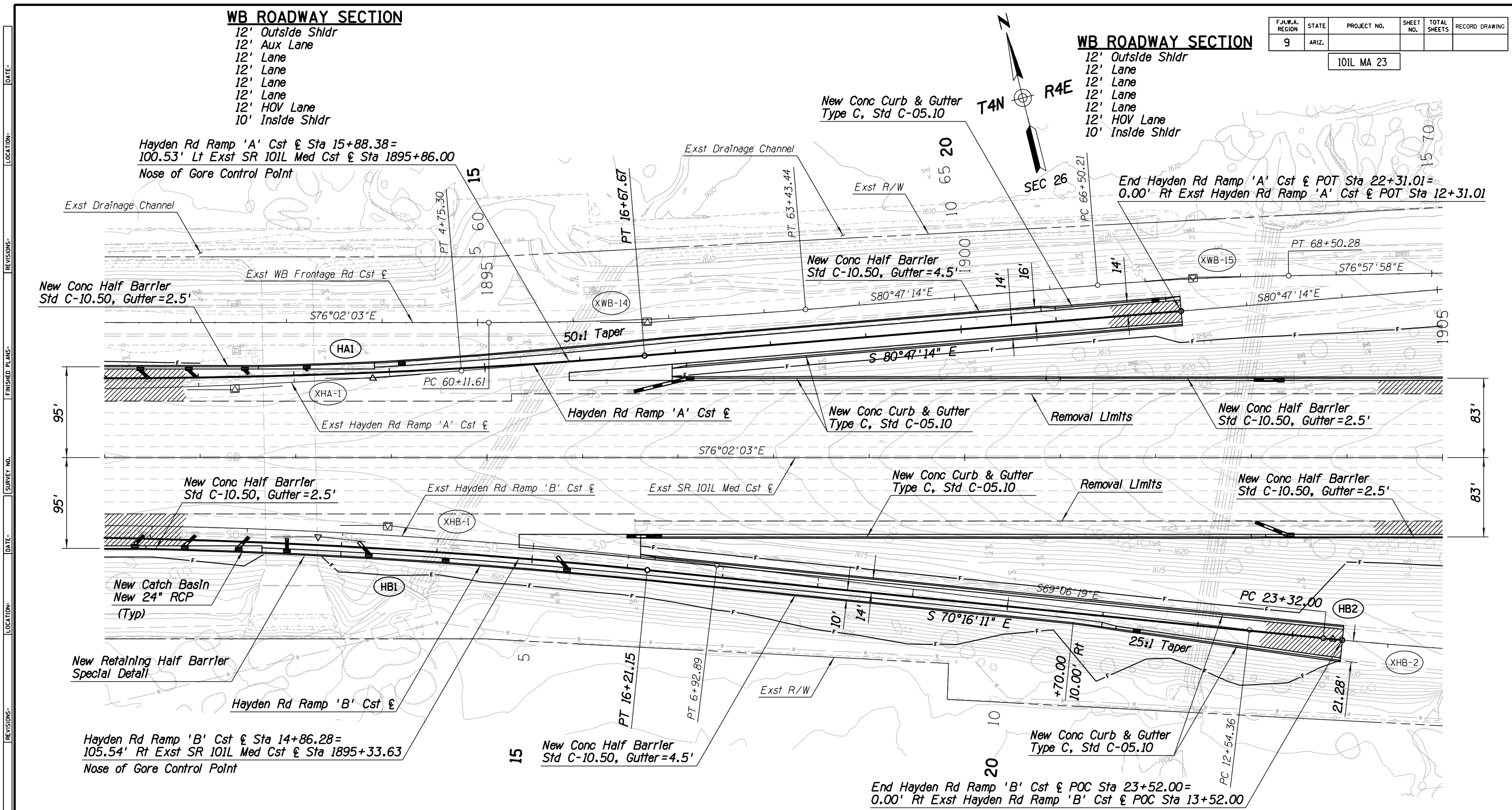
- 12' Outside Shldr
- 12' Aux Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' HOV Lane
- 10' Inside Shldr

**WB ROADWAY SECTION**

- 12' Outside Shldr
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' HOV Lane
- 10' Inside Shldr

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



**EB ROADWAY SECTION**

- 10' Inside Shldr
- 12' HOV Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Aux Lane
- 12' Outside Shldr

**EB ROADWAY SECTION**

- 10' Inside Shldr
- 12' HOV Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Outside Shldr

**APPENDIX H**

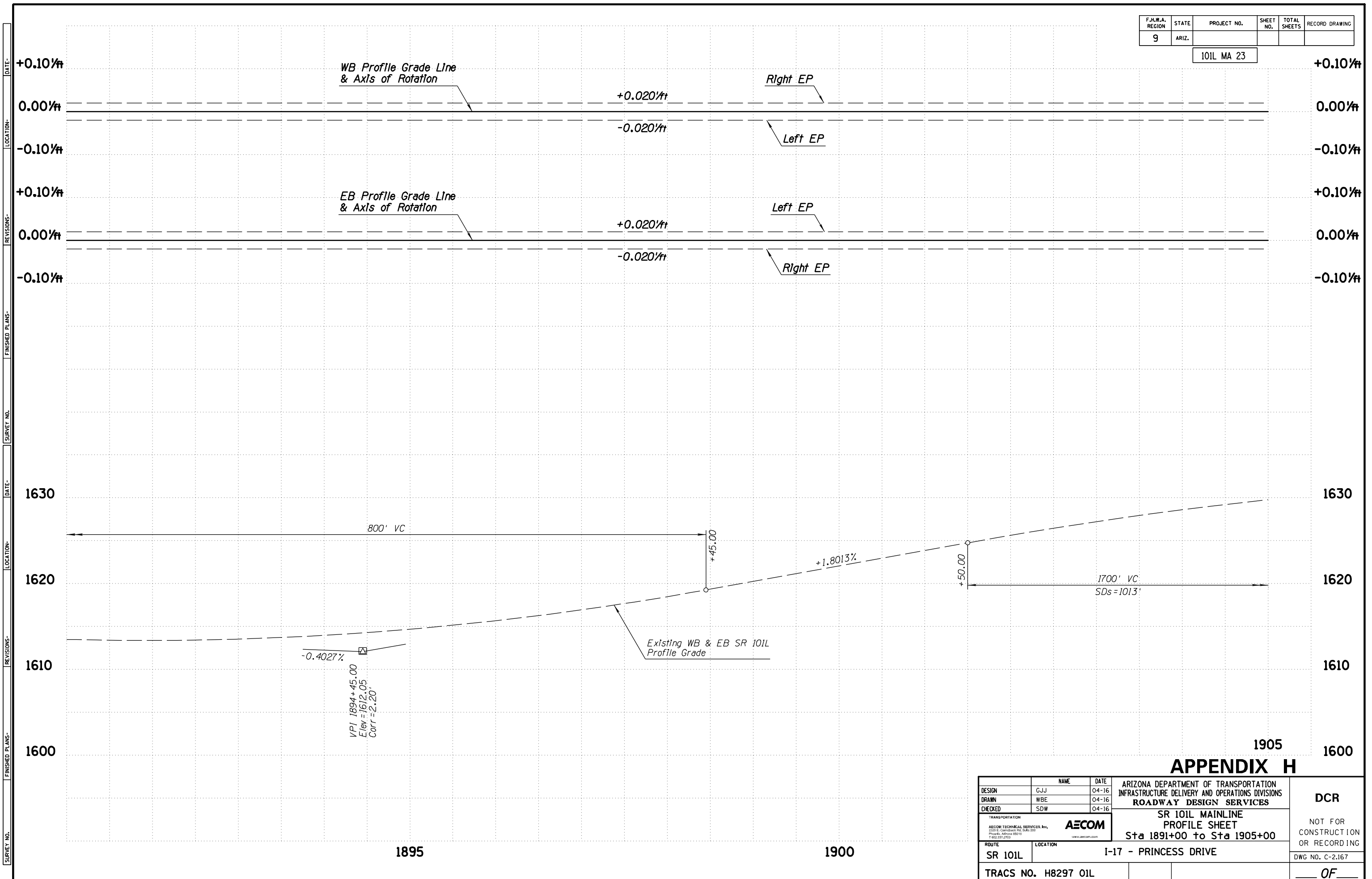
DESIGN	NAME	DATE	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DESIGN	GJJ	04-16		
DRAWN	WBE	04-16		
CHECKED	SDW	04-16	SR 101L MAINLINE PLAN SHEET Sta 1891+00 to Sta 1905+00	NOT FOR CONSTRUCTION OR RECORDING
TRANSPORTATION				
AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com			I-17 - PRINCESS DRIVE	OF
ROUTE	LOCATION			
SR 101L				
TRACS NO. H8297 01L				

SURVEY NO. FINISHED PLANS REVISIONS DATE LOCATION DATE FINISHED PLANS SURVEY NO. REVISIONS DATE LOCATION DATE FINISHED PLANS SURVEY NO.



F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



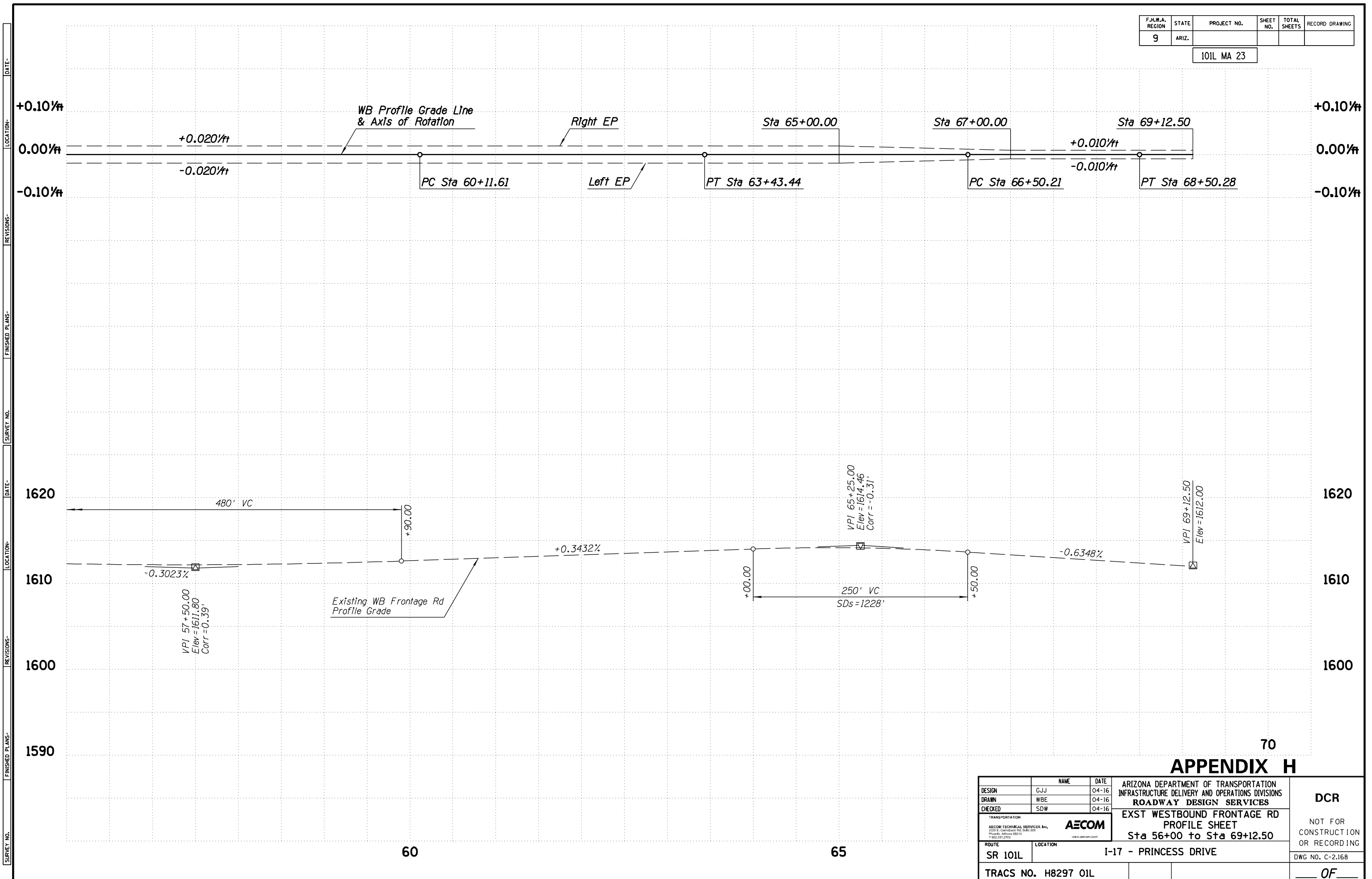
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 LOCATION: \_\_\_\_\_  
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 FINISHED PLANS: \_\_\_\_\_  
 SURVEY NO.: \_\_\_\_\_  
 DATE: \_\_\_\_\_  
 LOCATION: \_\_\_\_\_  
 REVISIONS: \_\_\_\_\_  
 FINISHED PLANS: \_\_\_\_\_  
 SURVEY NO.: \_\_\_\_\_

### APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION <small>AECOM TECHNICAL SERVICES, Inc.          2525 E. Camelback Rd., Suite 200          Phoenix, Arizona 85016          T 602.337.2700</small>				<b>AECOM</b> SR 101L MAINLINE PROFILE SHEET Sta 1891+00 to Sta 1905+00	
ROUTE	LOCATION				
SR 101L	I-17 - PRINCESS DRIVE				
TRACS NO. H8297 01L				DWG NO. C-2.167 OF	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



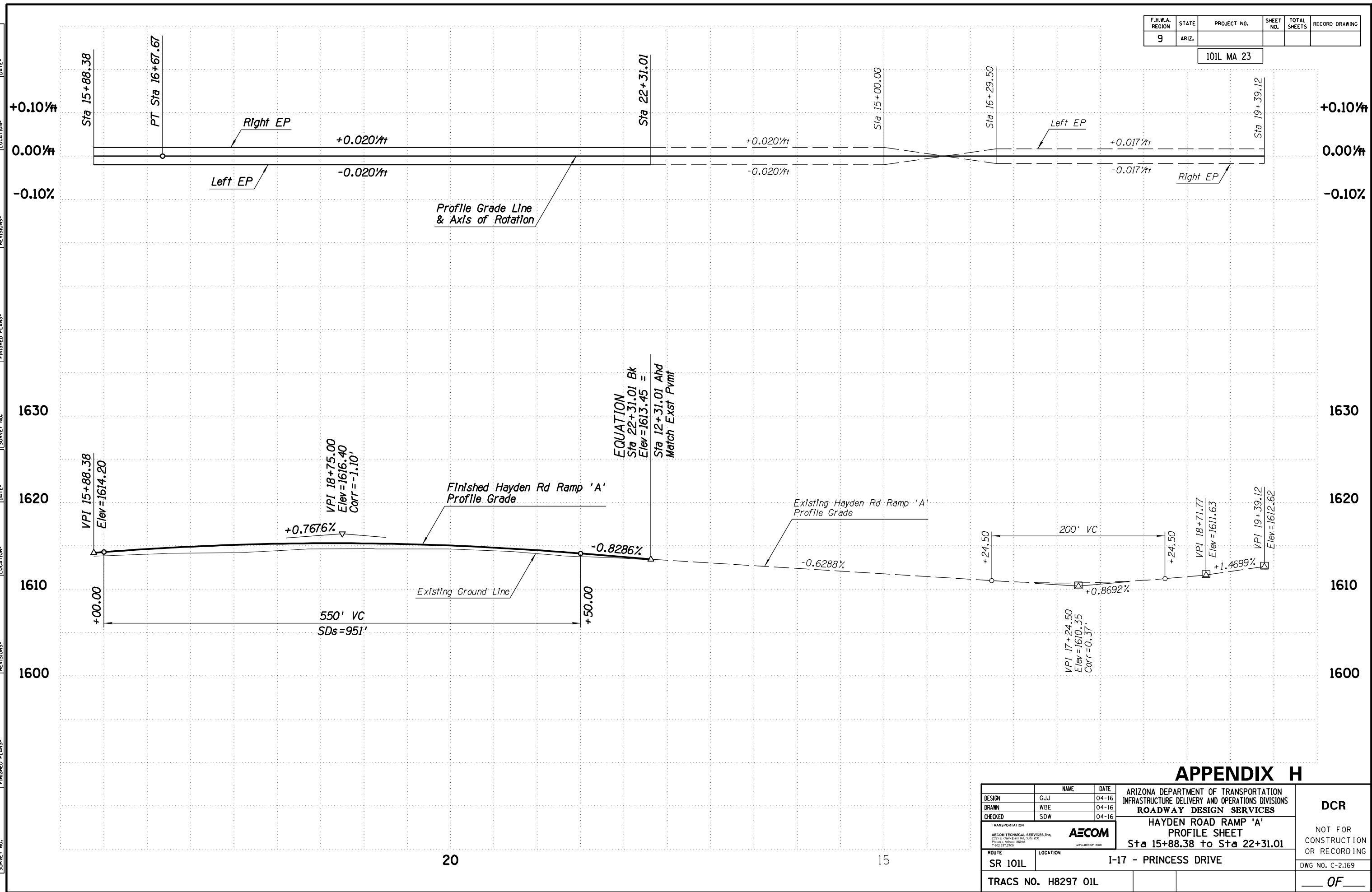
SURVEY NO. FINISHED PLANS REVISIONS DATE LOCATION FINISHED PLANS REVISIONS DATE LOCATION FINISHED PLANS REVISIONS DATE

### APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b> EXST WESTBOUND FRONTAGE RD PROFILE SHEET Sta 56+00 to Sta 69+12.50	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION <small>AECOM TECHNICAL SERVICES, Inc.          2525 E. Camelback Rd., Suite 200          Phoenix, Arizona 85016          T 602.337.2700</small>				<b>AECOM</b> <small>www.aecom.com</small>	
ROUTE	LOCATION	I-17 - PRINCESS DRIVE			
SR 101L					
TRACS NO. H8297 01L				DWG NO. C-2.168	
				OF	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



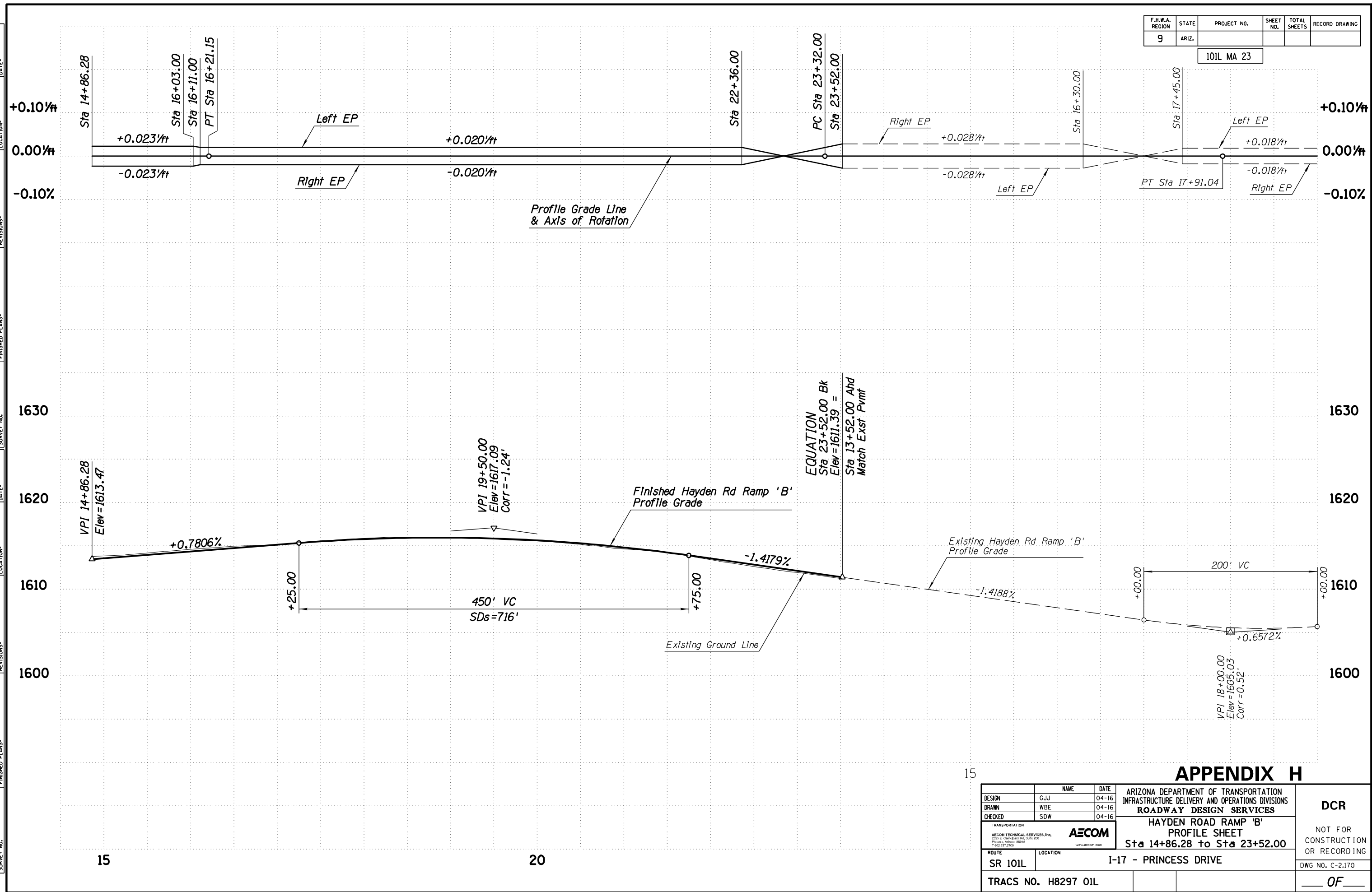
SURVEY NO. FINISHED PLANS REVISIONS DATE SURVEY NO. FINISHED PLANS REVISIONS DATE LOCATION DATE

### APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. <small>2555 E. Camelback Rd., Suite 200          Phoenix, Arizona 85016          T 602.337.2700</small>				<b>HAYDEN ROAD RAMP 'A'</b> <b>PROFILE SHEET</b> <b>Sta 15+88.38 to Sta 22+31.01</b>	
ROUTE	LOCATION				
SR 101L	I-17 - PRINCESS DRIVE				
TRACS NO. H8297 01L				DWG NO. C-2.169 OF	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

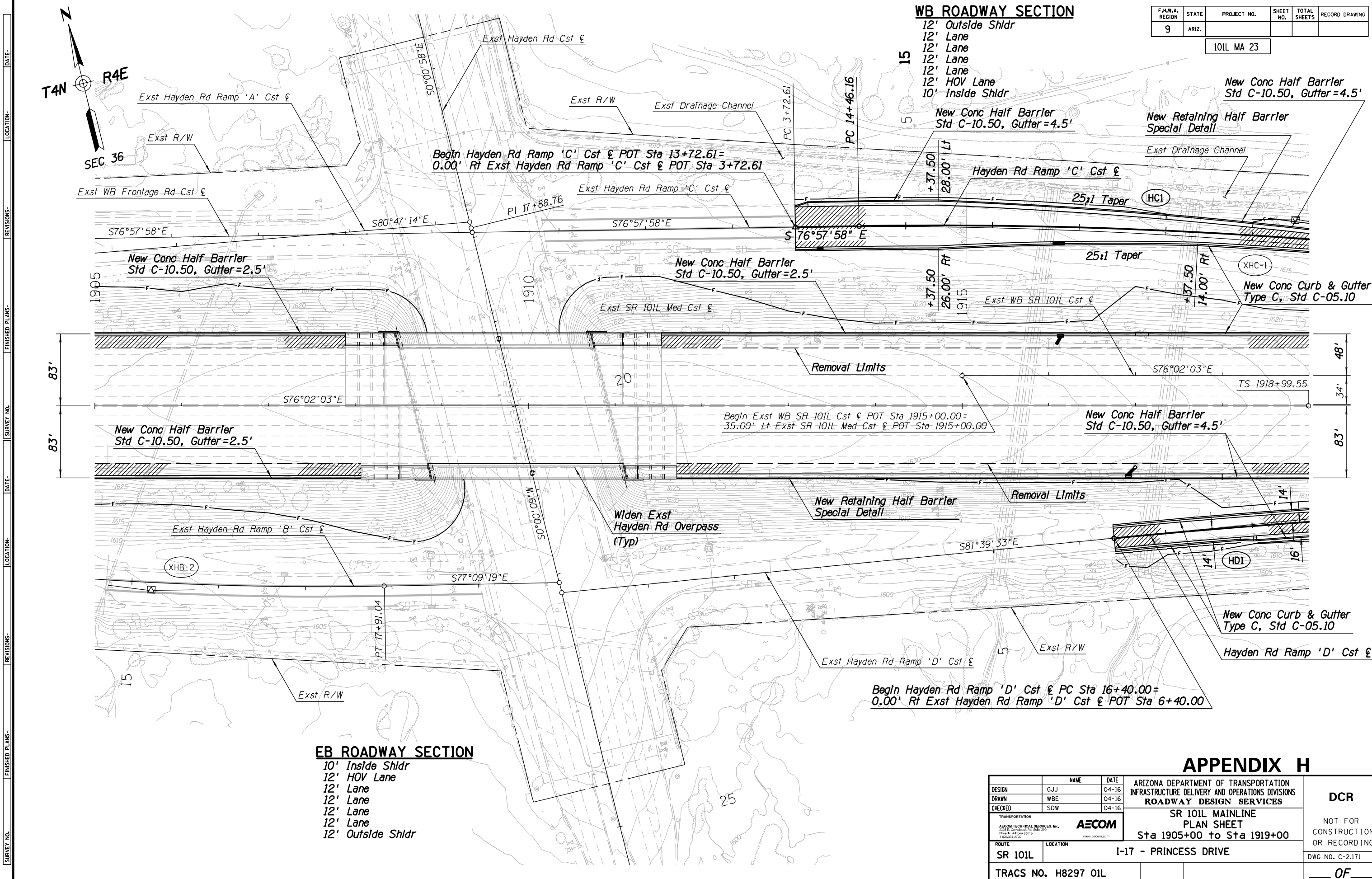
101L MA 23



SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE SURVEY NO. FINISHED PLANS REVISIONS LOCATION DATE

### APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. <small>2525 E. Camelback Rd., Suite 200          Phoenix, Arizona 85016          T 602.337.2700</small>				<b>HAYDEN ROAD RAMP 'B'</b> <b>PROFILE SHEET</b> <b>Sta 14+86.28 to Sta 23+52.00</b>	
ROUTE	LOCATION				
SR 101L	I-17 - PRINCESS DRIVE				
TRACS NO. H8297 01L				DWG NO. C-2.170 OF	



**WB ROADWAY SECTION**

- 12' Outside Shldr
- 12' Lane
- 12' Lane
- 12' Lane
- 12' HOV Lane
- 10' Inside Shldr

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23

**EB ROADWAY SECTION**

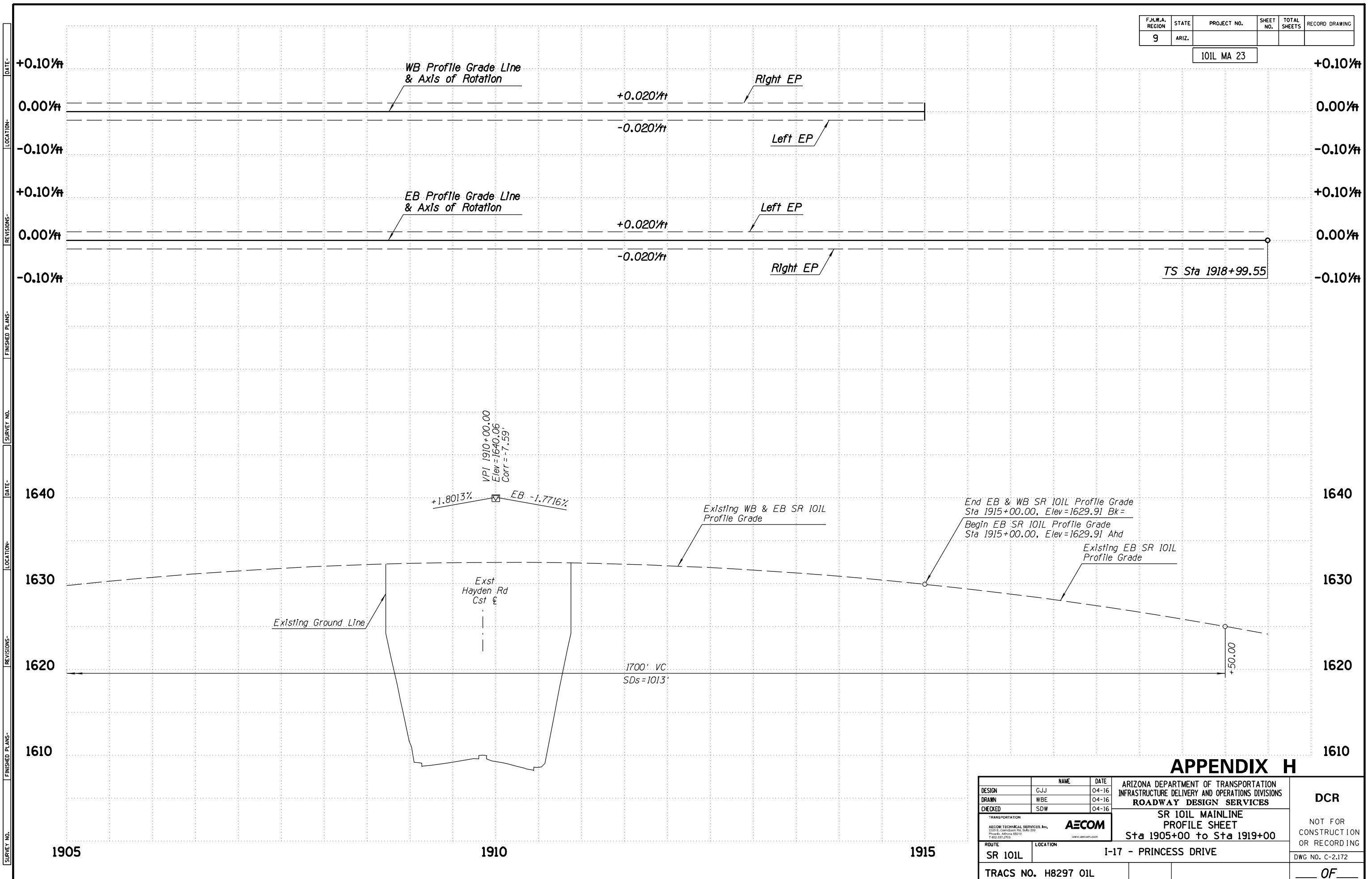
- 10' Inside Shldr
- 12' HOV Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Outside Shldr

**APPENDIX H**

DESIGN	NAME	DATE	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>
DRAWN	GJJ	04-16		
CHECKED	WBE	04-16		
	SDW	04-16		
<small>AECOM TECHNICAL SERVICES, Inc. 2325 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700</small>			<b>AECOM</b> <small>www.aecom.com</small>	<b>SR 101L MAINLINE PLAN SHEET Sta 1905+00 to Sta 1919+00</b>
ROUTE	LOCATION	I-17 - PRINCESS DRIVE		
SR 101L				
TRACS NO. H8297 01L				NOT FOR CONSTRUCTION OR RECORDING DWG NO. C-2.171 OF

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23

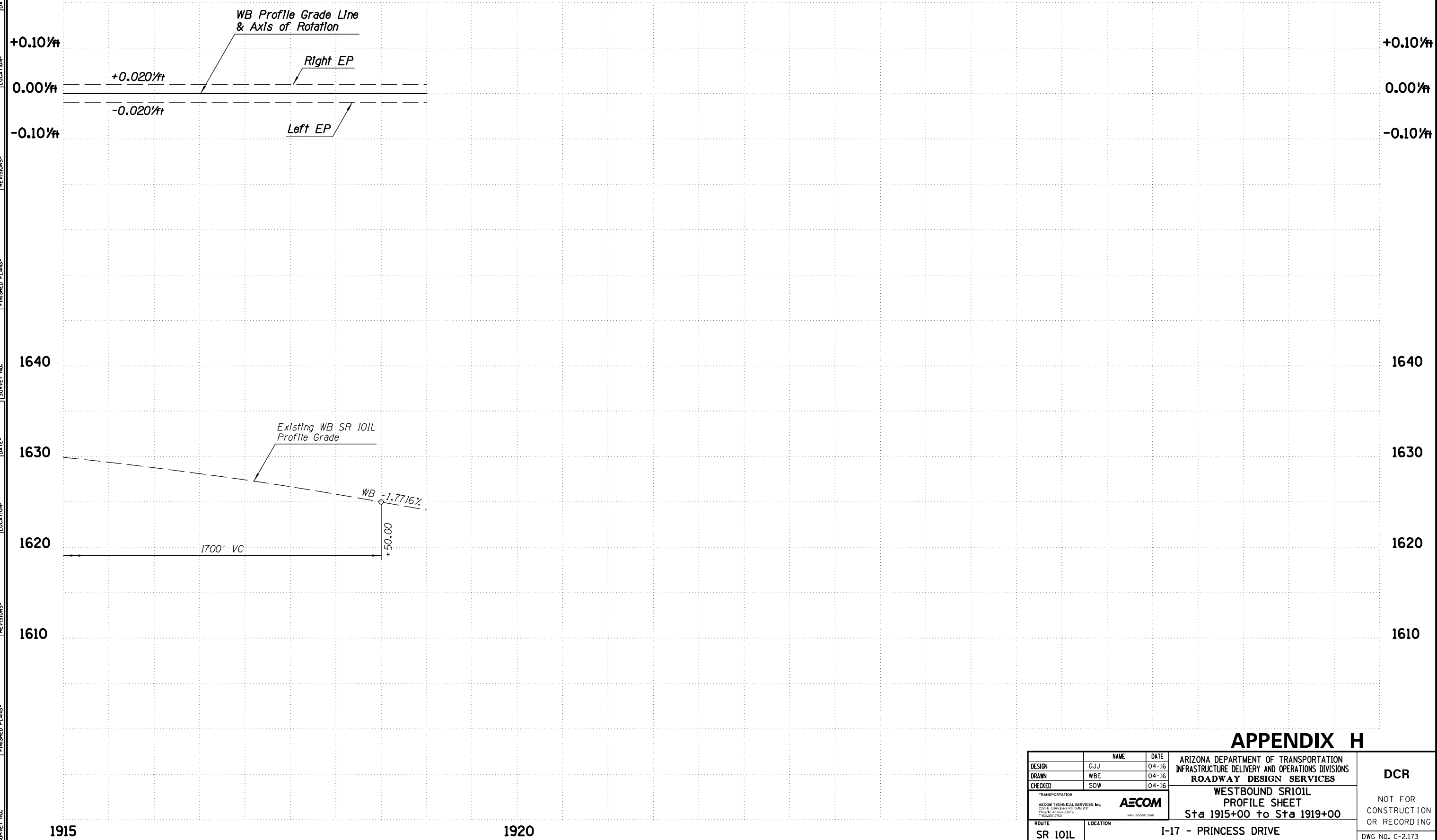


DATE: \_\_\_\_\_  
 LOCATION: \_\_\_\_\_  
 REVISIONS: \_\_\_\_\_  
 FINISHED PLANS: \_\_\_\_\_  
 SURVEY NO.: \_\_\_\_\_

DESIGN		GJJ	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN		WBE	04-16		
CHECKED		SDW	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com				<b>APPENDIX H</b> <b>SR 101L MAINLINE</b> <b>PROFILE SHEET</b> <b>Sta 1905+00 to Sta 1919+00</b>	
ROUTE	LOCATION	I-17 - PRINCESS DRIVE			DWG NO. C-2.172
SR 101L		TRACS NO. H8297 01L			OF

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



DATE: LOCATION: REVISIONS: FINISHED PLANS: SURVEY NO. DATE: LOCATION: REVISIONS: FINISHED PLANS: SURVEY NO.

### APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
<small>TRANSPORTATION</small> <small>AECOM TECHNICAL SERVICES, Inc.</small> <small>2525 E. Camelback Rd., Suite 200</small> <small>Phoenix, Arizona 85016</small> <small>T 602.337.2700</small> <small>www.aecom.com</small>				<b>AECOM</b> <b>WESTBOUND SR101L</b> <b>PROFILE SHEET</b> <b>Sta 1915+00 to Sta 1919+00</b>	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L				DWG NO. C-2.173	OF

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

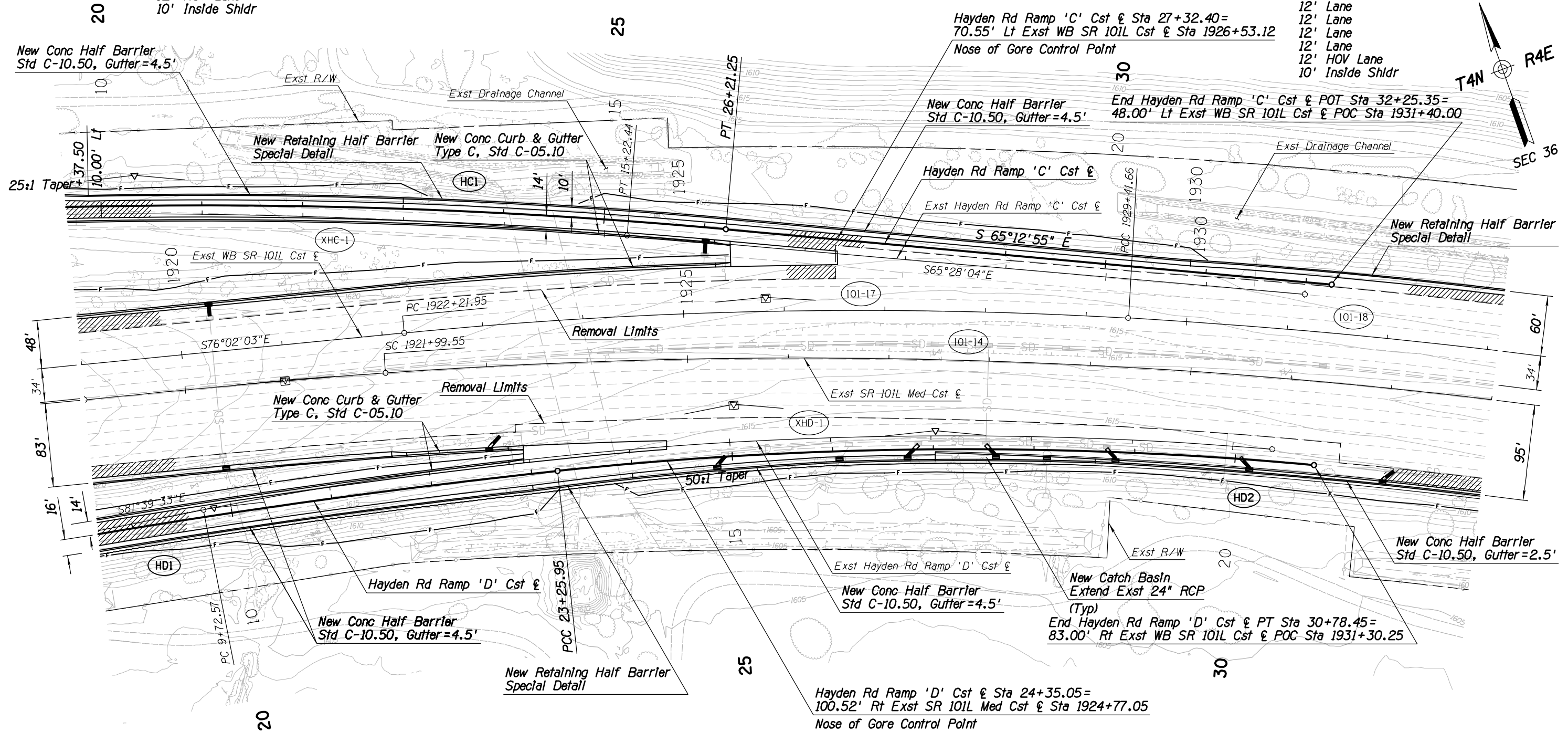
101L MA 23

**WB ROADWAY SECTION**

- 12' Outside Shldr
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' HOV Lane
- 10' Inside Shldr

**WB ROADWAY SECTION**

- 12' Outside Shldr
- 12' Aux Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' HOV Lane
- 10' Inside Shldr



**EB ROADWAY SECTION**

- 10' Inside Shldr
- 12' HOV Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Outside Shldr

**EB ROADWAY SECTION**

- 10' Inside Shldr
- 12' HOV Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Aux Lane
- 12' Outside Shldr

**APPENDIX H**

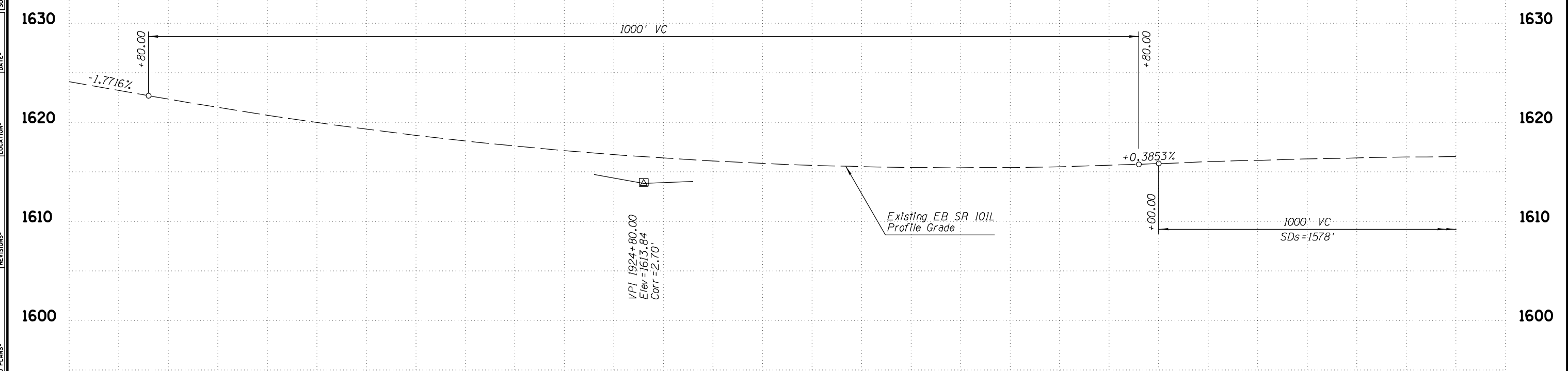
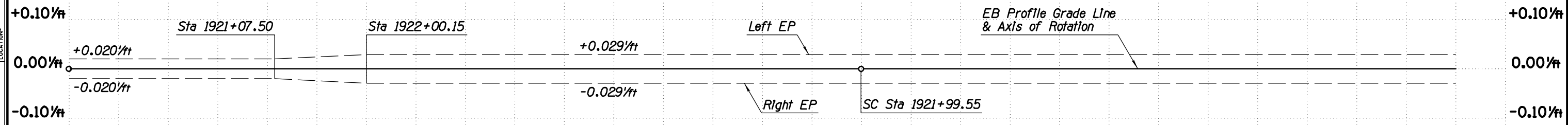
DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>	
DRAWN	WBE	DATE	04-16			
CHECKED	SDW	DATE	04-16			
TRANSPORTATION <small>AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd, Suite 200 Phoenix, Arizona 85016 T 602.337.2700</small>				<b>AECOM</b> <small>www.aecom.com</small>	SR 101L MAINLINE PLAN SHEET Sta 1919+00 to Sta 1933+00	NOT FOR CONSTRUCTION OR RECORDING DWG NO. C-2.174
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE			
TRACS NO. H8297 01L						OF

SURVEY NO. FINISHED PLANS DATE REVISIONS LOCATION DATE FINISHED PLANS SURVEY NO. REVISIONS LOCATION DATE



F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



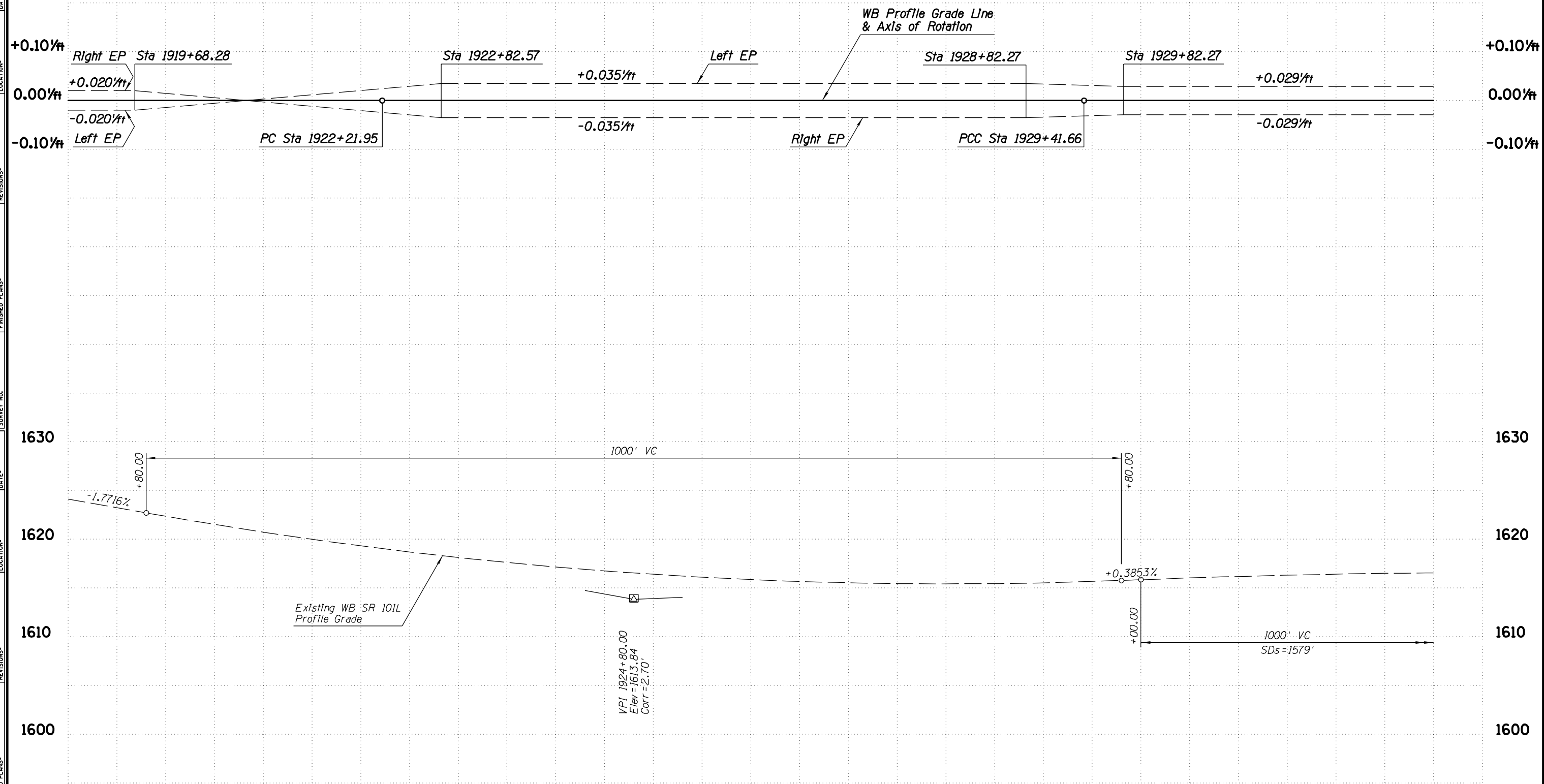
SURVEY NO. FINISHED PLANS REVISIONS DATE LOCATION FINISHED PLANS REVISIONS DATE SURVEY NO. FINISHED PLANS REVISIONS DATE SURVEY NO.

**1930 APPENDIX H**

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>	
DRAWN	WBE	DATE	04-16			
CHECKED	SDW	DATE	04-16			
<small>TRANSPORTATION</small> <b>AECOM</b> <small>AECOM TECHNICAL SERVICES, Inc.          2525 E. Camelback Rd., Suite 200          Phoenix, Arizona 85016          T 602.337.2700</small>				<b>EASTBOUND SR 101L          PROFILE SHEET          Sta 1919+00 to Sta 1933+00</b>		
ROUTE	LOCATION	1-17 - PRINCESS DRIVE				
SR 101L						DWG NO. C-2.175
TRACS NO. H8297 01L				OF		

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23

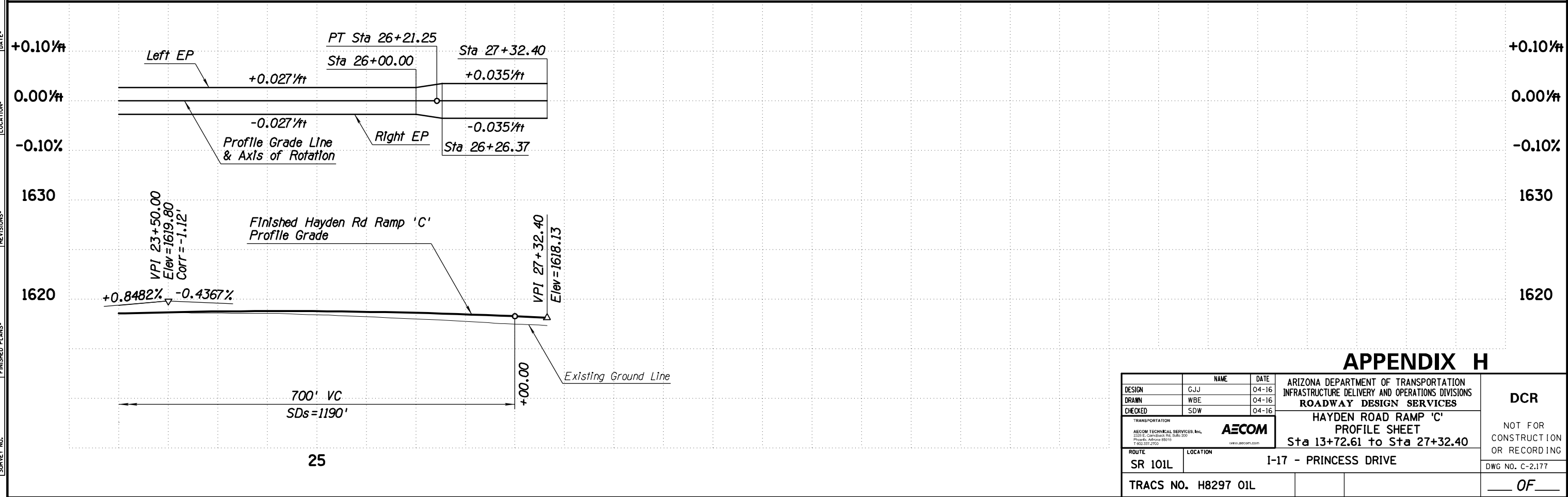
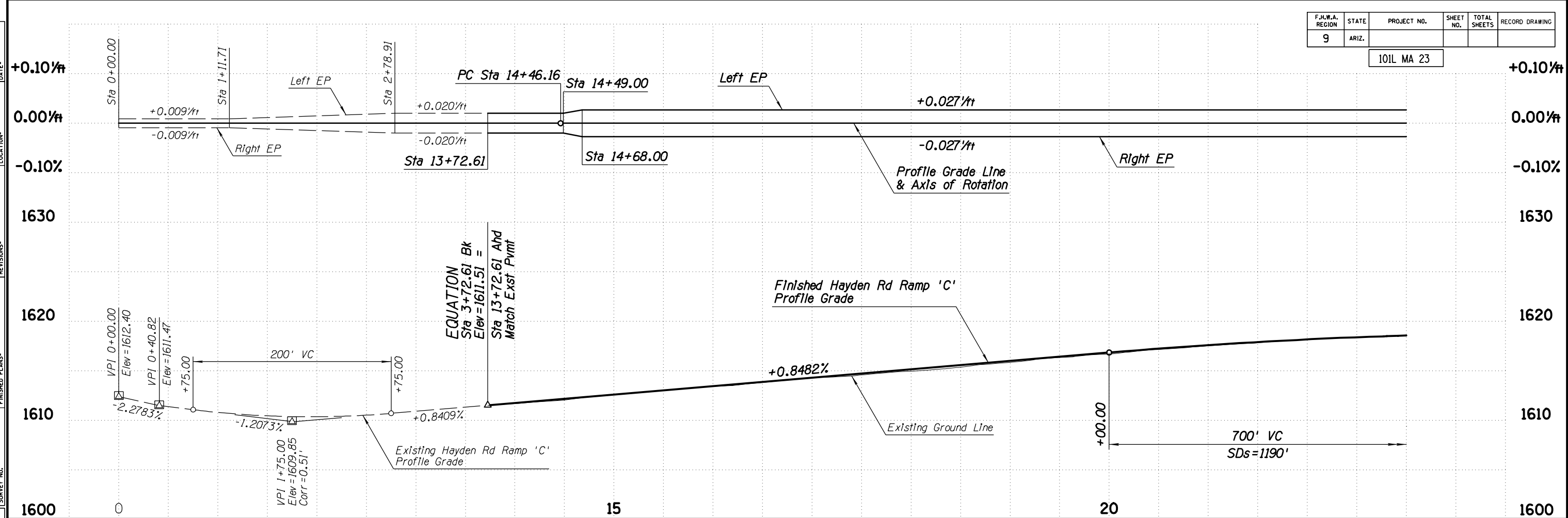


SURVEY NO. FINISHED PLANS REVISIONS DATE LOCATION SURVEY NO. FINISHED PLANS REVISIONS DATE

<b>1930</b>		<b>APPENDIX H</b>	
DESIGN	GJJ	DATE	04-16
DRAWN	WBE	DATE	04-16
CHECKED	SDW	DATE	04-16
<small>TRANSPORTATION</small> <b>AECOM</b> <small>AECOM TECHNICAL SERVICES, Inc.          2525 E. Camelback Rd., Suite 200          Phoenix, Arizona 85016          T 602.337.2700</small>		ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	
ROUTE <b>SR 101L</b>		LOCATION <b>I-17 - PRINCESS DRIVE</b>	
TRACS NO. H8297 01L		DWG NO. C-2.176	
		<b>DCR</b> NOT FOR CONSTRUCTION OR RECORDING	
		OF	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23

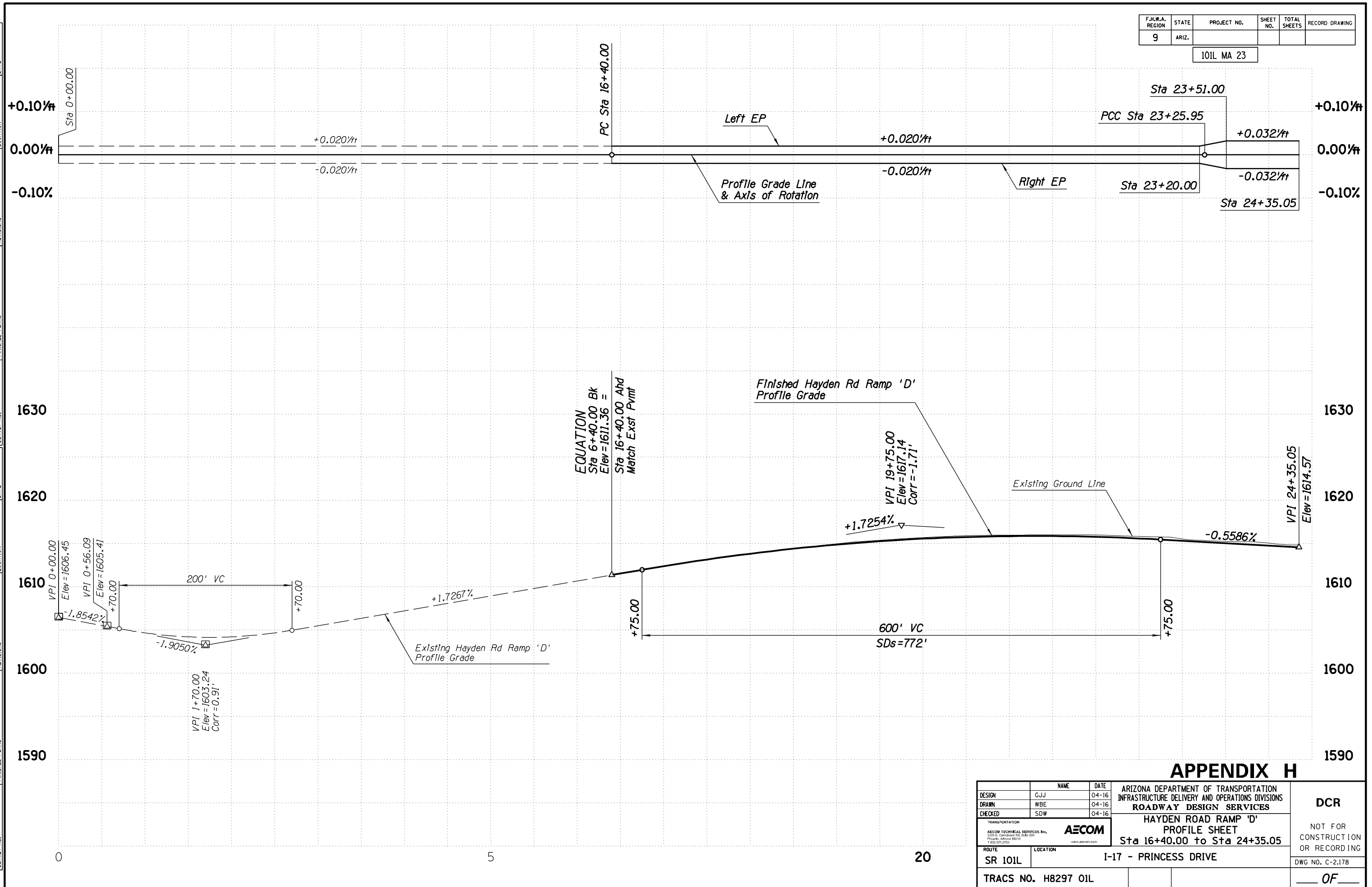


### APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
<small>TRANSPORTATION</small> <small>AECOM TECHNICAL SERVICES, Inc.</small> <small>2525 E. Camelback Rd., Suite 200</small> <small>Phoenix, Arizona 85016</small> <small>T 602.337.2700</small> <small>www.aecom.com</small>				<b>HAYDEN ROAD RAMP 'C'</b> <b>PROFILE SHEET</b> <b>Sta 13+72.61 to Sta 27+32.40</b>	
ROUTE	LOCATION	I-17 - PRINCESS DRIVE			
SR 101L				DWG NO. C-2.177	
TRACS NO. H8297 01L				OF	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



### APPENDIX H

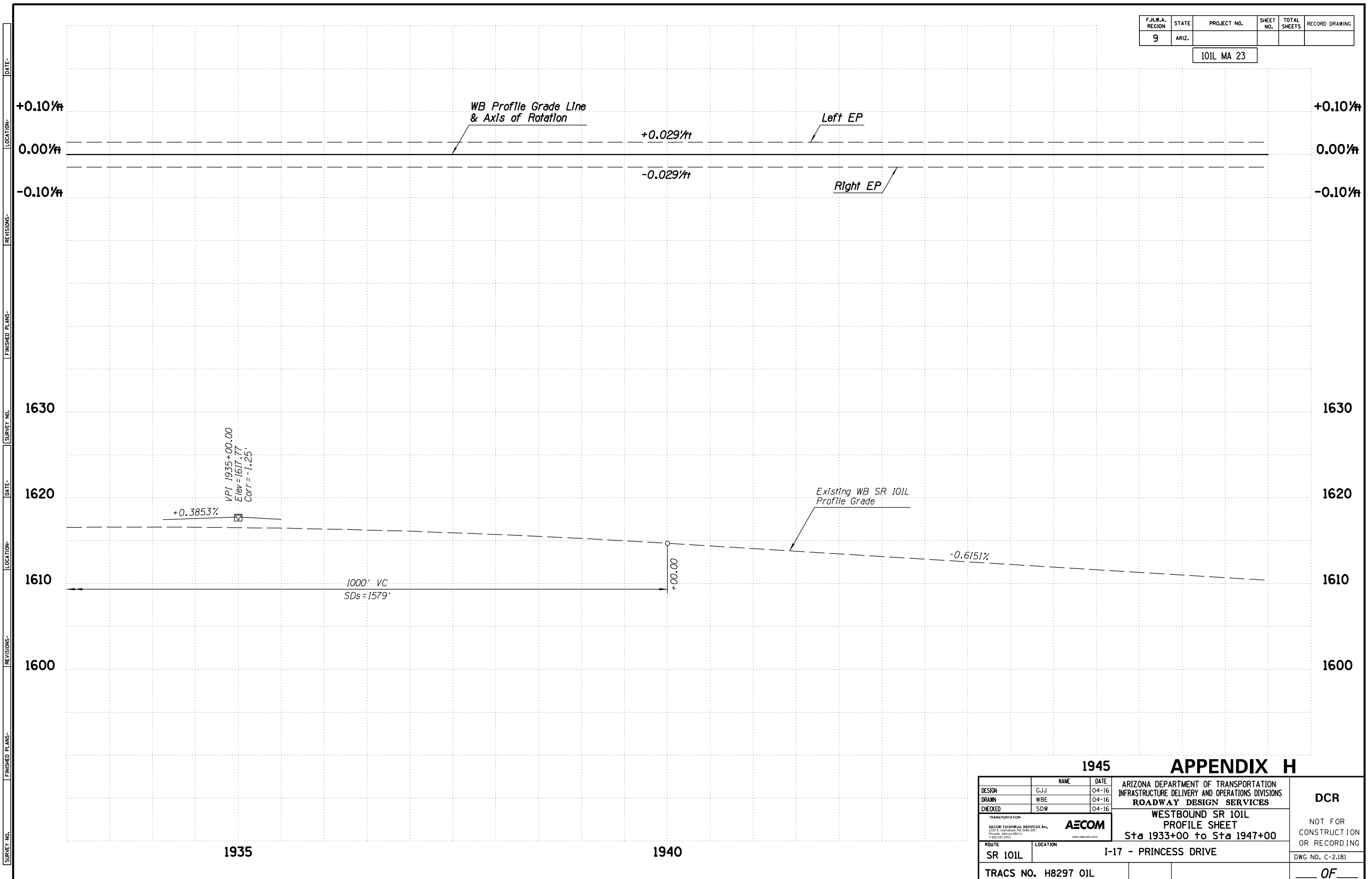
DESIGN	NAME	DATE	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DESIGN	GJJ	04-16		
DRAWN	WBE	04-16		
CHECKED	SDW	04-16	HAYDEN ROAD RAMP 'D' PROFILE SHEET Sta 16+40.00 to Sta 24+35.05	NOT FOR CONSTRUCTION OR RECORDING
TRANSPORTATION				
AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd, Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com			SR 101L	LOCATION: I-17 - PRINCESS DRIVE
TRACS NO. H8297 01L			OF	





F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



DATE: \_\_\_\_\_  
 REVISIONS: \_\_\_\_\_  
 FINISHED PLANS: \_\_\_\_\_  
 SURVEY NO.: \_\_\_\_\_  
 DATE: \_\_\_\_\_  
 LOCATION: \_\_\_\_\_  
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 FINISHED PLANS: \_\_\_\_\_  
 SURVEY NO.: \_\_\_\_\_

1945 **APPENDIX H**

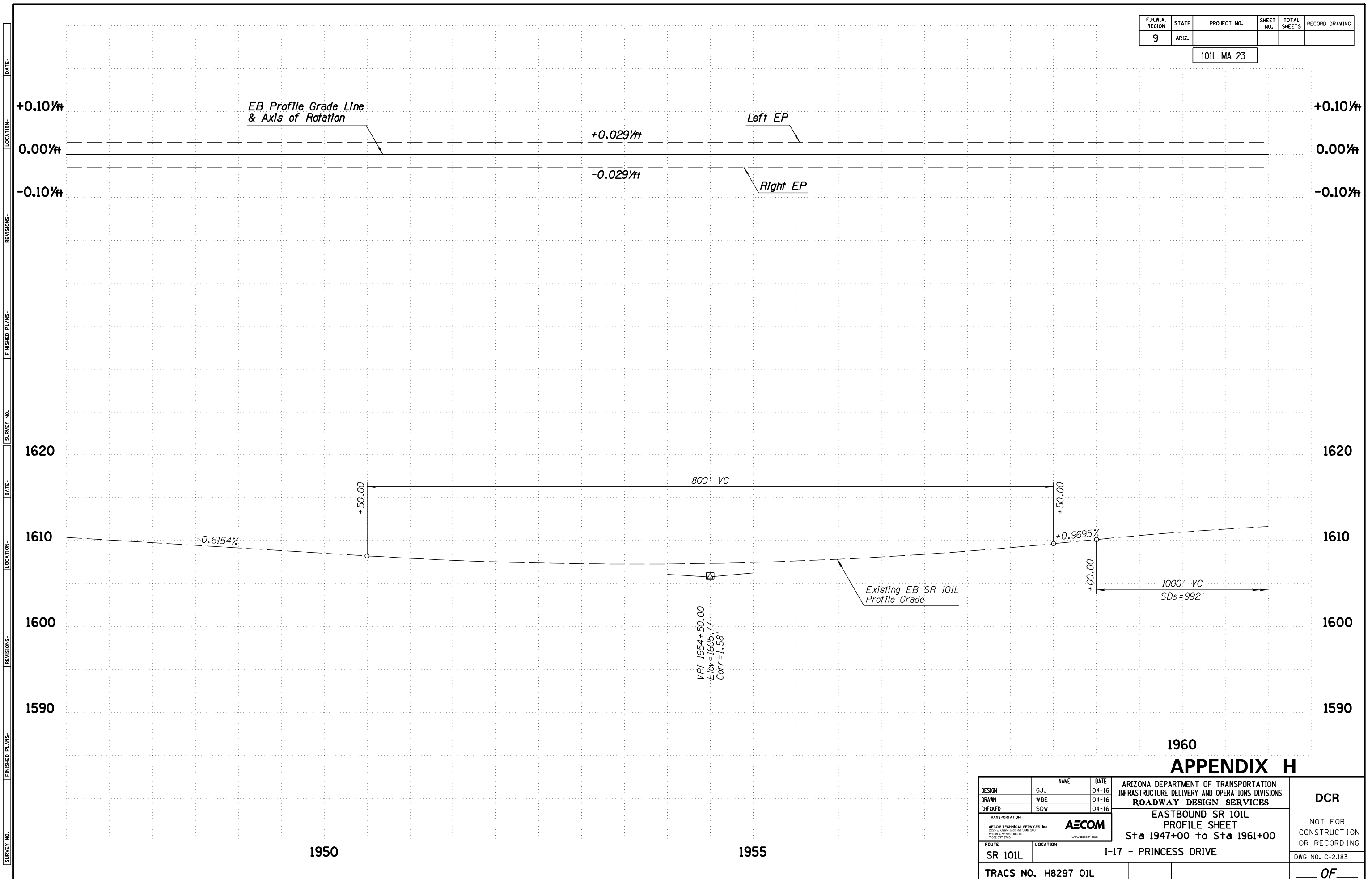
DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION <small>AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700</small>				<b>AECOM</b> WESTBOUND SR 101L PROFILE SHEET Sta 1933+00 to Sta 1947+00	
ROUTE	LOCATION	1-17 - PRINCESS DRIVE			
SR 101L				DWG NO. C-2.181	
TRACS NO. H8297 01L				OF	





F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



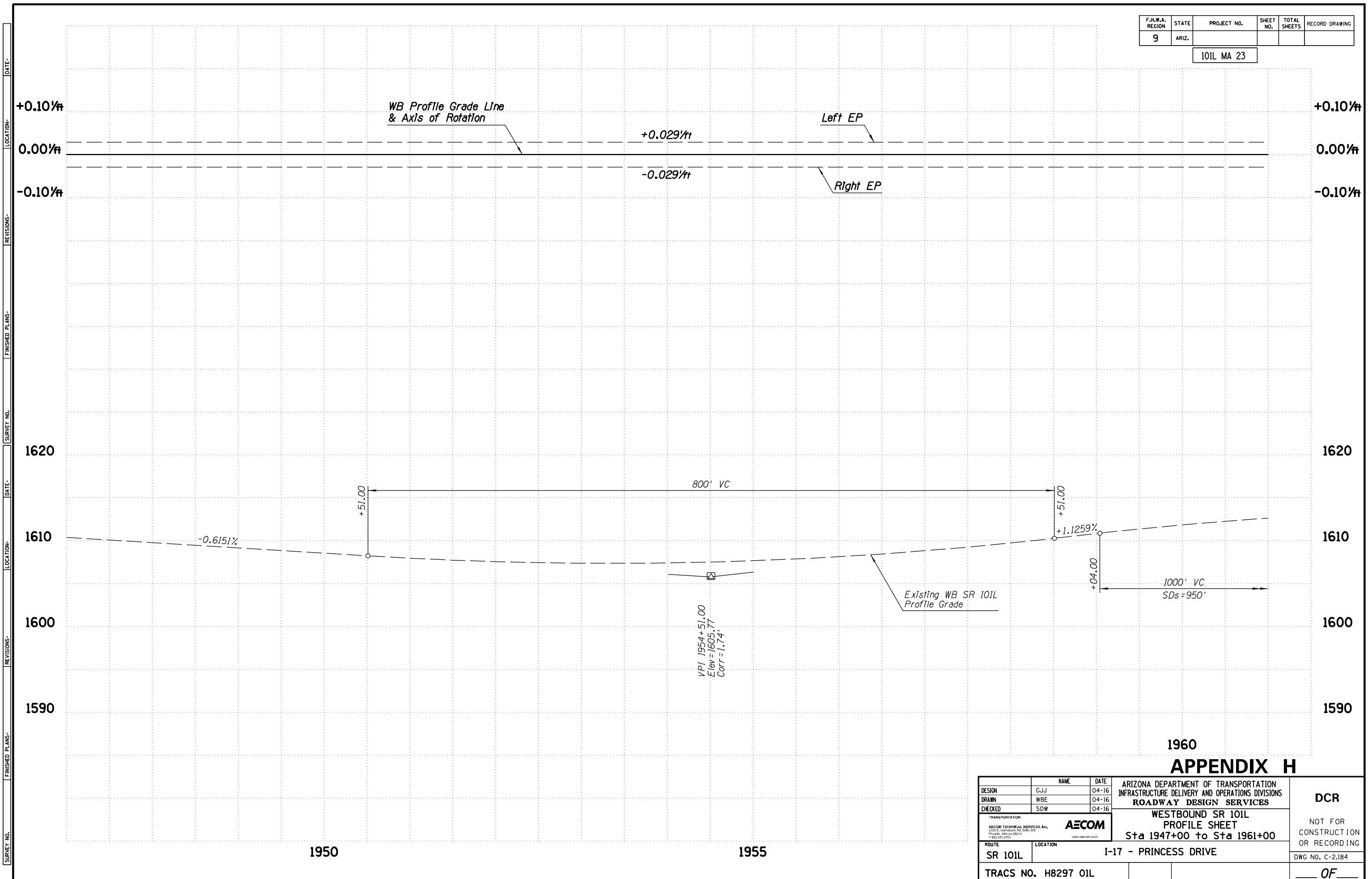
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**APPENDIX H**

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION <small>AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700</small>				<b>AECOM</b> <small>www.aecom.com</small>	<b>EASTBOUND SR 101L PROFILE SHEET Sta 1947+00 to Sta 1961+00</b>
ROUTE	LOCATION	I-17 - PRINCESS DRIVE			
SR 101L				DWG NO. C-2.183	NOT FOR CONSTRUCTION OR RECORDING
TRACS NO. H8297 01L					OF

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



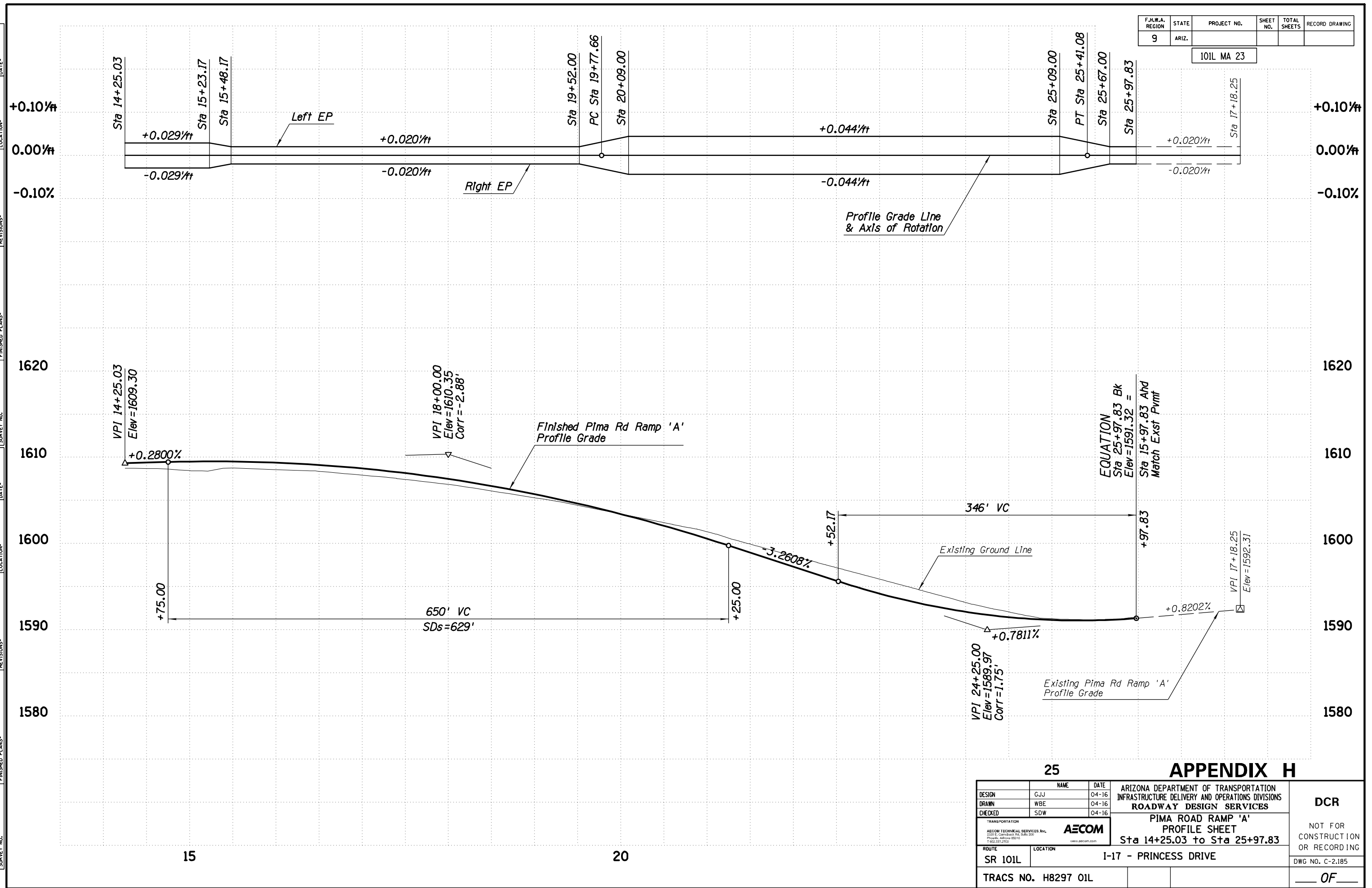
DATE: LOCATION: REVISIONS: FINISHED PLANS: SURVEY NO. DATE: LOCATION: REVISIONS: FINISHED PLANS: SURVEY NO.

### APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION					WESTBOUND SR 101L PROFILE SHEET Sta 1947+00 to Sta 1961+00
ROUTE	LOCATION	I-17 - PRINCESS DRIVE			
SR 101L				NOT FOR CONSTRUCTION OR RECORDING	
TRACS NO. H8297 01L				DWG NO. C-2.184	OF

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



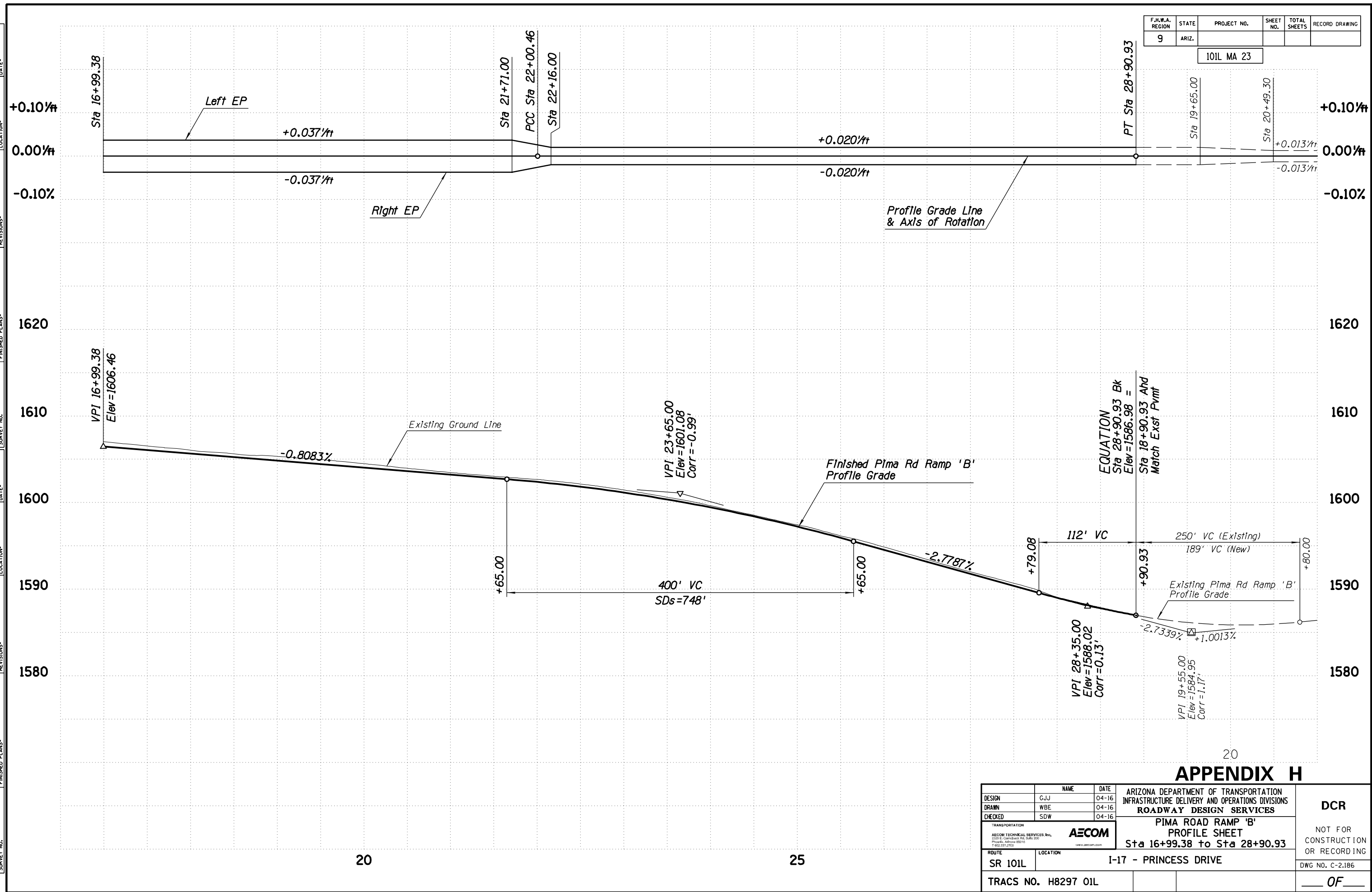
25 APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd, Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com				PIMA ROAD RAMP 'A' PROFILE SHEET Sta 14+25.03 to Sta 25+97.83	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		DWG NO. C-2.185
TRACS NO. H8297 01L					OF

SURVEY NO. FINISHED PLANS DATE REVISIONS LOCATION DATE

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



### APPENDIX H

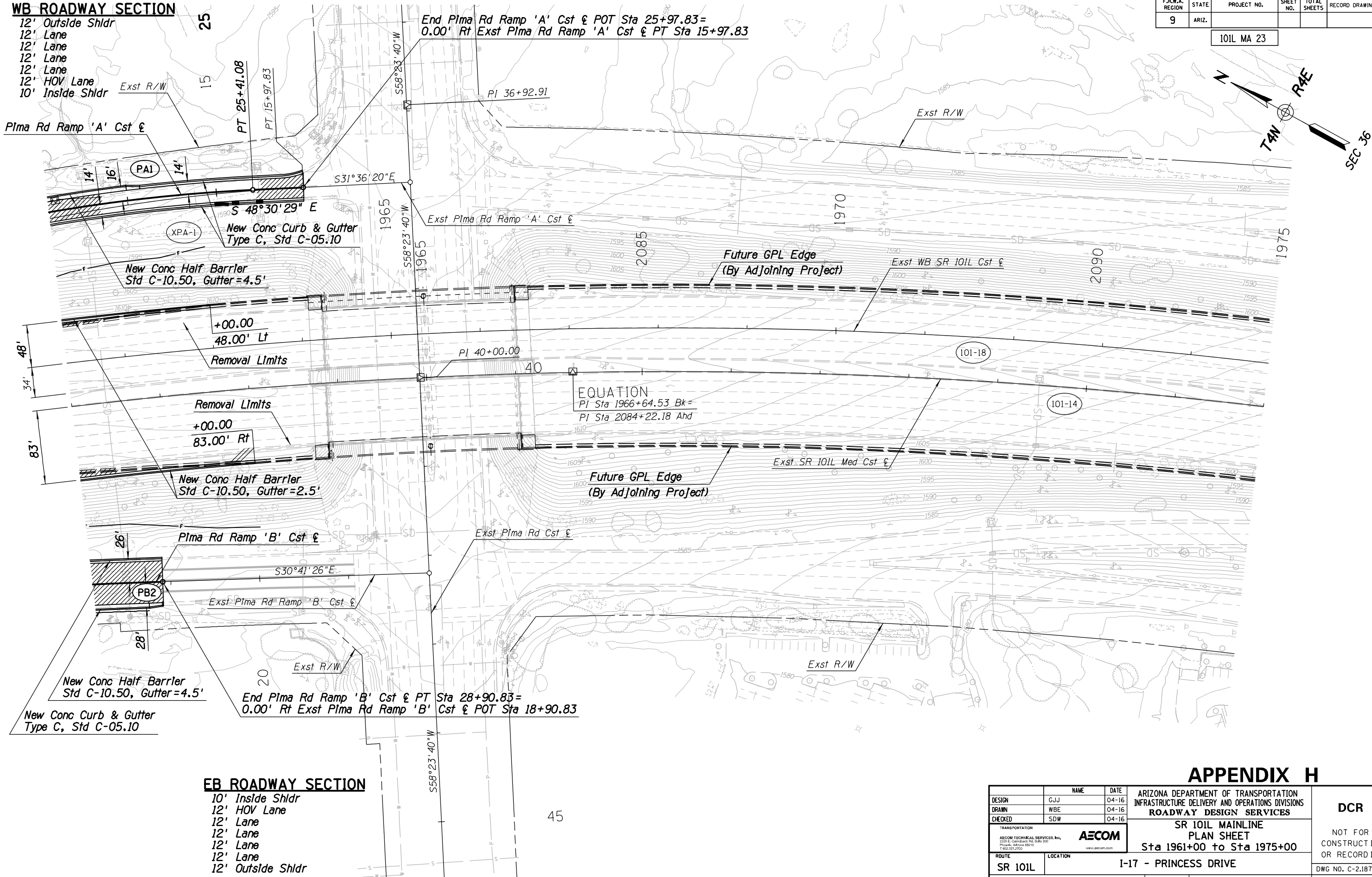
DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd, Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com				<b>PIMA ROAD RAMP 'B'</b> <b>PROFILE SHEET</b> <b>Sta 16+99.38 to Sta 28+90.93</b>	
ROUTE	LOCATION	I-17 - PRINCESS DRIVE			NOT FOR CONSTRUCTION OR RECORDING
SR 101L					DWG NO. C-2.186
TRACS NO. H8297 01L					OF

**WB ROADWAY SECTION**

- 12' Outside Shldr
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' HOV Lane
- 10' Inside Shldr

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



**EB ROADWAY SECTION**

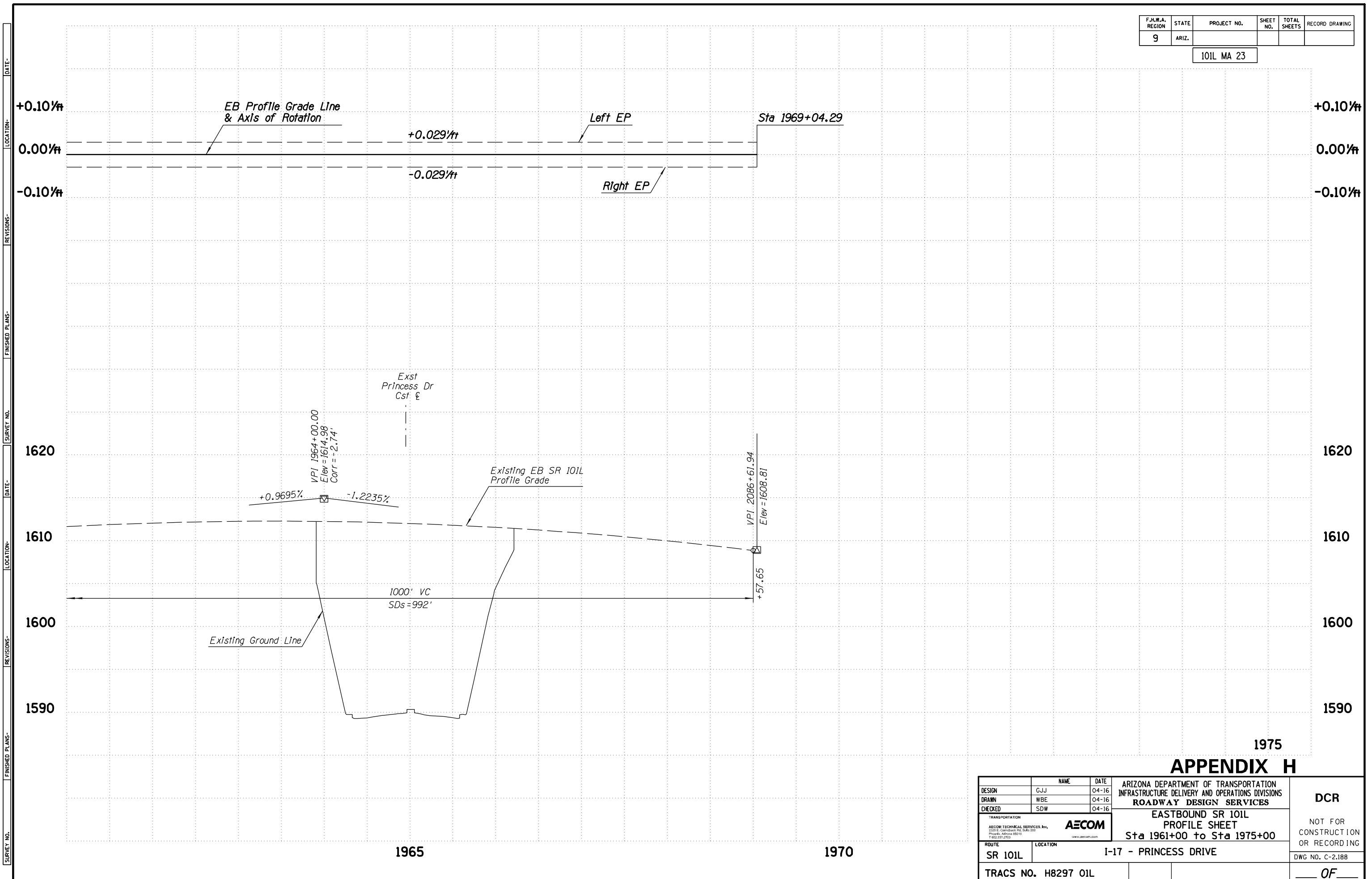
- 10' Inside Shldr
- 12' HOV Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Lane
- 12' Outside Shldr

**APPENDIX H**

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd, Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com				<b>SR 101L MAINLINE PLAN SHEET Sta 1961+00 to Sta 1975+00</b>	
ROUTE	LOCATION	I-17 - PRINCESS DRIVE			
SR 101L				DWG NO. C-2.187	
TRACS NO. H8297 01L				OF	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23

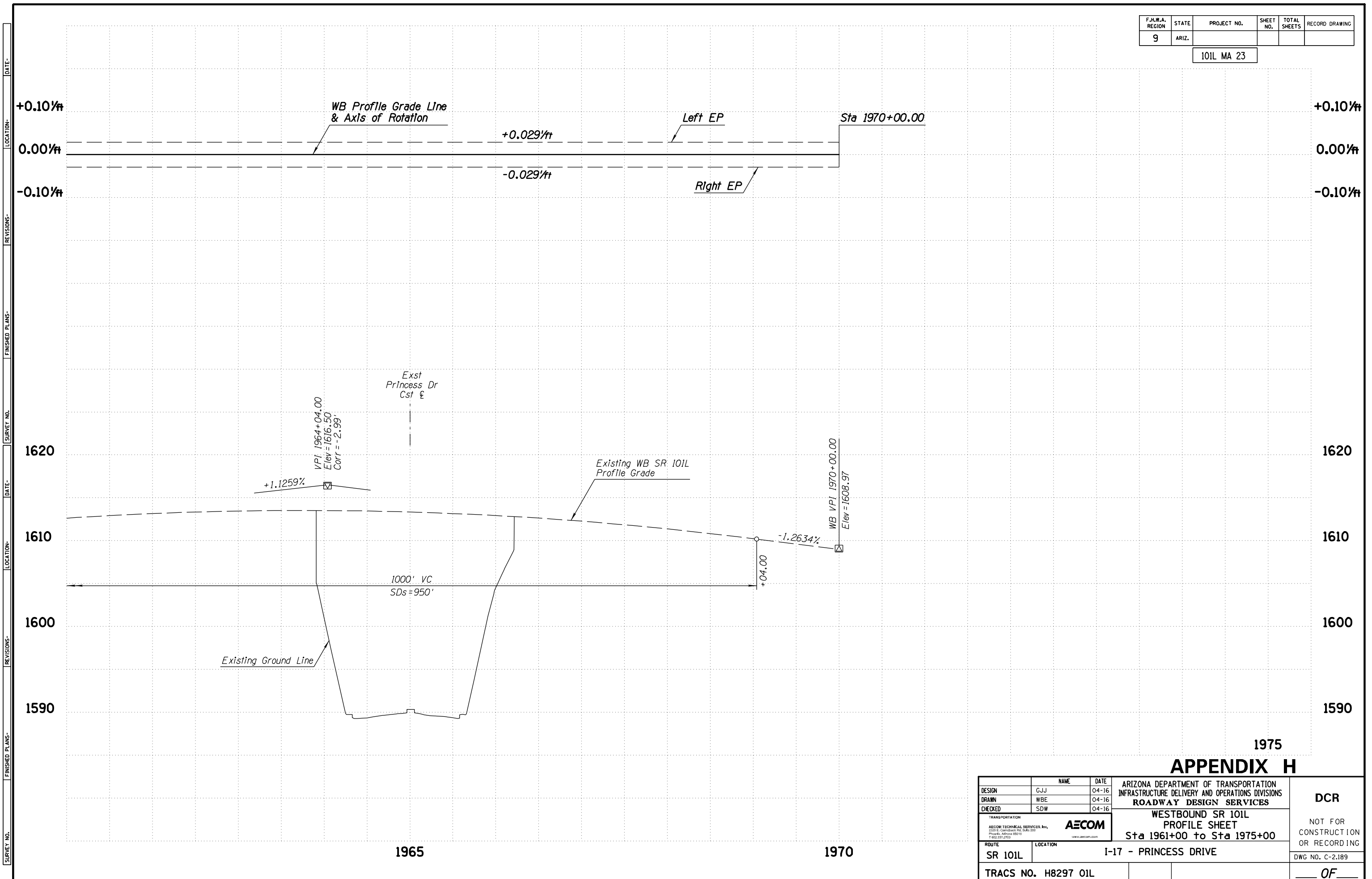


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 SURVEY NO.: \_\_\_\_\_  
 DATE: \_\_\_\_\_  
 LOCATION: \_\_\_\_\_  
 REVISIONS: \_\_\_\_\_  
 FINISHED PLANS: \_\_\_\_\_  
 SURVEY NO.: \_\_\_\_\_

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>ROADWAY DESIGN SERVICES</b>	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION <small>AECOM TECHNICAL SERVICES, Inc.          2525 E. Camelback Rd., Suite 200          Phoenix, Arizona 85016          T 602.337.2700</small>				<b>AECOM</b> EASTBOUND SR 101L PROFILE SHEET Sta 1961+00 to Sta 1975+00	
ROUTE	LOCATION				
SR 101L	I-17 - PRINCESS DRIVE				
TRACS NO. H8297 01L				DWG NO. C-2.188 OF	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



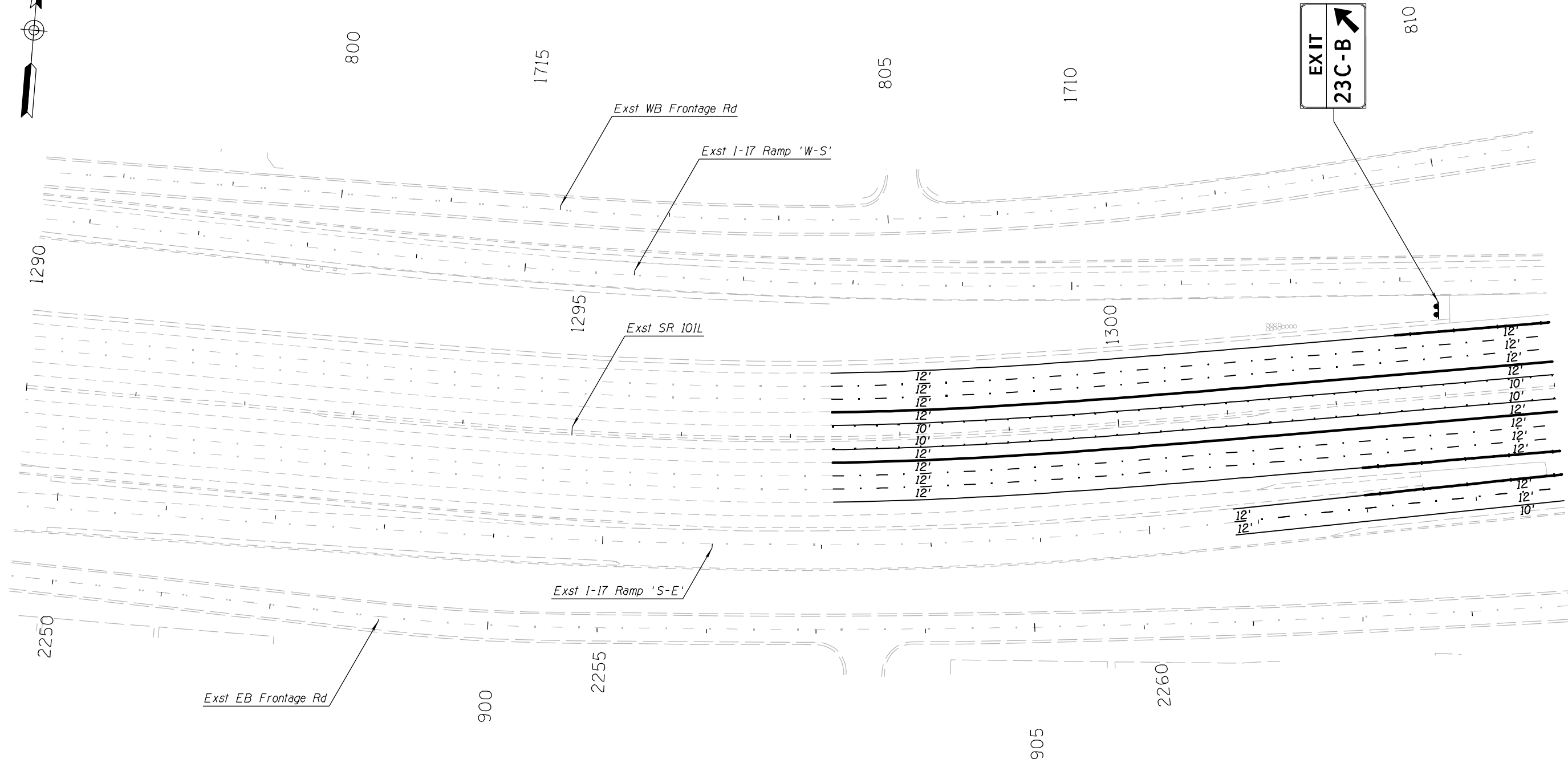
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 FINISHED PLANS: \_\_\_\_\_  
 SURVEY NO.: \_\_\_\_\_  
 DATE: \_\_\_\_\_  
 LOCATION: \_\_\_\_\_  
 REVISIONS: \_\_\_\_\_  
 FINISHED PLANS: \_\_\_\_\_  
 SURVEY NO.: \_\_\_\_\_

### APPENDIX H

DESIGN	GJJ	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS ROADWAY DESIGN SERVICES	DCR
DRAWN	WBE	DATE	04-16		
CHECKED	SDW	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com				<b>AECOM</b> WESTBOUND SR 101L PROFILE SHEET Sta 1961+00 to Sta 1975+00	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L				DWG NO. C-2.189	
				NOT FOR CONSTRUCTION OR RECORDING	
				OF	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



NO.1 DESCRIPTION OF REVISION DATE MADE BY NO.2 DESCRIPTION OF REVISION DATE MADE BY

### APPENDIX H

DESIGN	GP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS TRAFFIC DESIGN SERVICES	<b>DCR</b> NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER DWG NO. T-1.01
DRAWN	AE	DATE	04-16		
CHECKED	JJP	DATE	04-16		
TRANSPORTATION		AECOM		PAVEMENT MARKING & SIGNING PLANS PLAN SHEET Sta 1290+00 to Sta 1304+00	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L		OF			



F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23

**HOV 2+ ONLY**  
6-9 AM  
3-7 PM  
MON-FRI

**LOOP 101 WEST**

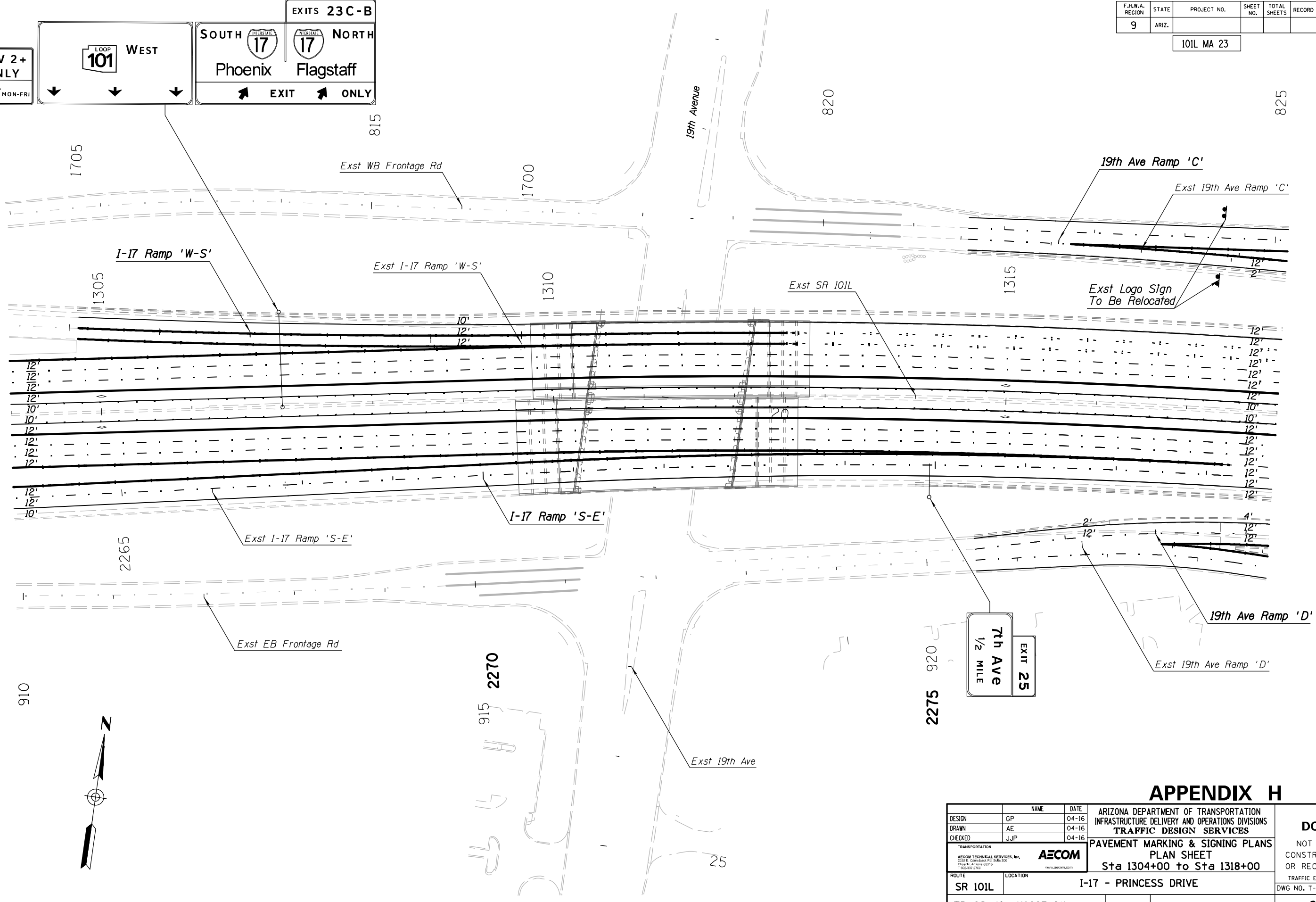
**EXITS 23 C-B**

**SOUTH INTERSTATE 17 PHOENIX**

**NORTH INTERSTATE 17 FLAGSTAFF**

**EXIT ONLY**

NO.1 DESCRIPTION OF REVISION DATE MADE BY NO.2 DESCRIPTION OF REVISION DATE MADE BY

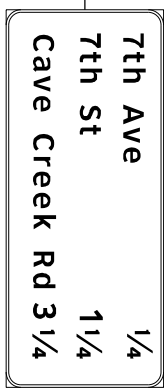
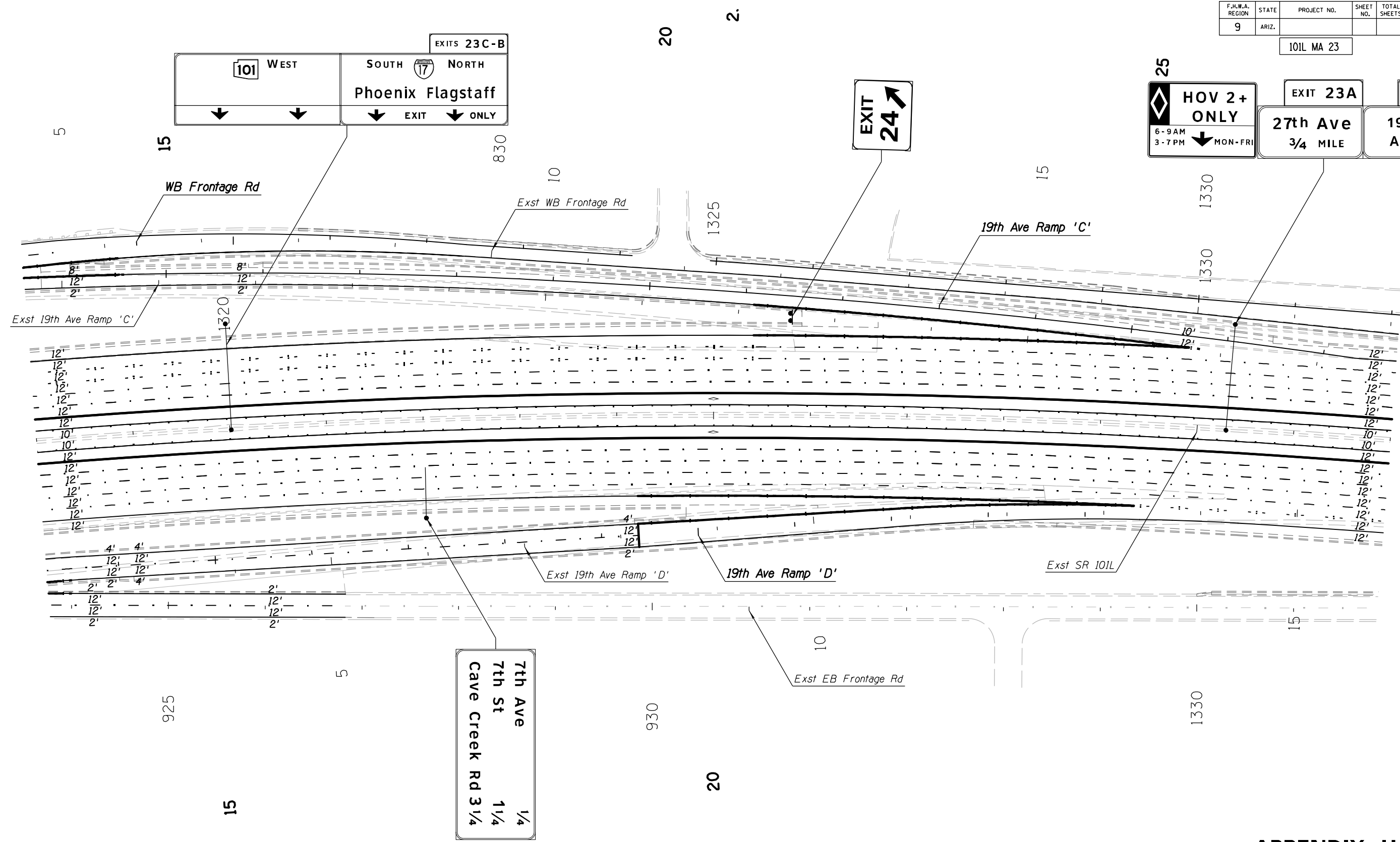
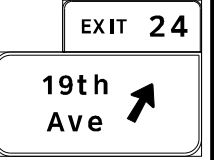
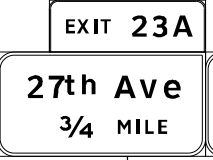
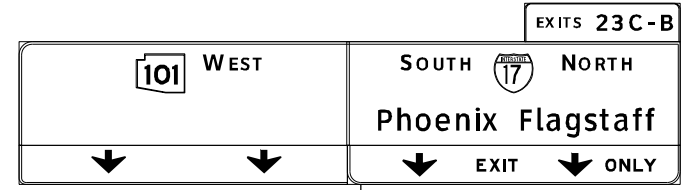


**APPENDIX H**

DESIGN	GP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>TRAFFIC DESIGN SERVICES</b> <b>PAVEMENT MARKING &amp; SIGNING PLANS</b> <b>PLAN SHEET</b> <b>Sta 1304+00 to Sta 1318+00</b>	<b>DCR</b> NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER DWG NO. T-1.02 OF
DRAWN	AE	DATE	04-16		
CHECKED	JJP	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2355 E. Camelback Rd, Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com		<b>AECOM</b>			
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L					

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



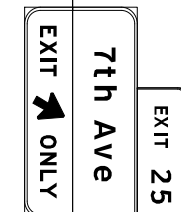
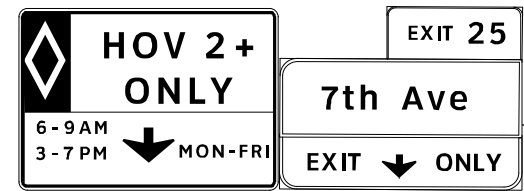
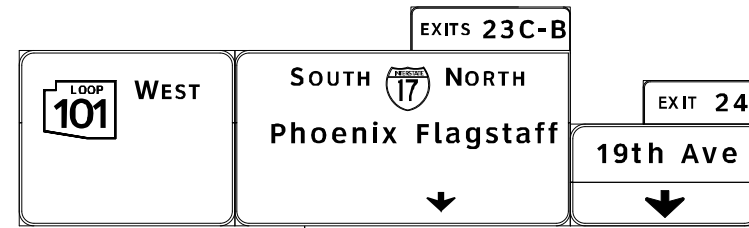
### APPENDIX H

DESIGN	GP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>TRAFFIC DESIGN SERVICES</b> <b>DCR</b> NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER DWG NO. T-1.03 OF
DRAWN	AE	DATE	04-16	
CHECKED	JJP	DATE	04-16	
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2550 E. Camelback Rd, Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com		<b>AECOM</b>		<b>PAVEMENT MARKING &amp; SIGNING PLANS</b> <b>PLAN SHEET</b> <b>Sta 1318+00 to Sta 1332+00</b>
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE	
TRACS NO. H8297 01L				

NO.1 DESCRIPTION OF REVISION  
 MADE BY  
 DATE  
 NO.2 DESCRIPTION OF REVISION  
 MADE BY  
 DATE

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



# APPENDIX H

DESIGN	GP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS TRAFFIC DESIGN SERVICES	DCR NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER DWG NO. T-1.04
DRAWN	AE	DATE	04-16		
CHECKED	JJP	DATE	04-16		
TRANSPORTATION		AECOM		PAVEMENT MARKING & SIGNING PLANS	
AECOM TECHNICAL SERVICES, Inc. 2355 E. Camelback Rd, Suite 200 Phoenix, Arizona 85016 T 602.337.2700		www.aecom.com		PLAN SHEET Sta 1332+00 to Sta 1346+00	
ROUTE	LOCATION	I-17 - PRINCESS DRIVE			
SR 101L					
TRACS NO. H8297 01L					

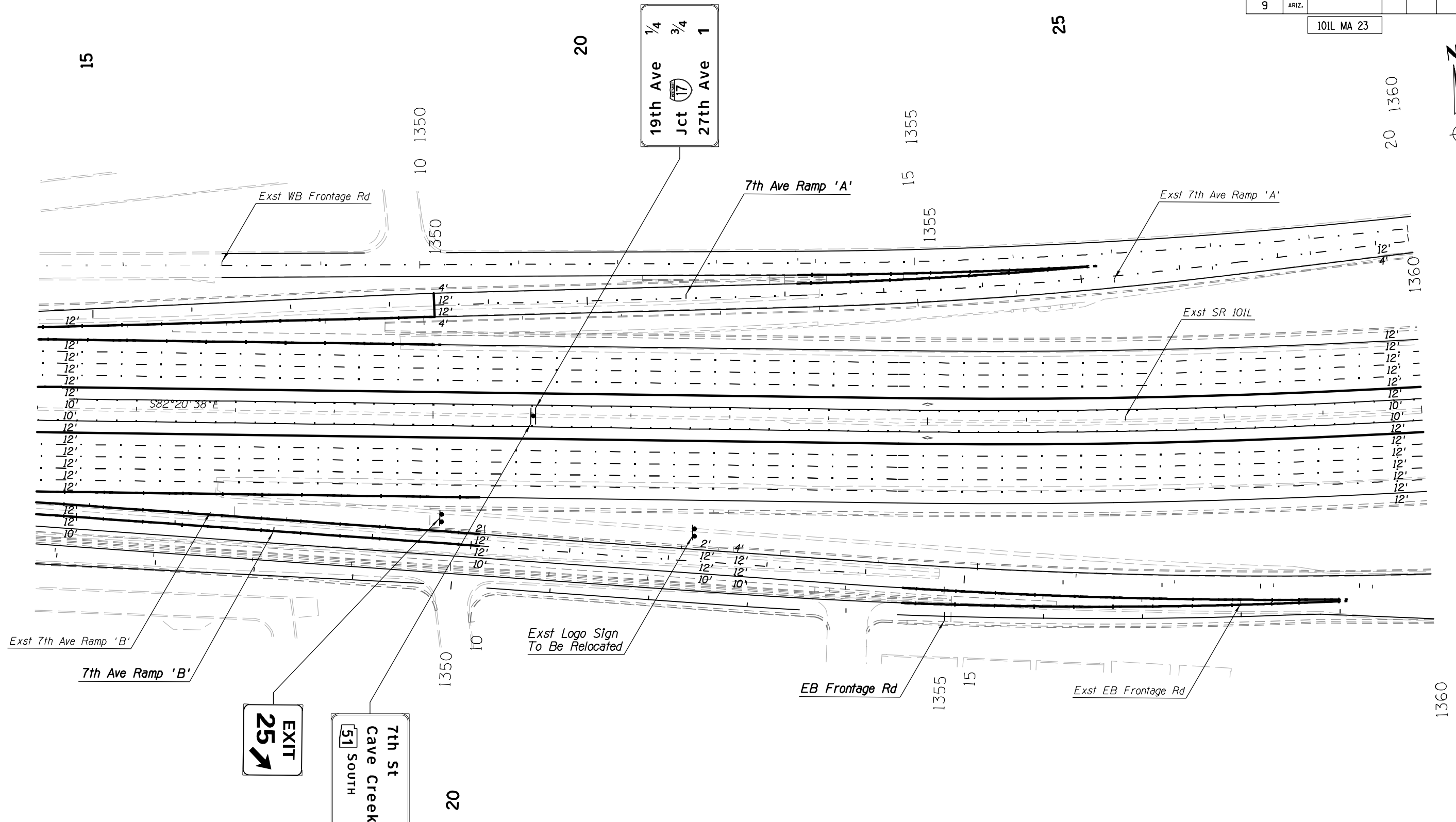
NO.1. DESCRIPTION OF REVISION DATE MADE BY NO.2. DESCRIPTION OF REVISION DATE MADE BY

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



NO.1. DESCRIPTION OF REVISION DATE MADE BY NO.2. DESCRIPTION OF REVISION DATE MADE BY



19th Ave 1/4  
Jct 17 3/4  
27th Ave 1

EXIT  
25

7th St  
Cave Creek Rd 2 3/4  
51 SOUTH 4 3/4

### APPENDIX H

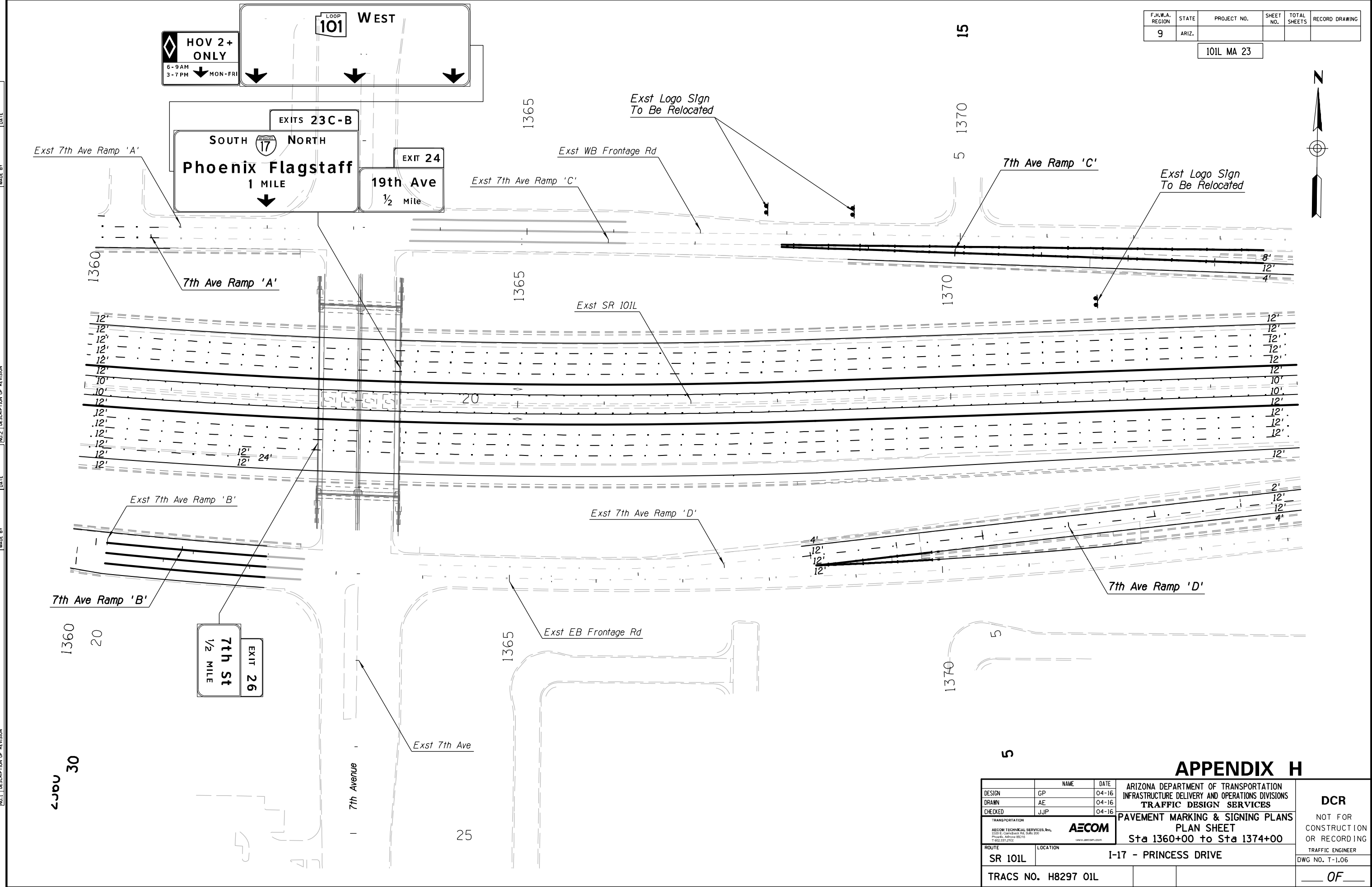
DESIGN	GP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>TRAFFIC DESIGN SERVICES</b> <b>AECOM</b> <small>AECOM TECHNICAL SERVICES, Inc.          2355 E. Camelback Rd., Suite 200          Phoenix, Arizona 85016          T 602.337.2700</small>	<b>DCR</b> NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER DWG NO. T-1.05 OF
DRAWN	AE	04-16			
CHECKED	JJP	04-16			
ROUTE		LOCATION		TRANSPORTATION <b>PAVEMENT MARKING &amp; SIGNING PLANS</b> <b>PLAN SHEET</b> <b>Sta 1346+00 to Sta 1360+00</b>	
SR 101L		I-17 - PRINCESS DRIVE			
TRACS NO. H8297 01L					

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



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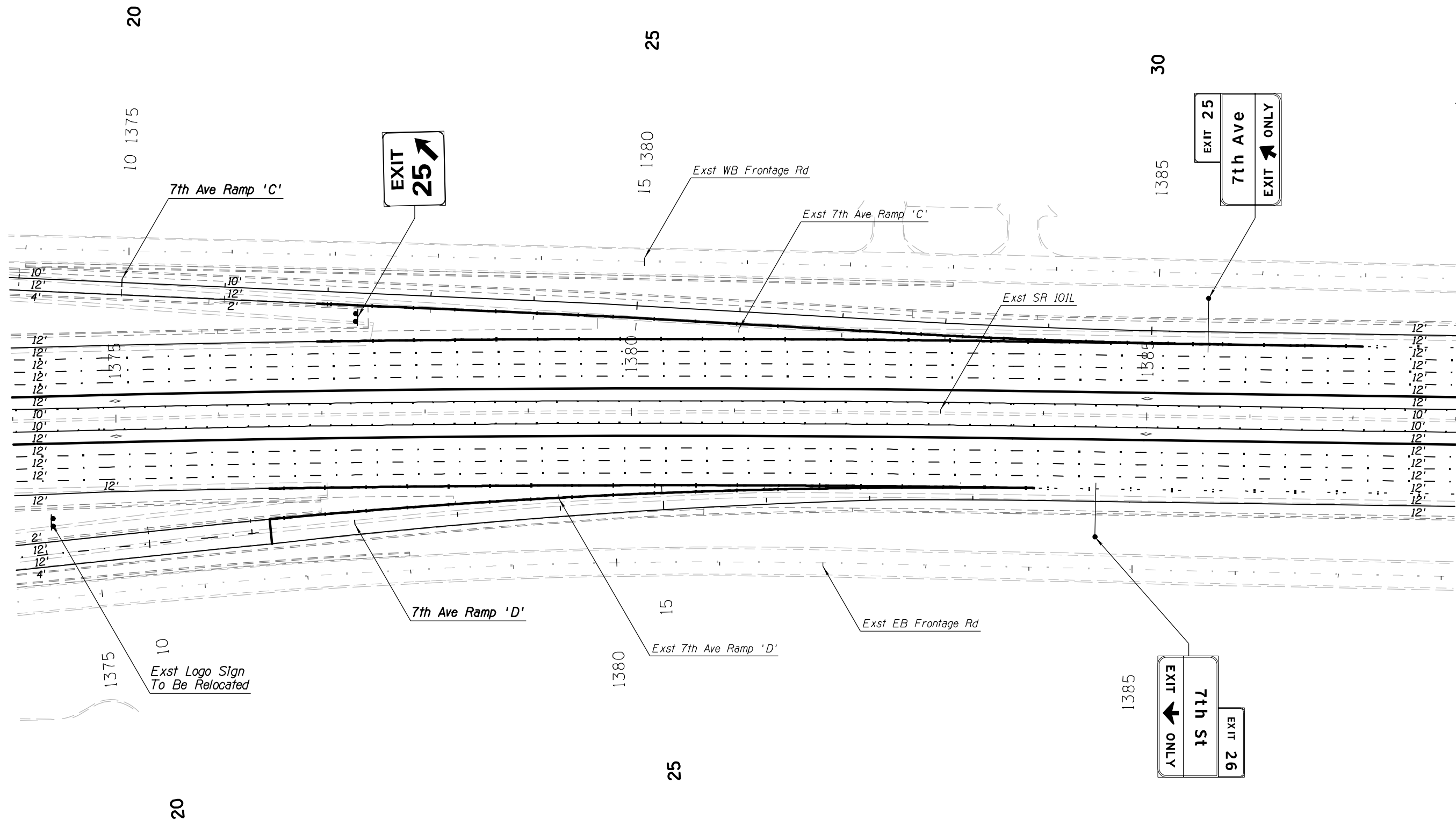


### APPENDIX H

DESIGN	GP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>TRAFFIC DESIGN SERVICES</b> <b>DCR</b> NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER DWG NO. T-1.06 OF
DRAWN	AE	DATE	04-16	
CHECKED	JJP	DATE	04-16	
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2325 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com				<b>PAVEMENT MARKING &amp; SIGNING PLANS</b> <b>PLAN SHEET</b> <b>Sta 1360+00 to Sta 1374+00</b>
ROUTE	LOCATION	I-17 - PRINCESS DRIVE		
SR 101L				
TRACS NO. H8297 01L				

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



NO.1. DESCRIPTION OF REVISION DATE MADE BY NO.2. DESCRIPTION OF REVISION DATE MADE BY

### APPENDIX H

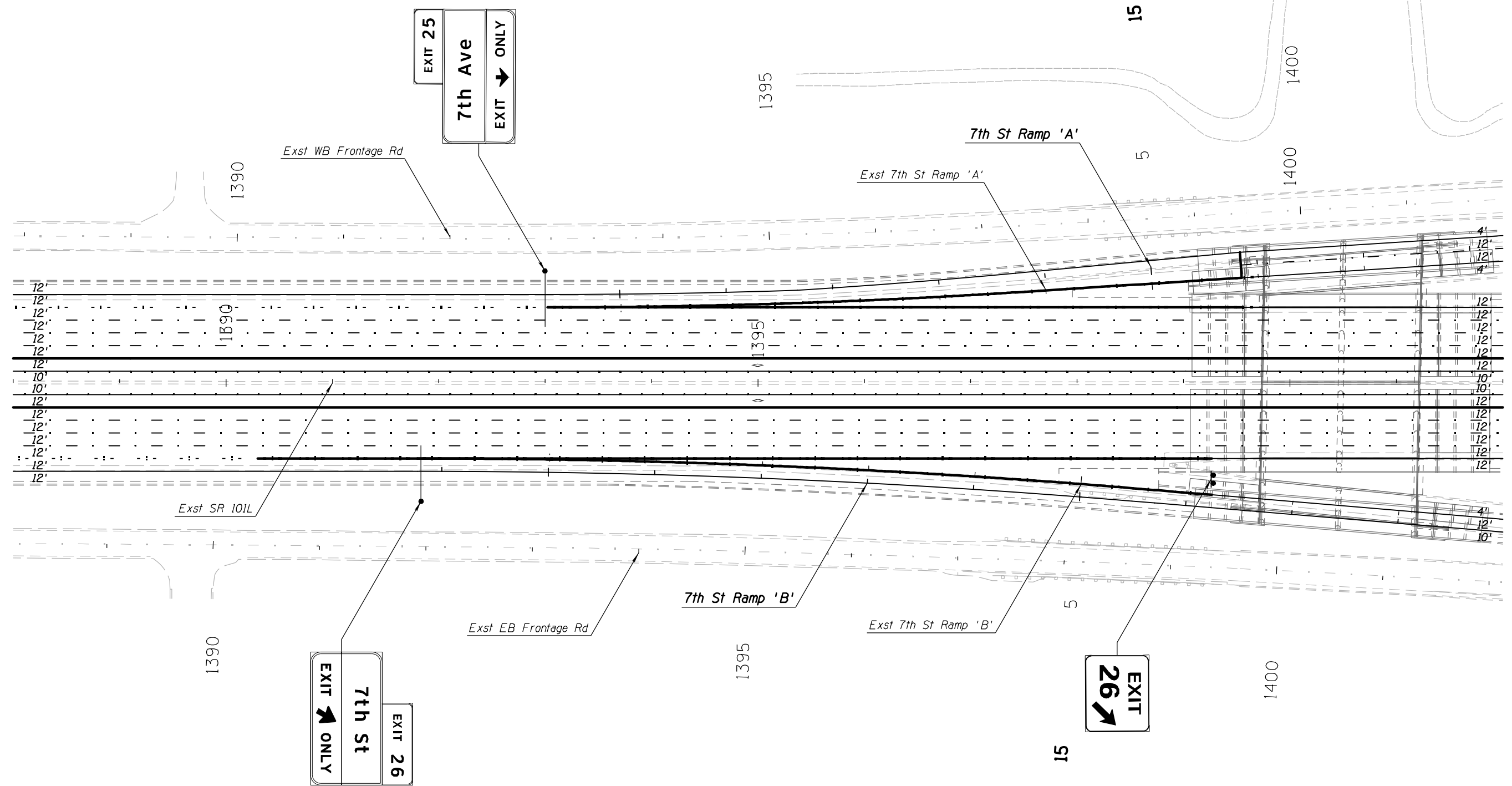
DESIGN	GP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS TRAFFIC DESIGN SERVICES	<b>DCR</b> NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER
DRAWN	AE	DATE	04-16		
CHECKED	JJP	DATE	04-16		
TRANSPORTATION		AECOM		PAVEMENT MARKING & SIGNING PLANS	
AECOM TECHNICAL SERVICES, Inc. 2555 E. Camelback Rd, Suite 200 Phoenix, Arizona 85016 T 602.337.2700		www.aecom.com		PLAN SHEET Sta 1374+00 to Sta 1388+00	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L				DWG NO. T-1.07 OF	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



NO.1 DESCRIPTION OF REVISION DATE MADE BY NO.2 DESCRIPTION OF REVISION DATE MADE BY



### APPENDIX H

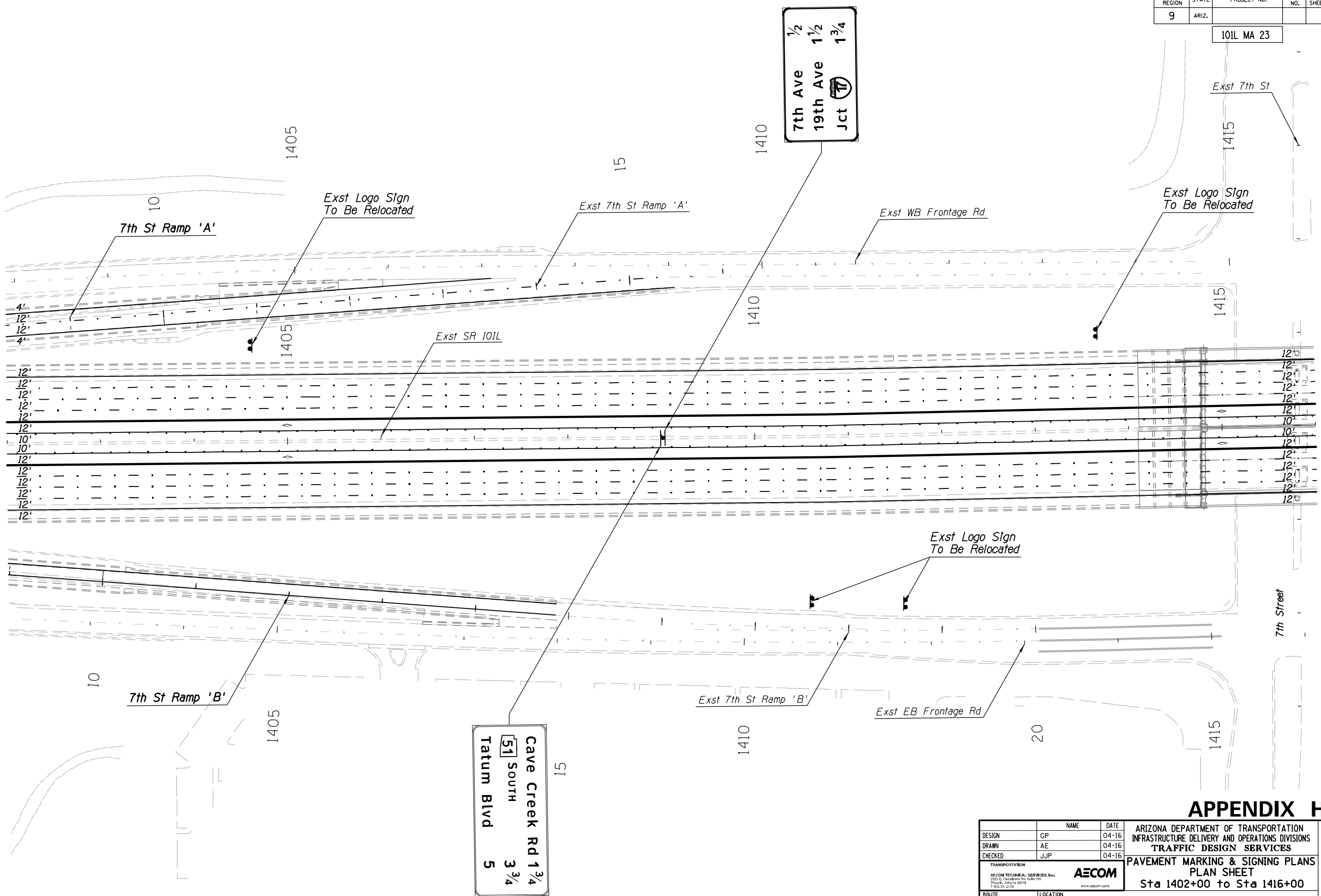
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DRAWN	AE	DATE	04-16		
CHECKED	JJP	DATE	04-16		
TRANSPORTATION		AECOM		PAVEMENT MARKING & SIGNING PLANS PLAN SHEET Sta 1388+00 to Sta 1402+00	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L		OF			

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



NO.1 DESCRIPTION OF REVISION DATE MADE BY NO.2 DESCRIPTION OF REVISION DATE MADE BY



7th Ave 1/2  
19th Ave 1 1/2  
Jct 1 3/4

Cave Creek Rd 1 3/4  
51 SOUTH  
Tatum Blvd 5 3/4

### APPENDIX H

DESIGN	GP	NAME	DATE	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS TRAFFIC DESIGN SERVICES	DCR NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER DWG NO. T-1.09
DRAWN	AE		04-16		
CHECKED	JJP		04-16		
TRANSPORTATION				PAVEMENT MARKING & SIGNING PLANS	
AECOM TECHNICAL SERVICES, Inc. 2325 E. Camelback Rd., Suite 700 Phoenix, AZ 85016 T 602.313.2100 www.aecom.com				PLAN SHEET	
				Sta 1402+00 to Sta 1416+00	
ROUTE	LOCATION	I-17 - PRINCESS DRIVE			
SR 101L					
TRACS NO. H8297 01L					



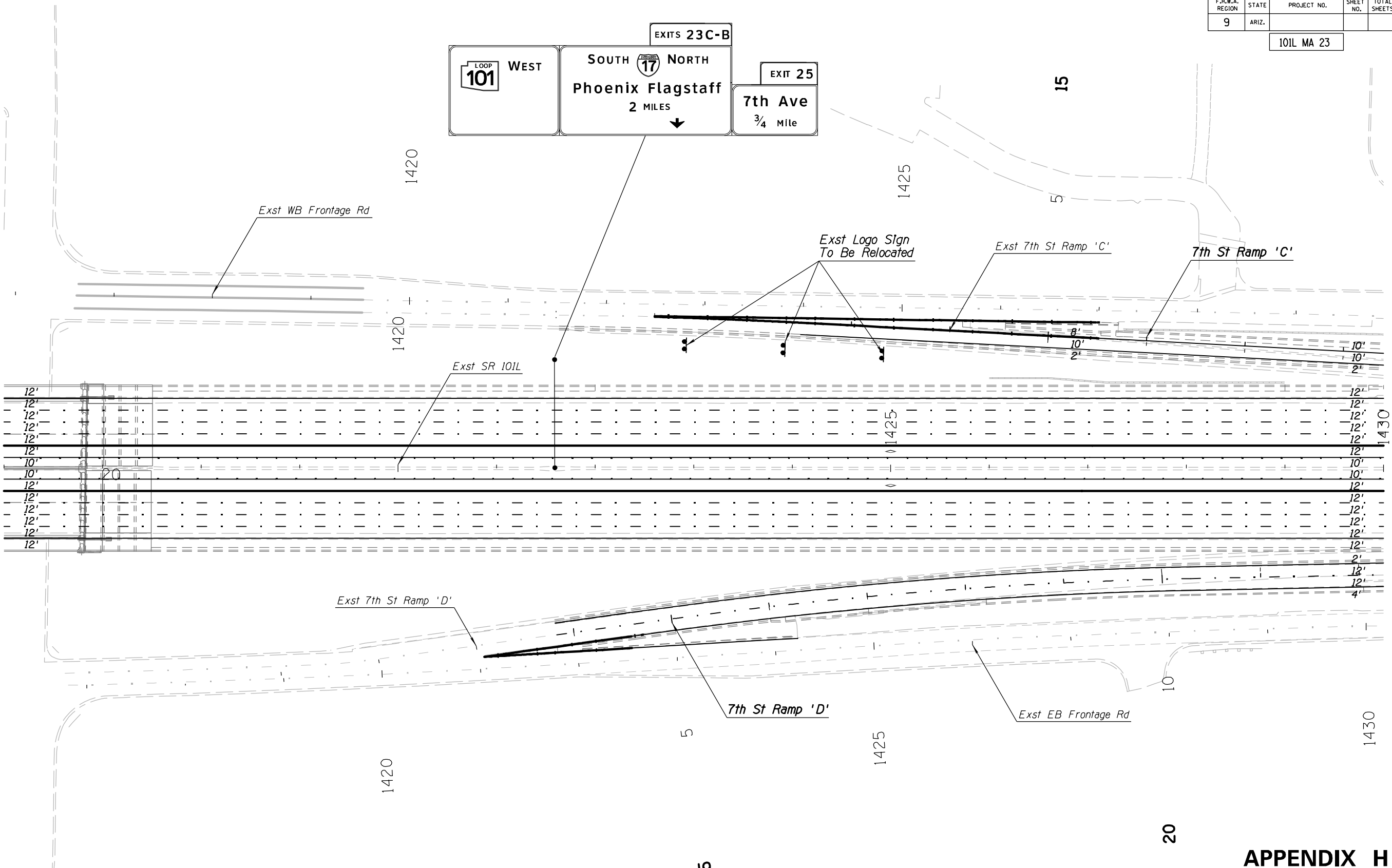
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



EXITS 23C-B

 <b>LOOP 101 WEST</b>	 <b>SOUTH 17 NORTH</b> Phoenix Flagstaff 2 MILES ↓	<b>EXIT 25</b> 7th Ave 3/4 Mile
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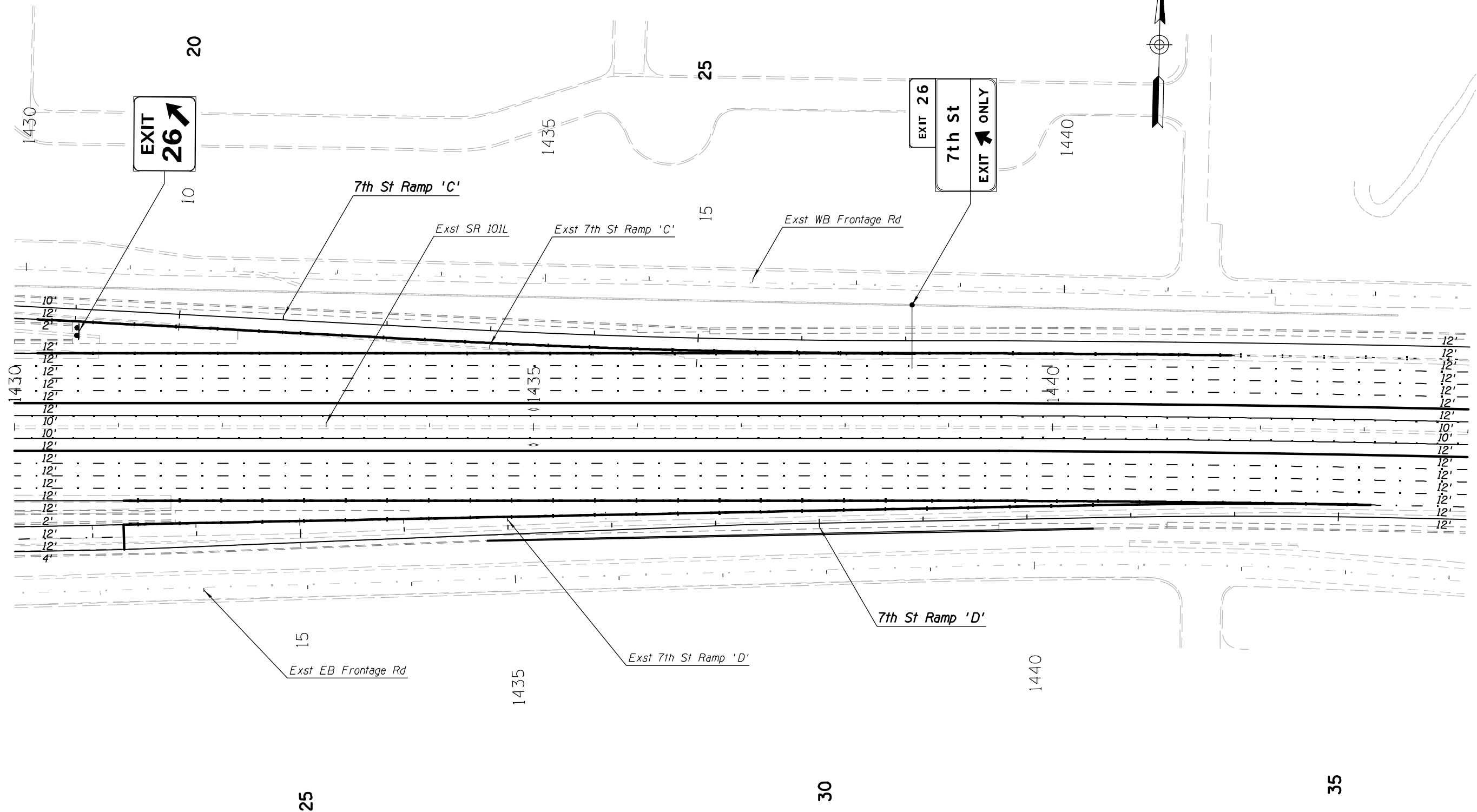
NO.1. DESCRIPTION OF REVISION DATE MADE BY NO.2. DESCRIPTION OF REVISION DATE MADE BY

## APPENDIX H

<b>DESIGN</b>	GP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>TRAFFIC DESIGN SERVICES</b>	<b>DCR</b> NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER
<b>DRAWN</b>	AE	DATE	04-16		
<b>CHECKED</b>	JJP	DATE	04-16		
TRANSPORTATION <b>AECOM</b> <small>AECOM TECHNICAL SERVICES, Inc.          2550 E. Camelback Rd., Suite 200          Phoenix, Arizona 85016          T 602.337.2700</small>					
ROUTE		LOCATION			
SR 101L		I-17 - PRINCESS DRIVE			
TRACS NO. H8297 01L			DWG NO. T-1.10		
			OF		


F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



NO.1. DESCRIPTION OF REVISION DATE MADE BY NO.2. DESCRIPTION OF REVISION DATE MADE BY

### APPENDIX H

DESIGN	GP	NAME	DATE	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS TRAFFIC DESIGN SERVICES	<b>DCR</b> NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER
DRAWN	AE		04-16		
CHECKED	JJP		04-16		
TRANSPORTATION				PAVEMENT MARKING & SIGNING PLANS	
AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd, Suite 200 Phoenix, Arizona 85016 T 602.337.2700				 <b>PLAN SHEET</b> Sta 1430+00 to Sta 1444+00	
ROUTE	LOCATION	I-17 - PRINCESS DRIVE			DWG NO. T-1.11
SR 101L		TRACS NO. H8297 01L			OF

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



EXIT 26  
7th St  
1/4 MILE  
EXIT → ONLY

1445

Exst WB Frontage Rd

1450

Exst SR 101L

1455

1445

1455

1445

Exst Logo Sign  
To Be Relocated

1450

Exst EB Frontage Rd

1455

Exst Logo Sign  
To Be Relocated

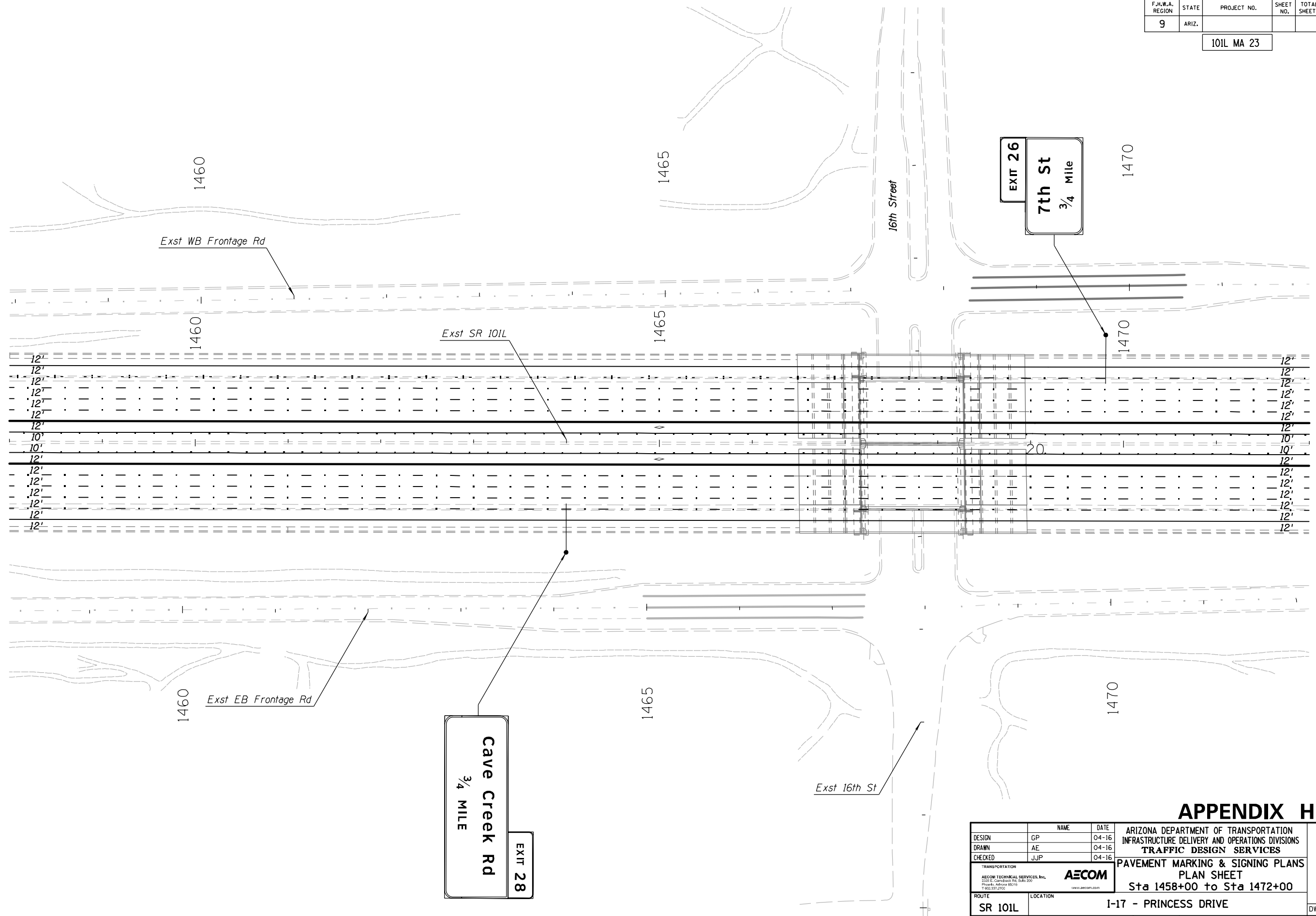
### APPENDIX H

DESIGN	GP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS TRAFFIC DESIGN SERVICES	DCR NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER
DRAWN	AE	DATE	04-16		
CHECKED	JJP	DATE	04-16		
TRANSPORTATION				PAVEMENT MARKING & SIGNING PLANS	
AECOM TECHNICAL SERVICES, Inc. 2550 E. Camelback Rd, Suite 200 Phoenix, Arizona 85016 www.aecom.com				PLAN SHEET	
SR 101L				Sta 1444+00 to Sta 1458+00	
SR 101L				I-17 - PRINCESS DRIVE	
TRACS NO. H8297 01L				DWG NO. T-1.12	
				OF	

NO.1 | DESCRIPTION OF REVISION | DATE | MADE BY | NO.2 | DESCRIPTION OF REVISION | DATE | MADE BY

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



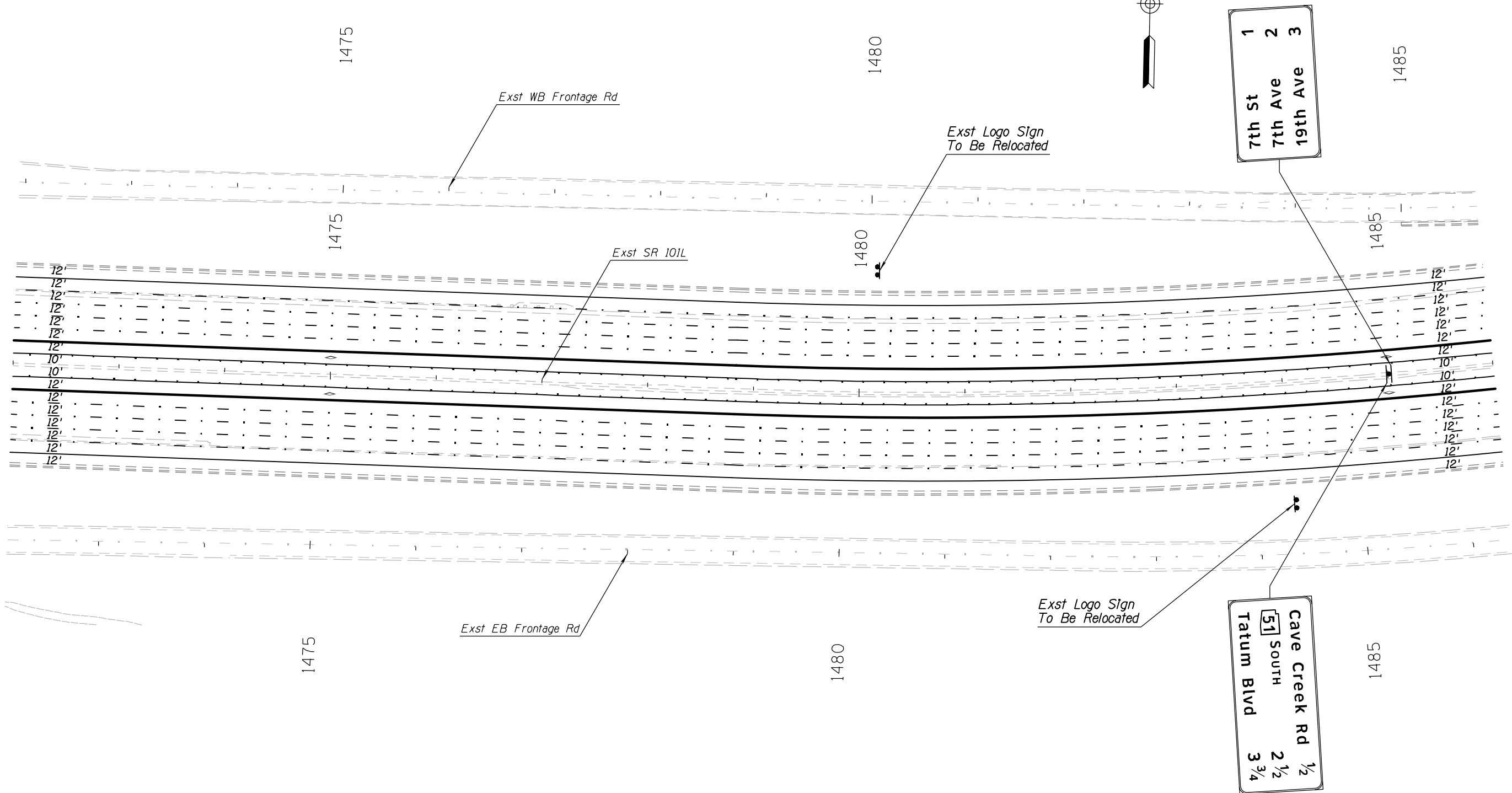
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NO.2	DESCRIPTION OF REVISION	DATE	MADE BY

### APPENDIX H

DESIGN	GP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS TRAFFIC DESIGN SERVICES	<b>DCR</b> NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER
DRAWN	AE	DATE	04-16		
CHECKED	JJP	DATE	04-16		
TRANSPORTATION				PAVEMENT MARKING & SIGNING PLANS	
AECOM TECHNICAL SERVICES, Inc. 2550 E. Camelback Rd, Suite 200 Phoenix, Arizona 85016 T 602.337.2700					
ROUTE				SR 101L	
LOCATION				I-17 - PRINCESS DRIVE	
TRACS NO. H8297 01L				DWG NO. T-1.13	
				OF	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



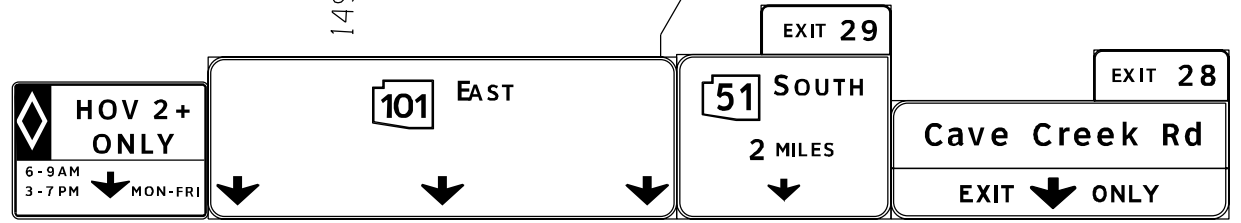
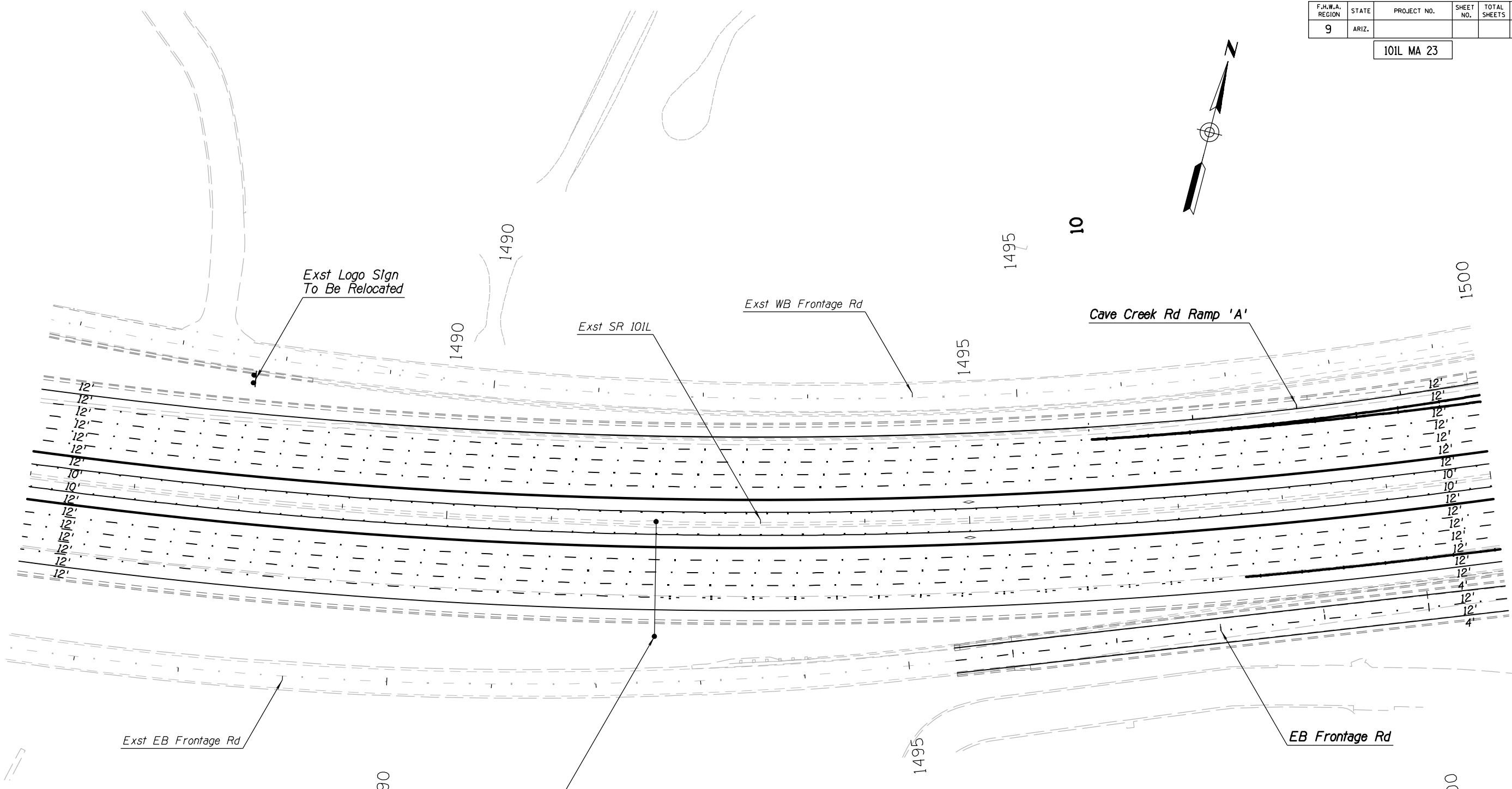
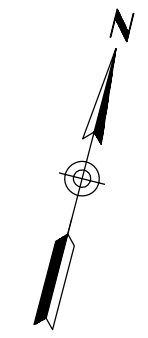
### APPENDIX H

DESIGN	GP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS TRAFFIC DESIGN SERVICES	<b>DCR</b> NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER DWG NO. T-1.14
DRAWN	AE	DATE	04-16		
CHECKED	JJP	DATE	04-16		
TRANSPORTATION		AECOM		PAVEMENT MARKING & SIGNING PLANS PLAN SHEET Sta 1472+00 to Sta 1486+00	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L		OF			

NO.1. DESCRIPTION OF REVISION DATE MADE BY NO.2. DESCRIPTION OF REVISION DATE MADE BY

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



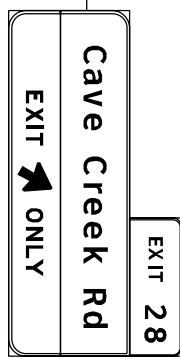
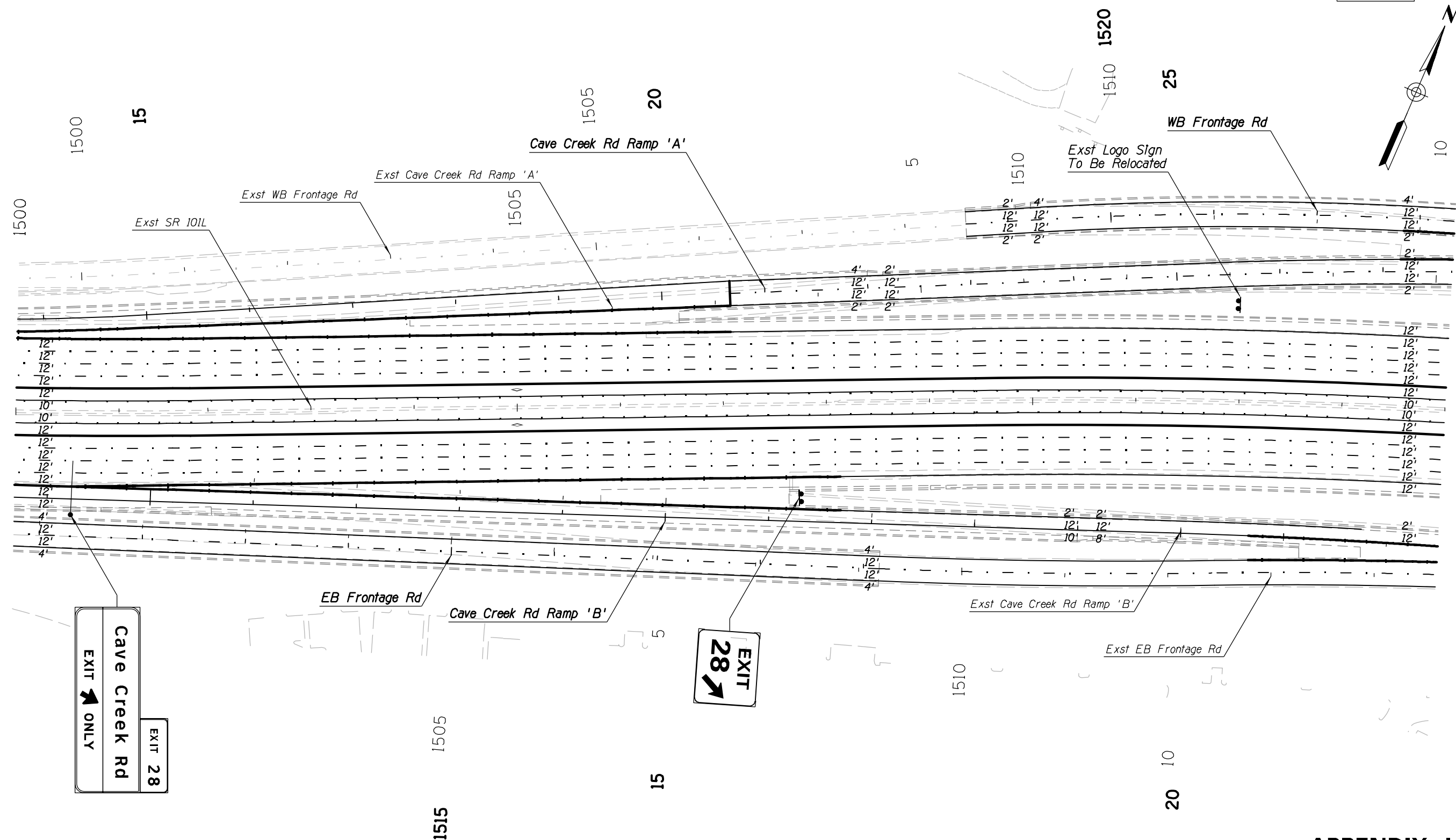
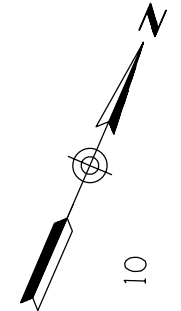
### APPENDIX H

DESIGN	GP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS TRAFFIC DESIGN SERVICES	<b>DCR</b> NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER
DRAWN	AE	DATE	04-16		
CHECKED	JJP	DATE	04-16		
TRANSPORTATION		AECOM		PAVEMENT MARKING & SIGNING PLANS PLAN SHEET Sta 1486+00 to Sta 1500+00	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L		DWG NO. T-1.15 OF			

NO.1 DESCRIPTION OF REVISION DATE MADE BY NO.2 DESCRIPTION OF REVISION DATE MADE BY

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



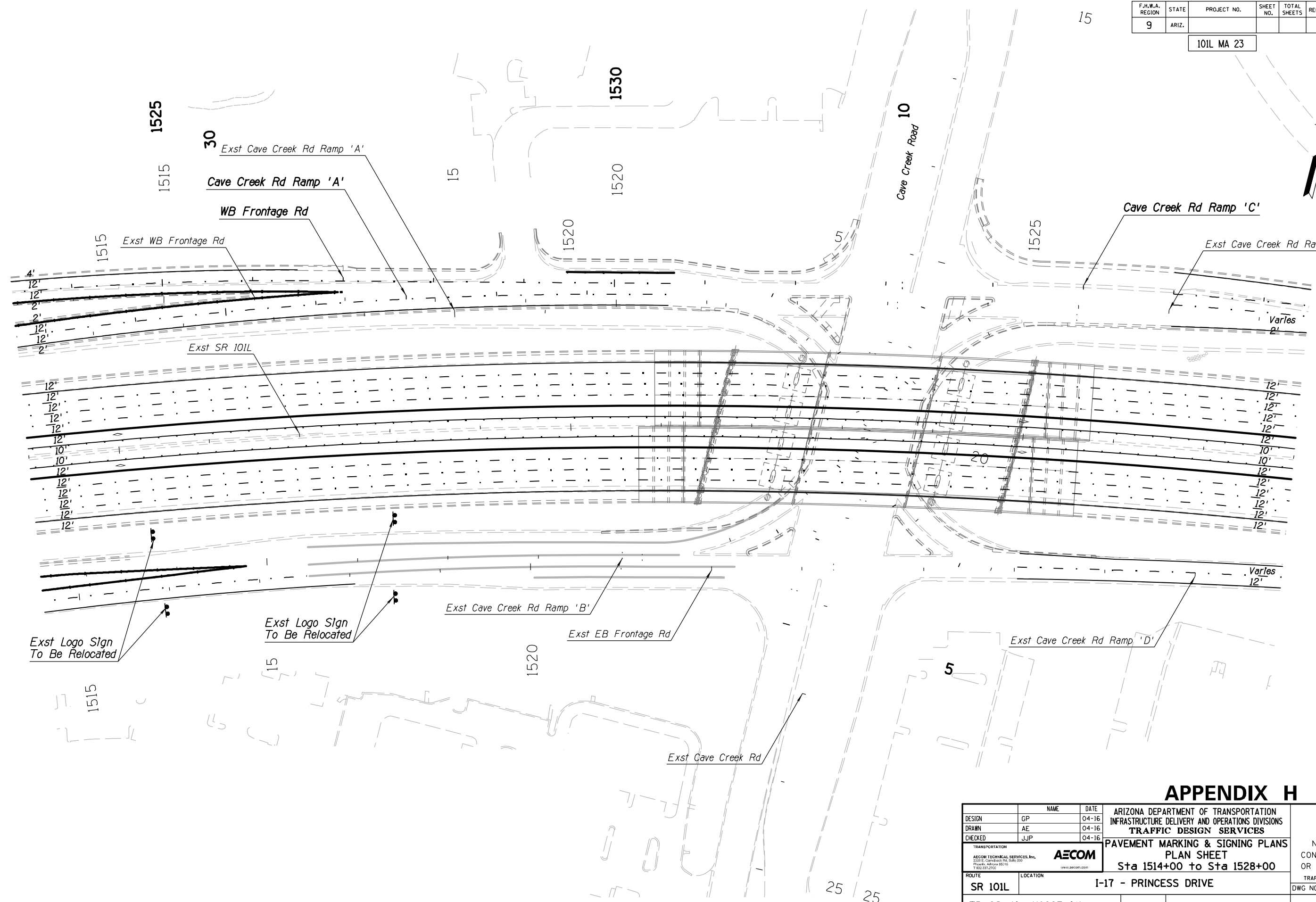
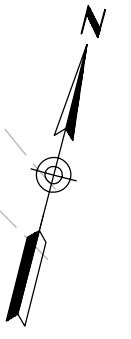
### APPENDIX H

DESIGN	GP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS TRAFFIC DESIGN SERVICES	DCR NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER
DRAWN	AE	DATE	04-16		
CHECKED	JJP	DATE	04-16		
TRANSPORTATION				<b>AECOM</b> <small>AECOM TECHNICAL SERVICES, Inc. 2325 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700</small>	<b>PAVEMENT MARKING &amp; SIGNING PLANS</b> <b>PLAN SHEET</b> <b>Sta 1500+00 to Sta 1514+00</b>
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L				DWG NO. T-1.16	OF

NO.1 DESCRIPTION OF REVISION DATE MADE BY NO.2 DESCRIPTION OF REVISION DATE MADE BY

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



NO.1. DESCRIPTION OF REVISION  
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 NO.2. DESCRIPTION OF REVISION  
 MADE BY  
 DATE

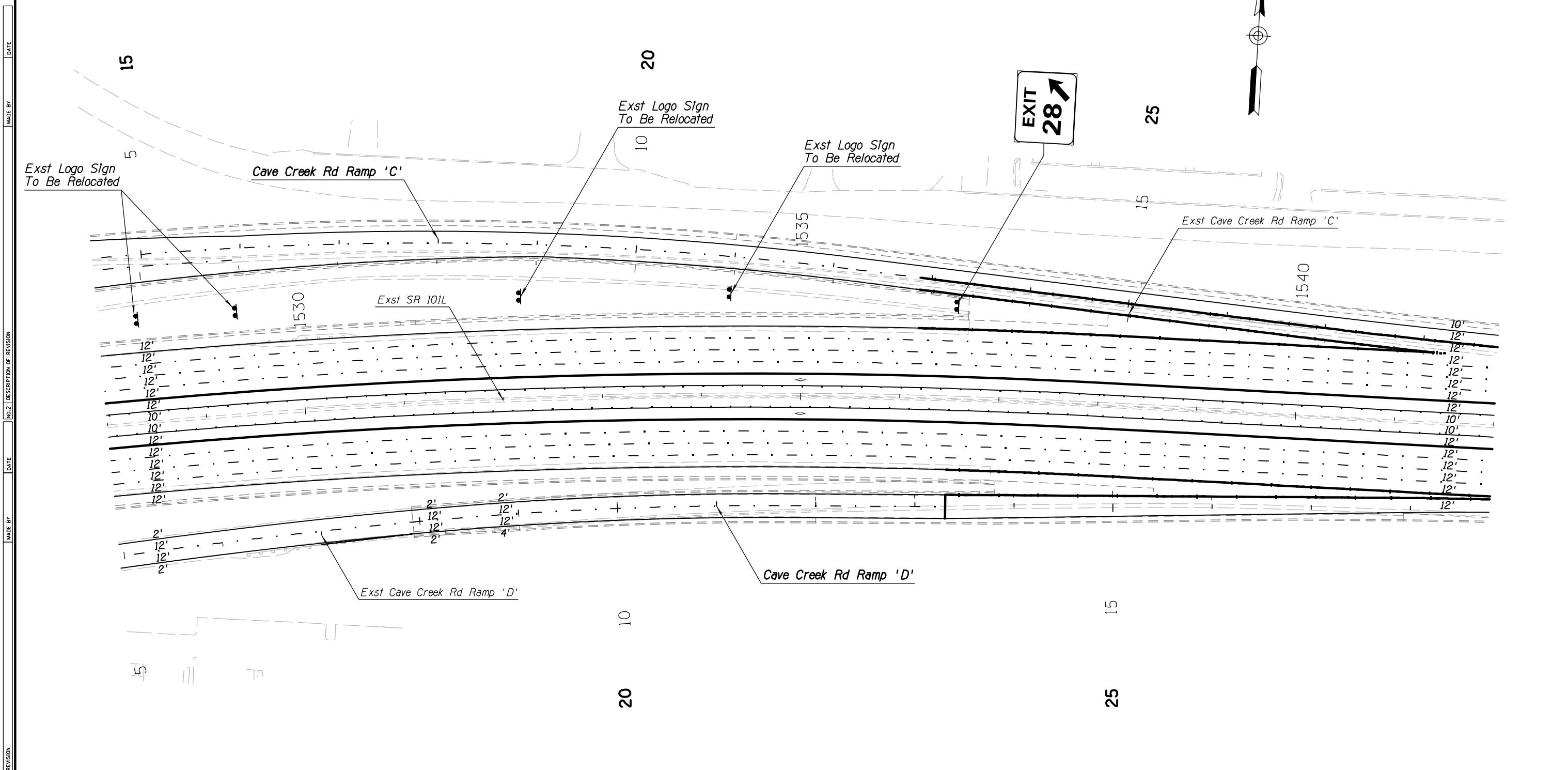
### APPENDIX H

DESIGN	GP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>TRAFFIC DESIGN SERVICES</b> <b>DCR</b> NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER
DRAWN	AE	DATE	04-16	
CHECKED	JJP	DATE	04-16	
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 <b>AECOM</b> www.aecom.com				<b>PAVEMENT MARKING &amp; SIGNING PLANS</b> <b>PLAN SHEET</b> <b>Sta 1514+00 to Sta 1528+00</b>
ROUTE	LOCATION	SR 101L I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L				DWG NO. T-1.17 OF



F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



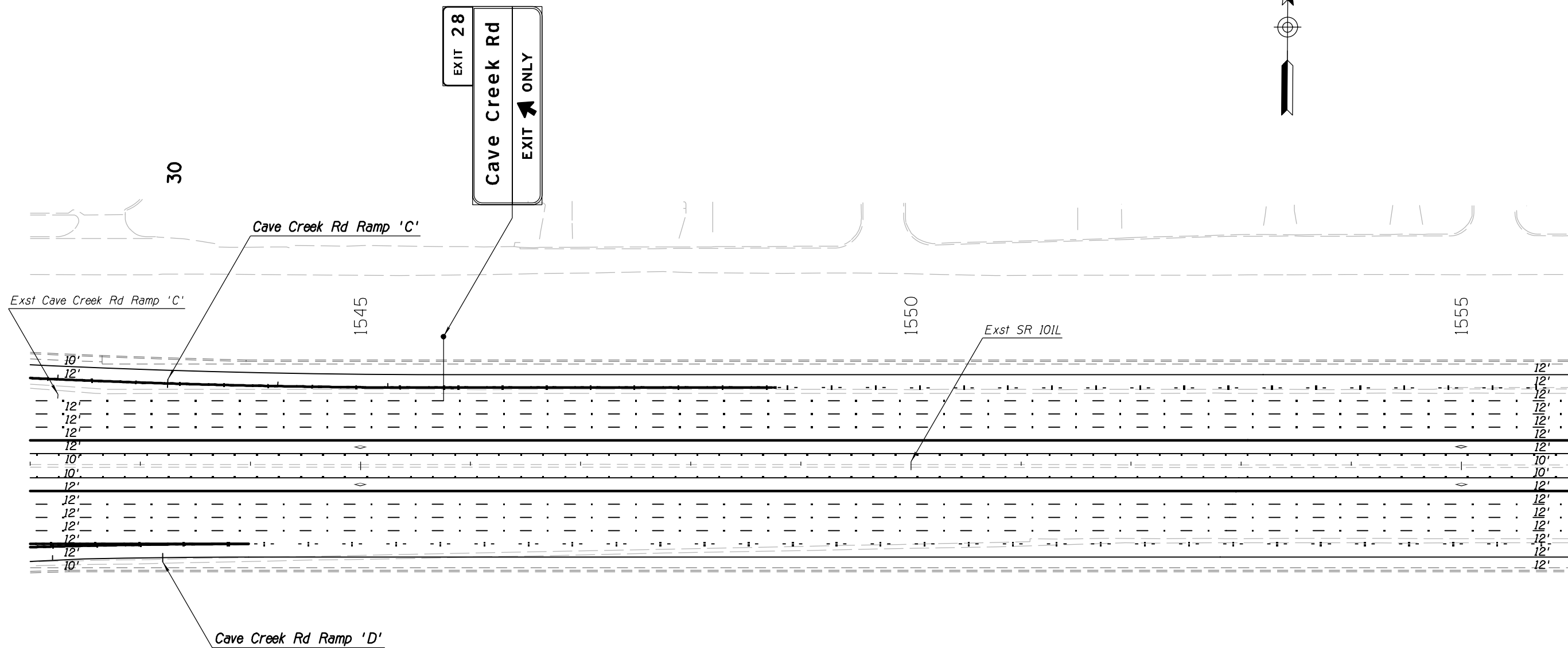
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### APPENDIX H

DESIGN	GP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>TRAFFIC DESIGN SERVICES</b> <b>DCR</b> NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER DWG NO. T-1.1B OF
DRAWN	AE	DATE	04-16	
CHECKED	JJP	DATE	04-16	
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2550 E. Camelback Rd, Suite 200 Phoenix, Arizona 85016 T 602.337.2700 <b>AECOM</b>				<b>PAVEMENT MARKING &amp; SIGNING PLANS</b> <b>PLAN SHEET</b> <b>Sta 1528+00 to Sta 1542+00</b>
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE	
TRACS NO. H8297 01L				

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



NO.1. DESCRIPTION OF REVISION DATE MADE BY NO.2. DESCRIPTION OF REVISION DATE MADE BY

### APPENDIX H

DESIGN	GP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS TRAFFIC DESIGN SERVICES	<b>DCR</b> NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER
DRAWN	AE	DATE	04-16		
CHECKED	JJP	DATE	04-16		
<small>TRANSPORTATION</small> <small>AECOM TECHNICAL SERVICES, Inc.</small> <small>2550 E. Camelback Rd., Suite 200</small> <small>Phoenix, Arizona 85016</small> <small>T 602.337.2700</small> <small>www.aecom.com</small>				<b>PAVEMENT MARKING &amp; SIGNING PLANS</b> <b>PLAN SHEET</b> <b>Sta 1542+00 to Sta 1556+00</b>	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L				DWG NO. T-1.19	
				OF	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

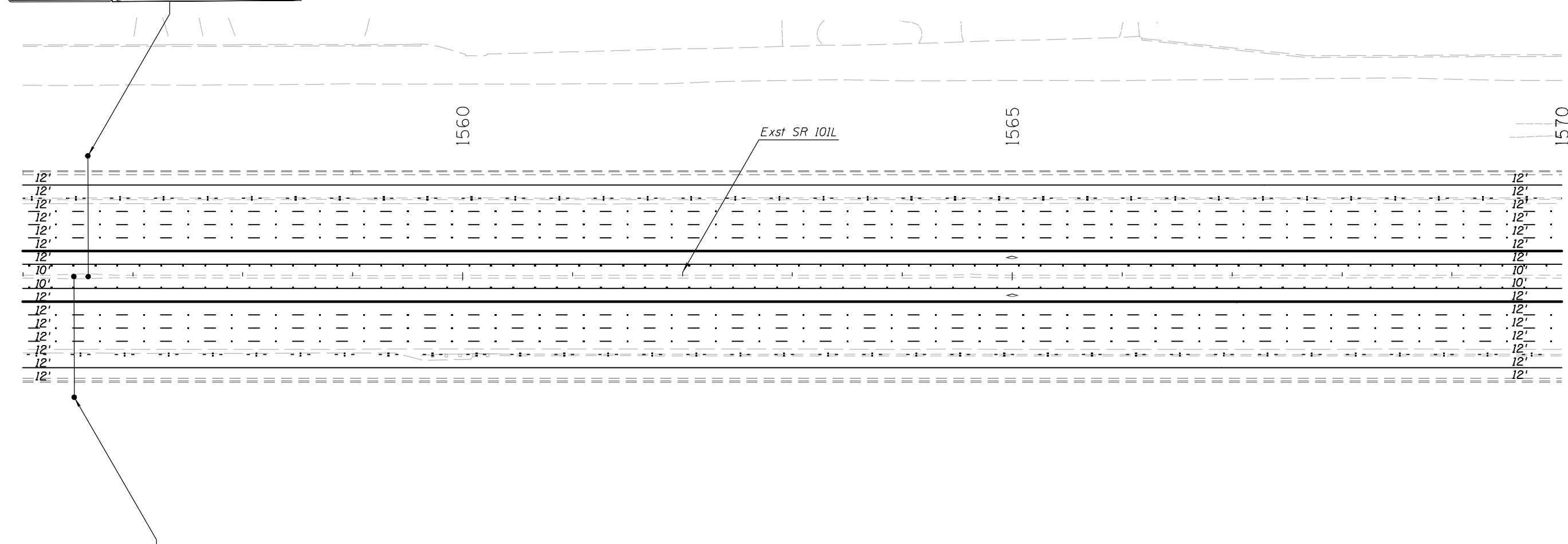
101L MA 23



**EXIT 28**

**HOV 2+ ONLY**  
6 - 9 AM  
3 - 7 PM MON-FRI

**Cave Creek Rd**  
1/4 MILE



**HOV 2+ ONLY**  
6 - 9 AM  
3 - 7 PM MON-FRI

**101 EAST**

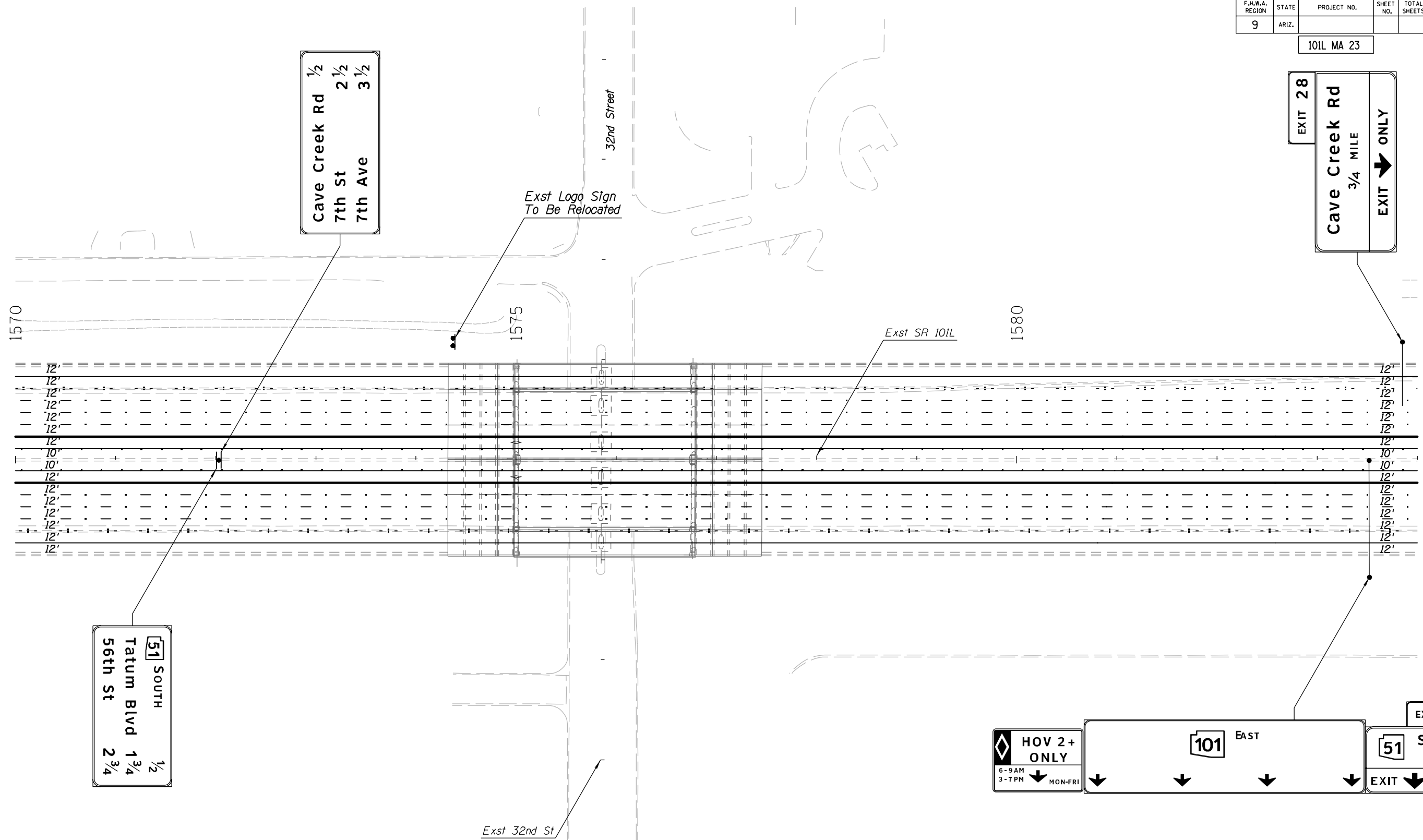
### APPENDIX H

DESIGN	GP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>TRAFFIC DESIGN SERVICES</b>	<b>DCR</b> NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER DWG NO. T-1.20
DRAWN	AE	DATE	04-16		
CHECKED	JJP	DATE	04-16		
TRANSPORTATION				<b>AECOM</b>	<b>PAVEMENT MARKING &amp; SIGNING PLANS PLAN SHEET Sta 1556+00 to Sta 1570+00</b>
AECOM TECHNICAL SERVICES, Inc. 2550 E. Camelback Rd, Suite 200 Phoenix, Arizona 85016 T 602.337.2700					
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L					<u>  0F  </u>

MADE BY: DATE: NO.1 DESCRIPTION OF REVISION: NO.2 DESCRIPTION OF REVISION: DATE: MADE BY: DATE:

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



Cave Creek Rd  
7th St 1/2  
7th Ave 2 1/2  
3 1/2

51 SOUTH  
Tatum Blvd 1 1/2  
56th St 2 3/4

EXIT 28  
Cave Creek Rd  
3/4 MILE  
EXIT ONLY

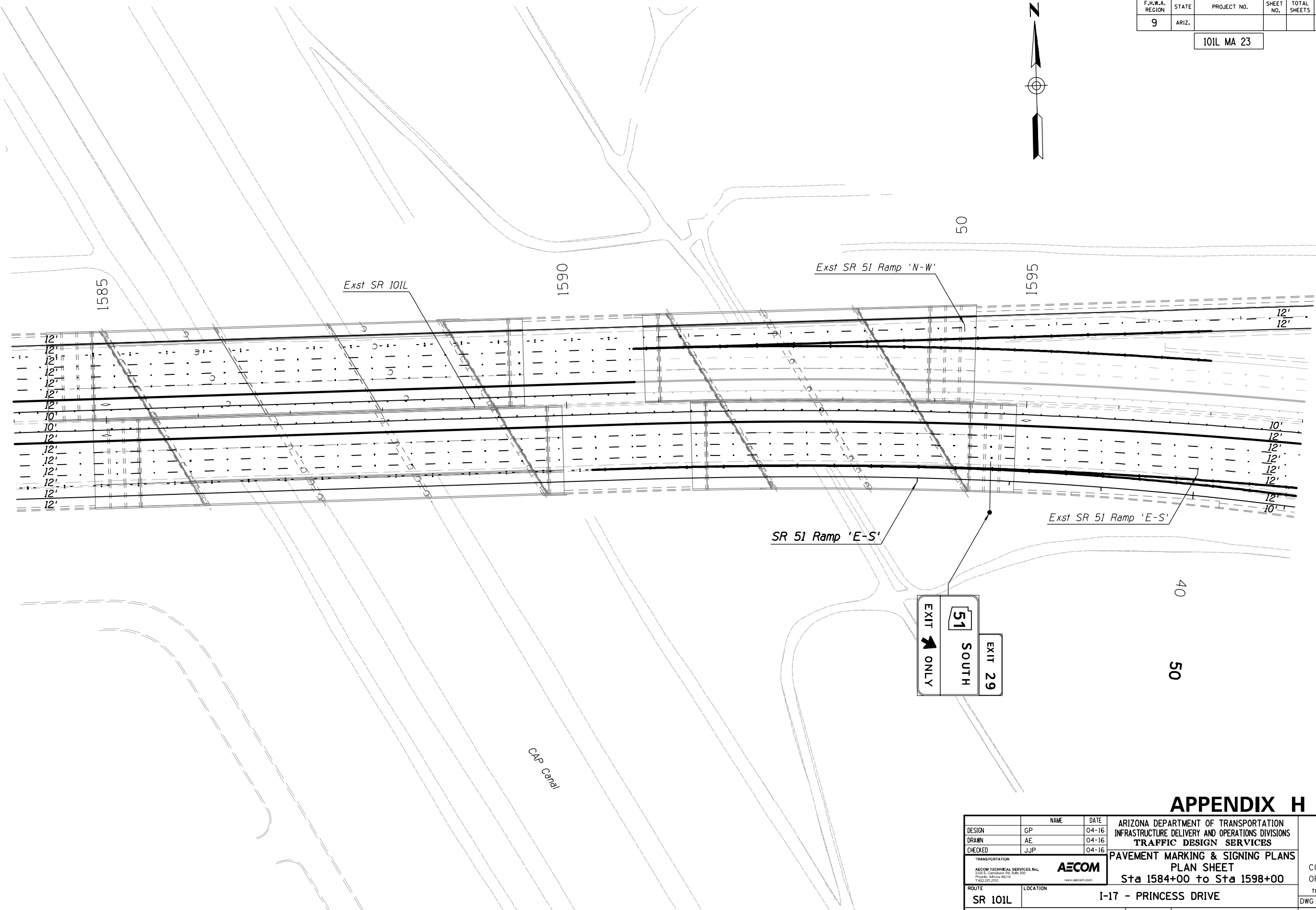

### APPENDIX H

DESIGN	GP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS TRAFFIC DESIGN SERVICES <b>PAVEMENT MARKING &amp; SIGNING PLANS</b> <b>PLAN SHEET</b> <b>Sta 1570+00 to Sta 1584+00</b>	<b>DCR</b> NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER DWG NO. T-1.21 OF
DRAWN	AE	DATE	04-16		
CHECKED	JJP	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2550 E. Camelback Rd, Suite 200 Phoenix, Arizona 85016 T 602.337.2700		<b>AECOM</b> www.aecom.com			
ROUTE	LOCATION	I-17 - PRINCESS DRIVE			
SR 101L		TRACS NO. H8297 01L			

NO.1 DESCRIPTION OF REVISION DATE MADE BY NO.2 DESCRIPTION OF REVISION DATE MADE BY

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



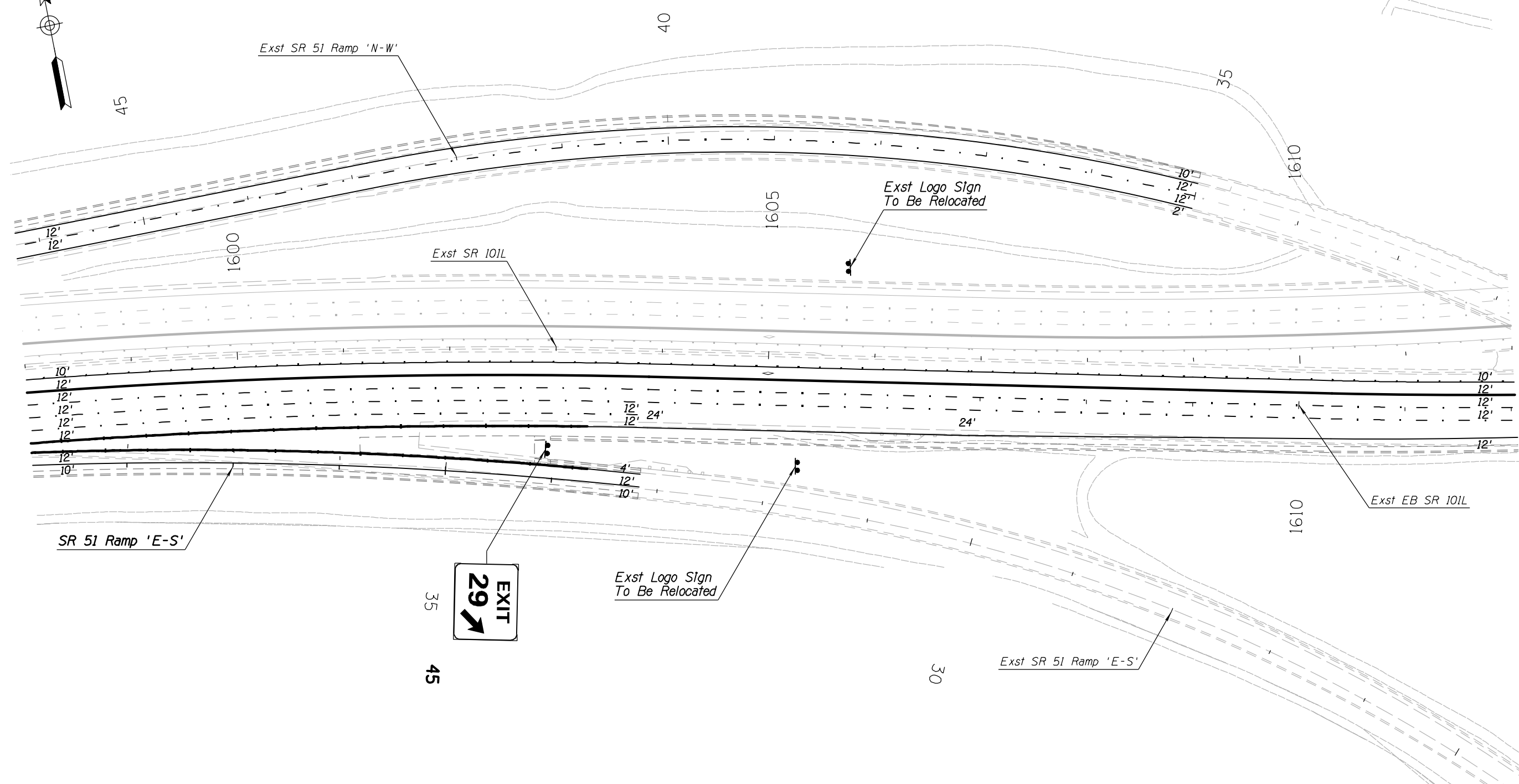
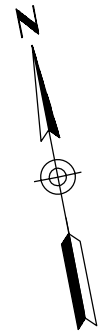
NO.1	DESCRIPTION OF REVISION	DATE	MADE BY
NO.2	DESCRIPTION OF REVISION	DATE	MADE BY

### APPENDIX H

DESIGN	GP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>TRAFFIC DESIGN SERVICES</b> <b>AECOM</b> <small>AECOM TECHNICAL SERVICES, Inc.          2550 E. Camelback Rd., Suite 200          Phoenix, Arizona 85016          T 602.337.2700</small>	<b>DCR</b> NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER DWG NO. T-1.22 OF
DRAWN	AE	DATE	04-16		
CHECKED	JJP	DATE	04-16		
ROUTE		LOCATION		TRANSPORTATION <b>SR 101L</b> <b>I-17 - PRINCESS DRIVE</b> <b>Sta 1584+00 to Sta 1598+00</b>	
TRACS NO. H8297 01L					

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

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NO.1. DESCRIPTION OF REVISION DATE MADE BY NO.2. DESCRIPTION OF REVISION DATE MADE BY

### APPENDIX H

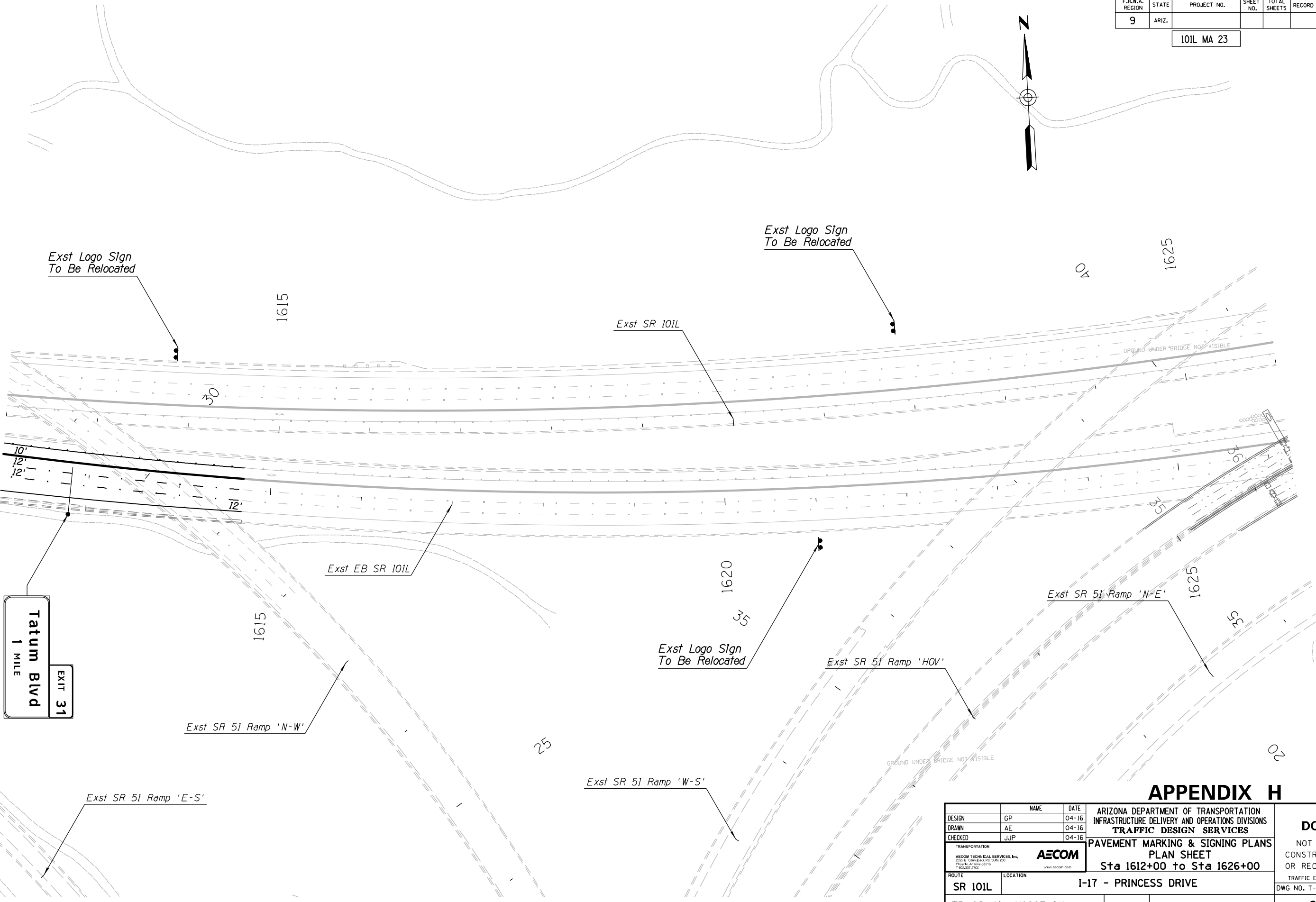
DESIGN	GP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS TRAFFIC DESIGN SERVICES	<b>DCR</b> NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER
DRAWN	AE	DATE	04-16		
CHECKED	JJP	DATE	04-16		
<small>TRANSPORTATION</small> <small>AECOM TECHNICAL SERVICES, Inc.</small> <small>2355 E. Camelback Rd., Suite 200</small> <small>Phoenix, Arizona 85016</small> <small>T 602.337.2700</small> <small>www.aecom.com</small>				<b>AECOM</b> <b>PAVEMENT MARKING &amp; SIGNING PLANS</b> <b>PLAN SHEET</b> <b>Sta 1598+00 to Sta 1612+00</b>	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L				DWG NO. T-1.23	
				OF	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



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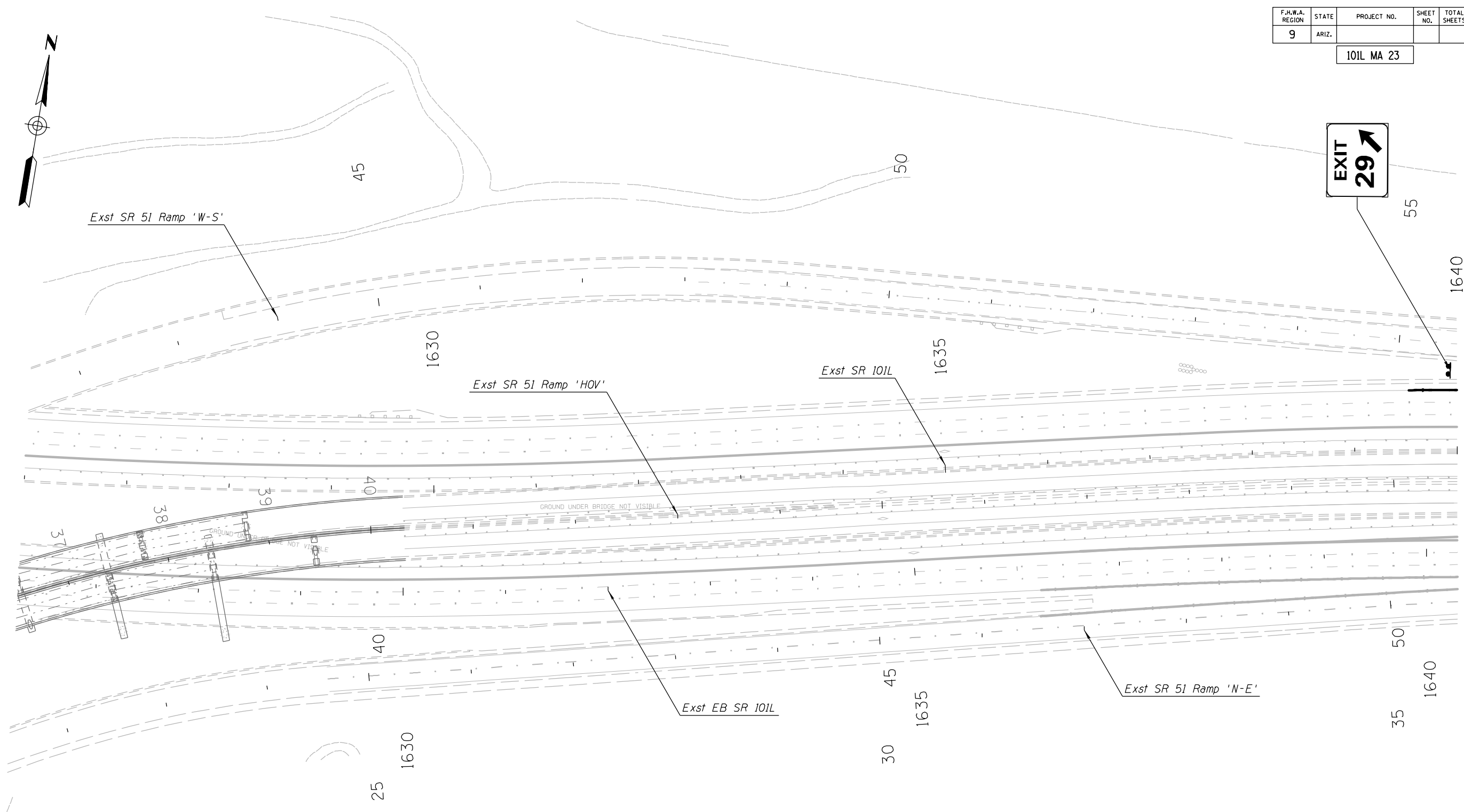


### APPENDIX H

DESIGN	GP	NAME	DATE	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>TRAFFIC DESIGN SERVICES</b> <b>PAVEMENT MARKING &amp; SIGNING PLANS</b> <b>PLAN SHEET</b> <b>Sta 1612+00 to Sta 1626+00</b>	<b>DCR</b> NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER DWG NO. T-1.24 OF
DRAWN	AE		04-16		
CHECKED	JJP		04-16		
<small>TRANSPORTATION</small> <small>AECOM TECHNICAL SERVICES, Inc.</small> <small>2550 E. Camelback Rd., Suite 200</small> <small>Phoenix, Arizona 85016</small> <small>T 602.337.2700</small> <small>www.aecom.com</small>		<b>AECOM</b>			
ROUTE	LOCATION	SR 101L I-17 - PRINCESS DRIVE			
TRACS NO. H8297 01L					

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



NO.1 DESCRIPTION OF REVISION  
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NO.2 DESCRIPTION OF REVISION  
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DATE

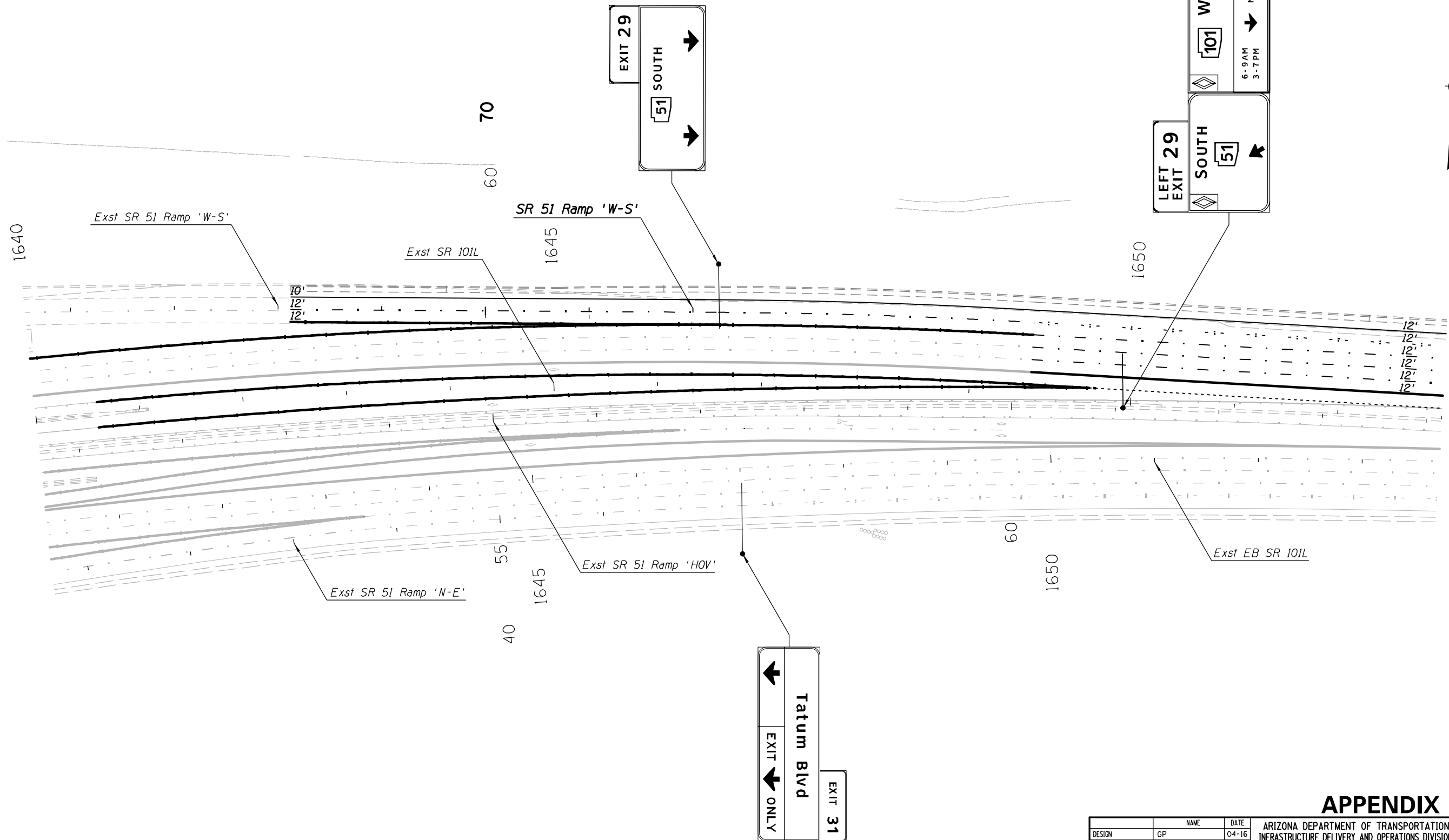
### APPENDIX H

DESIGN	GP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS TRAFFIC DESIGN SERVICES	<b>DCR</b> NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER
DRAWN	AE	DATE	04-16		
CHECKED	JJP	DATE	04-16		
TRANSPORTATION					<b>PAVEMENT MARKING &amp; SIGNING PLANS</b> <b>PLAN SHEET</b> <b>Sta 1626+00 to Sta 1640+00</b>
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L					DWG NO. T-1.25 OF



F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
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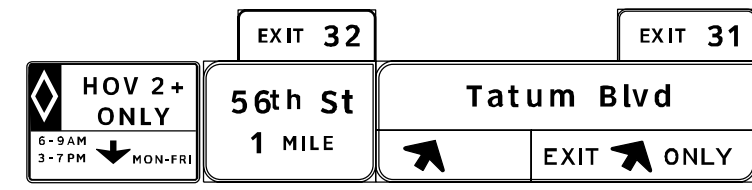
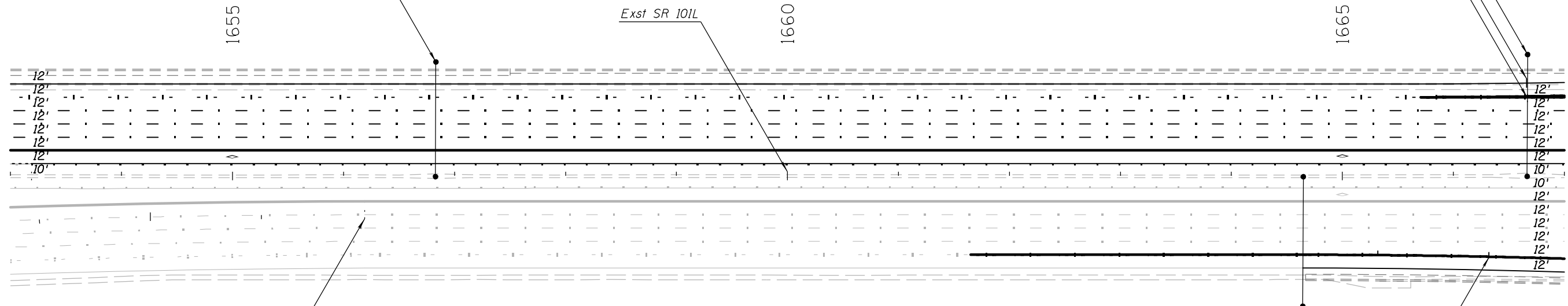
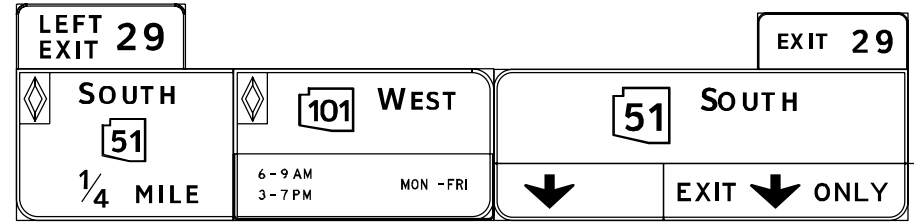
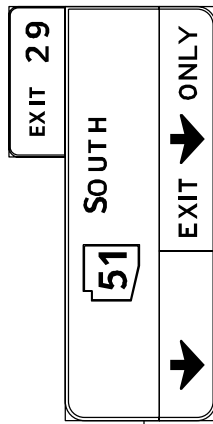
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### APPENDIX H

DESIGN	GP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>TRAFFIC DESIGN SERVICES</b> <b>DCR</b> NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER DWG NO. T-1.26 OF
DRAWN	AE	DATE	04-16	
CHECKED	JJP	DATE	04-16	
TRANSPORTATION <small>AECOM TECHNICAL SERVICES, Inc.          2355 E. Camelback Rd., Suite 200          Phoenix, Arizona 85016          T 602.337.2700</small>				<b>AECOM</b> <small>www.aecom.com</small>
<b>PAVEMENT MARKING &amp; SIGNING PLANS</b> <b>PLAN SHEET</b> <b>Sta 1640+00 to Sta 1653+00</b>				
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE	
TRACS NO. H8297 01L				

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



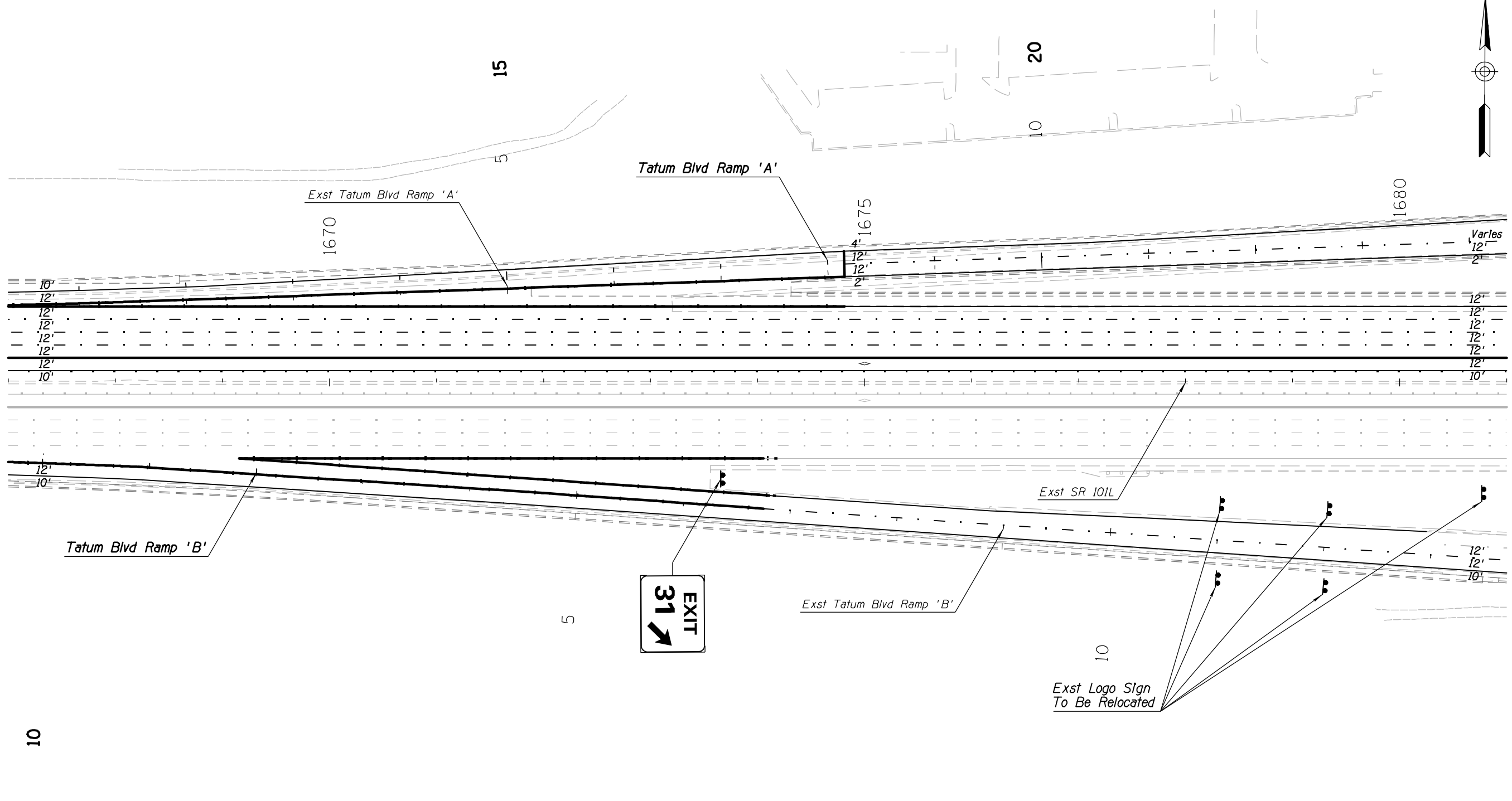
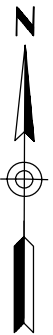
NO.1 | DESCRIPTION OF REVISION | DATE | MADE BY | NO.2 | DESCRIPTION OF REVISION | DATE | MADE BY

### APPENDIX H

DESIGN	GP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS TRAFFIC DESIGN SERVICES	<b>DCR</b> NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER
DRAWN	AE	DATE	04-16		
CHECKED	JJP	DATE	04-16		
TRANSPORTATION		AECOM		PAVEMENT MARKING & SIGNING PLANS PLAN SHEET Sta 1653+00 to Sta 1667+00	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L				DWG NO. T-1.27 OF	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

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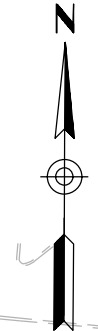
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### APPENDIX H

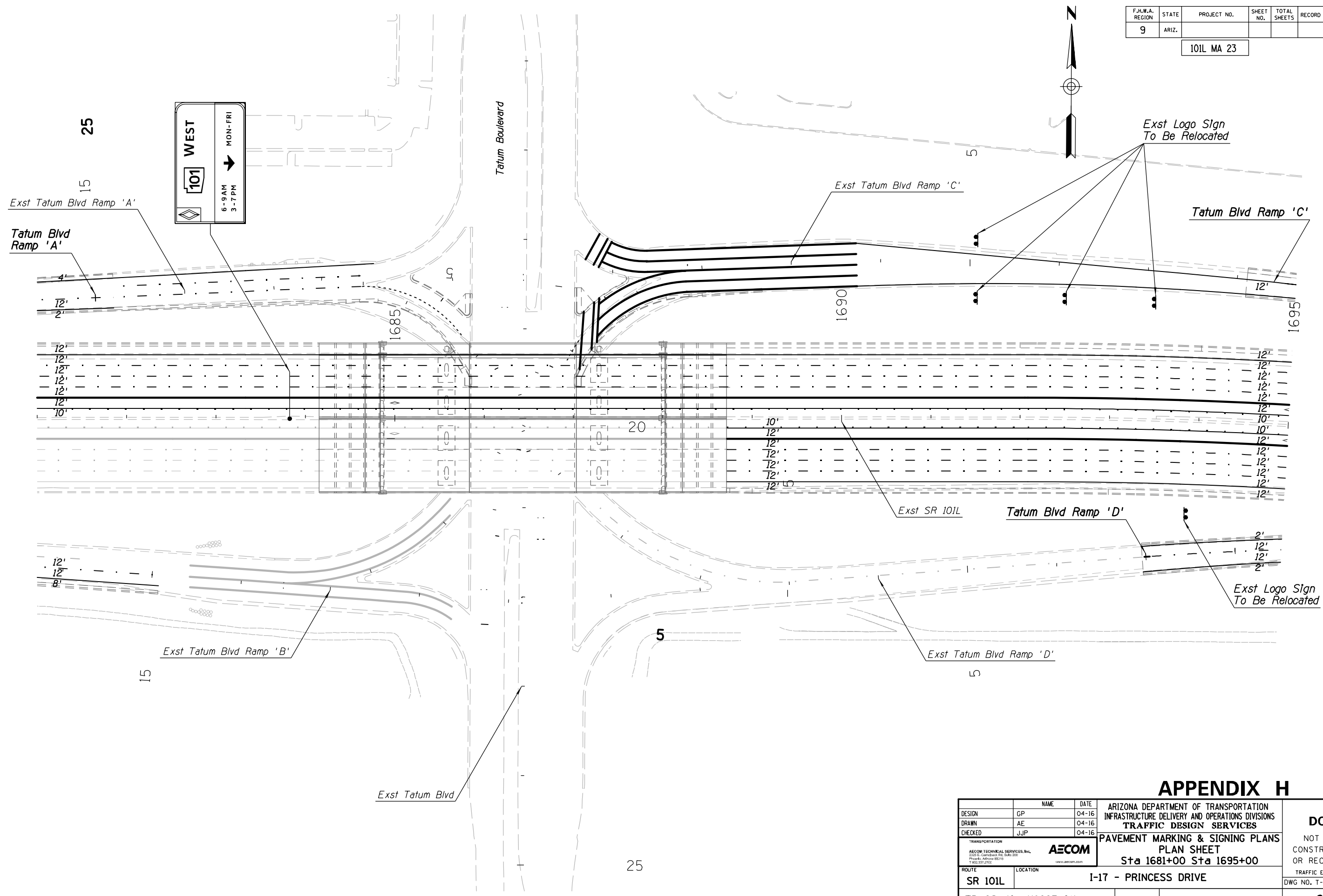
DESIGN	GP	NAME	DATE	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS TRAFFIC DESIGN SERVICES	DCR NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER DWG NO. T-1.2B
DRAWN	AE		04-16		
CHECKED	JJP		04-16		
TRANSPORTATION		AECOM		PAVEMENT MARKING & SIGNING PLANS PLAN SHEET Sta 1667+00 to Sta 1681+00	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L		OF			

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

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NO.1 DESCRIPTION OF REVISION DATE MADE BY NO.2 DESCRIPTION OF REVISION DATE MADE BY

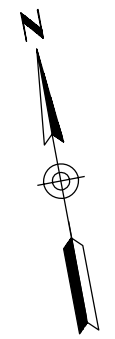


### APPENDIX H

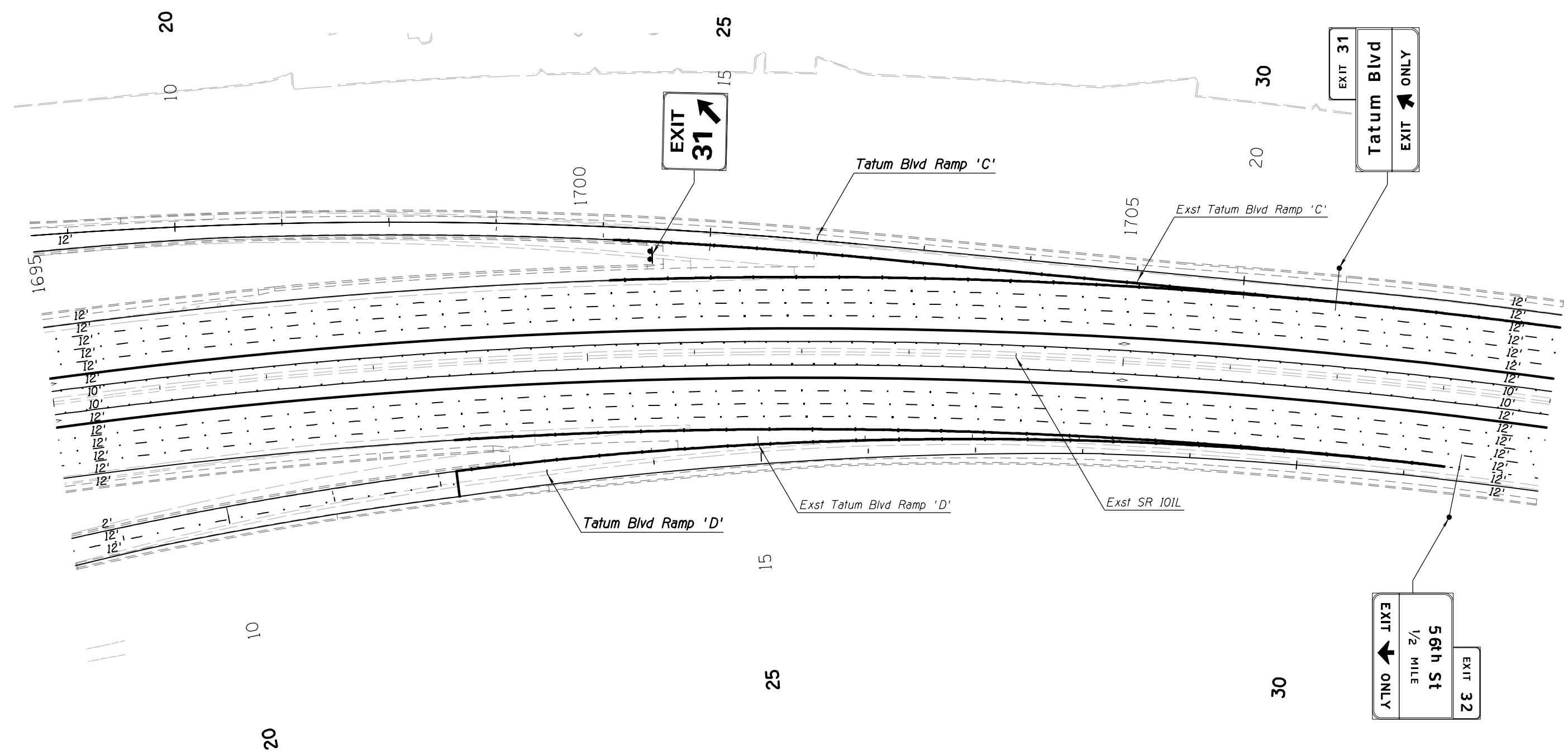
DESIGN	GP	NAME	DATE	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>TRAFFIC DESIGN SERVICES</b> <b>PAVEMENT MARKING &amp; SIGNING PLANS</b> <b>PLAN SHEET</b> <b>Sta 1681+00 Sta 1695+00</b>	<b>DCR</b> NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER DWG NO. T-1.29 OF
DRAWN	AE				
CHECKED	JJP				
TRANSPORTATION <small>AECOM TECHNICAL SERVICES, Inc.          2325 E. Camelback Rd., Suite 200          Phoenix, Arizona 85016          T 602.337.2700</small>					
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L					

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



NO.1. DESCRIPTION OF REVISION DATE MADE BY NO.2. DESCRIPTION OF REVISION DATE MADE BY

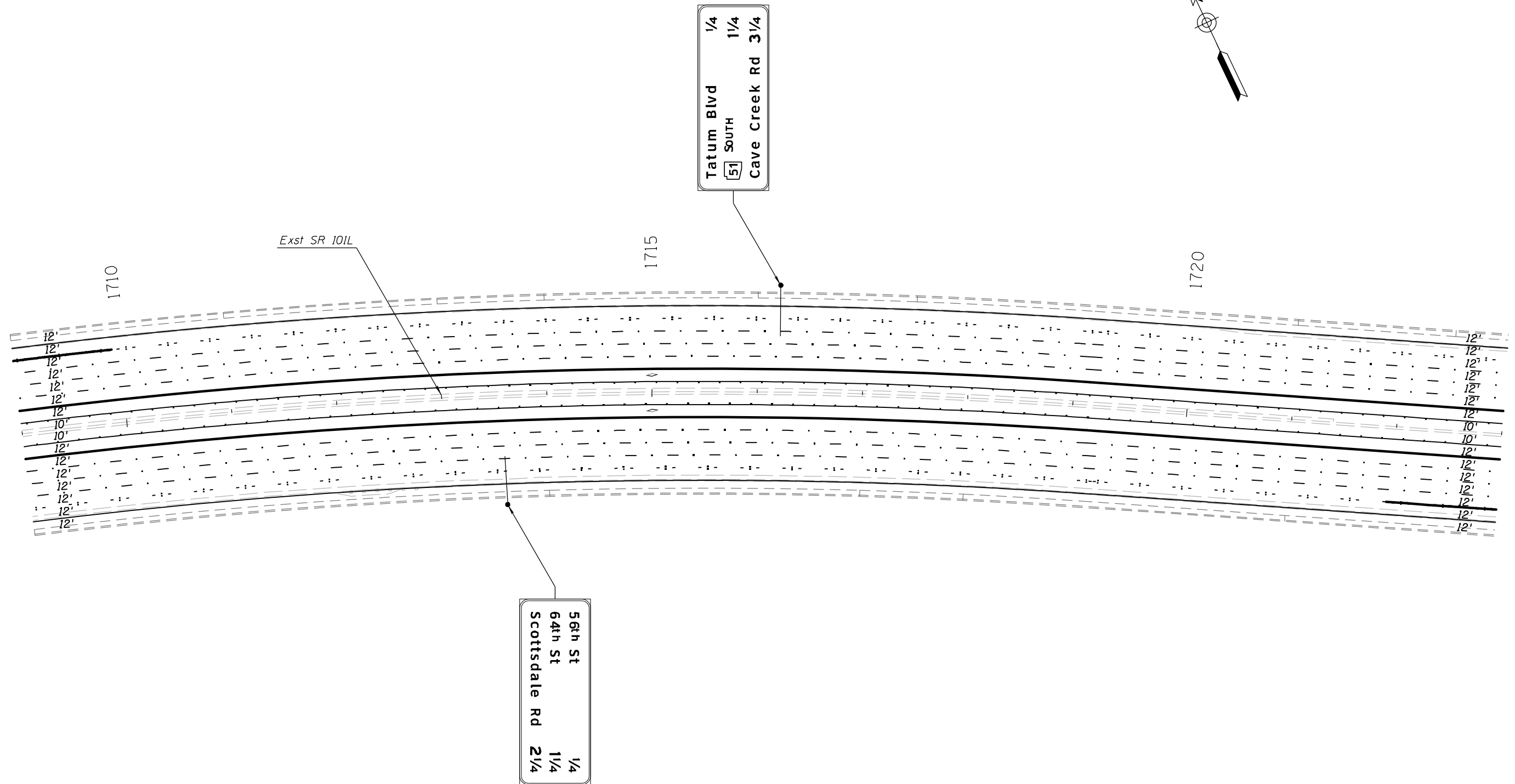
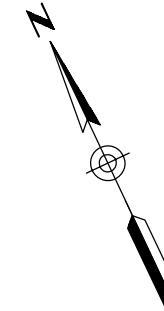


### APPENDIX H

DESIGN	GP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS TRAFFIC DESIGN SERVICES	<b>DCR</b> NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER
DRAWN	AE	DATE	04-16		
CHECKED	JJP	DATE	04-16		
TRANSPORTATION <small>AECOM TECHNICAL SERVICES, Inc. 2555 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700</small>				<b>AECOM</b> <small>www.aecom.com</small>	<b>PAVEMENT MARKING &amp; SIGNING PLANS</b> <b>PLAN SHEET</b> <b>Sta 1695+00 to 1709+00</b>
ROUTE	LOCATION	I-17 - PRINCESS DRIVE			
SR 101L				DWG NO. T-1.30	
TRACS NO. H8297 01L					OF

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

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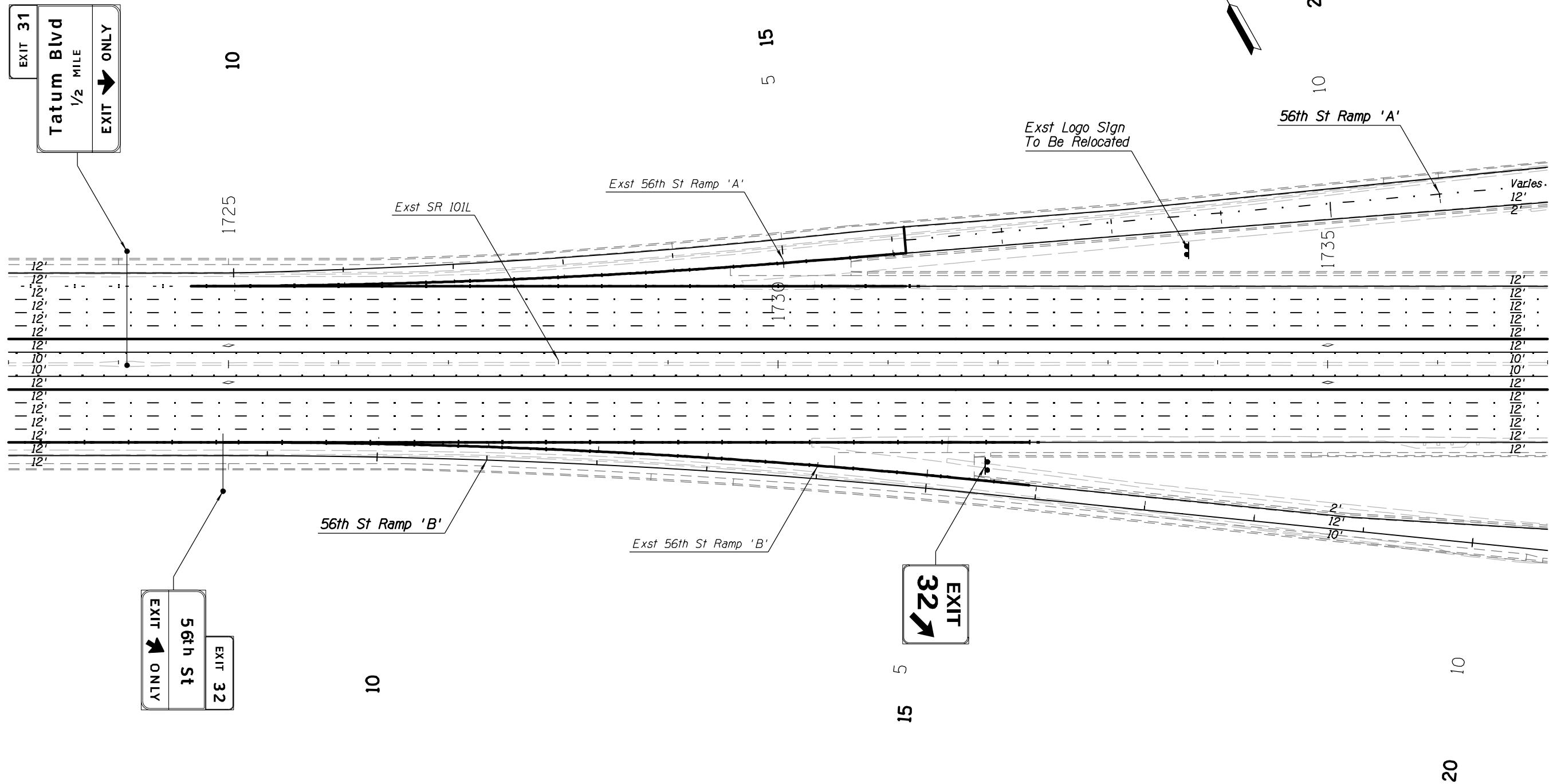
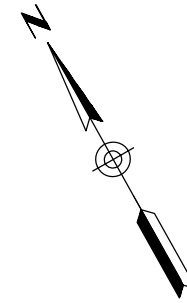
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### APPENDIX H

DESIGN	GP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS TRAFFIC DESIGN SERVICES	<b>DCR</b> NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER
DRAWN	AE	DATE	04-16		
CHECKED	JJP	DATE	04-16		
<small>TRANSPORTATION</small> <small>AECOM TECHNICAL SERVICES, Inc.</small> <small>2550 E. Camelback Rd, Suite 200</small> <small>Phoenix, Arizona 85016</small> <small>T 602.337.2700</small> <small>www.aecom.com</small>				<b>AECOM</b> <b>PAVEMENT MARKING &amp; SIGNING PLANS</b> <b>PLAN SHEET</b> <b>Sta 1709+00 to Sta 1723+00</b>	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L				DWG NO. T-1.31	
				OF	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



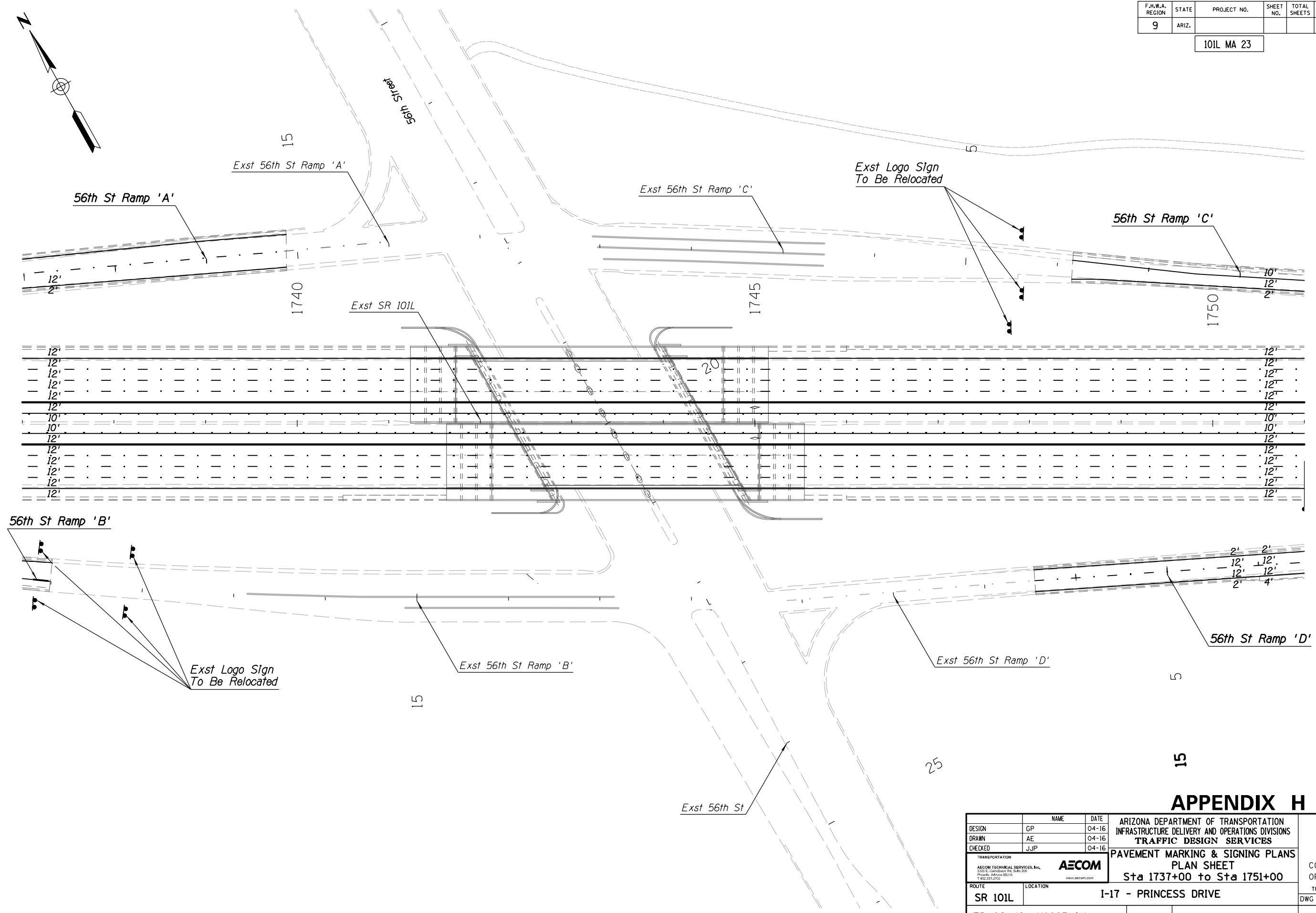
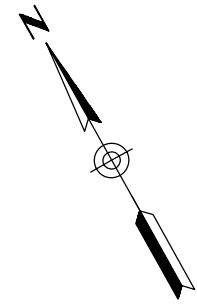
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### APPENDIX H

DESIGN	GP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>TRAFFIC DESIGN SERVICES</b> <b>DCR</b> NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER DWG NO. T-1.32
DRAWN	AE	DATE	04-16	
CHECKED	JJP	DATE	04-16	
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2355 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com				<b>PAVEMENT MARKING &amp; SIGNING PLANS</b> <b>PLAN SHEET</b> <b>Sta 1723+00 to Sta 1737+00</b>
ROUTE	LOCATION	SR 101L I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L				OF

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

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MADE BY: DATE: NO.1 DESCRIPTION OF REVISION: NO.2 DESCRIPTION OF REVISION: DATE: MADE BY: DATE:

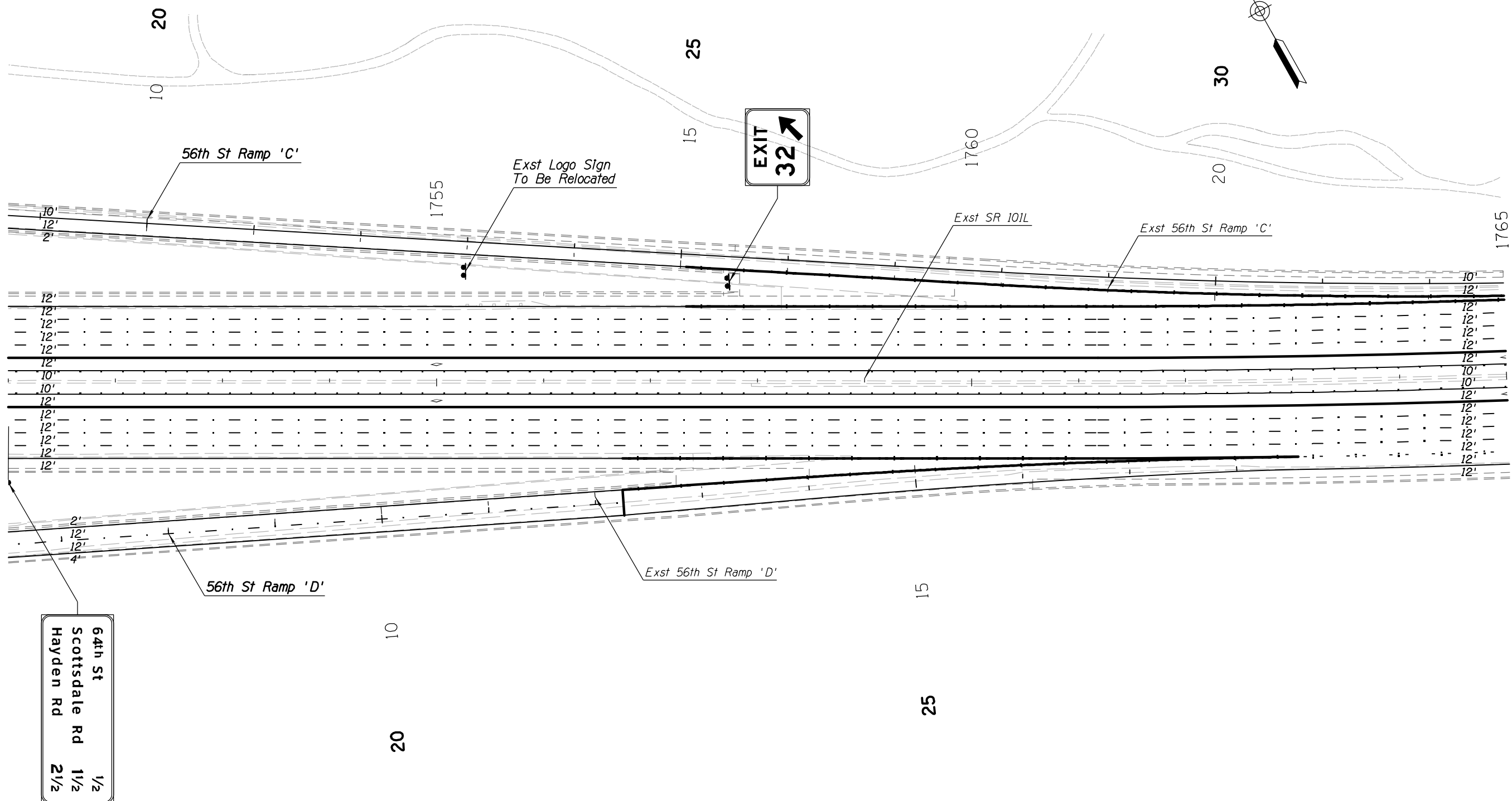
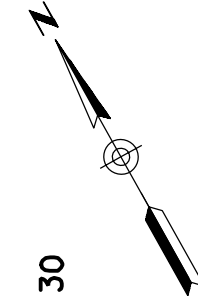
### APPENDIX H

DESIGN	GP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>TRAFFIC DESIGN SERVICES</b> <b>DCR</b> NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER DWG NO. T-1.33
DRAWN	AE	DATE	04-16	
CHECKED	JJP	DATE	04-16	
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2325 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com				<b>PAVEMENT MARKING &amp; SIGNING PLANS</b> <b>PLAN SHEET</b> <b>Sta 1737+00 to Sta 1751+00</b>
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE	
TRACS NO. H8297 01L				OF



F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

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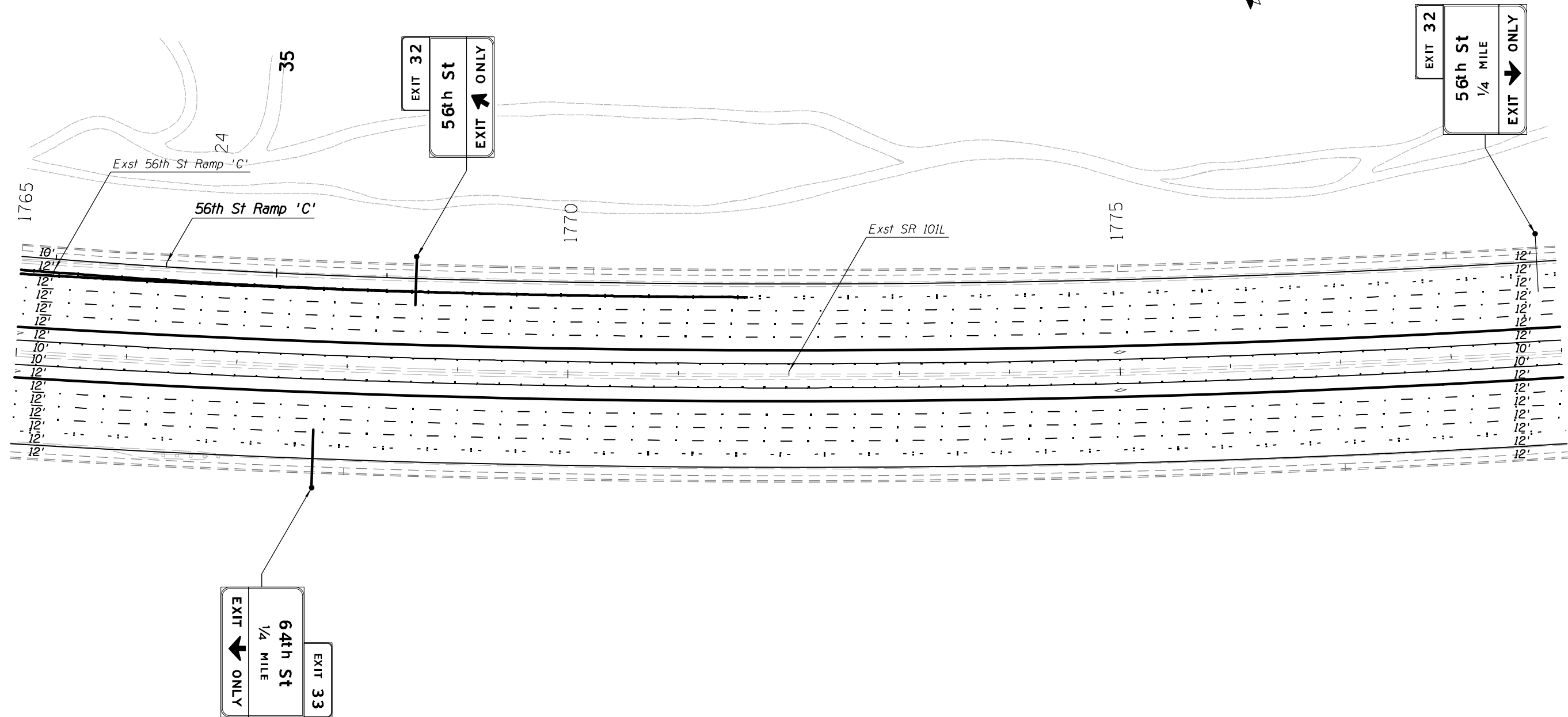
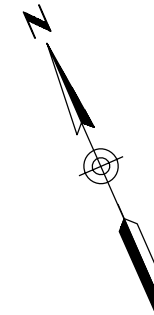
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### APPENDIX H

DESIGN	GP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS TRAFFIC DESIGN SERVICES	<b>DCR</b> NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER
DRAWN	AE	DATE	04-16		
CHECKED	JJP	DATE	04-16		
TRANSPORTATION					<b>PAVEMENT MARKING &amp; SIGNING PLANS</b> <b>PLAN SHEET</b> <b>Sta 1751+00 to Sta 1765+00</b>
ROUTE		LOCATION			
SR 101L		I-17 - PRINCESS DRIVE		DWG NO. T-1.34	
TRACS NO. H8297 01L				OF	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



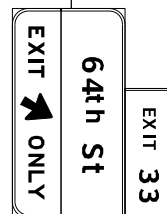
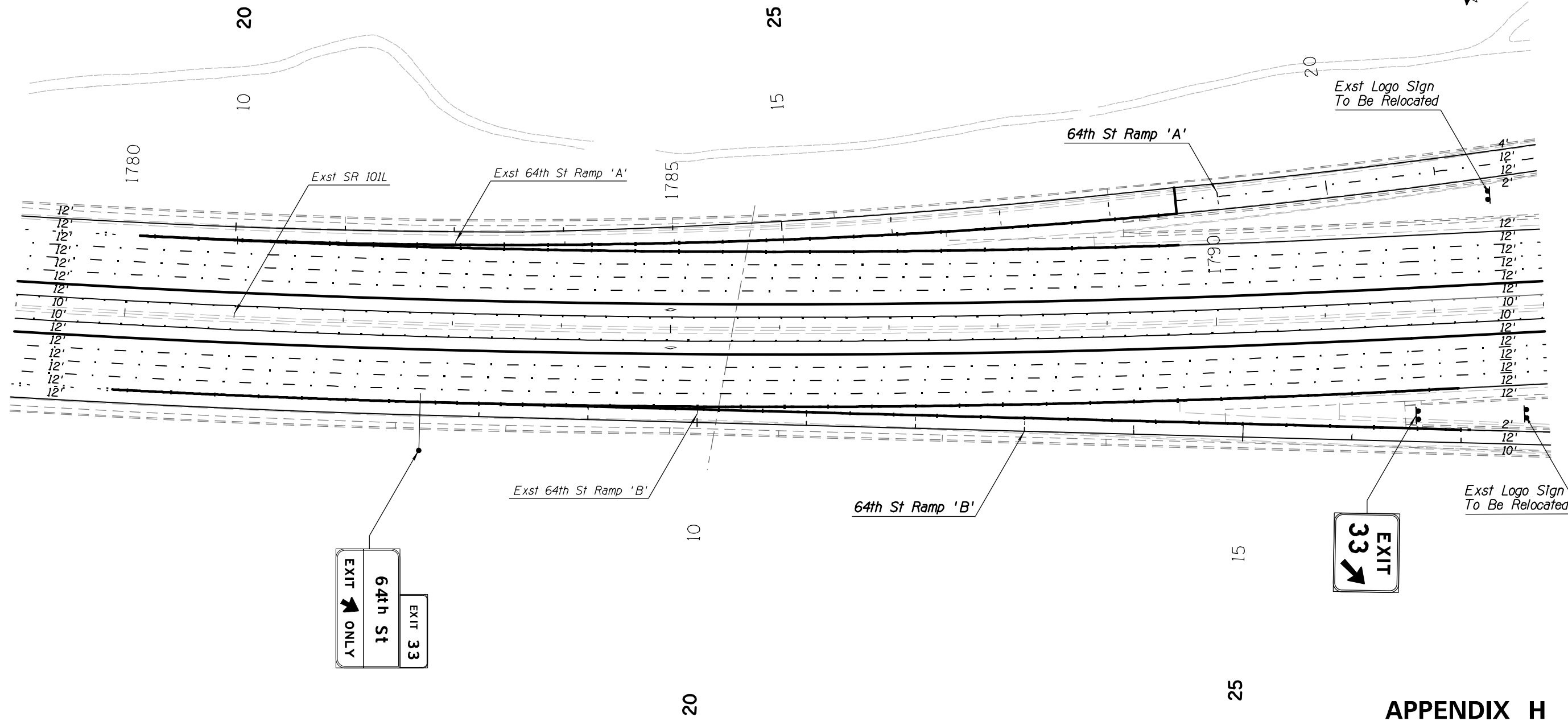
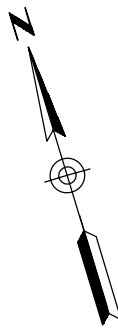
### APPENDIX H

DESIGN	GP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS TRAFFIC DESIGN SERVICES	<b>DCR</b> NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER DWG NO. T-1.35
DRAWN	AE	DATE	04-16		
CHECKED	JJP	DATE	04-16		
TRANSPORTATION		AECOM		PAVEMENT MARKING & SIGNING PLANS PLAN SHEET Sta 1765+00 to Sta 1779+00	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L		OF			

NO.1 DESCRIPTION OF REVISION DATE MADE BY NO.2 DESCRIPTION OF REVISION DATE MADE BY

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

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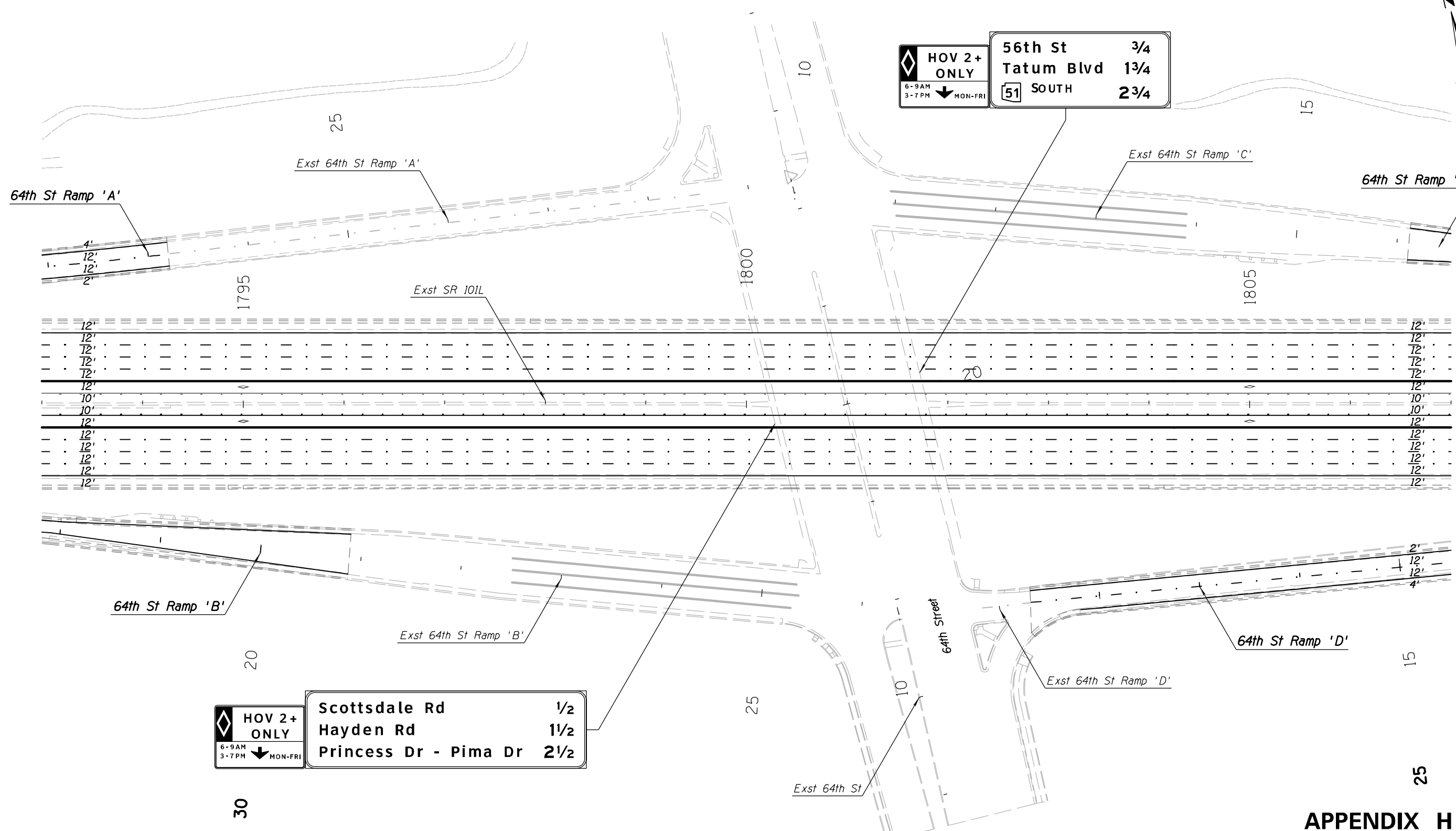
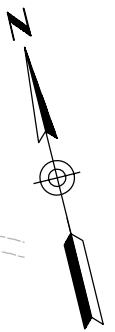
### APPENDIX H

DESIGN	GP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>TRAFFIC DESIGN SERVICES</b> <b>DCR</b> NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER DWG NO. T-1.36
DRAWN	AE	DATE	04-16	
CHECKED	JJP	DATE	04-16	
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2355 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 <b>AECOM</b> www.aecom.com				<b>PAVEMENT MARKING &amp; SIGNING PLANS</b> <b>PLAN SHEET</b> <b>Sta 1779+00 to Sta 1793+00</b>
ROUTE	LOCATION	I-17 - PRINCESS DRIVE		
SR 101L				DWG NO. T-1.36
TRACS NO. H8297 01L				OF

NO.1 DESCRIPTION OF REVISION DATE MADE BY  
 NO.2 DESCRIPTION OF REVISION DATE MADE BY

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

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 6-9 AM 3-7 PM MON-FRI	56th St	3/4
	Tatum Blvd	1 3/4
	51 SOUTH	2 3/4

 6-9 AM 3-7 PM MON-FRI	Scottsdale Rd	1/2
	Hayden Rd	1 1/2
	Princess Dr - Pima Dr	2 1/2

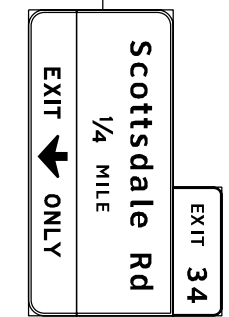
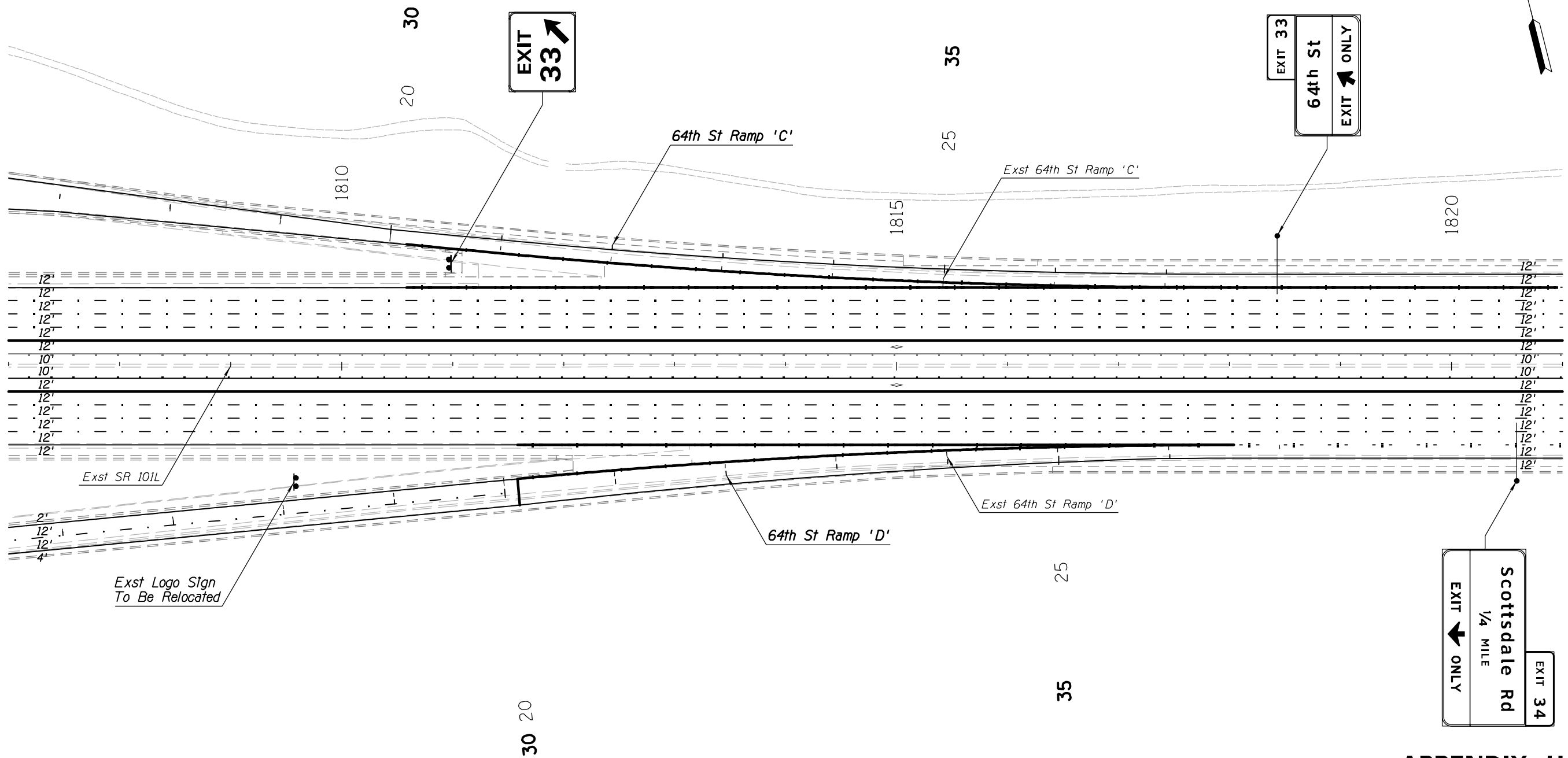
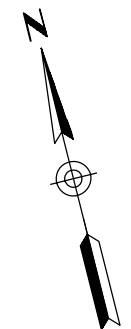
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 NO.2 DESCRIPTION OF REVISION: \_\_\_\_\_

### APPENDIX H

DESIGN	GP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>TRAFFIC DESIGN SERVICES</b> <b>AECOM</b> <small>AECOM TECHNICAL SERVICES, Inc.          2325 E. Camelback Rd, Suite 200          Phoenix, Arizona 85016          T 602.337.2700</small>	<b>DCR</b> NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER DWG NO. T-1.37 _____ OF _____
DRAWN	AE	DATE	04-16		
CHECKED	JJP	DATE	04-16		
ROUTE		LOCATION		TRANSPORTATION <b>SR 101L</b>	
SR 101L		I-17 - PRINCESS DRIVE		<b>PAVEMENT MARKING &amp; SIGNING PLANS</b> <b>PLAN SHEET</b> <b>Sta 1793+00 to Sta 1807+00</b>	
TRACS NO. H8297 01L					

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



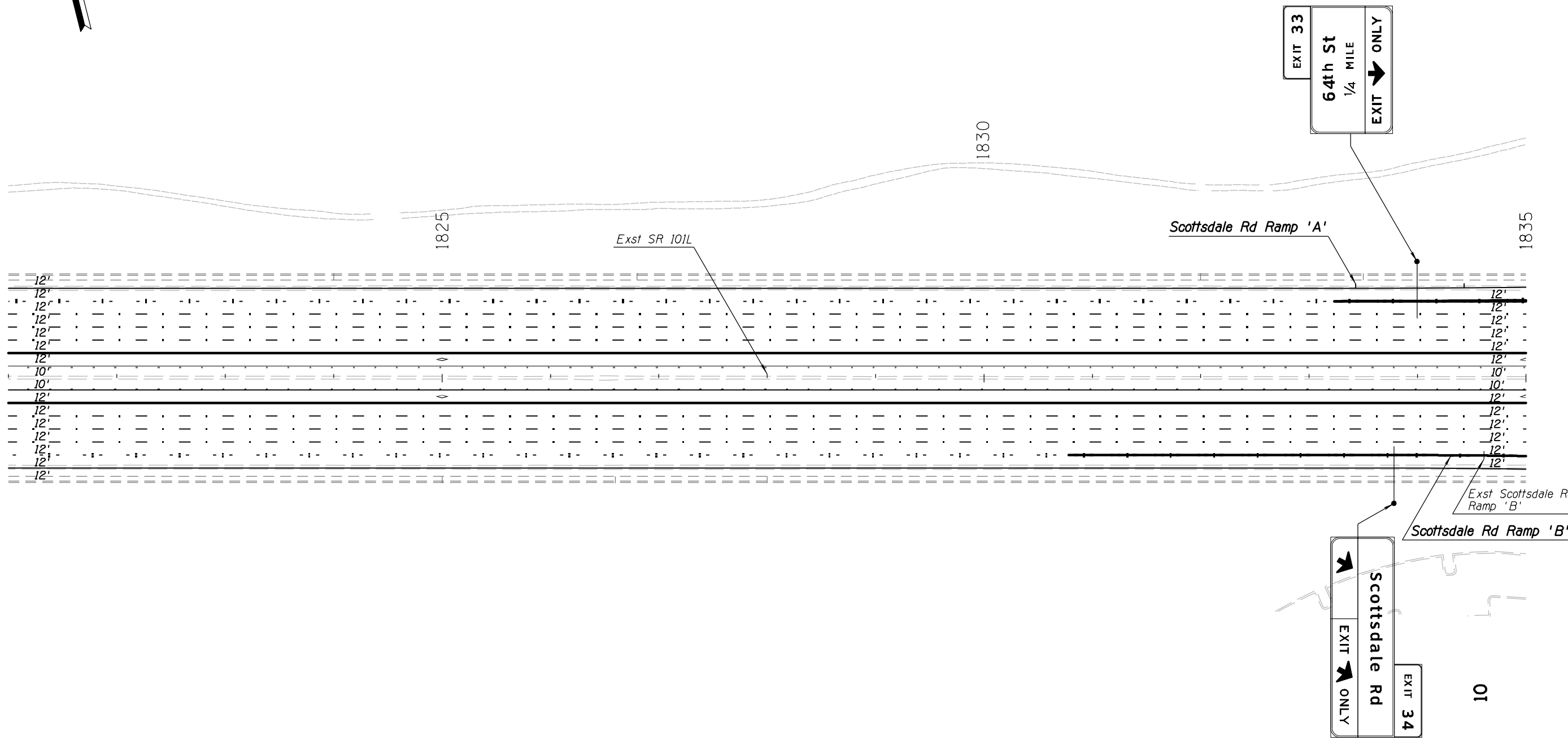
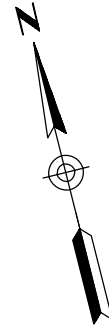
### APPENDIX H

DESIGN	GP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>TRAFFIC DESIGN SERVICES</b> <b>PAVEMENT MARKING &amp; SIGNING PLANS</b> <b>PLAN SHEET</b> <b>Sta 1807+00 to Sta 1821+00</b>	<b>DCR</b> NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER DWG NO. T-1.38 OF
DRAWN	AE	DATE	04-16		
CHECKED	JJP	DATE	04-16		
<small>TRANSPORTATION</small> <small>AECOM TECHNICAL SERVICES, Inc.</small> <small>2550 E. Camelback Rd, Suite 200</small> <small>Phoenix, Arizona 85016</small> <small>T 602.337.2700</small> <small>www.aecom.com</small>		<b>AECOM</b>			
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L					

NO.1. DESCRIPTION OF REVISION DATE MADE BY  
 NO.2. DESCRIPTION OF REVISION DATE MADE BY

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



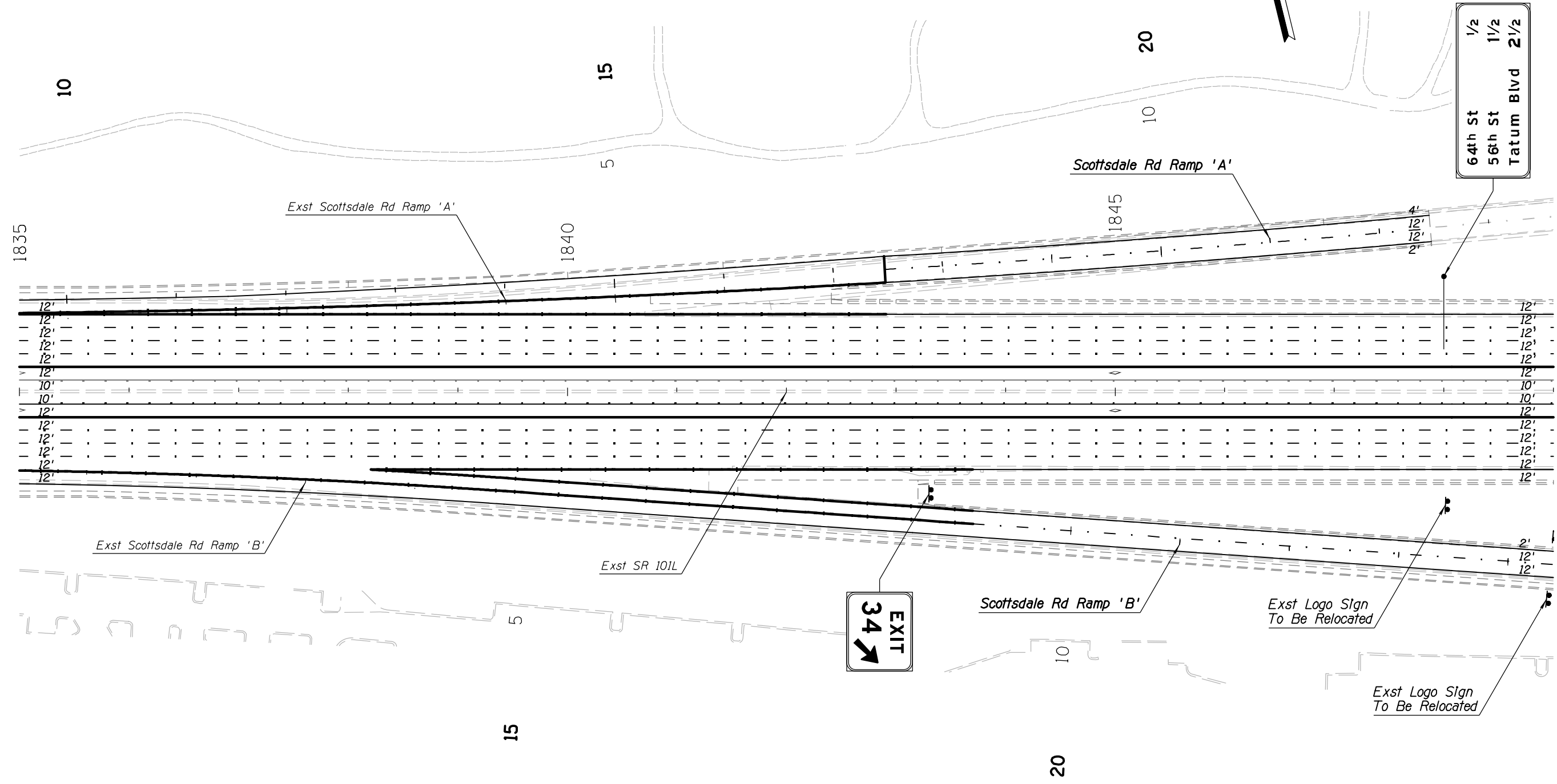
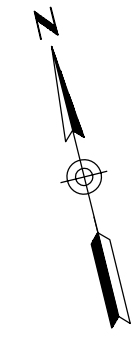
NO.1 DESCRIPTION OF REVISION DATE MADE BY NO.2 DESCRIPTION OF REVISION DATE MADE BY

### APPENDIX H

DESIGN	GP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS TRAFFIC DESIGN SERVICES	<b>DCR</b> NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER
DRAWN	AE	DATE	04-16		
CHECKED	JJP	DATE	04-16		
TRANSPORTATION		AECOM		PAVEMENT MARKING & SIGNING PLANS	
SR 101L		I-17 - PRINCESS DRIVE		PLAN SHEET	
TRACS NO. H8297 01L				Sta 1821+00 to Sta 1835+00	
				DWG NO. T-1.39	
				OF	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



64th St	1/2
56th St	1/2
Tatum Blvd	2 1/2

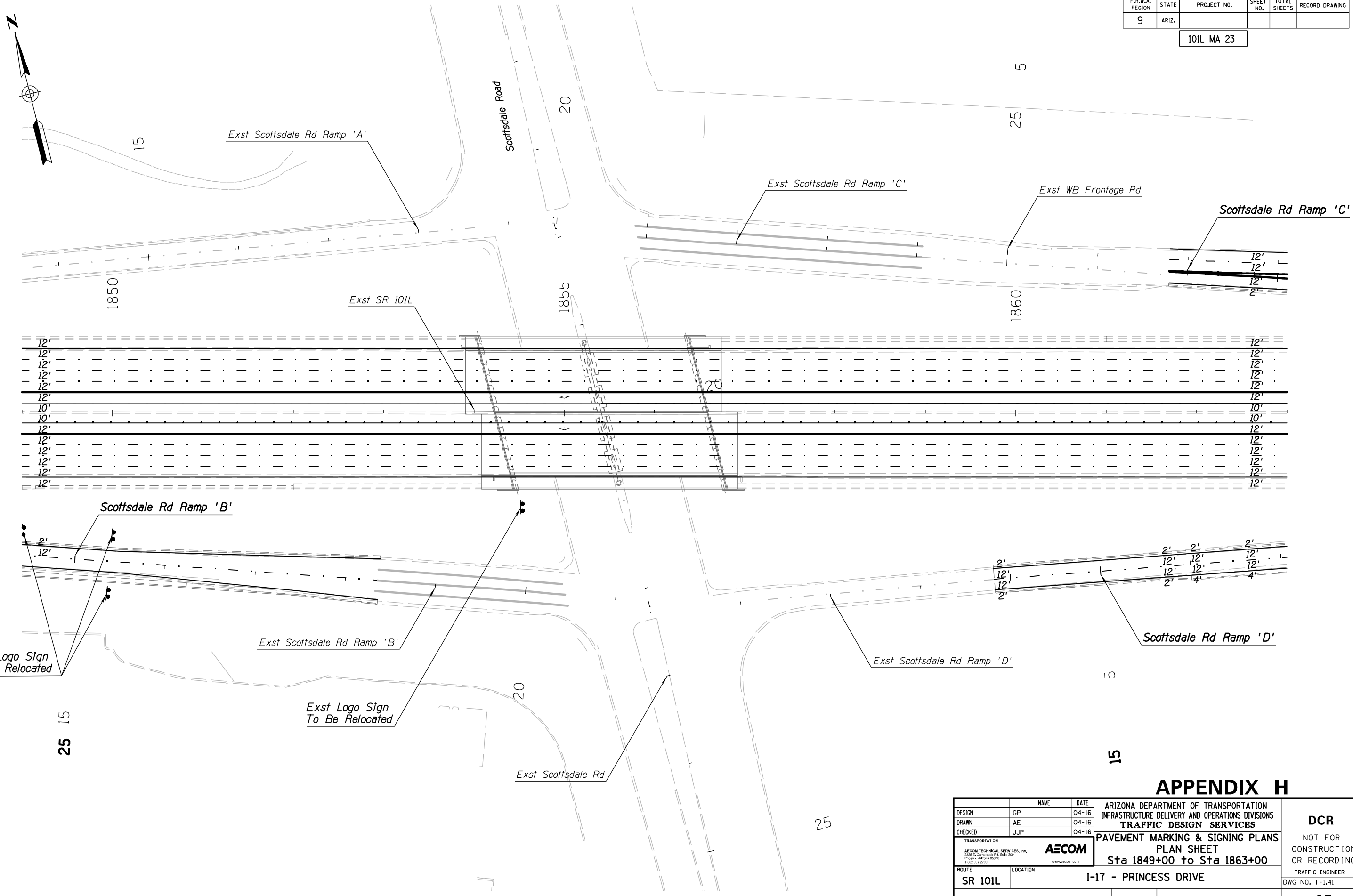
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### APPENDIX H

DESIGN	GP	NAME	DATE	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS TRAFFIC DESIGN SERVICES	DCR NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER DWG NO. T-1.40
DRAWN	AE		04-16		
CHECKED	JJP		04-16		
TRANSPORTATION				PAVEMENT MARKING & SIGNING PLANS	
AECOM TECHNICAL SERVICES, Inc. 2325 E. Camelback Rd, Suite 200 Phoenix, Arizona 85016 T 602.337.2700				AECOM www.aecom.com	
ROUTE	LOCATION	SR 101L			
		I-17 - PRINCESS DRIVE			
TRACS NO. H8297 01L		Sta 1835+00 to Sta 1849+00			

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



NO.1. DESCRIPTION OF REVISION DATE MADE BY NO.2. DESCRIPTION OF REVISION DATE MADE BY

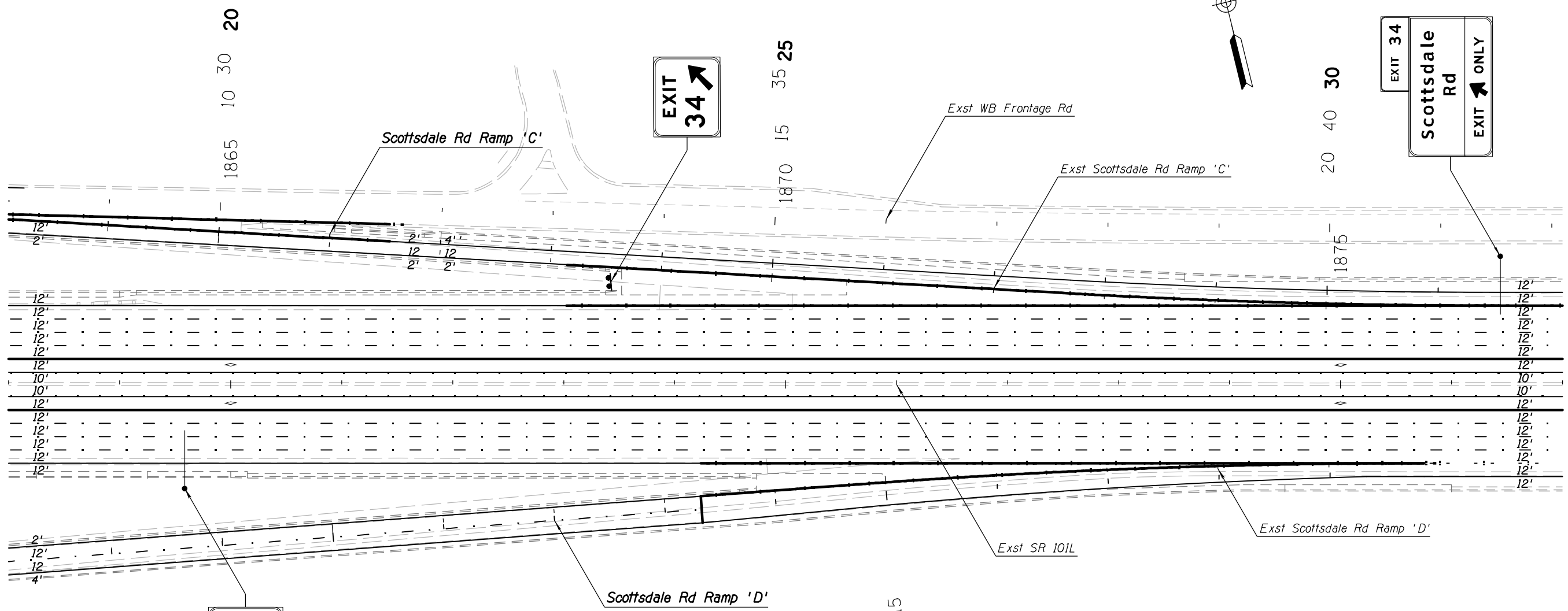
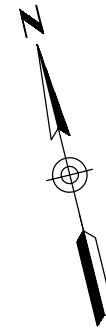
### APPENDIX H

DESIGN	GP	DATE	04-16	<b>ARIZONA DEPARTMENT OF TRANSPORTATION</b> <b>INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS</b> <b>TRAFFIC DESIGN SERVICES</b> <b>PAVEMENT MARKING &amp; SIGNING PLANS</b> <b>PLAN SHEET</b> <b>Sta 1849+00 to Sta 1863+00</b>	<b>DCR</b> NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER DWG NO. T-1.41 OF
DRAWN	AE	DATE	04-16		
CHECKED	JJP	DATE	04-16		
<small>TRANSPORTATION</small> <small>AECOM TECHNICAL SERVICES, Inc.</small> <small>2550 E. Camelback Rd., Suite 200</small> <small>Phoenix, Arizona 85016</small> <small>T 602.337.2700</small> <small>www.aecom.com</small>		<b>AECOM</b>			
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L					



F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



EXIT  
34

EXIT 34  
Scottsdale Rd  
EXIT ONLY

Hayden Rd  
Pima Rd - Princess Dr  
Frank Lloyd Wright Blvd  
1/2  
1 1/2  
2 1/2

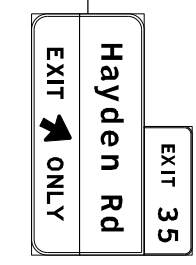
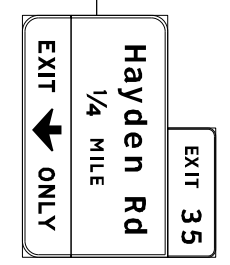
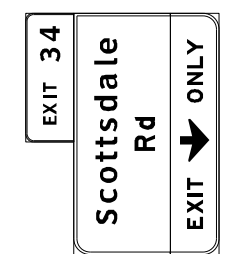
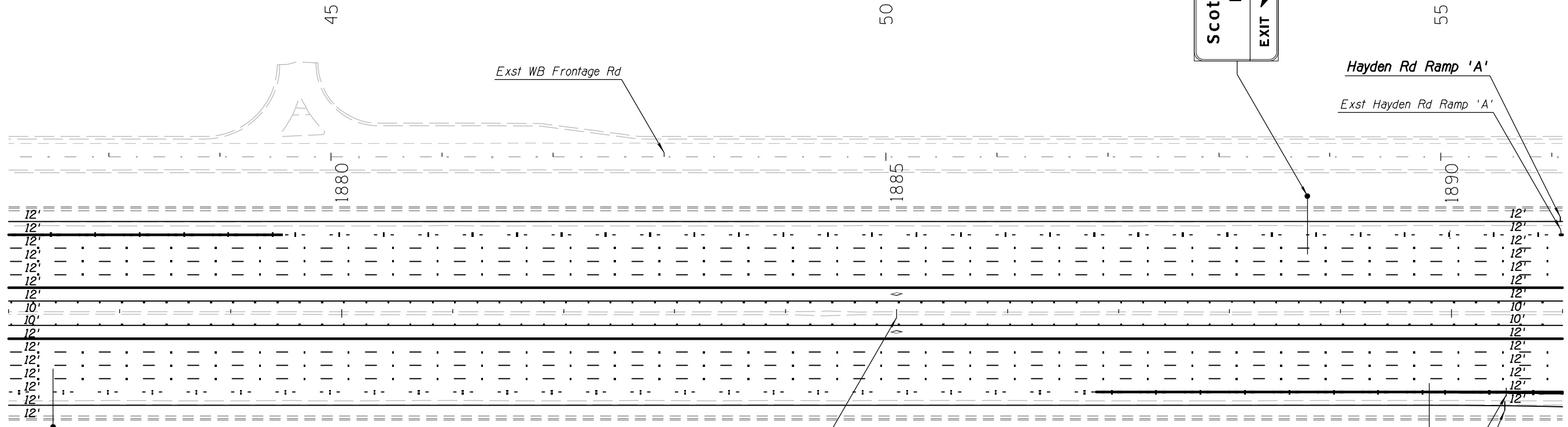
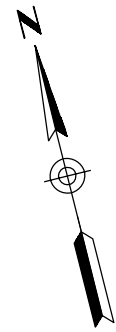
### APPENDIX H

DESIGN	GP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS TRAFFIC DESIGN SERVICES	DCR NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER DWG NO. T-1.42
DRAWN	AE	DATE	04-16		
CHECKED	JJP	DATE	04-16		
TRANSPORTATION					<b>PAVEMENT MARKING &amp; SIGNING PLANS</b> <b>PLAN SHEET</b> <b>Sta 1863+00 to Sta 1877+00</b>
ROUTE	LOCATION	I-17 - PRINCESS DRIVE			
SR 101L				TRACS NO. H8297 01L	OF

MADE BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
NO.1 DESCRIPTION OF REVISION: \_\_\_\_\_  
NO.2 DESCRIPTION OF REVISION: \_\_\_\_\_

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



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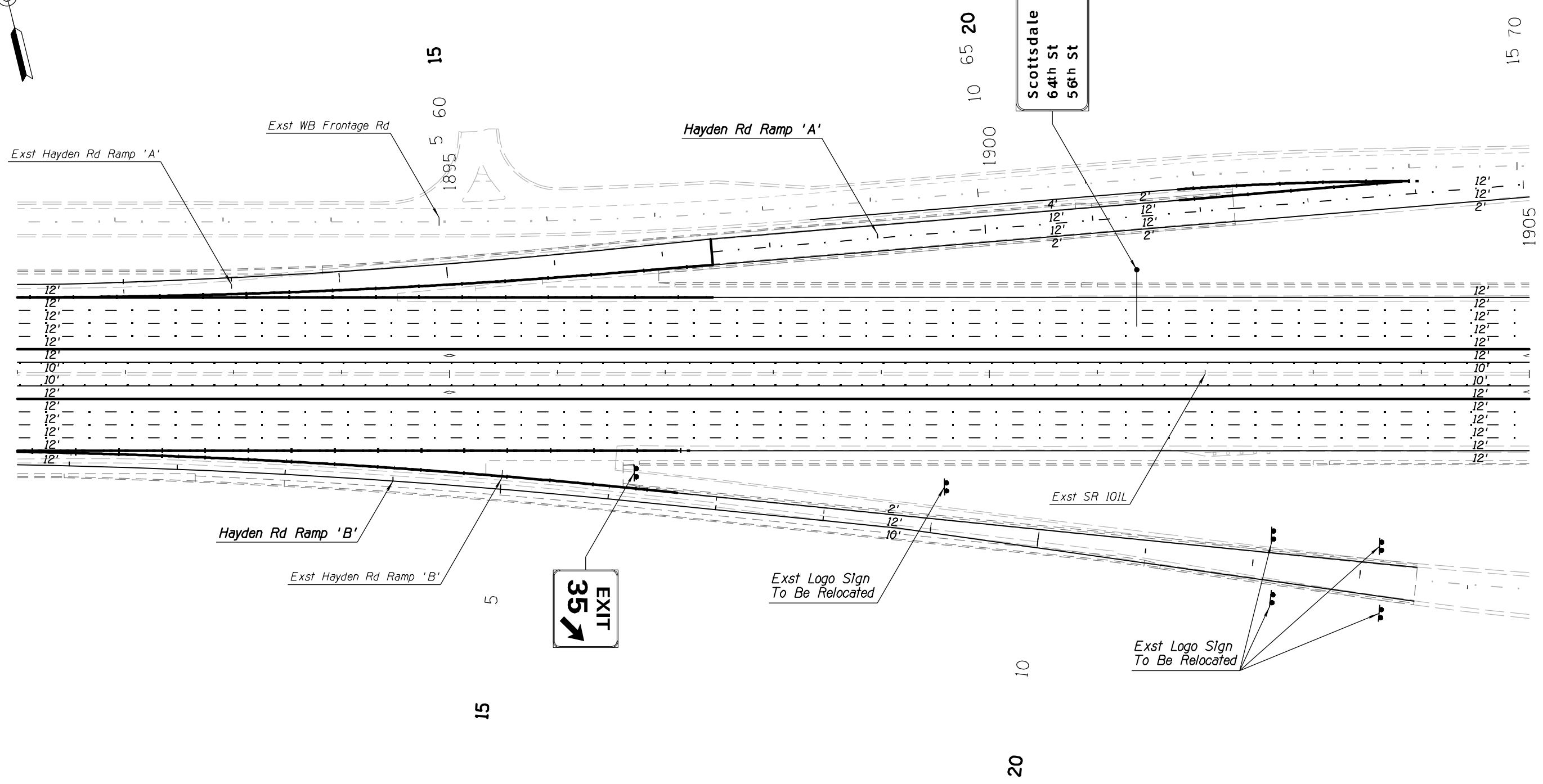
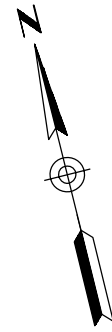
### APPENDIX H

DESIGN	GP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS TRAFFIC DESIGN SERVICES	DCR NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER
DRAWN	AE	DATE	04-16		
CHECKED	JJP	DATE	04-16		
TRANSPORTATION		AECOM		PAVEMENT MARKING & SIGNING PLANS PLAN SHEET Sta 1877+00 to Sta 1891+00	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L				DWG NO. T-1.43 OF	

NO.1. DESCRIPTION OF REVISION DATE MADE BY NO.2. DESCRIPTION OF REVISION DATE MADE BY

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



NO.1 DESCRIPTION OF REVISION DATE MADE BY NO.2 DESCRIPTION OF REVISION DATE MADE BY

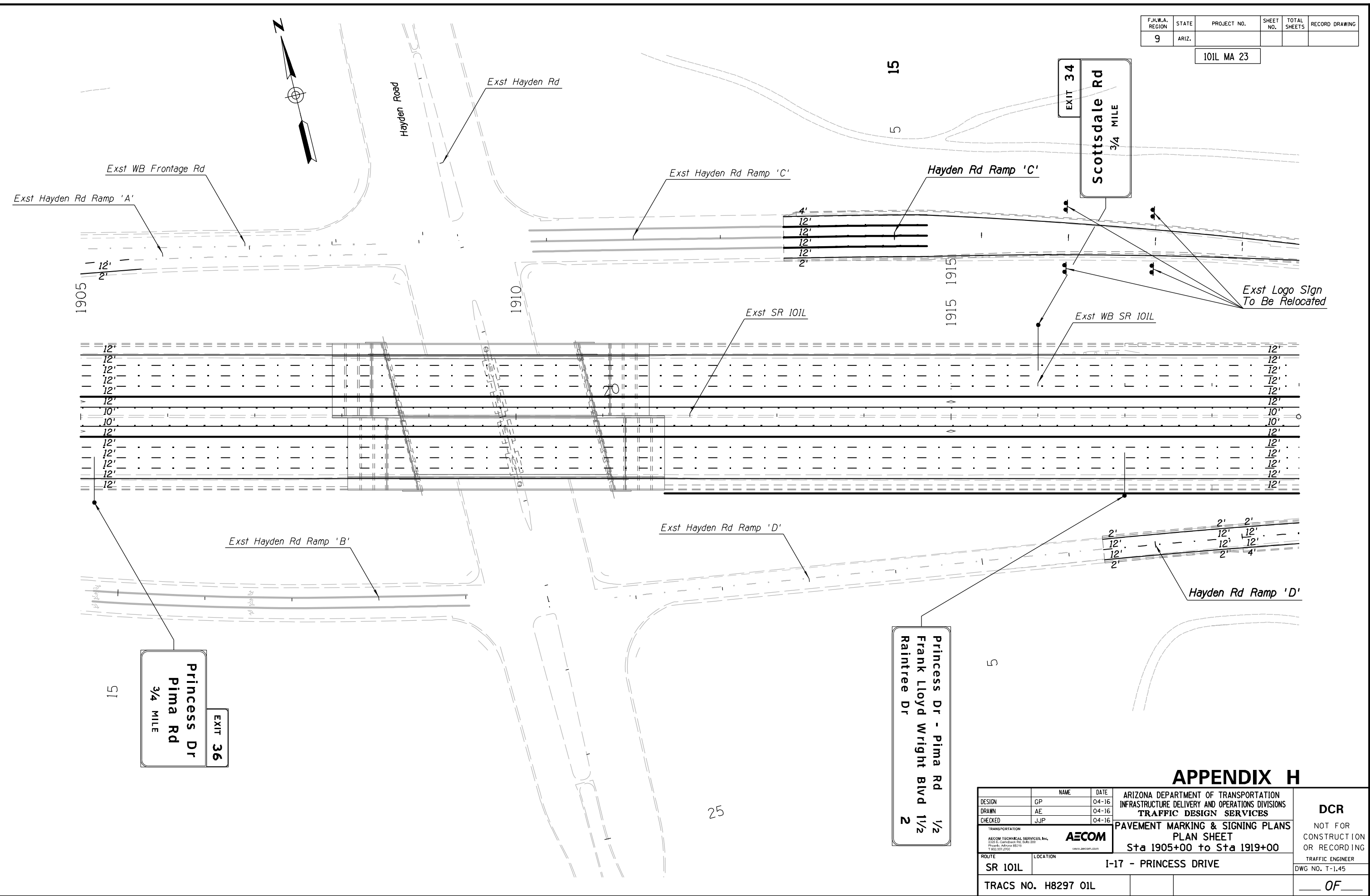
### APPENDIX H

DESIGN	GP	NAME	DATE	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS TRAFFIC DESIGN SERVICES	<b>DCR</b> NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER
DRAWN	AE		04-16		
CHECKED	JJP		04-16		
TRANSPORTATION				PAVEMENT MARKING & SIGNING PLANS	
AECOM TECHNICAL SERVICES, Inc. 2355 E. Camelback Rd, Suite 200 Phoenix, Arizona 85016 T 602.337.2700					
SR 101L				I-17 - PRINCESS DRIVE	
TRACS NO. H8297 01L				DWG NO. T-1.44	
				OF	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23

NO.1 DESCRIPTION OF REVISION DATE MADE BY NO.2 DESCRIPTION OF REVISION DATE MADE BY

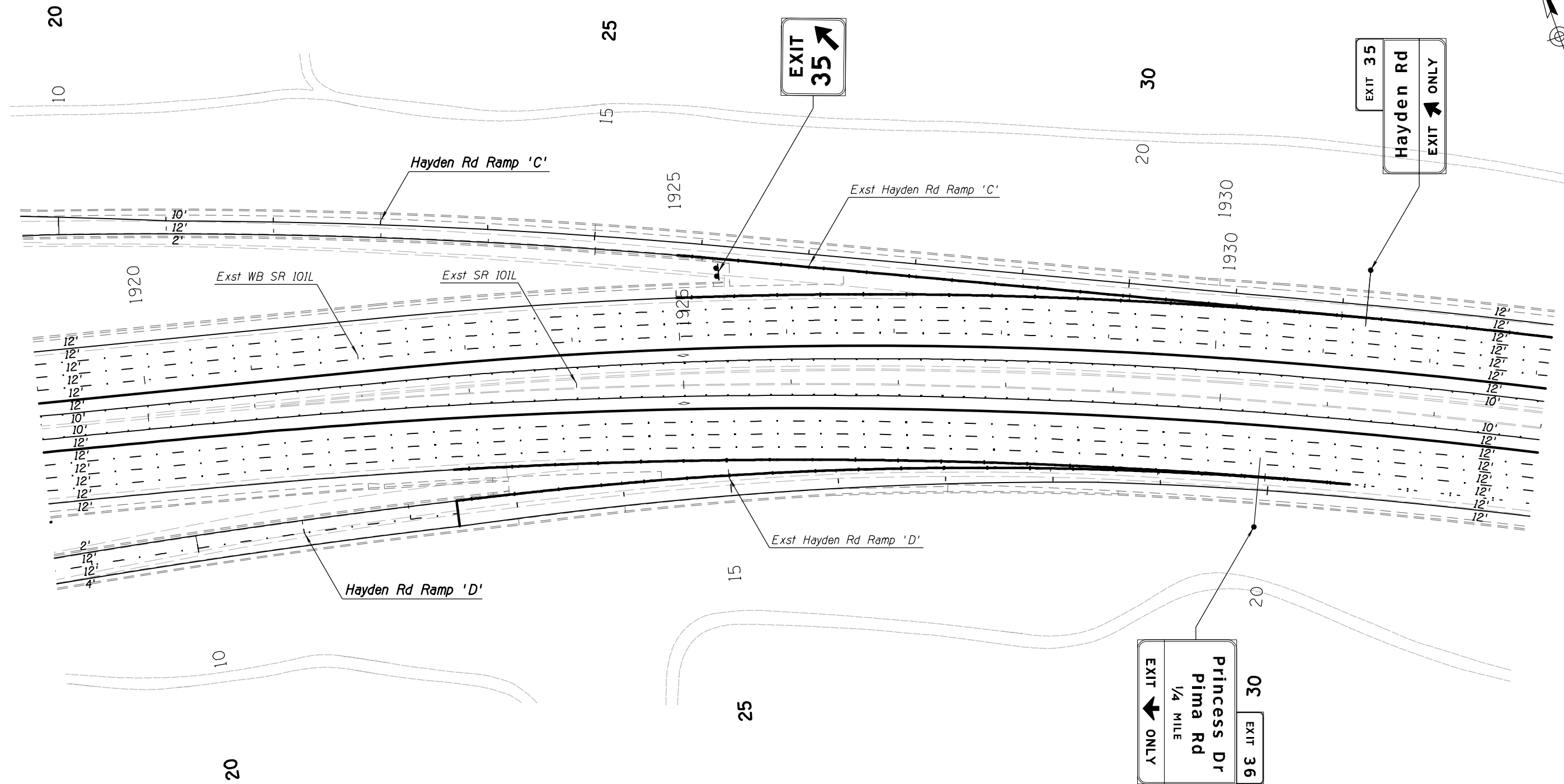
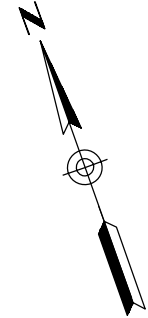


### APPENDIX H

DESIGN	GP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>TRAFFIC DESIGN SERVICES</b> <b>PAVEMENT MARKING &amp; SIGNING PLANS</b> <b>PLAN SHEET</b> <b>Sta 1905+00 to Sta 1919+00</b>	<b>DCR</b> NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER DWG NO. T-1.45 OF
DRAWN	AE	DATE	04-16		
CHECKED	JJP	DATE	04-16		
<small>AECOM TECHNICAL SERVICES, Inc.          2325 E. Camelback Rd, Suite 200          Phoenix, Arizona 85016          T 602.337.2700</small>		<b>AECOM</b> <small>www.aecom.com</small>			
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L					

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



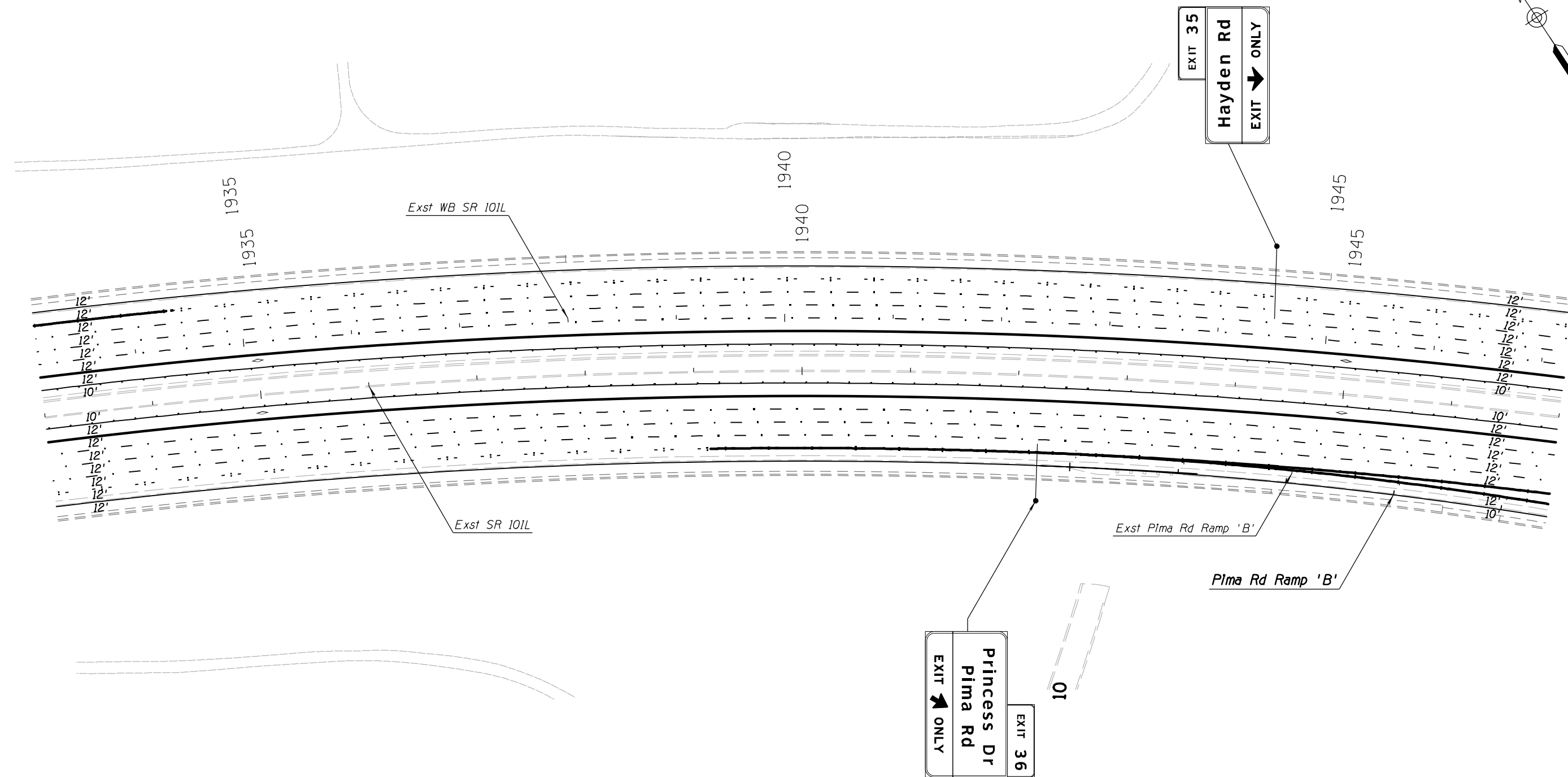
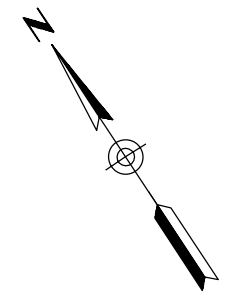
NO.1 DESCRIPTION OF REVISION DATE MADE BY  
 NO.2 DESCRIPTION OF REVISION DATE MADE BY

### APPENDIX H

DESIGN	GP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>TRAFFIC DESIGN SERVICES</b> <b>AECOM</b> <small>AECOM TECHNICAL SERVICES, Inc.          2550 E. Camelback Rd, Suite 200          Phoenix, Arizona 85016          T 602.337.2700</small>	<b>DCR</b> NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER DWG NO. T-1.46 OF
DRAWN	AE	04-16			
CHECKED	JJP	04-16			
TRANSPORTATION ROUTE SR 101L		LOCATION I-17 - PRINCESS DRIVE		PAVEMENT MARKING & SIGNING PLANS PLAN SHEET Sta 1919+00 to Sta 1933+00	
TRACS NO. H8297 01L					

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



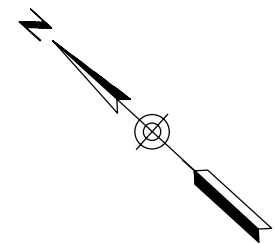
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### APPENDIX H

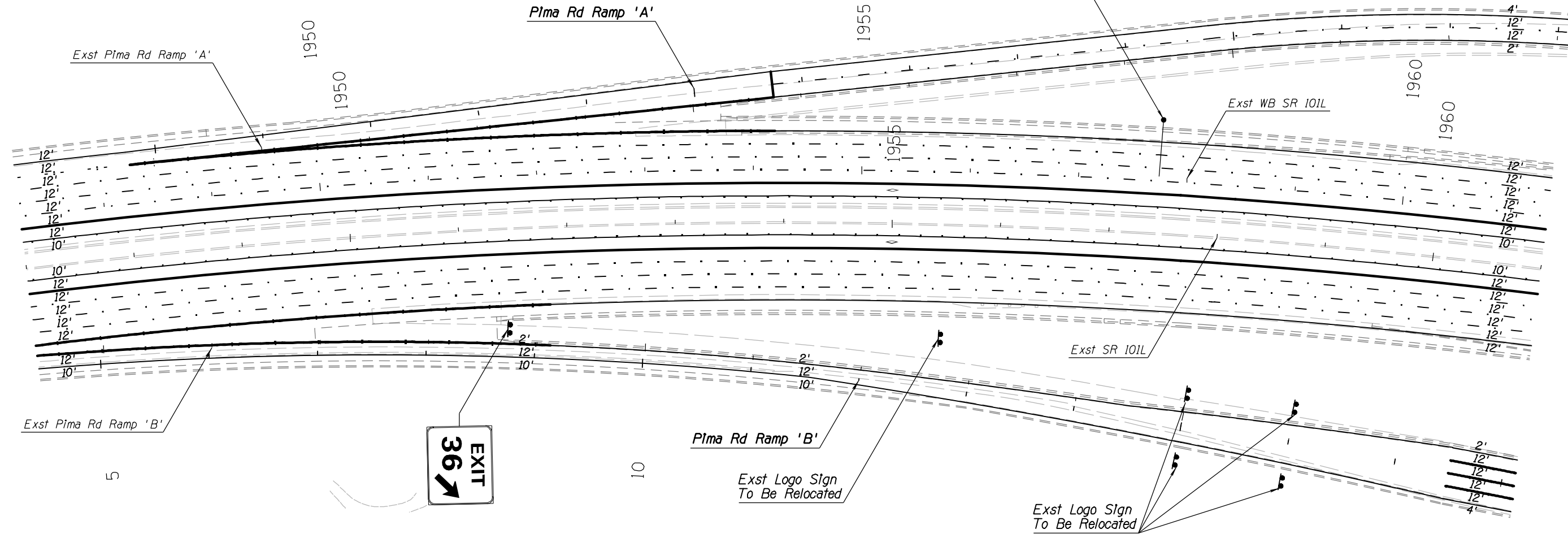
DESIGN	GP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS TRAFFIC DESIGN SERVICES	<b>DCR</b> NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER DWG NO. T-1.47
DRAWN	AE	DATE	04-16		
CHECKED	JJP	DATE	04-16		
<small>TRANSPORTATION</small> <small>AECOM TECHNICAL SERVICES, Inc.</small> <small>2355 E. Camelback Rd, Suite 200</small> <small>Phoenix, Arizona 85016</small> <small>T 602.337.2700</small> <small>www.aecom.com</small>				<b>AECOM</b> <b>PAVEMENT MARKING &amp; SIGNING PLANS</b> <b>PLAN SHEET</b> <b>Sta 1933+00 to Sta 1947+00</b>	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L					

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



Hayden Rd 1/2  
Scottsdale Rd 1/2  
64th St 2 1/2



EXIT  
36

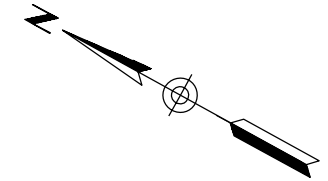
### APPENDIX H

DESIGN	GP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS TRAFFIC DESIGN SERVICES	DCR NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER DWG NO. T-1.48
DRAWN	AE	DATE	04-16		
CHECKED	JJP	DATE	04-16		
TRANSPORTATION AECOM <small>AECOM TECHNICAL SERVICES, Inc. 2355 E. Camelback Rd, Suite 200 Phoenix, Arizona 85016 T 602.337.2700</small>				<b>PAVEMENT MARKING &amp; SIGNING PLANS</b> <b>PLAN SHEET</b> <b>Sta 1947+00 to Sta 1961+00</b>	
ROUTE	LOCATION	I-17 - PRINCESS DRIVE			
SR 101L		TRACS NO. H8297 01L			

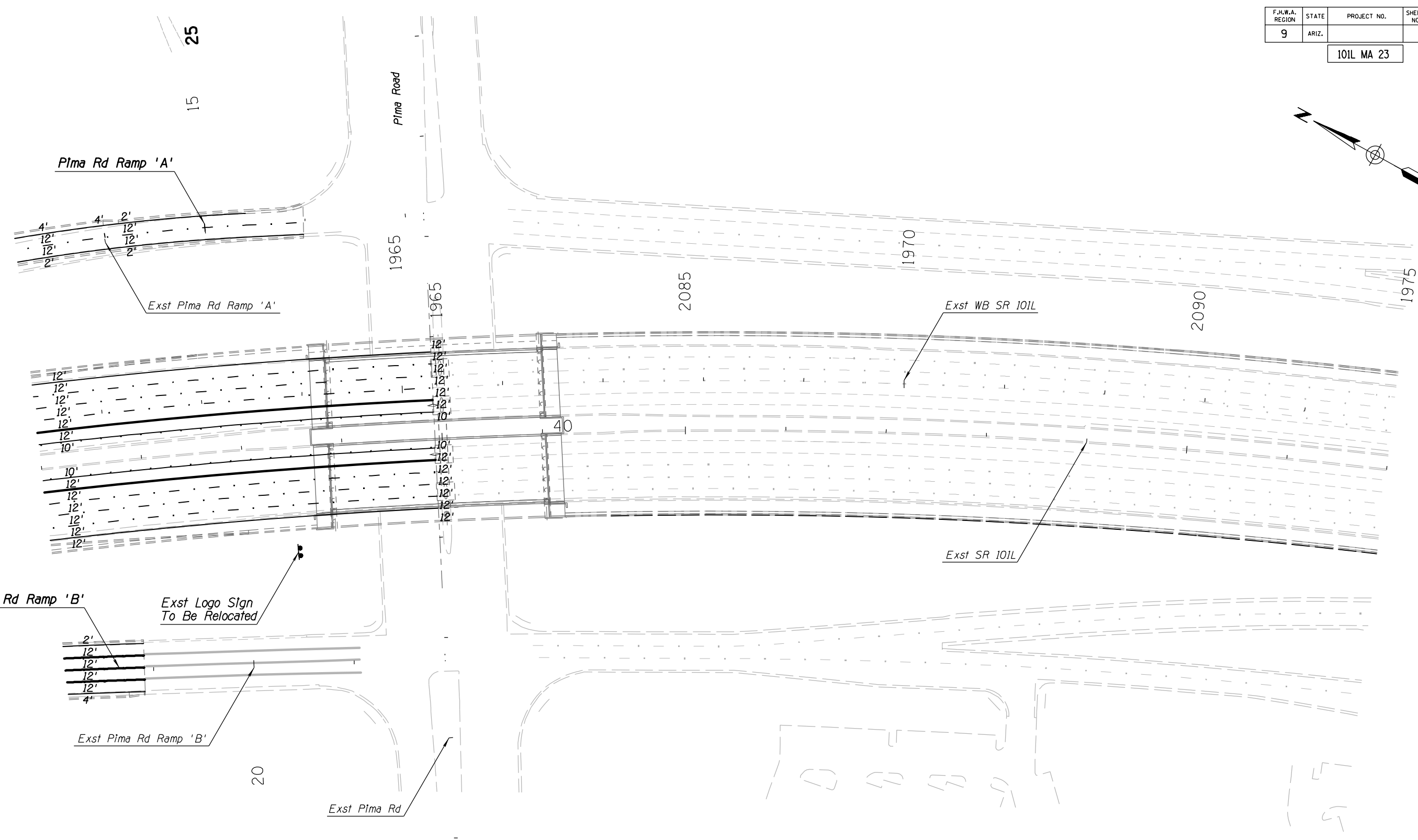
NO.1 DESCRIPTION OF REVISION DATE MADE BY NO.2 DESCRIPTION OF REVISION DATE MADE BY

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



NO.1. DESCRIPTION OF REVISION DATE MADE BY NO.2. DESCRIPTION OF REVISION DATE MADE BY



### APPENDIX H

DESIGN	GP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>TRAFFIC DESIGN SERVICES</b> <b>DCR</b> NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER DWG NO. T-1.49 OF
DRAWN	AE	DATE	04-16	
CHECKED	JJP	DATE	04-16	
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2355 E. Camelback Rd, Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com				<b>PAVEMENT MARKING &amp; SIGNING PLANS</b> <b>PLAN SHEET</b> <b>Sta 1961+00 to Sta 1975+00</b>
ROUTE	LOCATION	I-17 - PRINCESS DRIVE		
SR 101L		TRACS NO. H8297 01L		

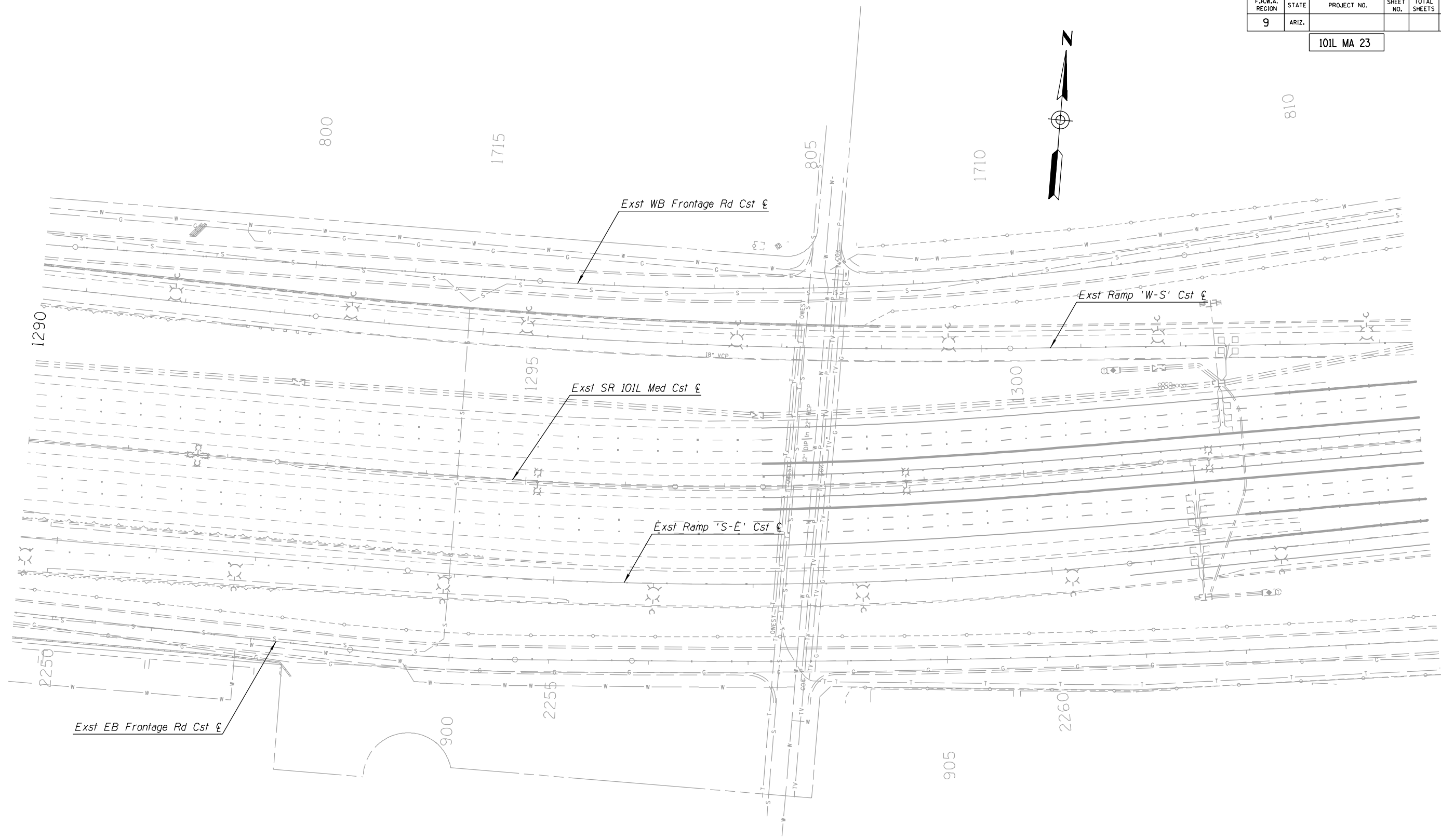
45



F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23

810



NO.1. DESCRIPTION OF REVISION DATE MADE BY NO.2. DESCRIPTION OF REVISION DATE MADE BY

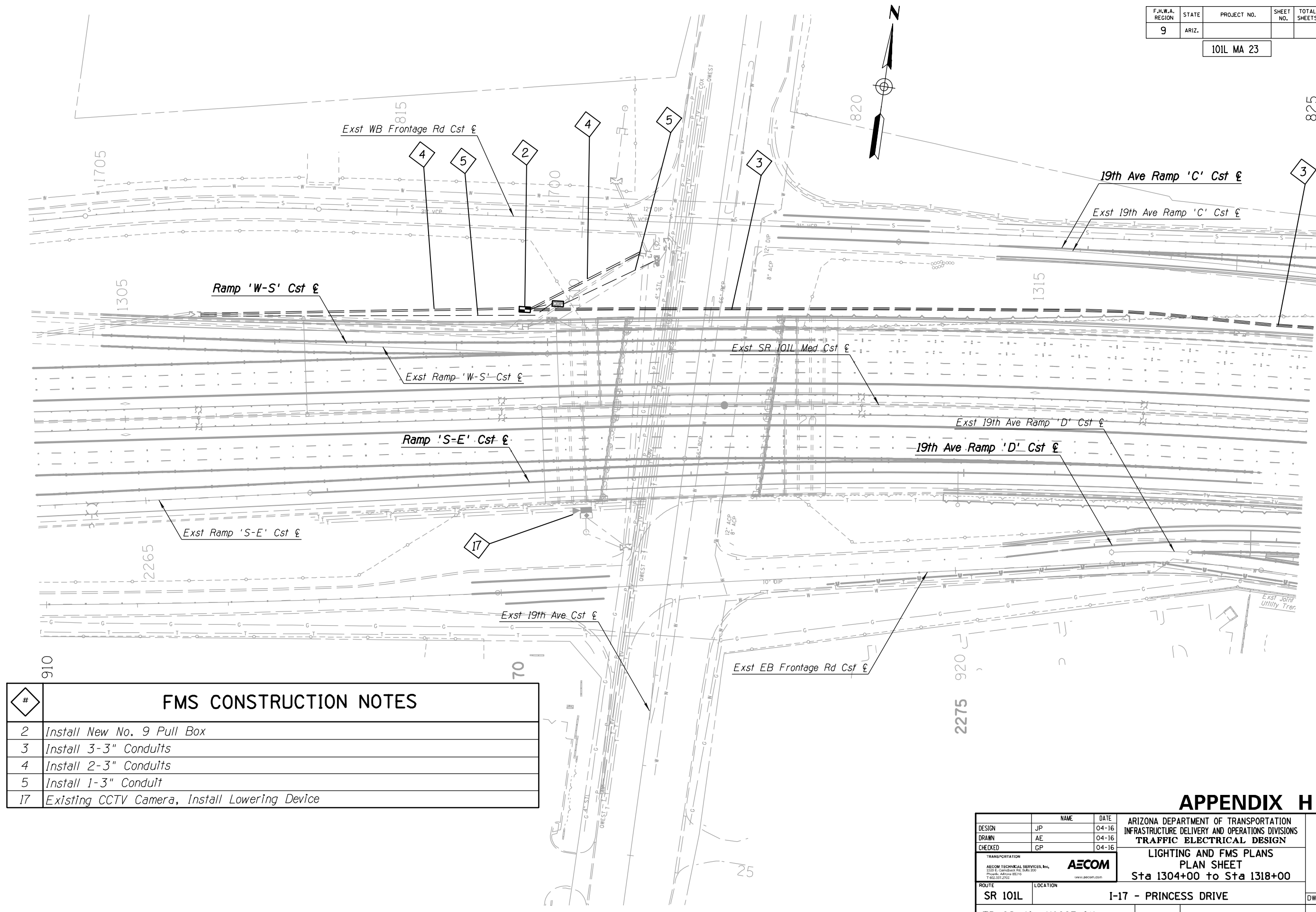
### APPENDIX H

DESIGN	JP	NAME	DATE	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>TRAFFIC ELECTRICAL DESIGN</b>	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER
DRAWN	AE		04-16		
CHECKED	GP		04-16		
<small>AECOM TECHNICAL SERVICES, Inc. 2325 E. Camelback Rd, Suite 200 Phoenix, Arizona 85016 T 602.337.2700</small>				<b>AECOM</b> LIGHTING AND FMS PLANS <b>PLAN SHEET</b> Sta 1290+00 to Sta 1304+00	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L				_____ <i>OF</i> _____	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23

825



#	FMS CONSTRUCTION NOTES
2	Install New No. 9 Pull Box
3	Install 3-3" Conduits
4	Install 2-3" Conduits
5	Install 1-3" Conduit
17	Existing CCTV Camera, Install Lowering Device

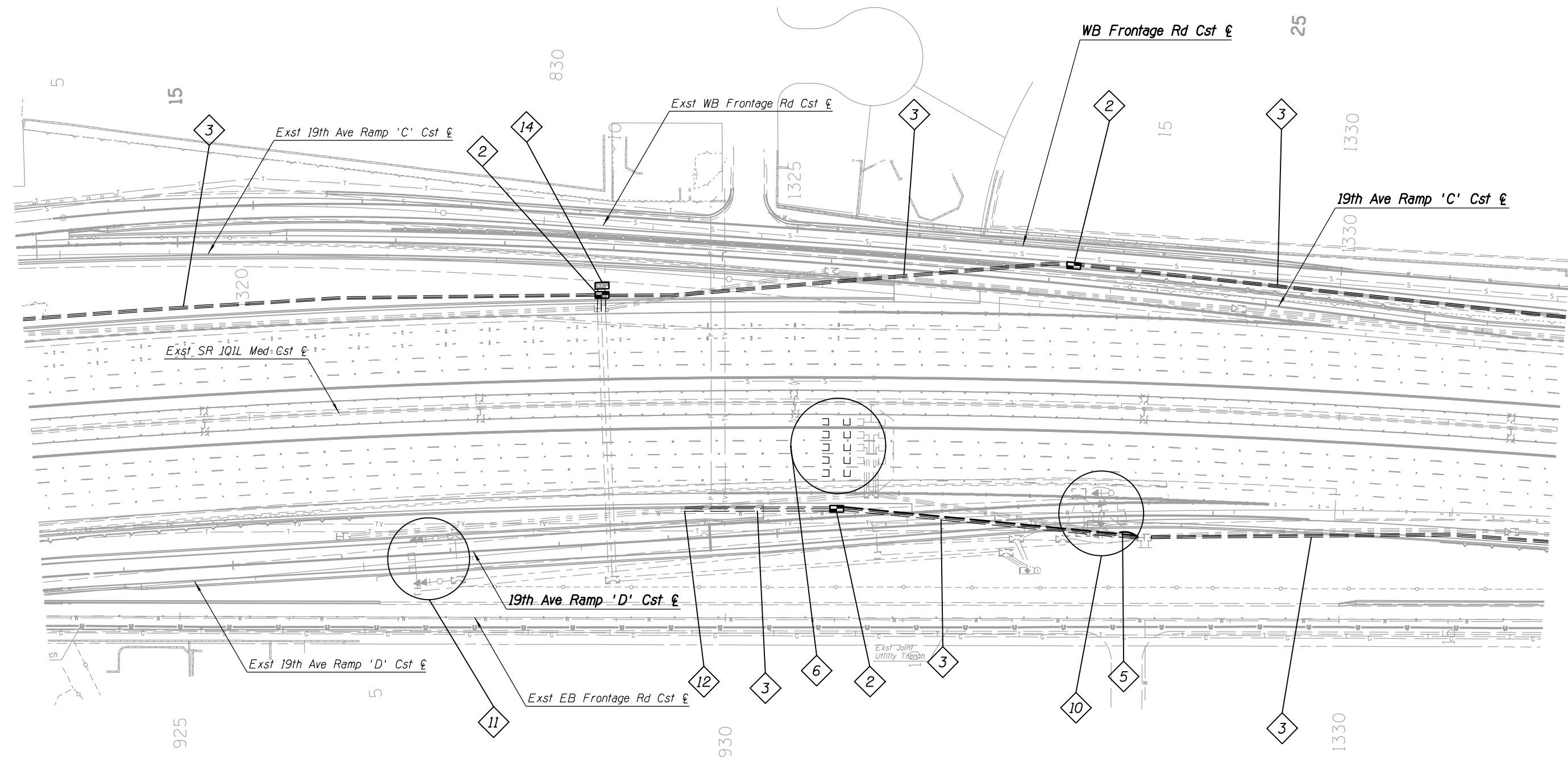
### APPENDIX H

DESIGN	JP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>TRAFFIC ELECTRICAL DESIGN</b>	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER
DRAWN	AE	DATE	04-16		
CHECKED	GP	DATE	04-16		
TRANSPORTATION		AECOM		LIGHTING AND FMS PLANS PLAN SHEET Sta 1304+00 to Sta 1318+00	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L				DWG NO. T-2.02	
				OF	

MADE BY: DATE: NO.1 DESCRIPTION OF REVISION: NO.2 DESCRIPTION OF REVISION: DATE: MADE BY: DATE:

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



#	FMS CONSTRUCTION NOTES
2	Install New No. 9 Pull Box
3	Install 3-3" Conduits
5	Install 1-3" Conduit
6	Install Twelve 6' x 6' Detector Loops
10	Relocate Ramp Meters
11	Relocate Flashers
12	Intercept Existing Conduit
14	Relocate COP Pull Box

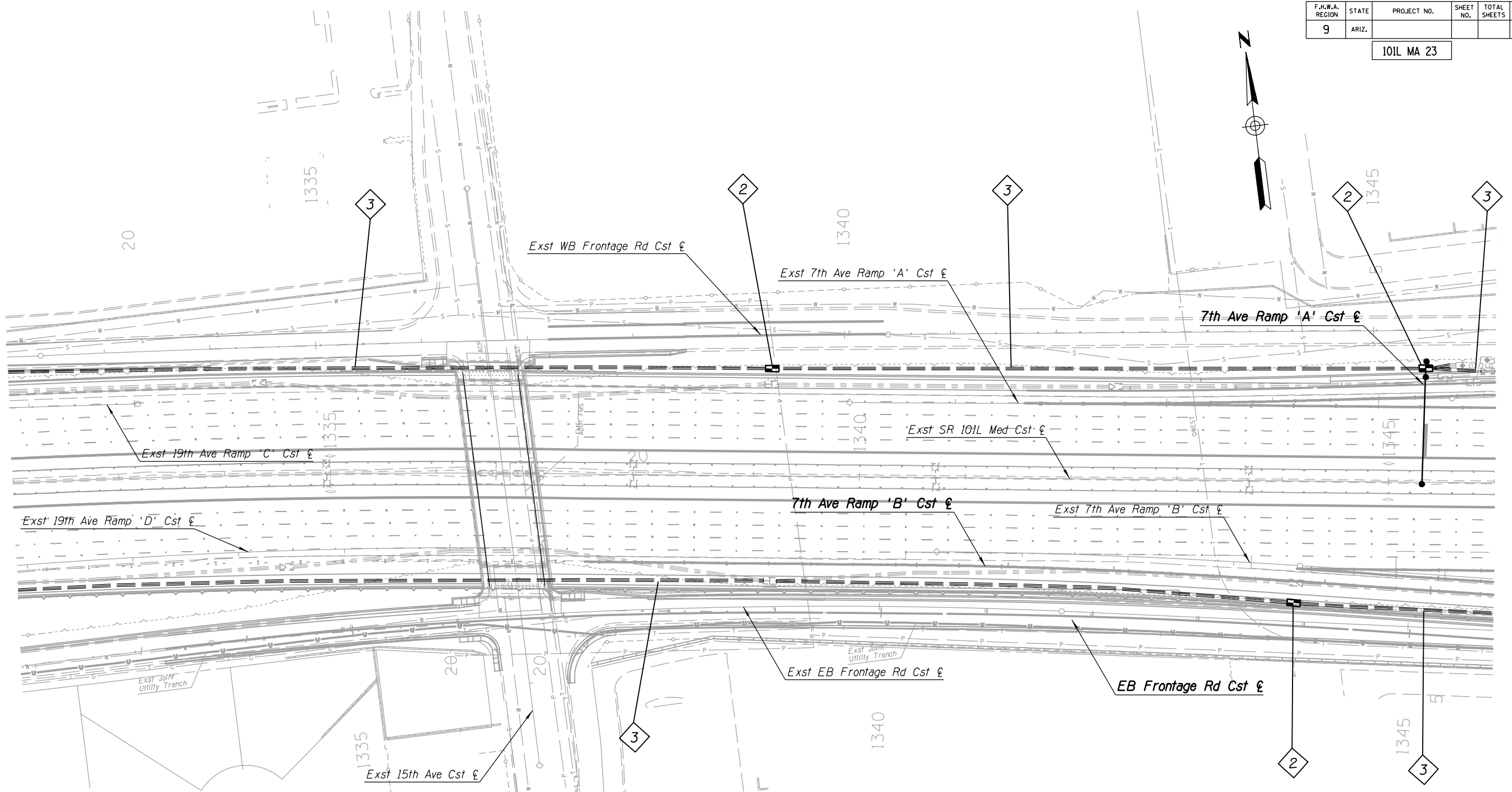
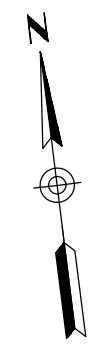
### APPENDIX H

DESIGN	JP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>TRAFFIC ELECTRICAL DESIGN</b> <b>DCR</b> NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER
DRAWN	AE	DATE	04-16	
CHECKED	GP	DATE	04-16	
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com		<b>AECOM</b>		<b>LIGHTING AND FMS PLANS          PLAN SHEET          Sta 1318+00 to Sta 1332+00</b>
ROUTE	LOCATION	SR 101L I-17 - PRINCESS DRIVE		DWG NO. T-2.03
TRACS NO. H8297 01L				OF

MADE BY: DATE: NO.1 DESCRIPTION OF REVISION: NO.2 DESCRIPTION OF REVISION:

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



#	FMS CONSTRUCTION NOTES
2	Install New No. 9 Pull Box
3	Install 3-3" Conduits

### APPENDIX H

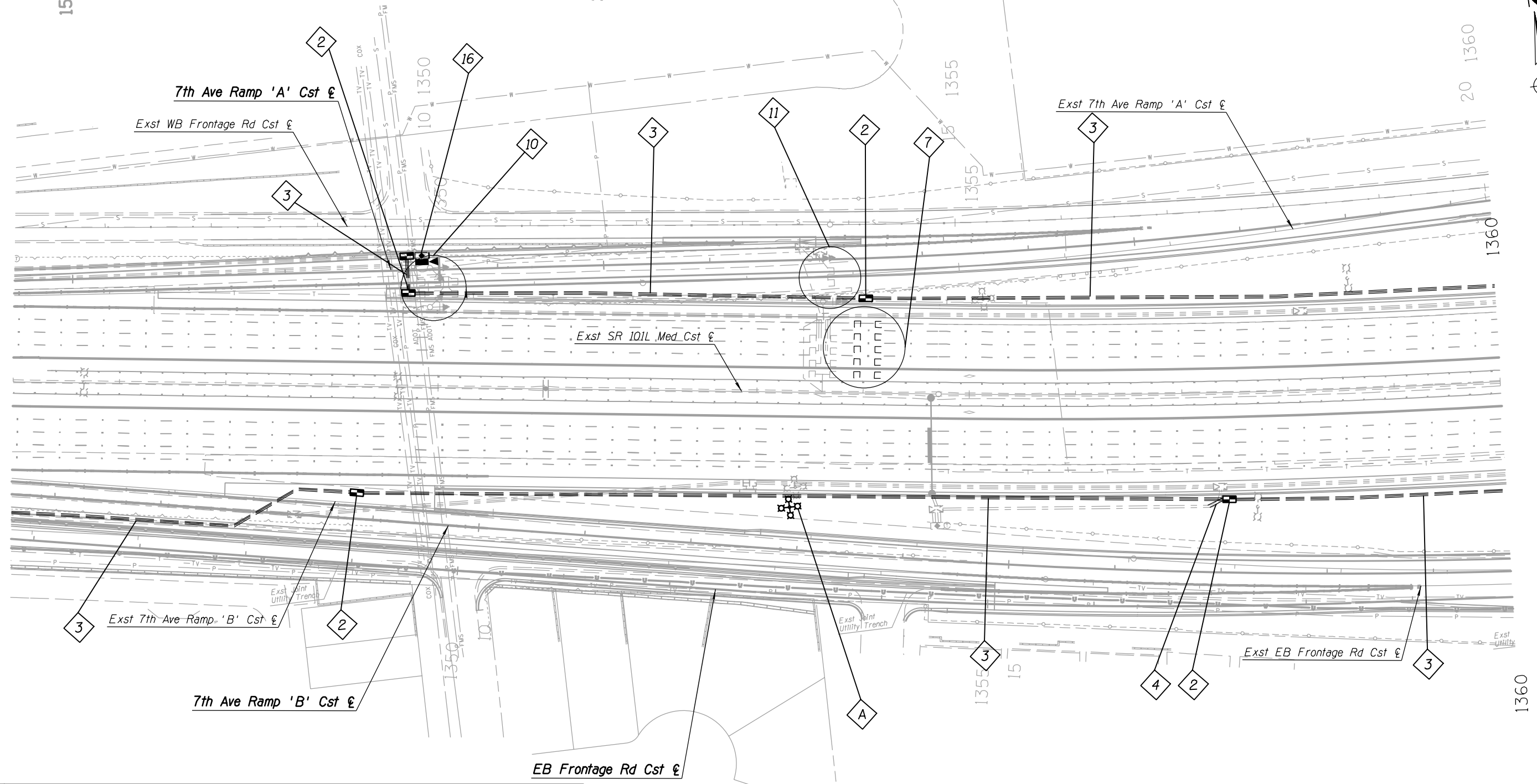
DESIGN	JP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>TRAFFIC ELECTRICAL DESIGN</b>	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER
DRAWN	AE	DATE	04-16		
CHECKED	GP	DATE	04-16		
TRANSPORTATION		AECOM		LIGHTING AND FMS PLANS PLAN SHEET Sta 1332+00 to Sta 1346+00	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE	DWG NO. T-2.04	
TRACS NO. H8297 01L				OF	

NO.1. DESCRIPTION OF REVISION DATE MADE BY NO.2. DESCRIPTION OF REVISION DATE MADE BY

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23

#	DESCRIPTION
A	Relocate Existing High Mast Light Pole and Fixtures on New Foundation



#	DESCRIPTION
2	Install New No. 9 Pull Box
3	Install 3-3" Conduits
4	Install 2-3" Conduits
7	Install Ten 6' x 6' Detector Loops
10	Relocate Ramp Meters
11	Relocate Flashers
16	Install CCTV Camera, Pole, Lowering Device, and Cabinet

### APPENDIX H

DESIGN	JP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>TRAFFIC ELECTRICAL DESIGN</b>	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER
DRAWN	AE	DATE	04-16		
CHECKED	GP	DATE	04-16		
TRANSPORTATION <small>AECOM TECHNICAL SERVICES, Inc.          2355 E. Camelback Rd., Suite 200          Phoenix, Arizona 85016          T: 602.337.2700</small>		<b>AECOM</b> <small>www.aecom.com</small>		<b>LIGHTING AND FMS PLANS</b> <b>PLAN SHEET</b> <b>Sta 1346+00 to Sta 1360+00</b>	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE	DWG NO. T-2.05	
TRACS NO. H8297 01L				OF	

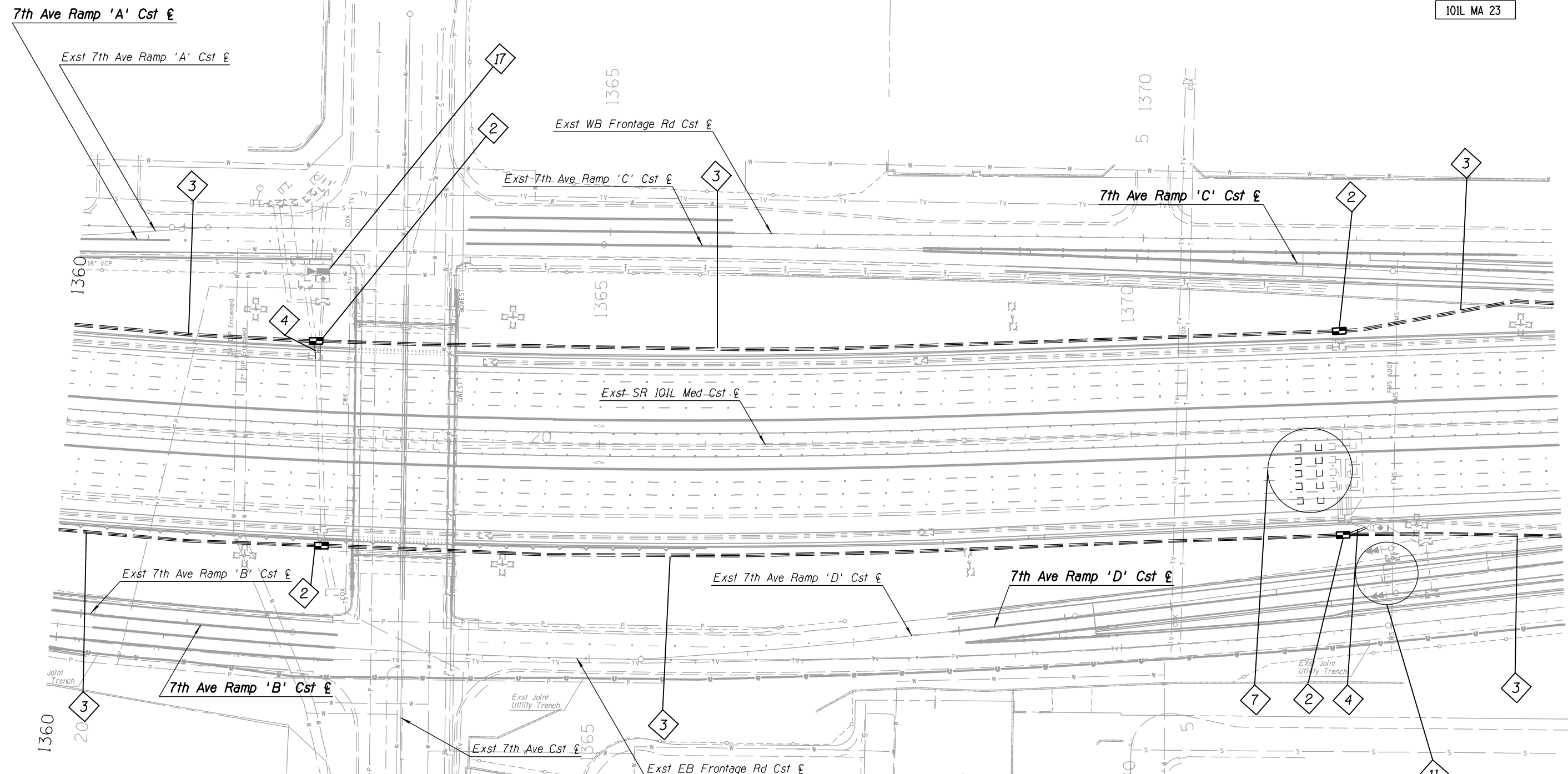
NO.1 DESCRIPTION OF REVISION  
 DATE  
 MADE BY  
 NO.2 DESCRIPTION OF REVISION  
 DATE  
 MADE BY

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



NO.1. DESCRIPTION OF REVISION DATE MADE BY NO.2. DESCRIPTION OF REVISION DATE MADE BY



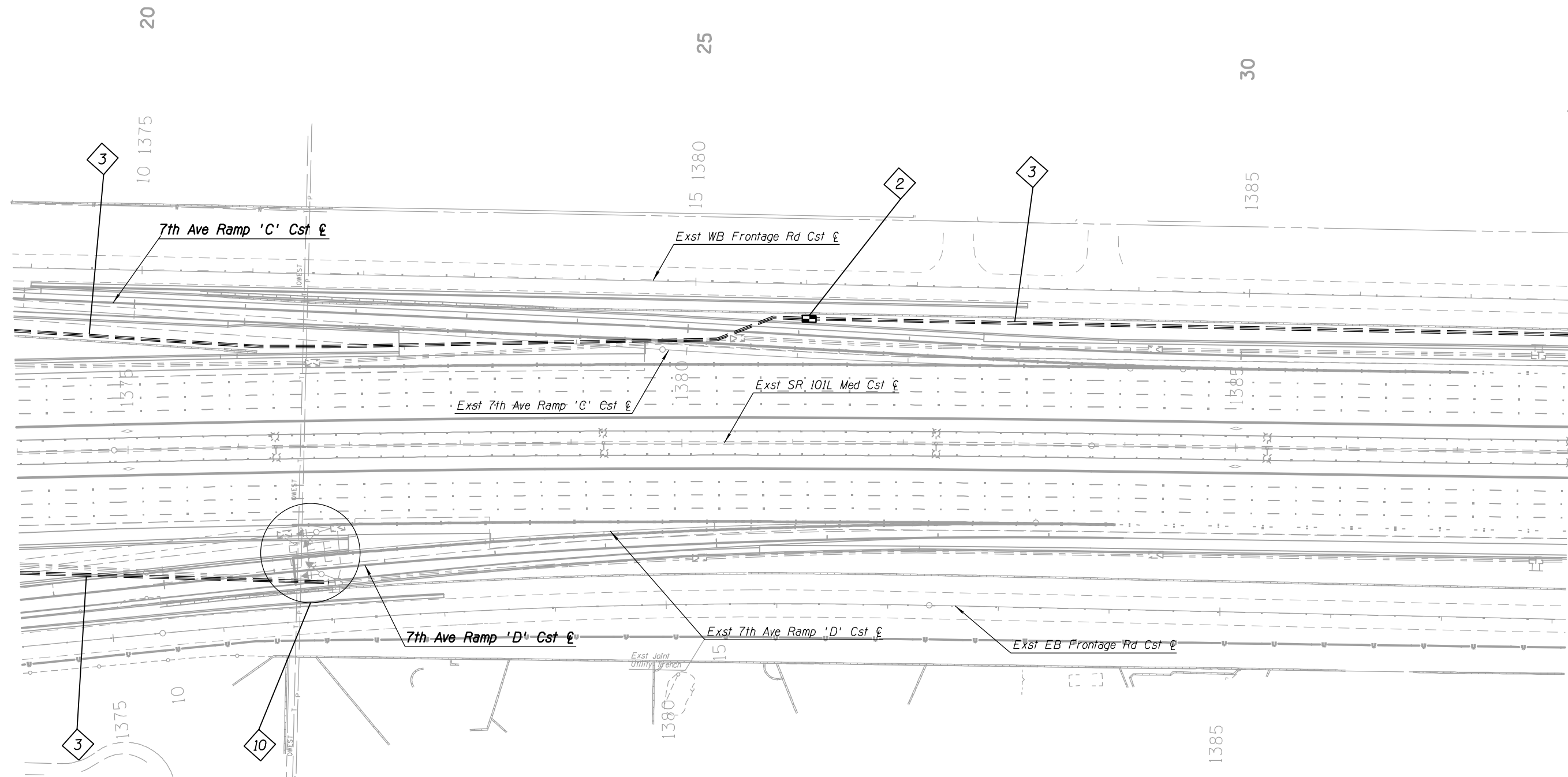
#	FMS CONSTRUCTION NOTES
2	Install New No. 9 Pull Box
3	Install 3-3" Conduits
4	Install 2-3" Conduits
7	Install Ten 6' x 6' Detector Loop
11	Relocate Flashers
17	Existing CCTV, Install Lowering Device

### APPENDIX H

DESIGN	JP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>TRAFFIC ELECTRICAL DESIGN</b>	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER
DRAWN	AE	DATE	04-16		
CHECKED	GP	DATE	04-16		
TRANSPORTATION		AECOM		LIGHTING AND FMS PLANS PLAN SHEET Sta 1360+00 to Sta 1374+00	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		DWG NO. T-2.06
TRACS NO. H8297 01L			OF		

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



#	FMS CONSTRUCTION NOTES
2	Install New No. 9 Pull Box
3	Install 3-3" Conduits
10	Relocate Ramp Meters

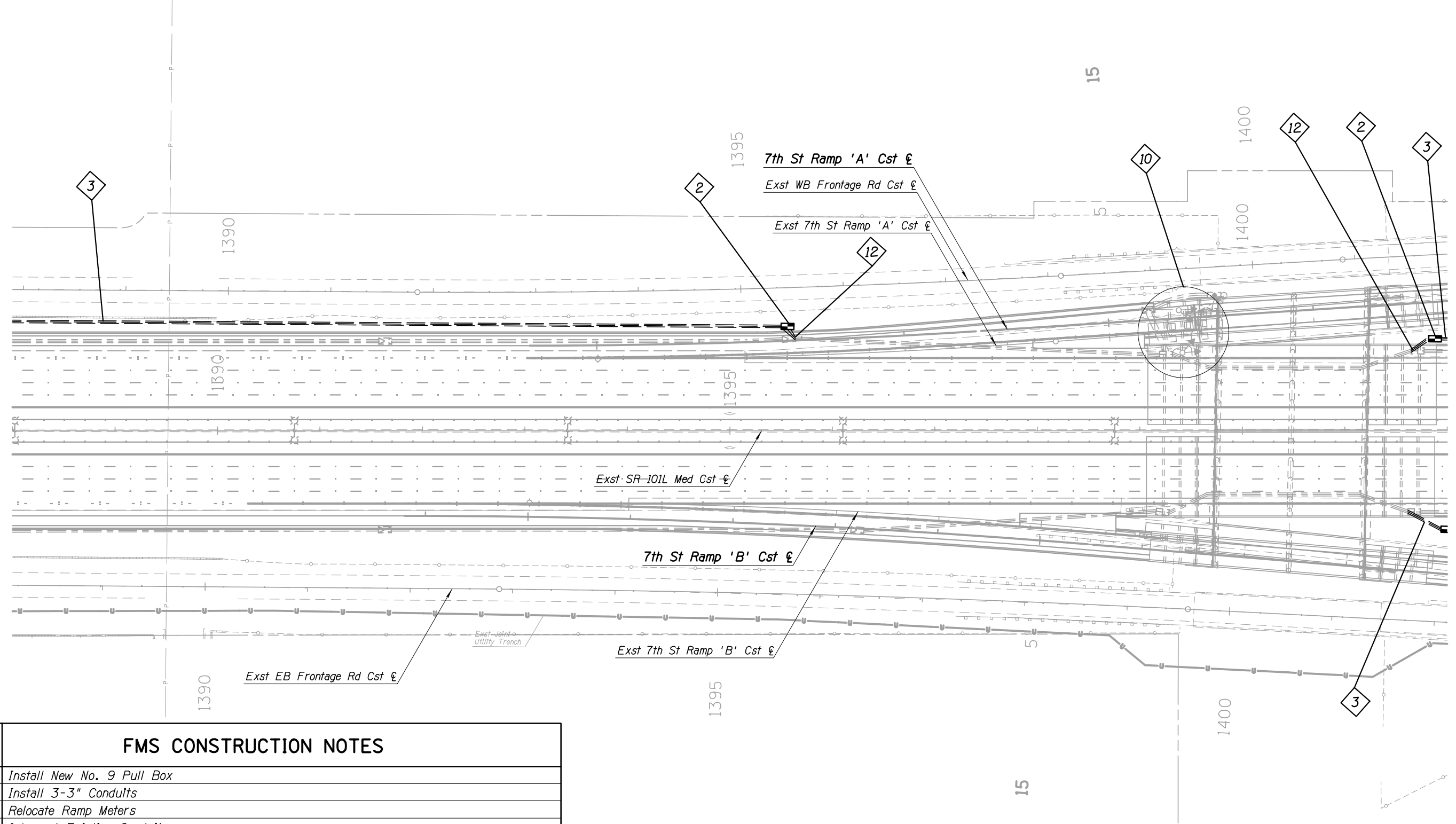
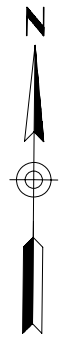
### APPENDIX H

DESIGN	JP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>TRAFFIC ELECTRICAL DESIGN</b>	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER
DRAWN	AE	DATE	04-16		
CHECKED	GP	DATE	04-16		
TRANSPORTATION		AECOM		LIGHTING AND FMS PLANS PLAN SHEET Sta 1374+00 to Sta 1388+00	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE	DWG NO. T-2.07	
TRACS NO. H8297 01L				OF	

NO.1 DESCRIPTION OF REVISION DATE MADE BY NO.2 DESCRIPTION OF REVISION DATE MADE BY

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



#	FMS CONSTRUCTION NOTES
2	Install New No. 9 Pull Box
3	Install 3-3" Conduits
10	Relocate Ramp Meters
12	Intercept Existing Conduit

### APPENDIX H

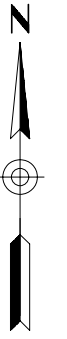
DESIGN	JP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS TRAFFIC ELECTRICAL DESIGN  LIGHTING AND FMS PLANS PLAN SHEET Sta 1388+00 to Sta 1402+00	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER DWG NO. T-2.08 OF
DRAWN	AE	DATE	04-16		
CHECKED	GP	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com		<b>AECOM</b>			
ROUTE	SR 101L	LOCATION	1-17 - PRINCESS DRIVE		
TRACS NO. H8297 OIL					

NO.1 DESCRIPTION OF REVISION DATE MADE BY NO.2 DESCRIPTION OF REVISION DATE MADE BY

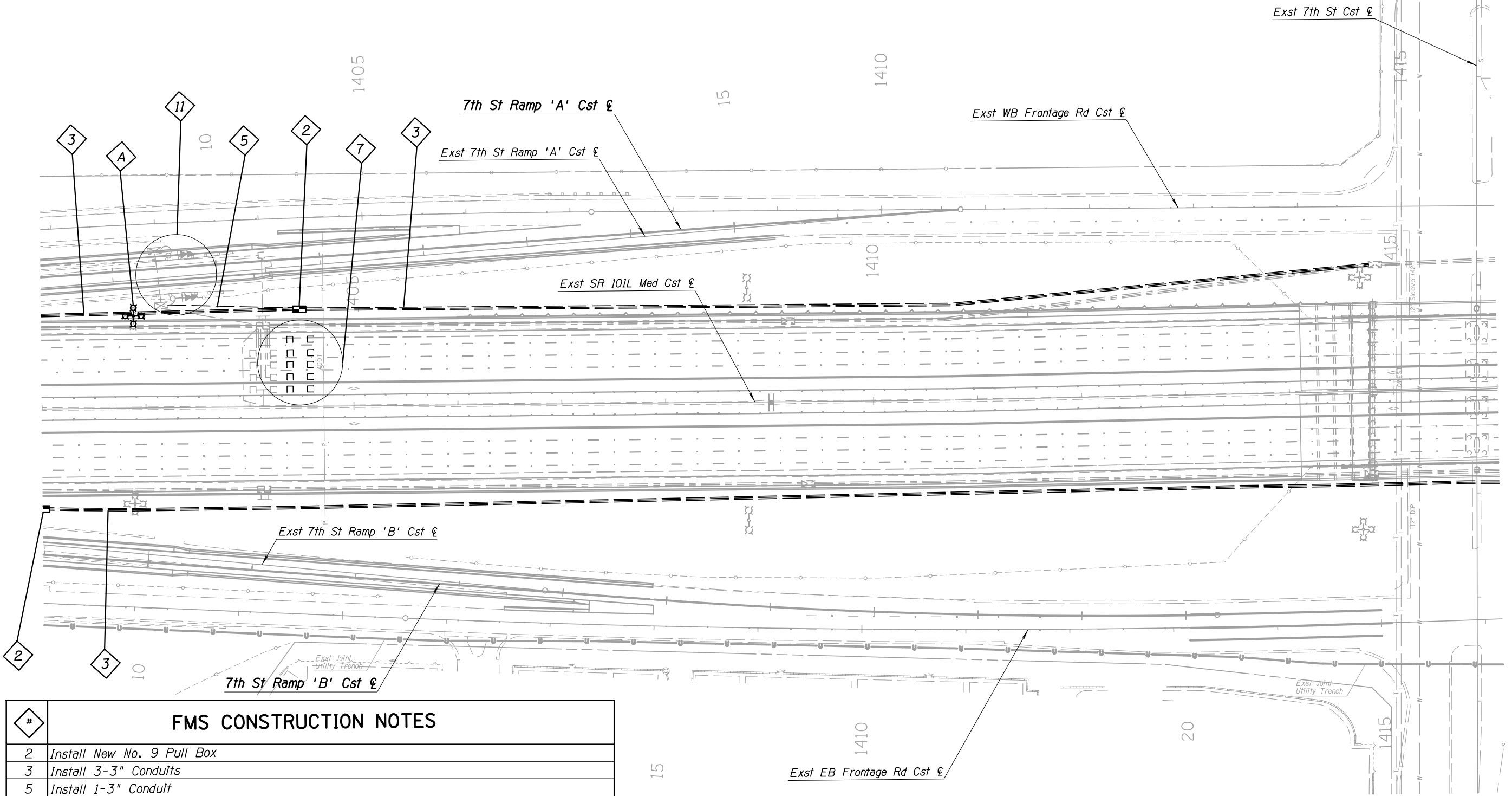


F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



#	DESCRIPTION
A	Relocate Existing High Mast Light Pole and Fixtures on New Foundation



#	DESCRIPTION
2	Install New No. 9 Pull Box
3	Install 3-3" Conduits
5	Install 1-3" Conduit
7	Install Ten 6' x 6' Detector Loop
11	Relocate Flashers

### APPENDIX H

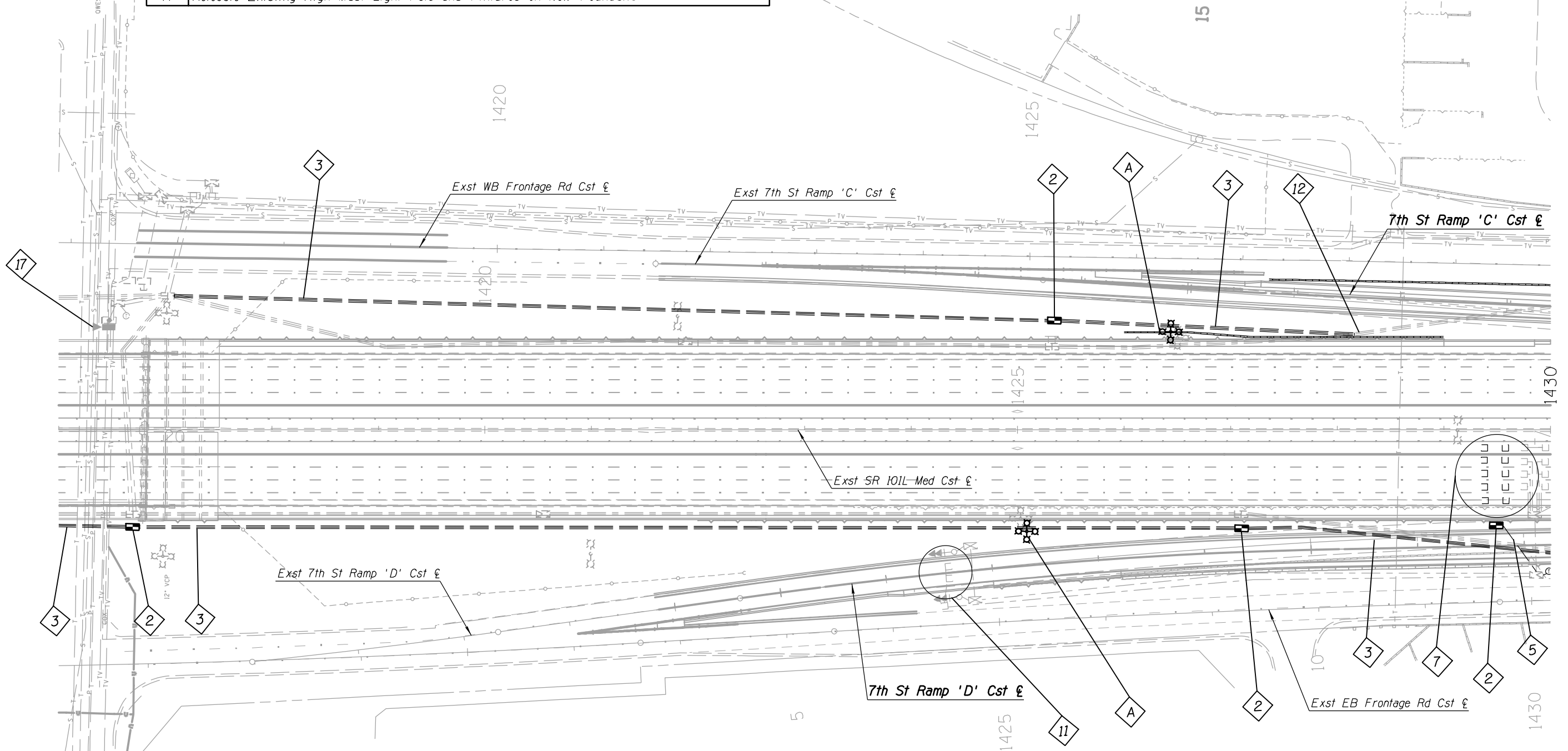
DESIGN	JP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS TRAFFIC ELECTRICAL DESIGN	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER
DRAWN	AE	DATE	04-16		
CHECKED	GP	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com		<b>AECOM</b>		<b>LIGHTING AND FMS PLANS          PLAN SHEET          Sta 1402+00 to Sta 1416+00</b>	
ROUTE	SR 101L	LOCATION	1-17 - PRINCESS DRIVE		DWG NO. T-2.09
TRACS NO. H8297 01L			OF		

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



#	DESCRIPTION
A	Relocate Existing High Mast Light Pole and Fixtures on New Foundation



#	DESCRIPTION
2	Install New No. 9 Pull Box
3	Install 3-3" Conduits
5	Install 1-3" Conduit
7	Install Ten 6' x 6' Detector Loops
11	Relocate Flashers
12	Intercept Existing Conduit
17	Existing CCTV Camera, Install Lowering Device

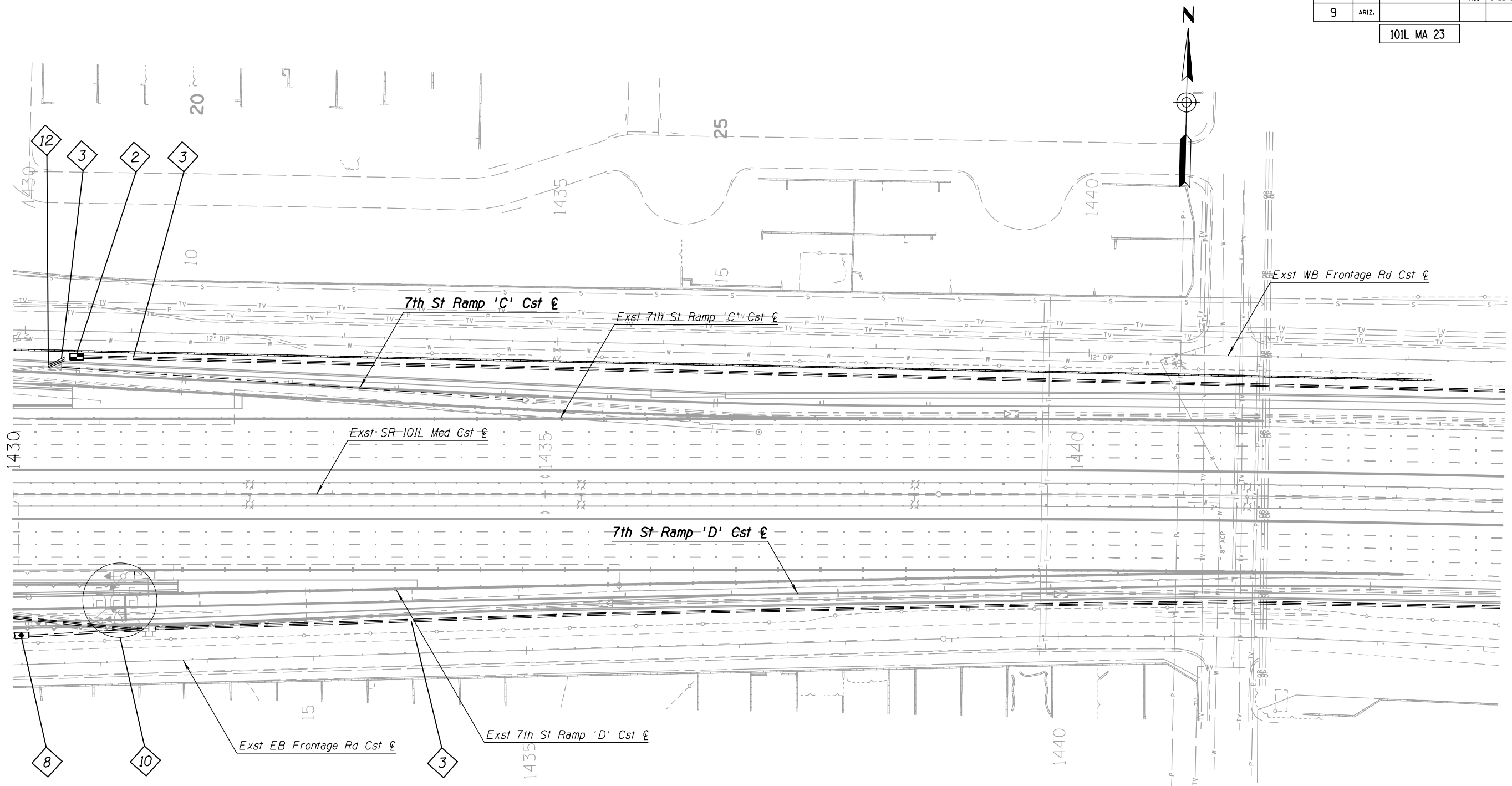
### APPENDIX H

DESIGN	JP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>TRAFFIC ELECTRICAL DESIGN</b> <b>DCR</b> NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER
DRAWN	AE	DATE	04-16	
CHECKED	GP	DATE	04-16	
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2325 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700		<b>AECOM</b> www.aecom.com		<b>LIGHTING AND FMS PLANS</b> <b>PLAN SHEET</b> <b>Sta 1416+00 to Sta 1430+00</b>
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE	DWG NO. T-2.10
TRACS NO. H8297 01L				OF

MADE BY: DATE: NO.1 DESCRIPTION OF REVISION: NO.2 DESCRIPTION OF REVISION:

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



NO.1. DESCRIPTION OF REVISION DATE MADE BY NO.2. DESCRIPTION OF REVISION DATE MADE BY

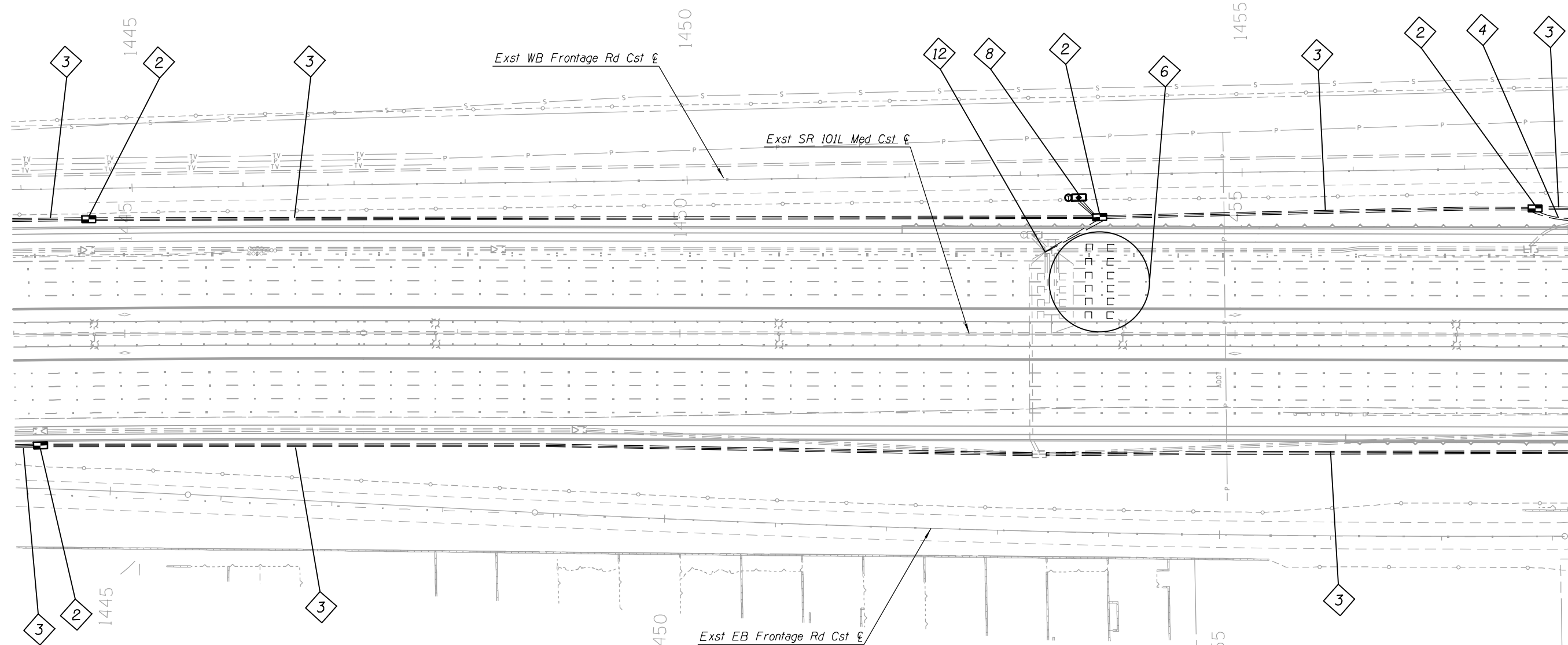
#	FMS CONSTRUCTION NOTES
2	Install New No. 9 Pull Box
3	Install 3-3" Conduits
8	Relocate Controller Cabinet
10	Relocate Ramp Meters
12	Intercept Existing Conduit

### APPENDIX H

DESIGN	JP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>TRAFFIC ELECTRICAL DESIGN</b>	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER
DRAWN	AE	DATE	04-16		
CHECKED	GP	DATE	04-16		
TRANSPORTATION		AECOM		LIGHTING AND FMS PLANS PLAN SHEET Sta 1430+00 to Sta 1444+00	
ROUTE	LOCATION	I-17 - PRINCESS DRIVE		DWG NO. T-2.11	
SR 101L		TRACS NO. H8297 01L		OF	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



#	FMS CONSTRUCTION NOTES
2	Install New No. 9 Pull Box
3	Install 3-3" Conduits
4	Install 2-3" Conduits
6	Install Twelve 6' x 6' Detector Loops
8	Relocate Controller Cabinet
12	Intercept Existing Conduit

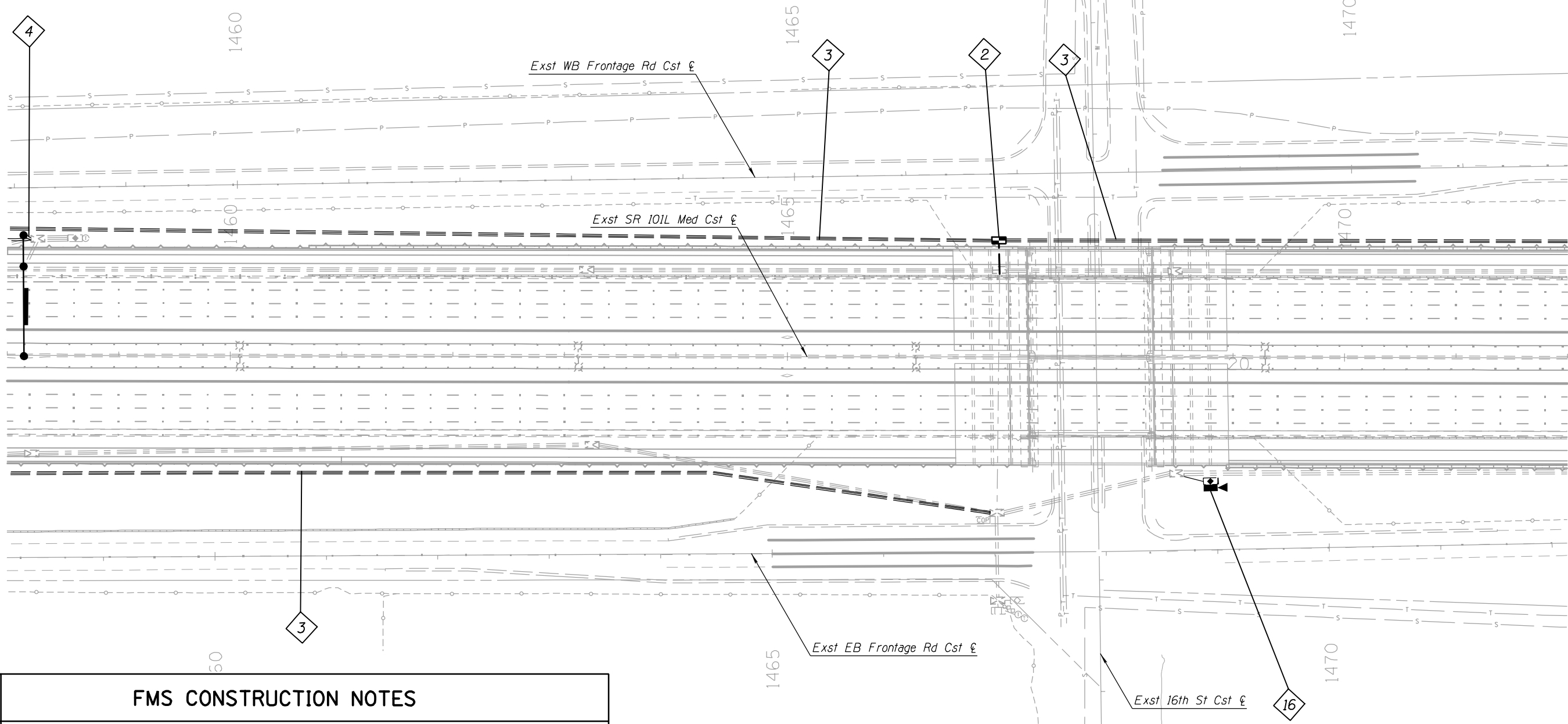
### APPENDIX H

DESIGN	NAME	DATE	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>TRAFFIC ELECTRICAL DESIGN</b>	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER
DRAWN	JP	04-16		
CHECKED	AE	04-16		
TRANSPORTATION			LIGHTING AND FMS PLANS PLAN SHEET Sta 1444+00 to Sta 1458+00	DWG NO. T-2.12
AECOM TECHNICAL SERVICES, Inc. 2335 E. Camelback Rd, Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com				
ROUTE	LOCATION	I-17 - PRINCESS DRIVE		OF
SR 101L				
TRACS NO. H8297 01L				

NO.1 DESCRIPTION OF REVISION DATE MADE BY NO.2 DESCRIPTION OF REVISION DATE MADE BY

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



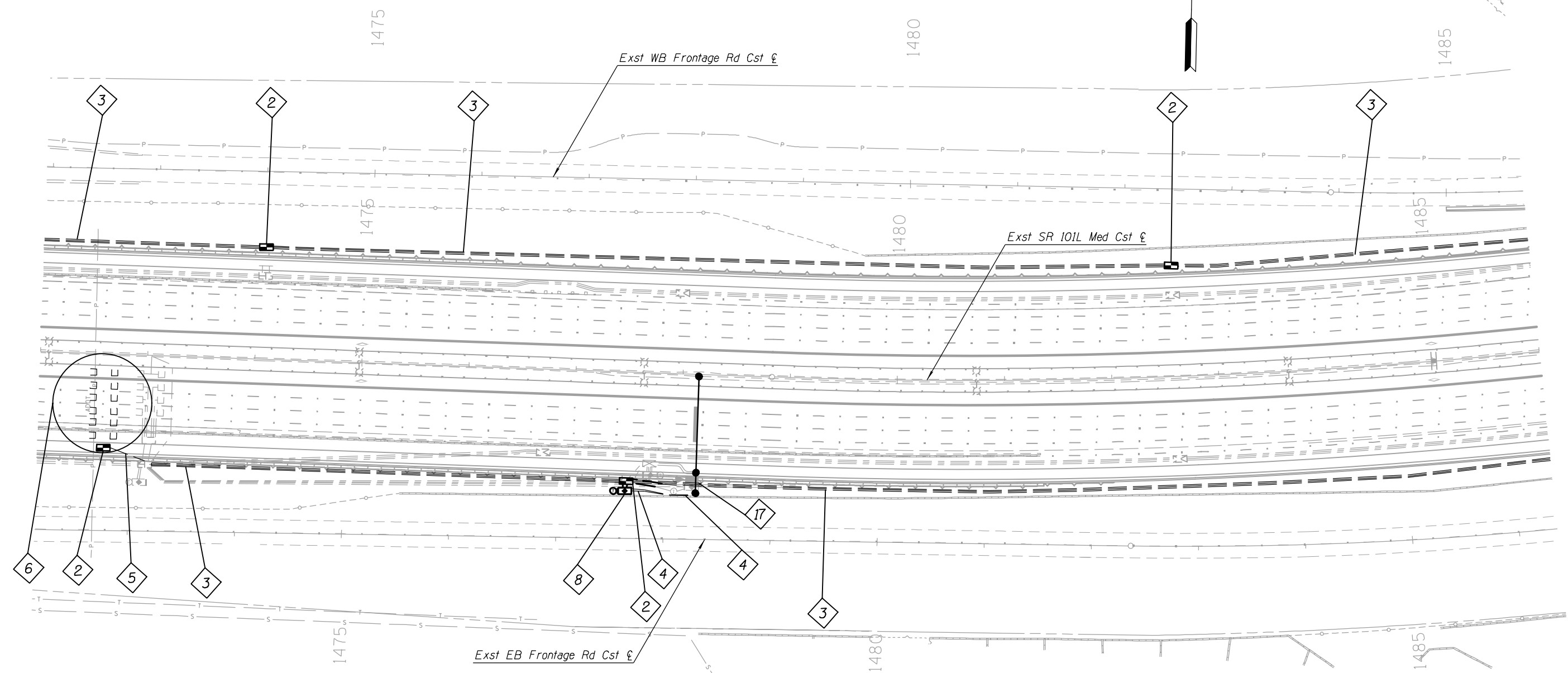
#	FMS CONSTRUCTION NOTES
2	Install New No. 9 Pull Box
3	Install 3-3" Conduits
4	Install 2-3" Conduits
16	Install CCTV Camera, Pole, Lowering Device, and Cabinet

DESIGN		NAME	DATE	<b>APPENDIX H</b> ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>TRAFFIC ELECTRICAL DESIGN</b> <b>LIGHTING AND FMS PLANS</b> <b>PLAN SHEET</b> <b>Sta 1458+00 to Sta 1472+00</b>	<b>DCR</b> NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER
DRAWN					
CHECKED					
TRANSPORTATION					
<small>AECOM TECHNICAL SERVICES, Inc.          2325 E. Camelback Rd., Suite 200          Phoenix, Arizona 85016          T 602.337.2700</small>					
ROUTE	LOCATION				
SR 101L	I-17 - PRINCESS DRIVE				DWG NO. T-2.13
TRACS NO. H8297 01L					OF

NO.1 DESCRIPTION OF REVISION DATE MADE BY NO.2 DESCRIPTION OF REVISION DATE MADE BY

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



#	FMS CONSTRUCTION NOTES
2	Install New No. 9 Pull Box
3	Install 3-3" Conduits
4	Install 2-3" Conduits
5	Install 1-3" Conduit
6	Install Twelve 6' x 6' Detector Loops
8	Relocate Controller Cabinet
17	Existing CCTV Camera, Install Lowering Device

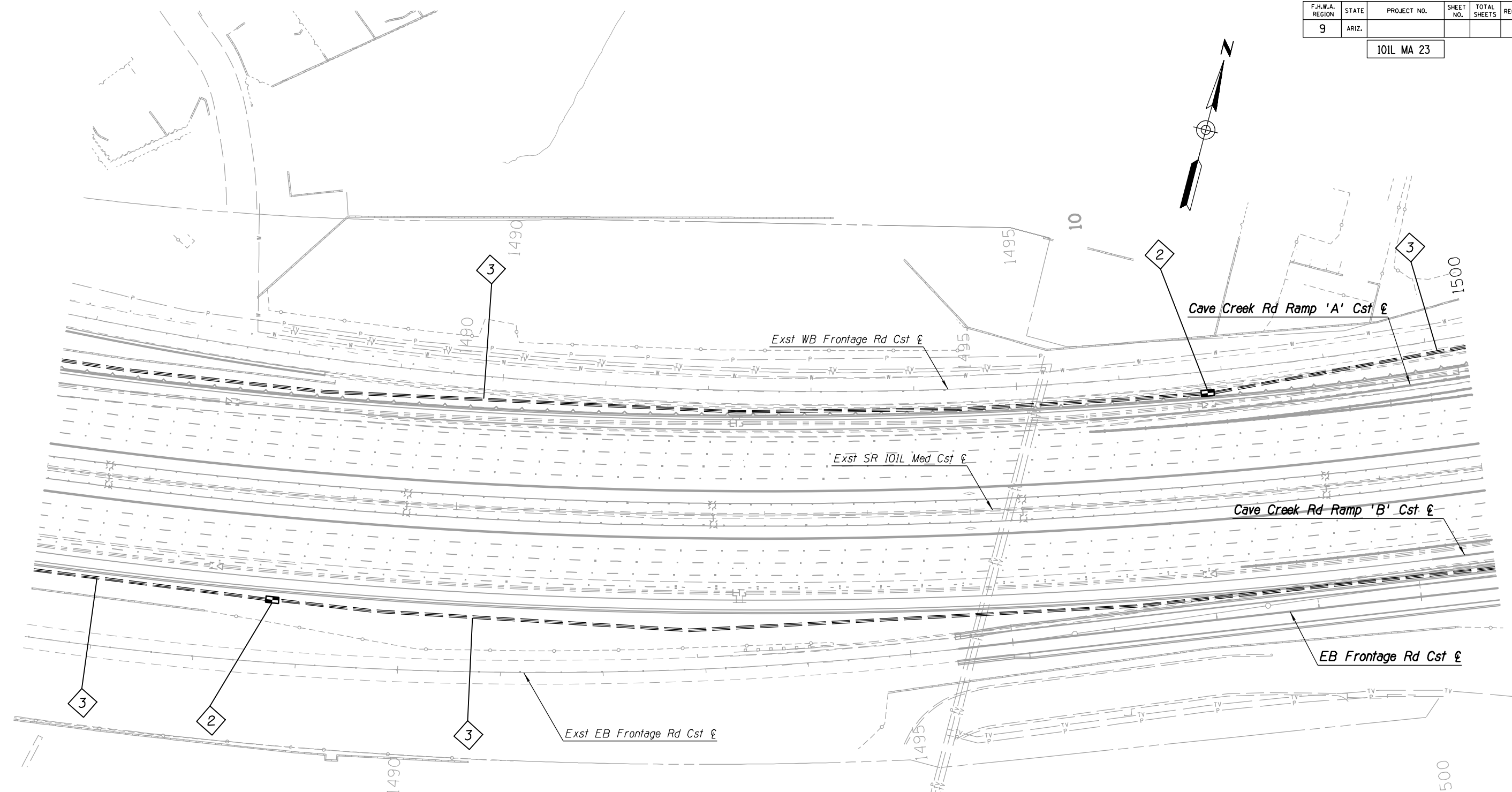
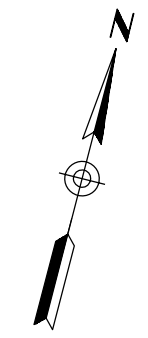
### APPENDIX H

DESIGN	NAME	DATE	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>TRAFFIC ELECTRICAL DESIGN</b>	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER
DRAWN	JP	04-16		
CHECKED	AE	04-16		
TRANSPORTATION			LIGHTING AND FMS PLANS PLAN SHEET Sta 1472+00 to Sta 1486+00	DWG NO. T-2.14
ROUTE	LOCATION			
SR 101L	I-17 - PRINCESS DRIVE			
TRACS NO. H8297 01L				OF

NO.1. DESCRIPTION OF REVISION DATE MADE BY NO.2. DESCRIPTION OF REVISION DATE MADE BY

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



#	FMS CONSTRUCTION NOTES
2	Install New No. 9 Pull Box
3	Install 3-3" Conduits

### APPENDIX H

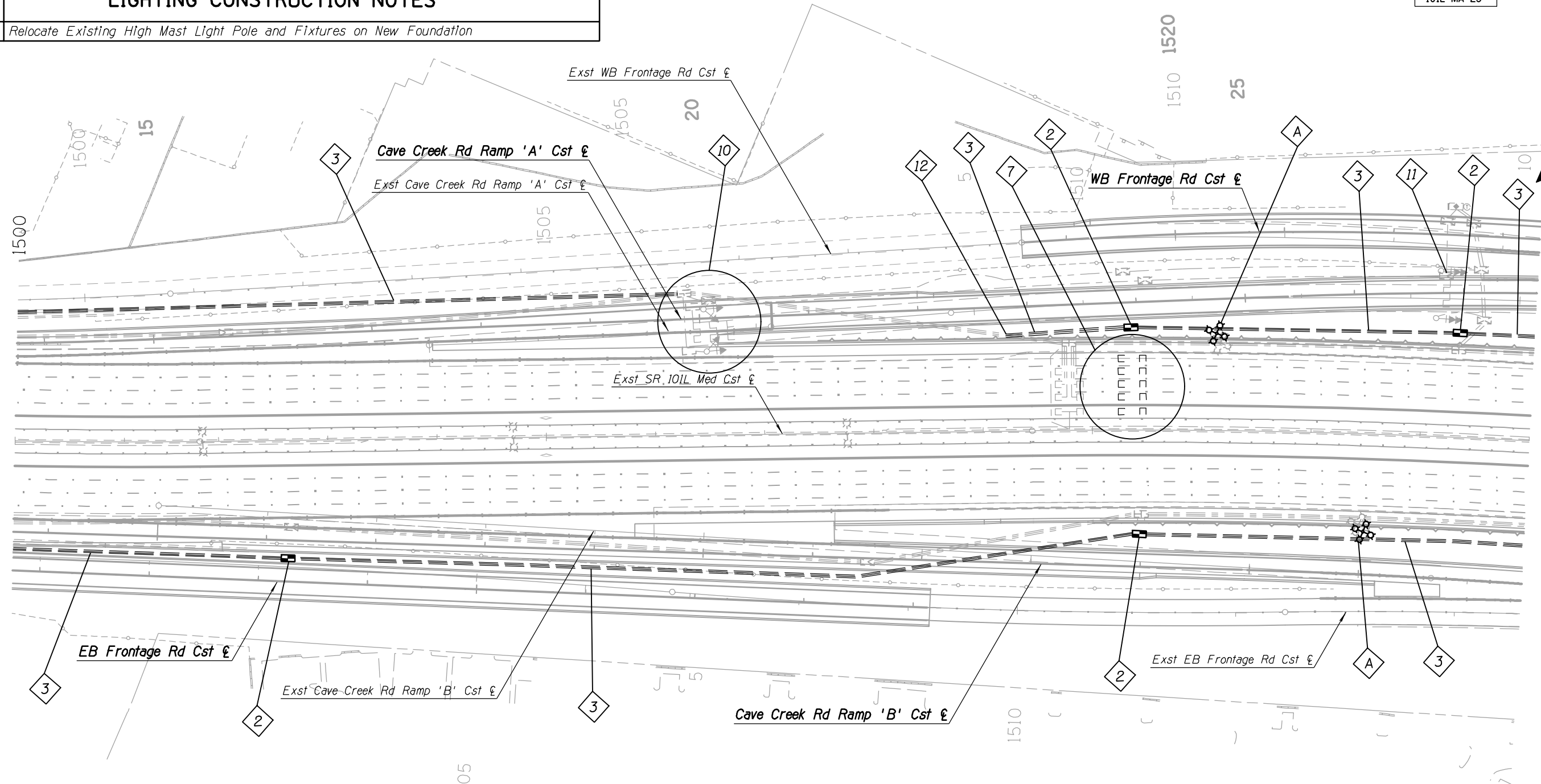
DESIGN	JP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>TRAFFIC ELECTRICAL DESIGN</b>	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER
DRAWN	AE	DATE	04-16		
CHECKED	GP	DATE	04-16		
TRANSPORTATION		<b>AECOM</b>		LIGHTING AND FMS PLANS PLAN SHEET Sta 1486+00 to Sta 1500+00	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE	DWG NO. T-2.15	
TRACS NO. H8297 01L				OF	

NO.1 DESCRIPTION OF REVISION DATE MADE BY NO.2 DESCRIPTION OF REVISION DATE MADE BY

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23

#	DESCRIPTION
A	Relocate Existing High Mast Light Pole and Fixtures on New Foundation



#	DESCRIPTION
2	Install New No. 9 Pull Box
3	Install 3-3" Conduits
7	Install Ten 6' x 6' Detector Loops
10	Relocate Ramp Meters
11	Relocate Flashers
12	Intercept Existing Conduit

### APPENDIX H

DESIGN	JP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>TRAFFIC ELECTRICAL DESIGN</b>	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER
DRAWN	AE	DATE	04-16		
CHECKED	GP	DATE	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2355 E. Camelback Rd, Suite 200 Phoenix, Arizona 85016 T 602.337.2700		<b>AECOM</b> www.aecom.com		<b>LIGHTING AND FMS PLANS</b> <b>PLAN SHEET</b> <b>Sta 1500+00 to Sta 1514+00</b>	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE	DWG NO. T-2.16 OF	
TRACS NO. H8297 01L					

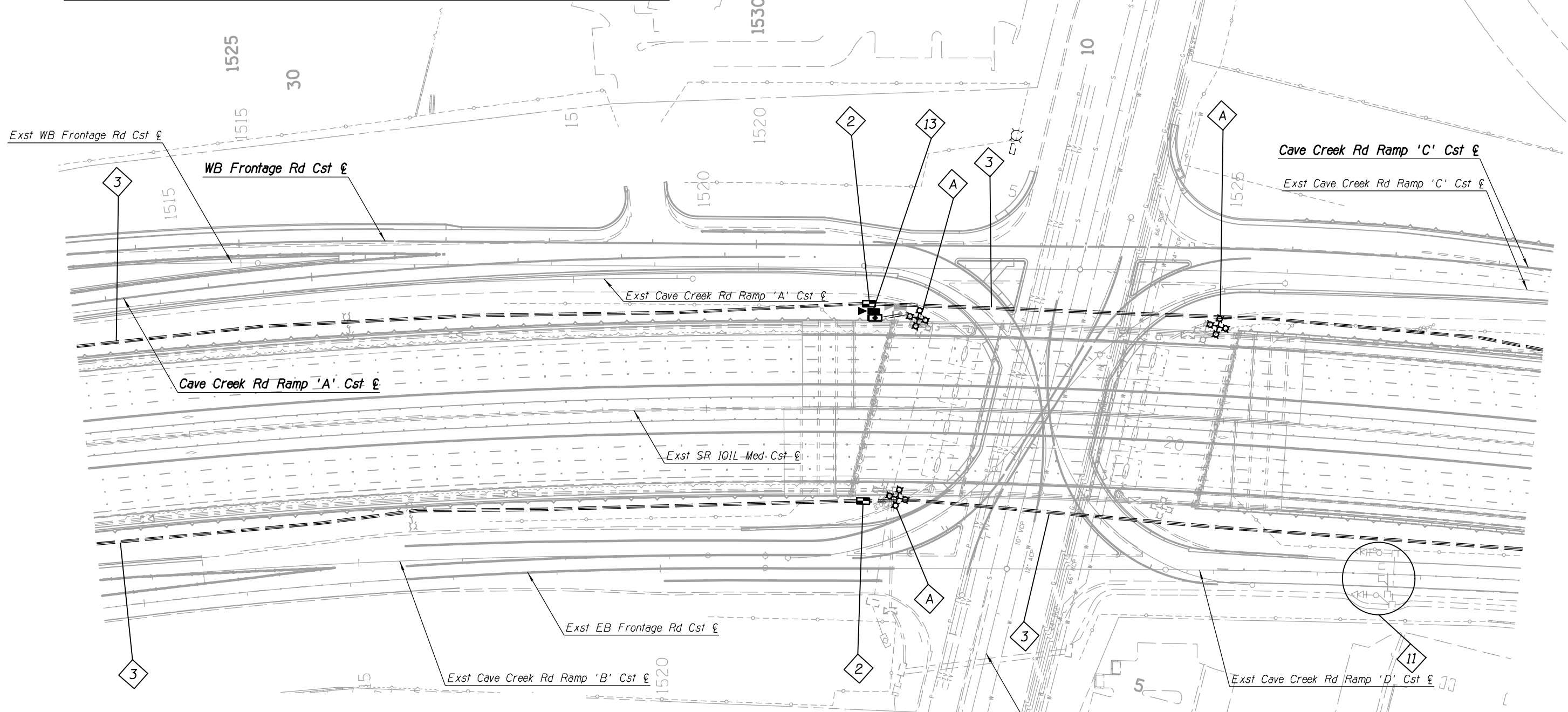
NO.1 DESCRIPTION OF REVISION DATE MADE BY  
 NO.2 DESCRIPTION OF REVISION DATE MADE BY



F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23

#	DESCRIPTION
A	Relocate Existing High Mast Light Pole and Fixtures on New Foundation



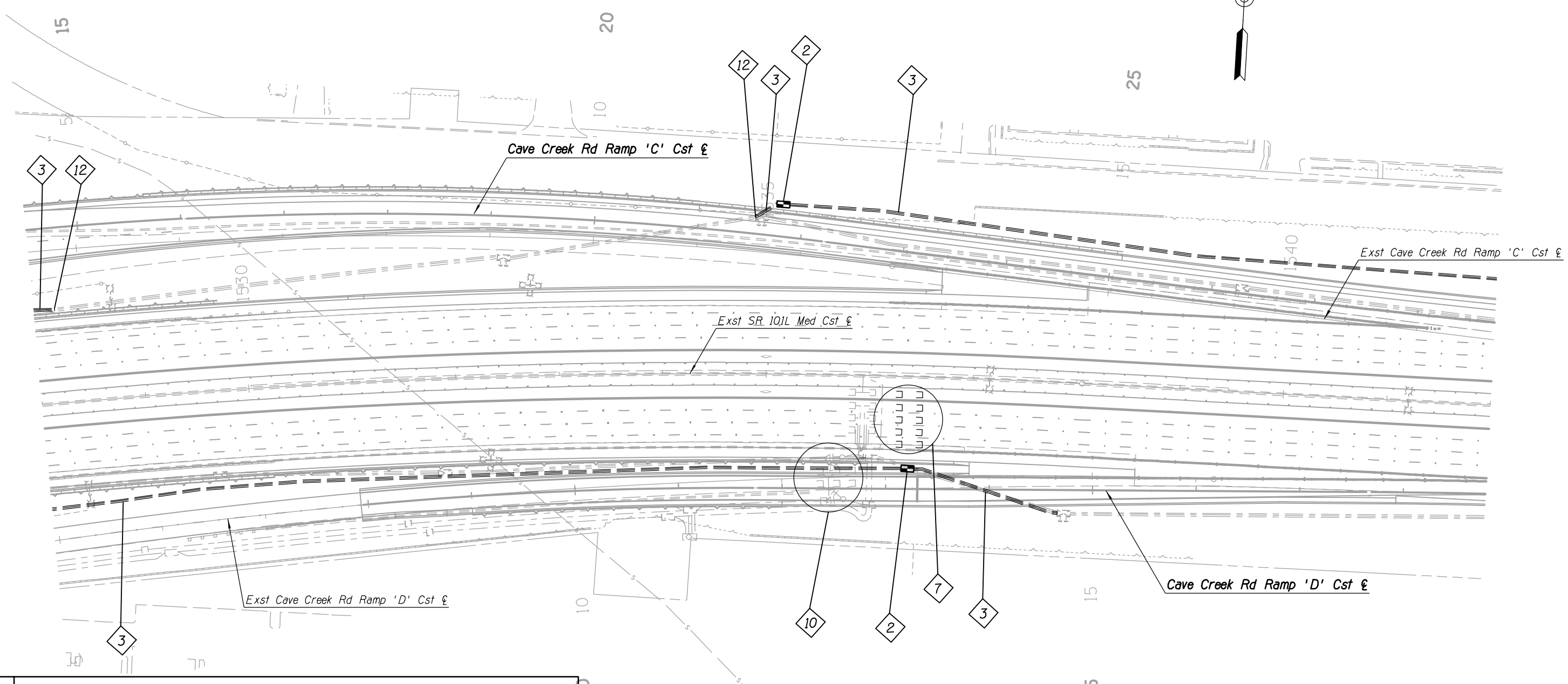
#	DESCRIPTION
2	Install New No. 9 Pull Box
3	Install 3-3" Conduits
11	Relocate Flashers
13	Relocate CCTV Camera and Pole, Install Lowering Device

### APPENDIX H

DESIGN	JP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>TRAFFIC ELECTRICAL DESIGN</b>	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER
DRAWN	AE	DATE	04-16		
CHECKED	GP	DATE	04-16		
TRANSPORTATION		AECOM		LIGHTING AND FMS PLANS PLAN SHEET Sta 1514+00 to Sta 1528+00	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE	DWG NO. T-2.17	
TRACS NO. H8297 01L				OF	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



#	FMS CONSTRUCTION NOTES
2	Install New No. 9 Pull Box
3	Install 3-3" Conduits
7	Install Ten 6' x 6' Detector Loops
10	Relocate Ramp Meters
12	Intercept Existing Conduit

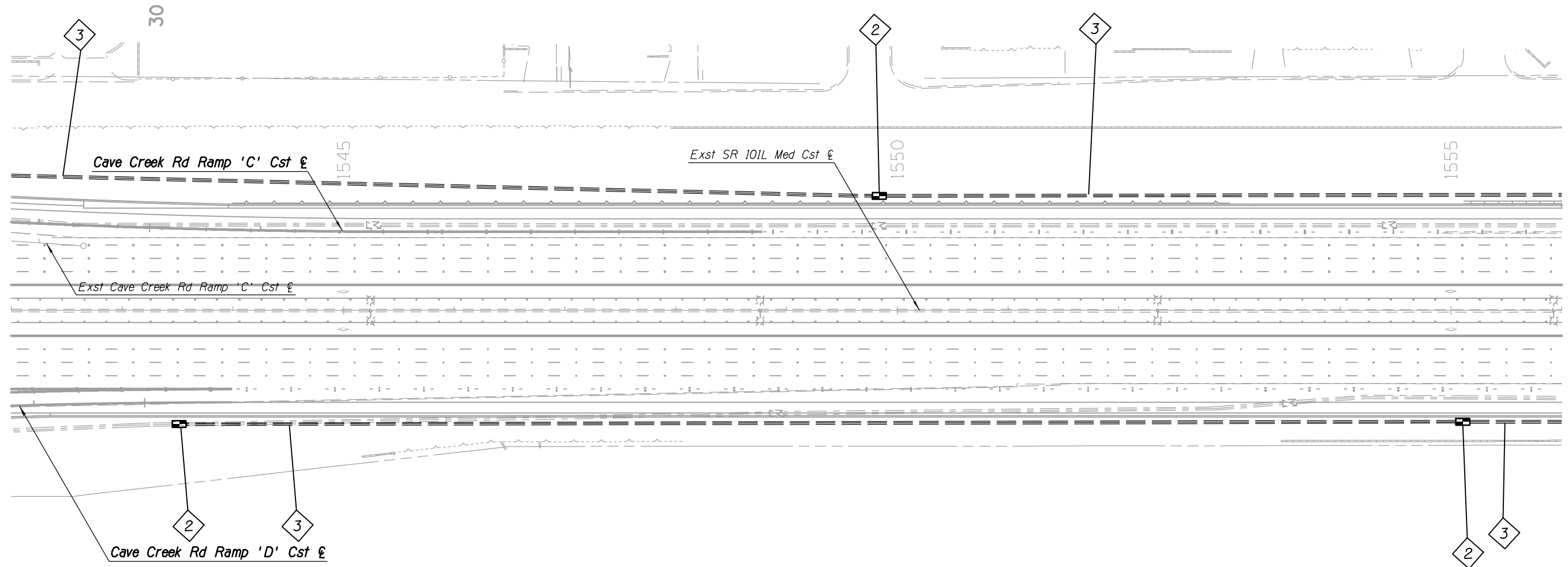
### APPENDIX H

DESIGN	JP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>TRAFFIC ELECTRICAL DESIGN</b>	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER
DRAWN	AE	DATE	04-16		
CHECKED	GP	DATE	04-16		
TRANSPORTATION		AECOM		LIGHTING AND FMS PLANS PLAN SHEET Sta 1528+00 to Sta 1542+00	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE	DWG NO. T-2.18	
TRACS NO. H8297 01L				OF	

NO.1. DESCRIPTION OF REVISION DATE MADE BY NO.2. DESCRIPTION OF REVISION DATE MADE BY

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



#	FMS CONSTRUCTION NOTES
2	Install New No. 9 Pull Box
3	Install 3-3" Conduits

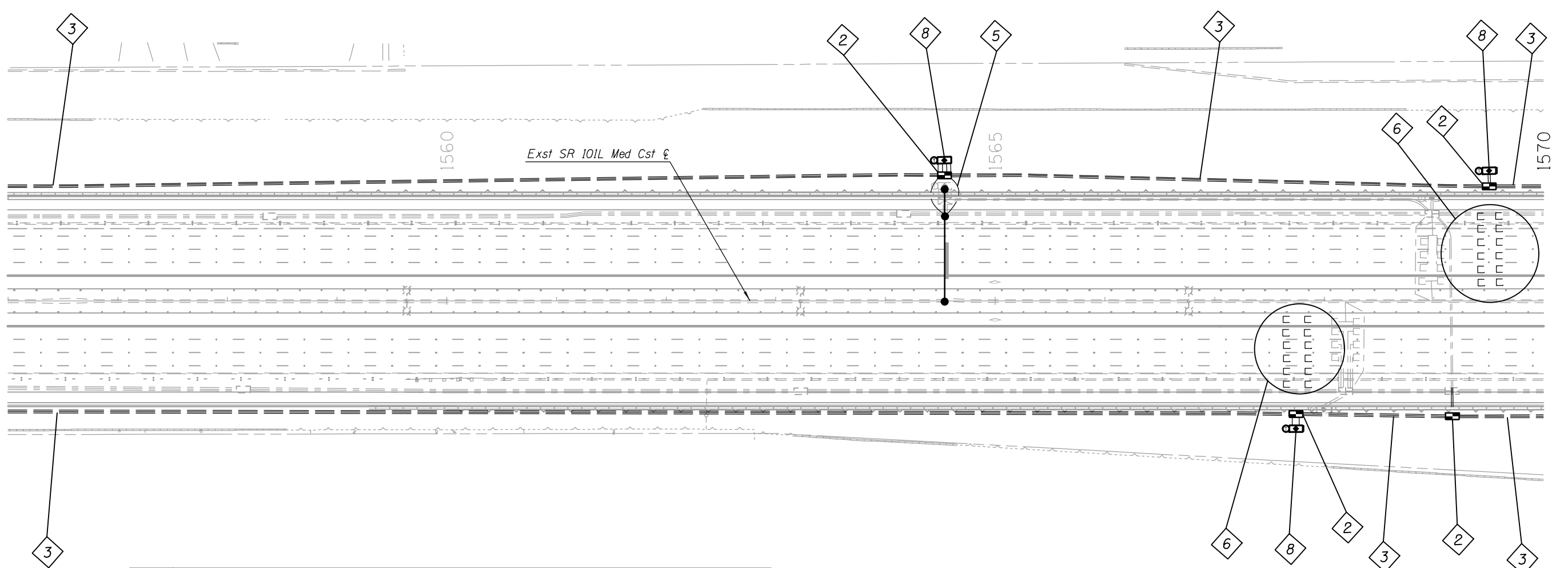
### APPENDIX H

DESIGN	JP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>TRAFFIC ELECTRICAL DESIGN</b>	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER
DRAWN	AE	DATE	04-16		
CHECKED	GP	DATE	04-16		
TRANSPORTATION		AECOM		LIGHTING AND FMS PLANS PLAN SHEET Sta 1542+00 to Sta 1556+00	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE	DWG NO. T-2.19	
TRACS NO. H8297 01L				OF	

NO.1 DESCRIPTION OF REVISION DATE MADE BY NO.2 DESCRIPTION OF REVISION DATE MADE BY

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



#	FMS CONSTRUCTION NOTES
2	Install New No. 9 Pull Box
3	Install 3-3" Conduits
5	Install 1-3" Conduit
6	Install Twelve 6' x 6' Detector Loops
8	Relocate Controller Cabinet

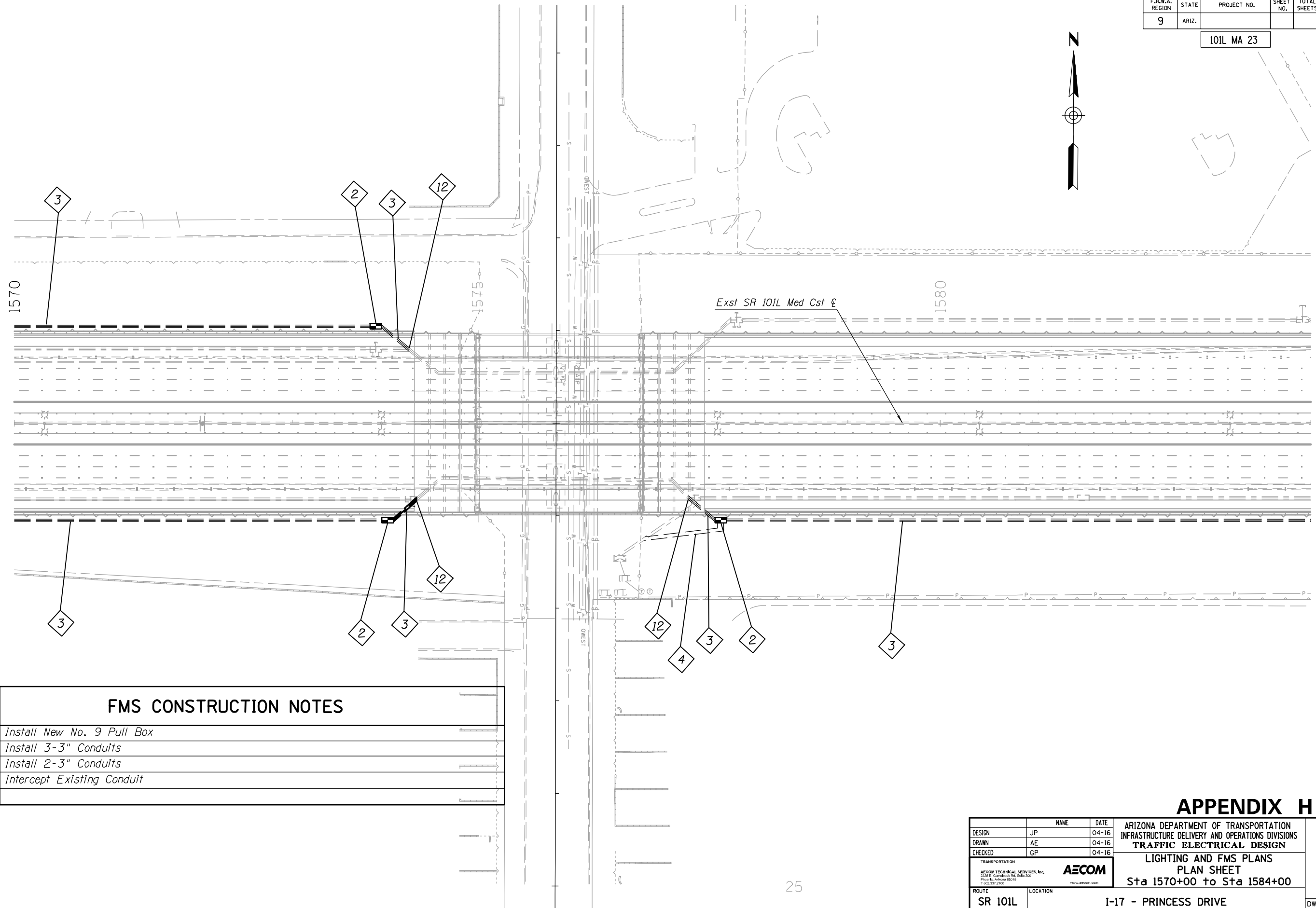
### APPENDIX H

DESIGN	NAME	DATE	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>TRAFFIC ELECTRICAL DESIGN</b>	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER
DRAWN	JP	04-16		
CHECKED	AE	04-16		
TRANSPORTATION			LIGHTING AND FMS PLANS PLAN SHEET Sta 1556+00 to Sta 1570+00	DWG NO. T-2,20
AECOM TECHNICAL SERVICES, Inc. 2550 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 www.aecom.com				
ROUTE	LOCATION	I-17 - PRINCESS DRIVE		
SR 101L		TRACS NO. H8297 01L		OF

NO.1. DESCRIPTION OF REVISION DATE MADE BY NO.2. DESCRIPTION OF REVISION DATE MADE BY

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



#	FMS CONSTRUCTION NOTES
2	Install New No. 9 Pull Box
3	Install 3-3" Conduits
4	Install 2-3" Conduits
12	Intercept Existing Conduit

NO.1. DESCRIPTION OF REVISION DATE MADE BY NO.2. DESCRIPTION OF REVISION DATE MADE BY

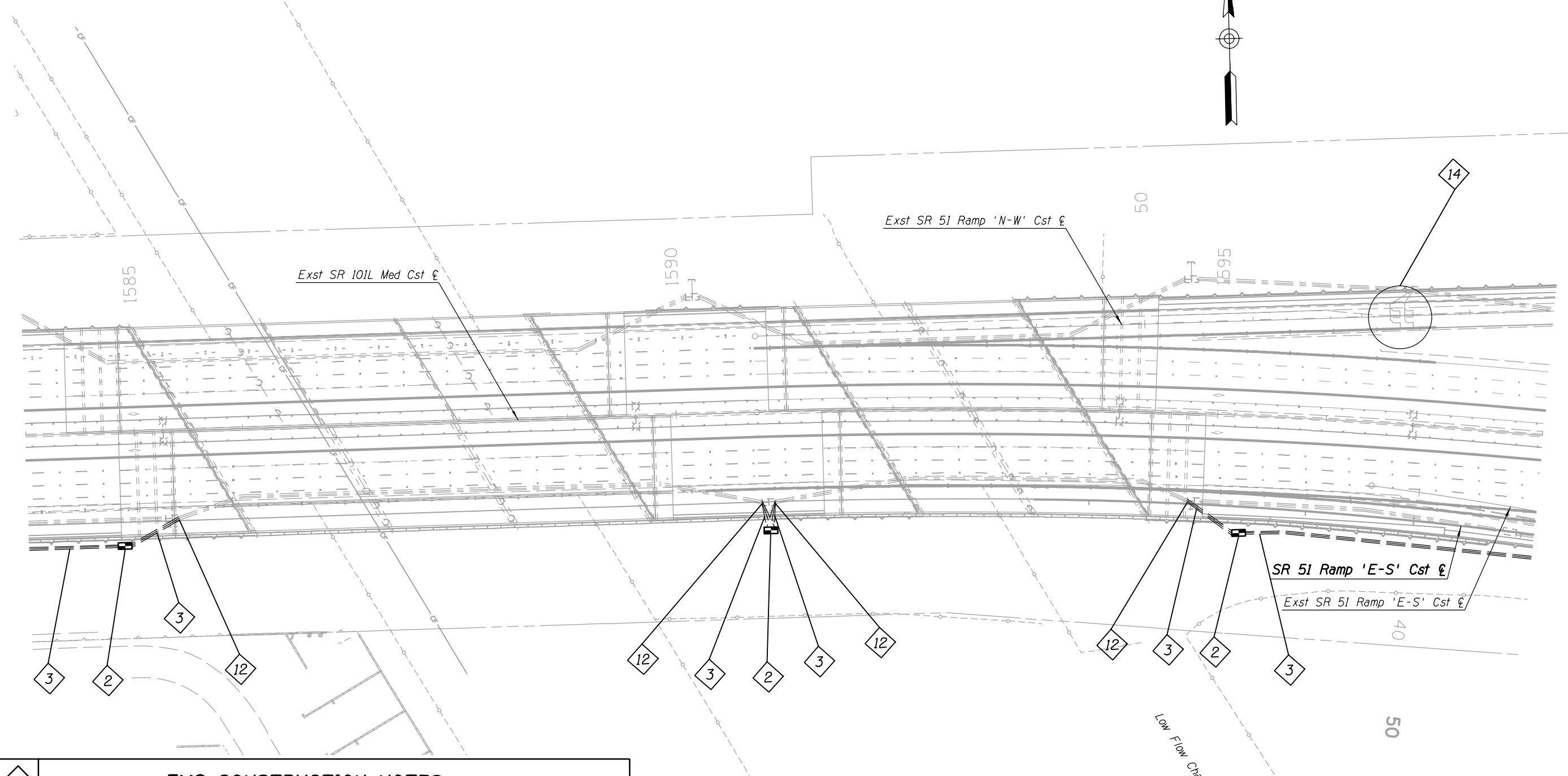
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### APPENDIX H

DESIGN	JP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>TRAFFIC ELECTRICAL DESIGN</b>	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER
DRAWN	AE	DATE	04-16		
CHECKED	GP	DATE	04-16		
TRANSPORTATION		AECOM		LIGHTING AND FMS PLANS PLAN SHEET Sta 1570+00 to Sta 1584+00	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE	DWG NO. T-2.21	
TRACS NO. H8297 01L				OF	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



#	FMS CONSTRUCTION NOTES
2	Install New No. 9 Pull Box
3	Install 3-3" Conduits
12	Intercept Existing Conduit
14	Install Four 6' x 6' Detector Loop

CAP Canal

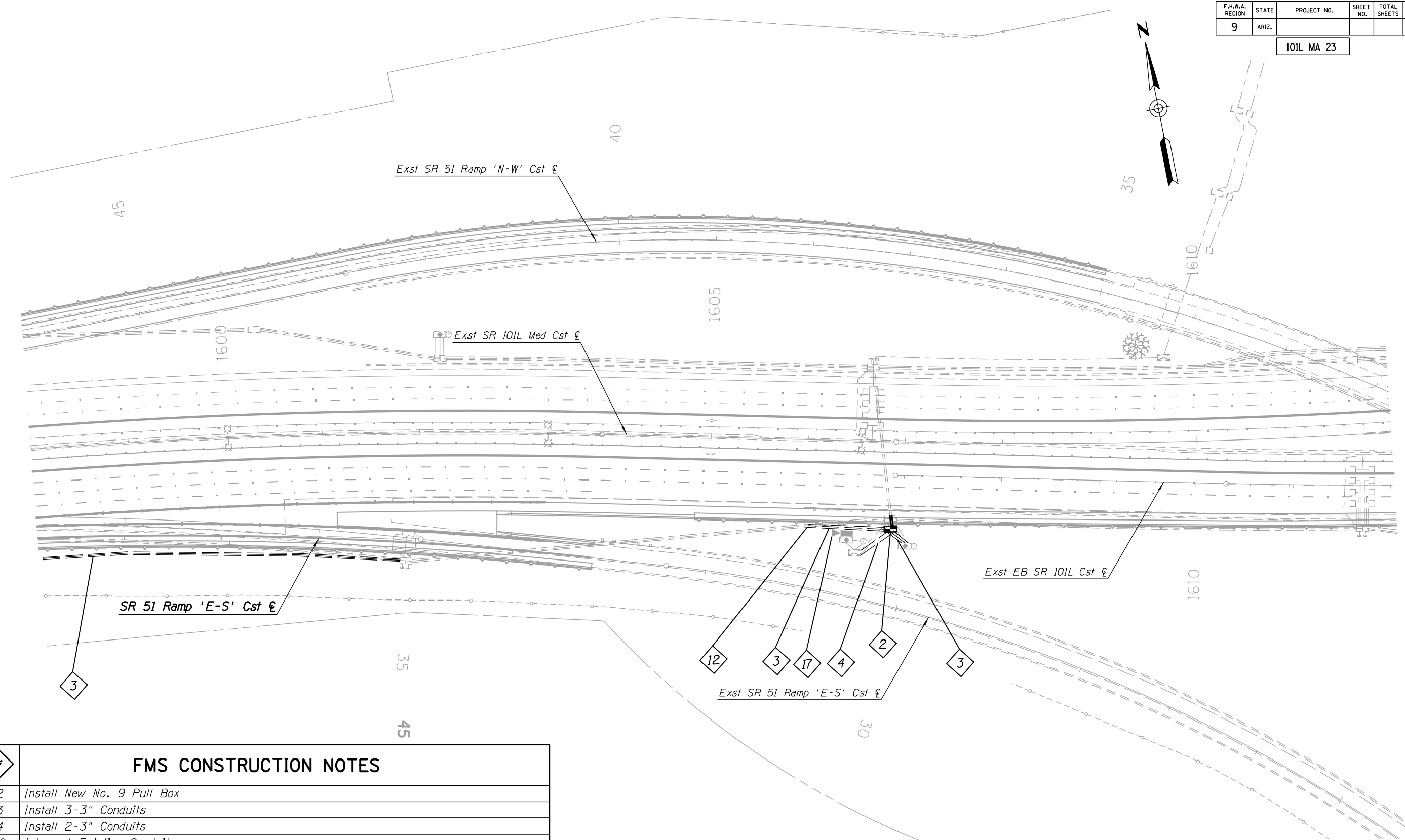
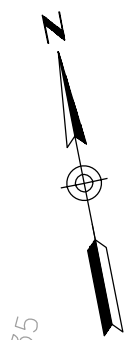
### APPENDIX H

DESIGN	JP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>TRAFFIC ELECTRICAL DESIGN</b>	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER
DRAWN	AE	DATE	04-16		
CHECKED	GP	DATE	04-16		
TRANSPORTATION		AECOM		LIGHTING AND FMS PLANS PLAN SHEET Sta 1584+00 to Sta 1598+00	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE	DWG NO. T-2,22	
TRACS NO. H8297 01L				OF	

NO.1. DESCRIPTION OF REVISION DATE MADE BY NO.2. DESCRIPTION OF REVISION DATE MADE BY

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



#	FMS CONSTRUCTION NOTES
2	Install New No. 9 Pull Box
3	Install 3-3" Conduits
4	Install 2-3" Conduits
12	Intercept Existing Conduit
17	Existing CCTV Camera, Install Lowering Device

### APPENDIX H

DESIGN	JP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>TRAFFIC ELECTRICAL DESIGN</b> <b>DCR</b> NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER
DRAWN	AE	DATE	04-16	
CHECKED	GP	DATE	04-16	
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2325 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 <b>AECOM</b> www.aecom.com				<b>LIGHTING AND FMS PLANS          PLAN SHEET</b> <b>Sta 1598+00 to Sta 1612+00</b> <b>OF</b>
ROUTE	LOCATION	I-17 - PRINCESS DRIVE		
SR 101L		DWG NO. T-2,23		
TRACS NO. H8297 01L				

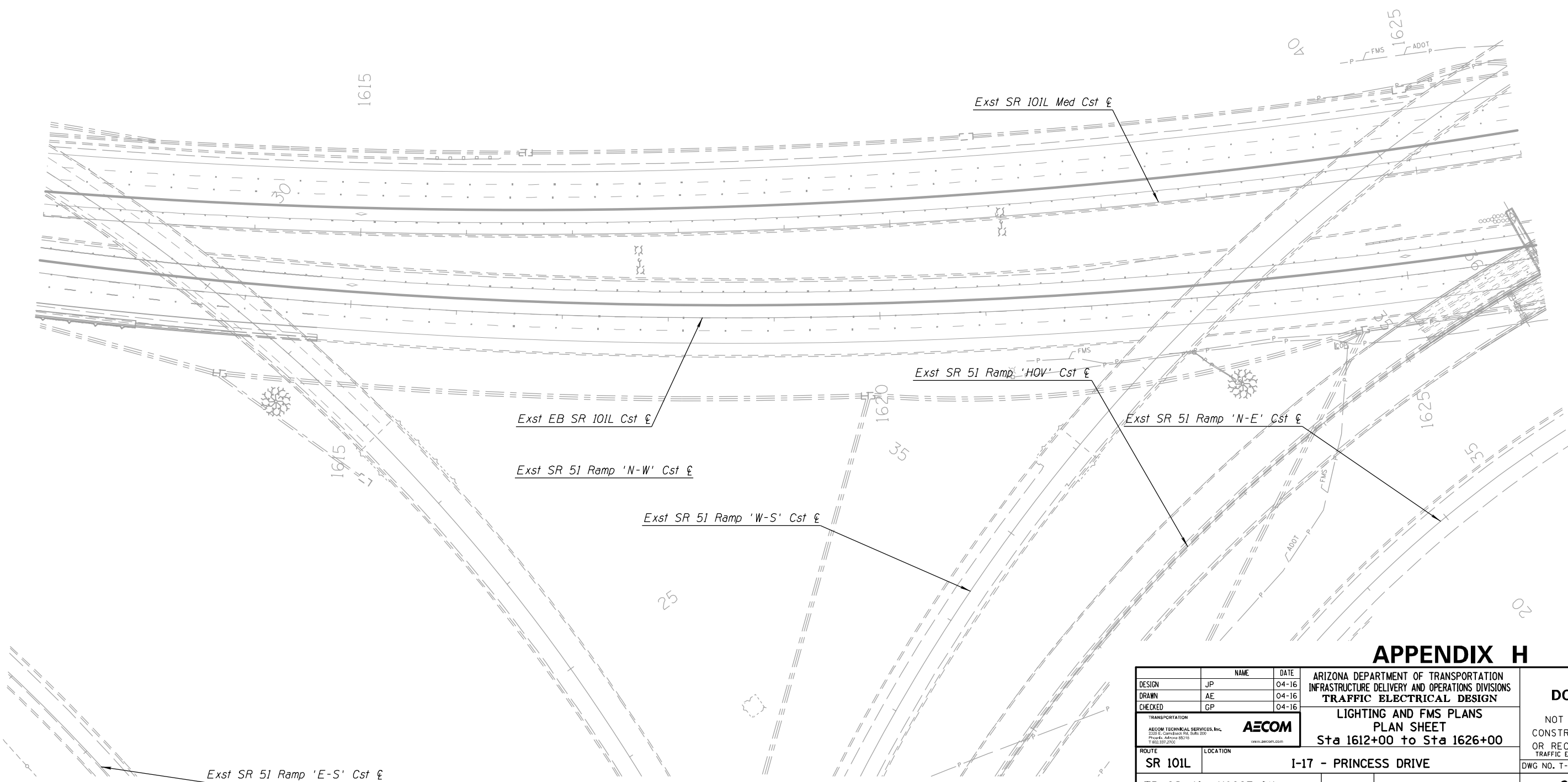
MADE BY: DATE: NO.1 DESCRIPTION OF REVISION: NO.2 DESCRIPTION OF REVISION:

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



NO.1. DESCRIPTION OF REVISION DATE MADE BY NO.2. DESCRIPTION OF REVISION DATE MADE BY



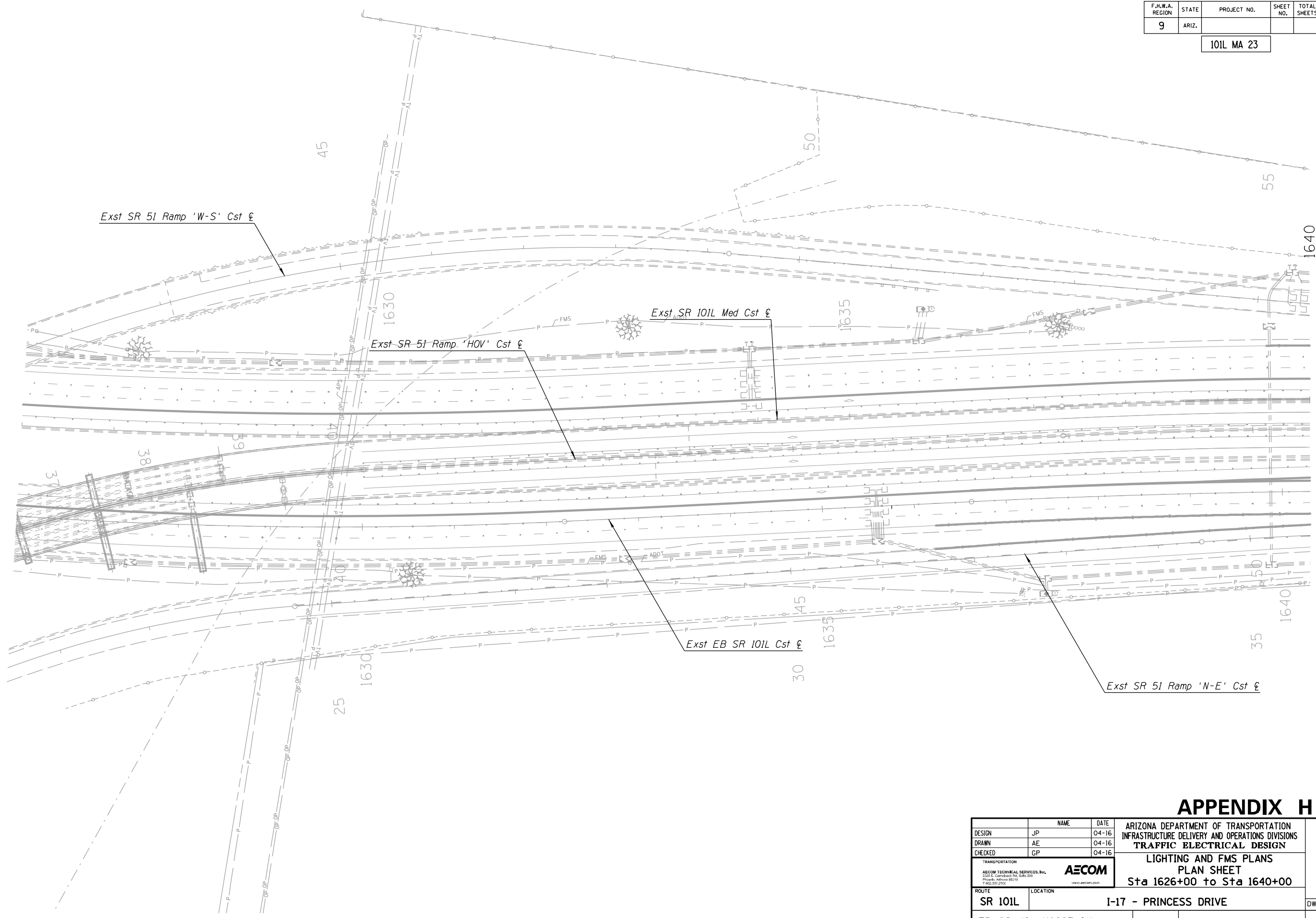
### APPENDIX H

DESIGN	JP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>TRAFFIC ELECTRICAL DESIGN</b>	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER
DRAWN	AE	DATE	04-16		
CHECKED	GP	DATE	04-16		
TRANSPORTATION		AECOM		LIGHTING AND FMS PLANS PLAN SHEET Sta 1612+00 to Sta 1626+00	
ROUTE	LOCATION	I-17 - PRINCESS DRIVE		DWG NO. T-2,24	
SR 101L		TRACS NO. H8297 01L		OF	



F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



Exst SR 51 Ramp 'W-S' Cst €

Exst SR 51 Ramp 'HOV' Cst €

Exst SR 101L Med Cst €

Exst EB SR 101L Cst €

Exst SR 51 Ramp 'N-E' Cst €

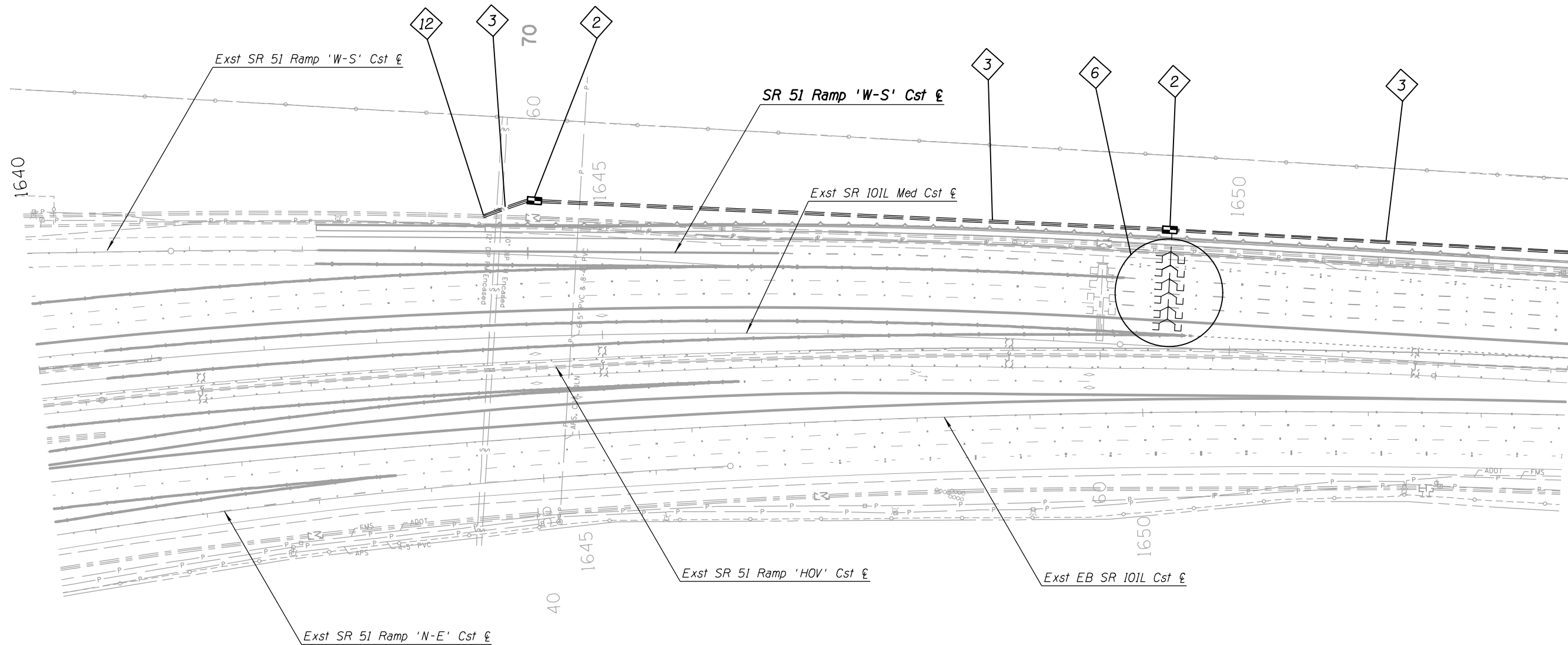
NO.1	DESCRIPTION OF REVISION	DATE	MADE BY
NO.2	DESCRIPTION OF REVISION	DATE	MADE BY

### APPENDIX H

DESIGN	JP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>TRAFFIC ELECTRICAL DESIGN</b>	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER
DRAWN	AE	DATE	04-16		
CHECKED	GP	DATE	04-16		
TRANSPORTATION		AECOM		LIGHTING AND FMS PLANS PLAN SHEET Sta 1626+00 to Sta 1640+00	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		DWG NO. T-2,25
TRACS NO. H8297 01L					OF

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



#	FMS CONSTRUCTION NOTES
2	Install New No. 9 Pull Box
3	Install 3-3" Conduits
6	Install Twelve 6' x 6' Detector Loops
12	Intercept Existing Conduit

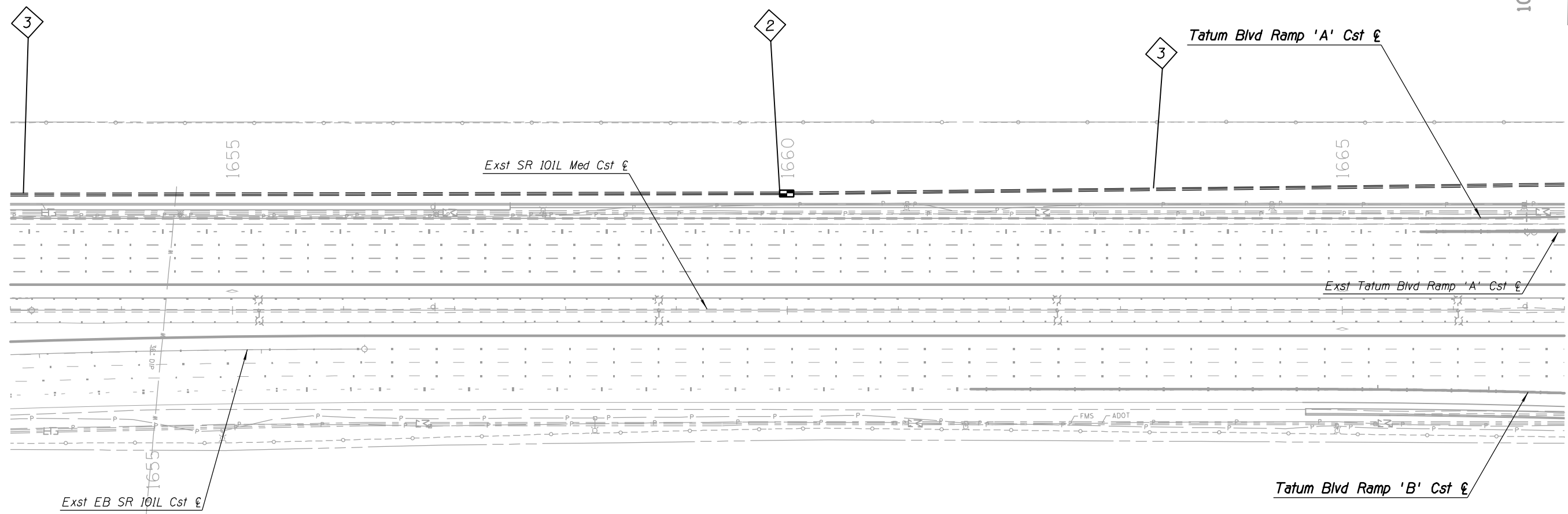
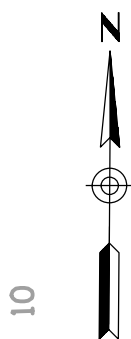
### APPENDIX H

DESIGN	JP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>TRAFFIC ELECTRICAL DESIGN</b>	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER
DRAWN	AE	DATE	04-16		
CHECKED	GP	DATE	04-16		
TRANSPORTATION		AECOM		LIGHTING AND FMS PLANS PLAN SHEET Sta 1640+00 to Sta 1653+00	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE	DWG NO. T-2,26	
TRACS NO. H8297 01L				OF	

NO.1 DESCRIPTION OF REVISION DATE MADE BY NO.2 DESCRIPTION OF REVISION DATE MADE BY

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



#	FMS CONSTRUCTION NOTES
2	Install New No. 9 Pull Box
3	Install 3-3" Conduits

### APPENDIX H

DESIGN	JP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>TRAFFIC ELECTRICAL DESIGN</b>	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER
DRAWN	AE	DATE	04-16		
CHECKED	GP	DATE	04-16		
TRANSPORTATION		AECOM		LIGHTING AND FMS PLANS PLAN SHEET Sta 1653+00 to Sta 1667+00	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE	DWG NO. T-2,27	
TRACS NO. H8297 01L				OF	

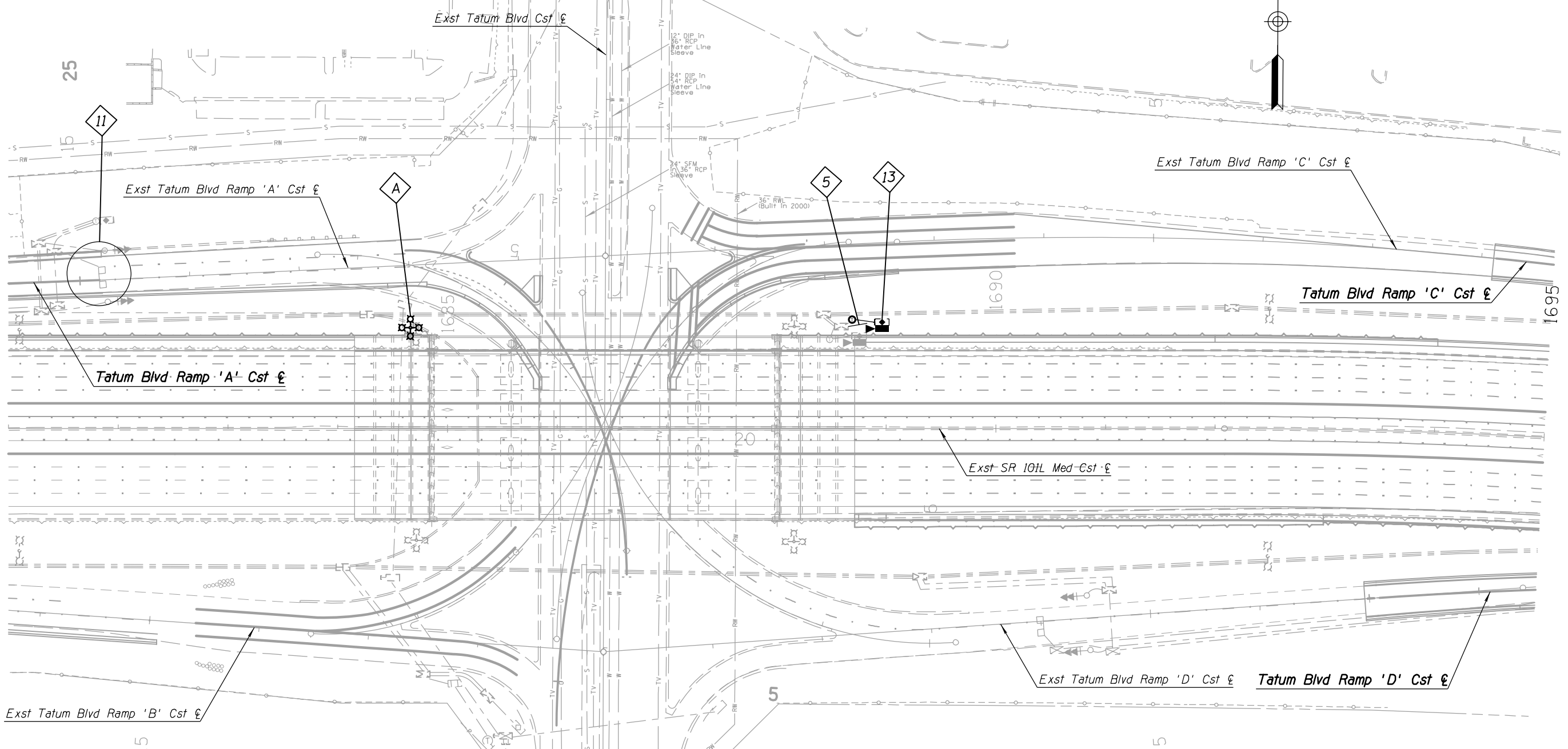
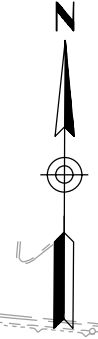
NO.1 DESCRIPTION OF REVISION DATE MADE BY NO.2 DESCRIPTION OF REVISION DATE MADE BY



#	<b>LIGHTING CONSTRUCTION NOTES</b>
A	Relocate Existing High Mast Light Pole and Fixtures on New Foundation

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



#	<b>FMS CONSTRUCTION NOTES</b>
5	Install 1-3" Conduit
11	Relocate Flashers
13	Relocate CCTV Camera and Pole, Install Lowering Device

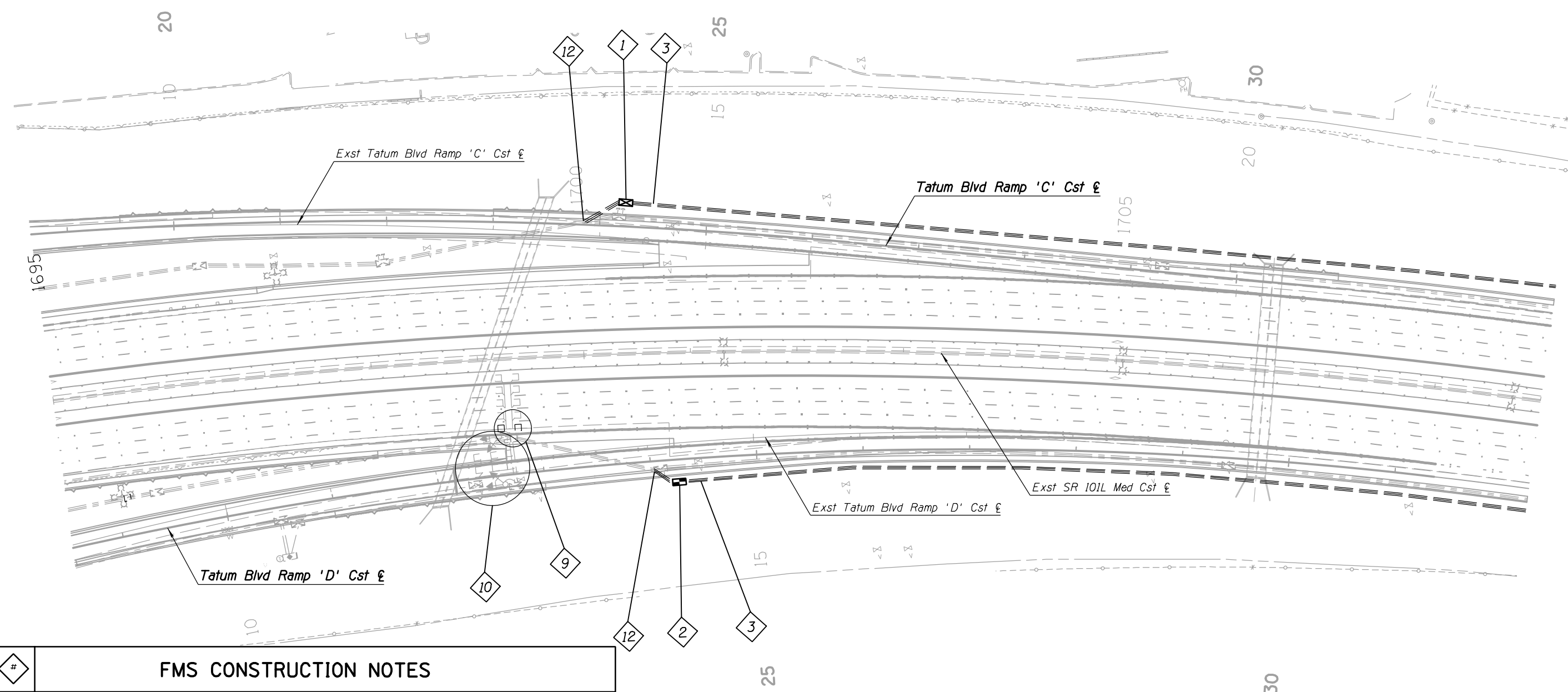
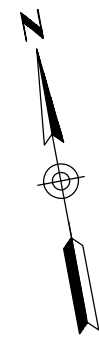
**APPENDIX H**

DESIGN	NAME	DATE	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>TRAFFIC ELECTRICAL DESIGN</b>	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER
DRAWN	JP	04-16		
CHECKED	AE	04-16		
CHECKED	GP	04-16	LIGHTING AND FMS PLANS PLAN SHEET Sta 1681+00 Sta 1695+00	DWG NO. T-2,29
TRANSPORTATION				
AECOM TECHNICAL SERVICES, Inc. 2525 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700			<b>AECOM</b> www.aecom.com	
ROUTE	LOCATION	I-17 - PRINCESS DRIVE		
SR 101L		TRACS NO. H8297 01L		
OF				

NO.1 DESCRIPTION OF REVISION DATE MADE BY NO.2 DESCRIPTION OF REVISION DATE MADE BY

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



#	FMS CONSTRUCTION NOTES
2	Install New No. 9 Pull Box
3	Install 3-3" Conduits
9	Install Two 6' x 6' Detector Loops
10	Relocate Ramp Meters
12	Intercept Existing Conduit

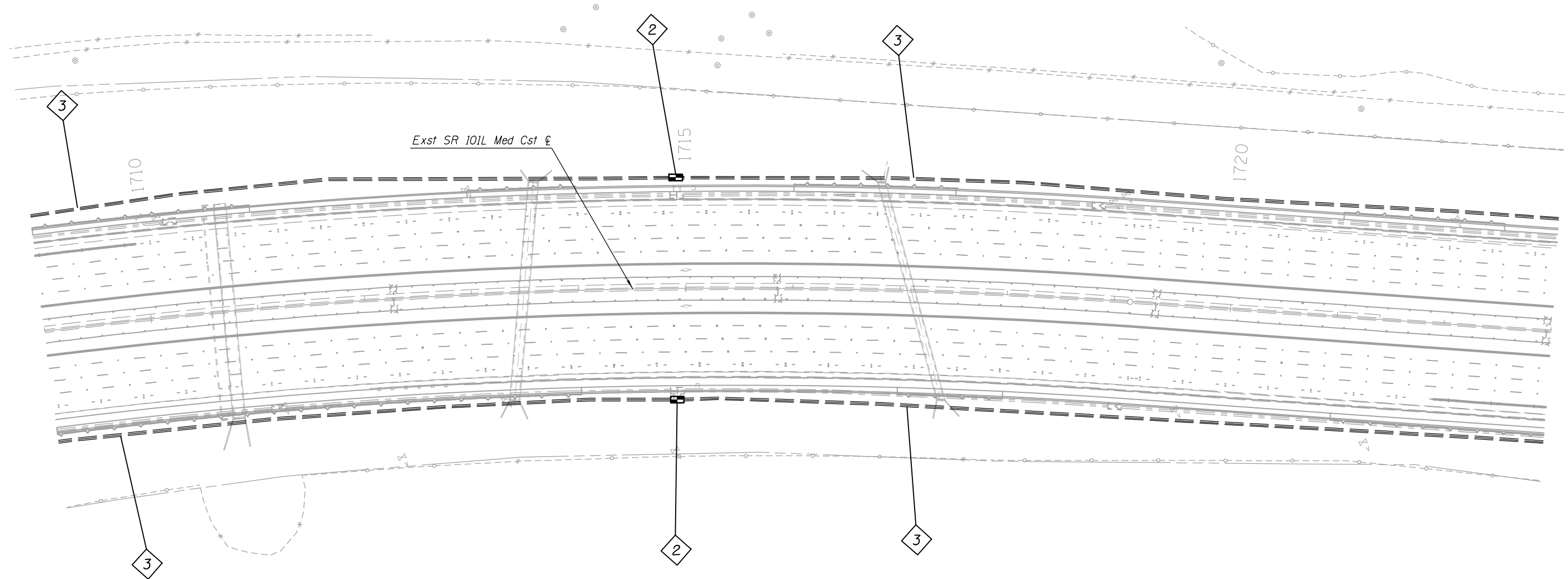
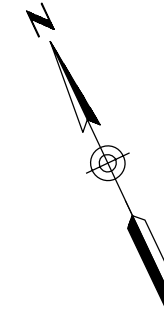
### APPENDIX H

DESIGN	JP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>TRAFFIC ELECTRICAL DESIGN</b>	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER
DRAWN	AE	DATE	04-16		
CHECKED	GP	DATE	04-16		
TRANSPORTATION		<b>AECOM</b>		LIGHTING AND FMS PLANS PLAN SHEET Sta 1695+00 to 1709+00	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE	DWG NO. T-2.30	
TRACS NO. H8297 01L				OF	

NO.1 DESCRIPTION OF REVISION DATE MADE BY NO.2 DESCRIPTION OF REVISION DATE MADE BY

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



#	FMS CONSTRUCTION NOTES
2	Install New No. 9 Pull Box
3	Install 3-3" Conduits

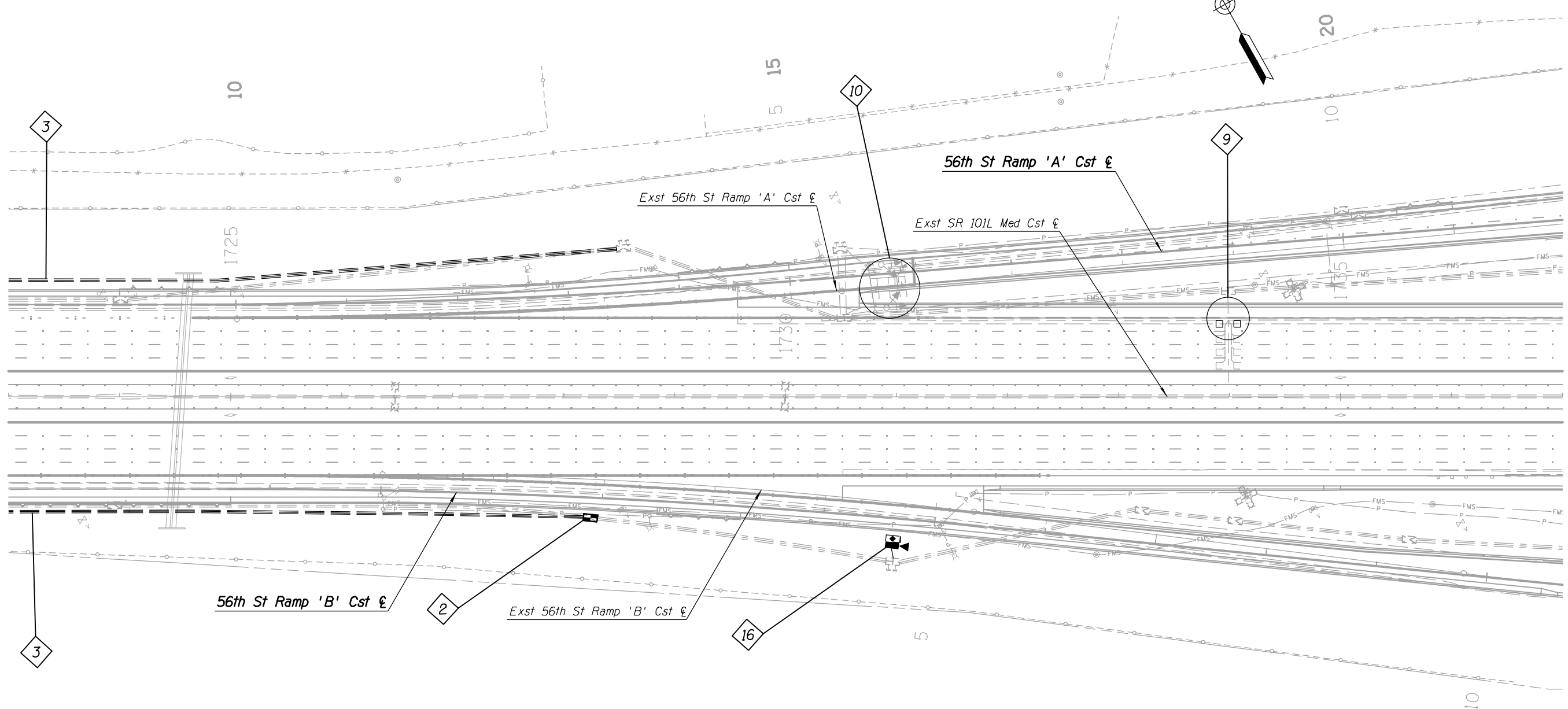
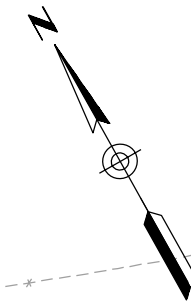
### APPENDIX H

DESIGN	JP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>TRAFFIC ELECTRICAL DESIGN</b>	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER
DRAWN	AE	DATE	04-16		
CHECKED	GP	DATE	04-16		
TRANSPORTATION		AECOM		LIGHTING AND FMS PLANS PLAN SHEET Sta 1709+00 to Sta 1723+00	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE	DWG NO. T-2.31	
TRACS NO. H8297 01L				OF	

NO.1 DESCRIPTION OF REVISION DATE MADE BY NO.2 DESCRIPTION OF REVISION DATE MADE BY

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



NO.1. DESCRIPTION OF REVISION DATE MADE BY NO.2. DESCRIPTION OF REVISION DATE MADE BY

#	FMS CONSTRUCTION NOTES
2	Install New No. 9 Pull Box
3	Install 3-3" Conduits
9	Install Two 6' x 6' Detector Loops
10	Relocate Ramp Meters
16	Install CCTV Camera, Pole, Lowering Device, and Cabinet

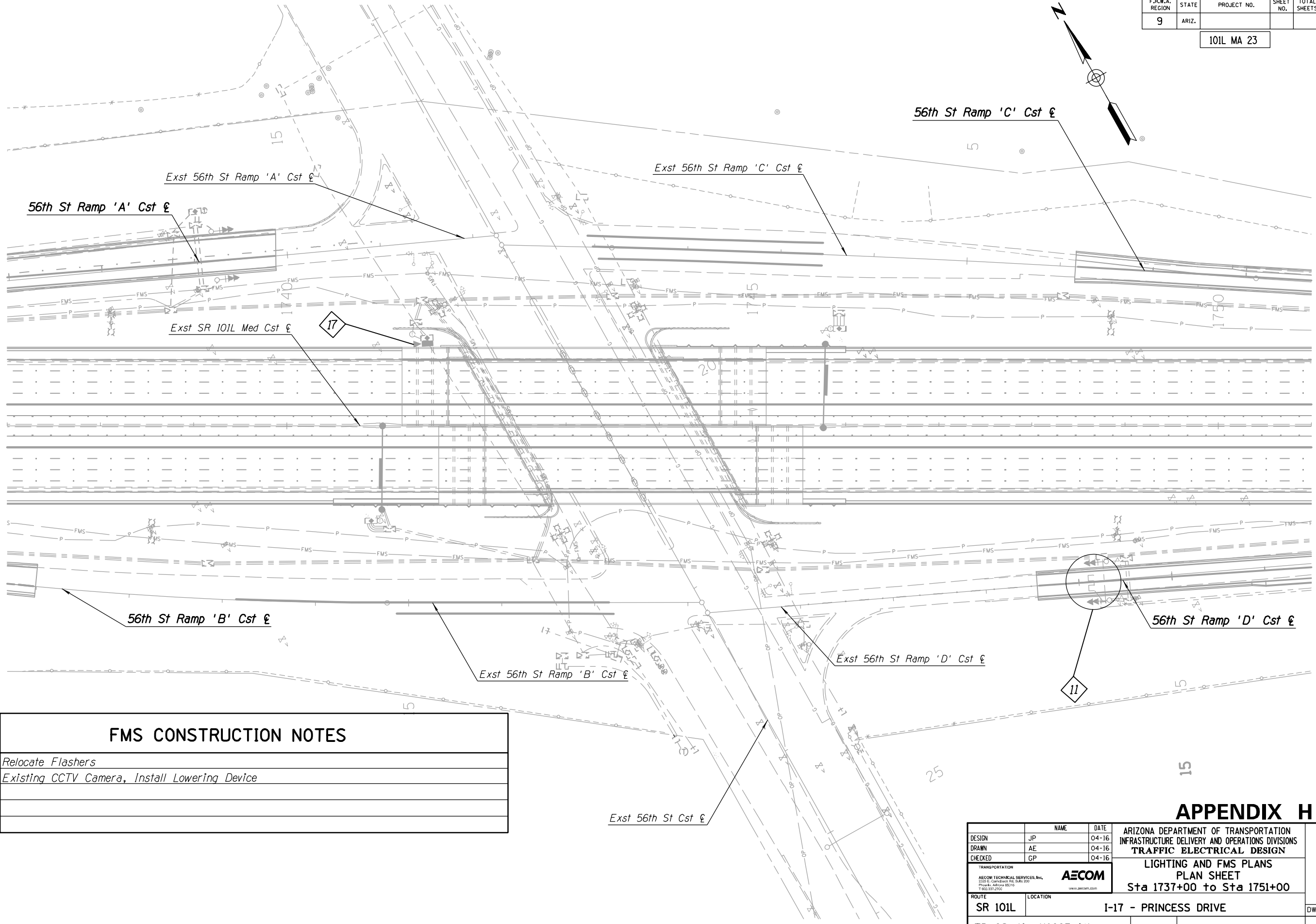
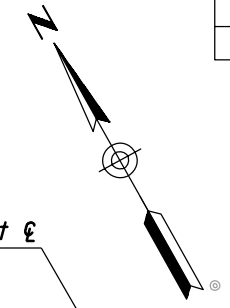
### APPENDIX H

DESIGN	JP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>TRAFFIC ELECTRICAL DESIGN</b> <b>DCR</b> NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER
DRAWN	AE	DATE	04-16	
CHECKED	GP	DATE	04-16	
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2355 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700 <b>AECOM</b>				<b>LIGHTING AND FMS PLANS</b> <b>PLAN SHEET</b> <b>Sta 1723+00 to Sta 1737+00</b>
ROUTE	LOCATION	I-17 - PRINCESS DRIVE		
SR 101L				
TRACS NO. H8297 01L				DWG NO. T-2.32
				OF



F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



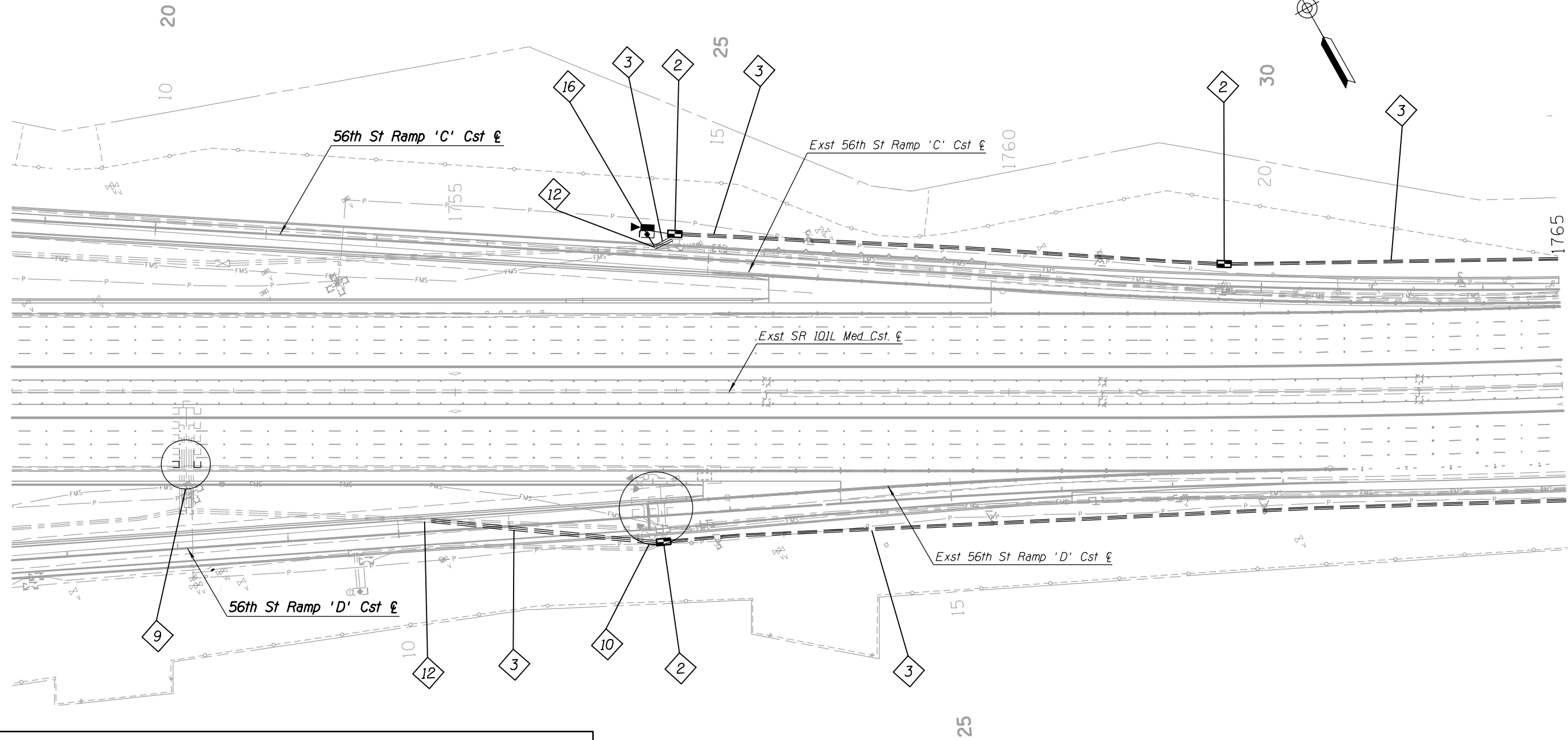
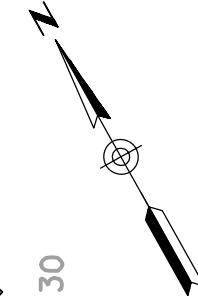
#	FMS CONSTRUCTION NOTES
11	Relocate Flashers
17	Existing CCTV Camera, Install Lowering Device

DESIGN		NAME	DATE	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>TRAFFIC ELECTRICAL DESIGN</b> LIGHTING AND FMS PLANS PLAN SHEET Sta 1737+00 to Sta 1751+00	<b>DCR</b> NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER
DRAWN		AE	04-16		
CHECKED		GP	04-16		
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2325 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700		<b>AECOM</b> www.aecom.com		<b>APPENDIX H</b>	
ROUTE	LOCATION	I-17 - PRINCESS DRIVE			DWG NO. T-2.33
SR 101L		TRACS NO. H8297 01L			OF

NO.1. DESCRIPTION OF REVISION    DATE    MADE BY    NO.2. DESCRIPTION OF REVISION    DATE    MADE BY

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

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#	FMS CONSTRUCTION NOTES
2	Install New No. 9 Pull Box
3	Install 3-3" Conduits
9	Install Two 6' x 6' Detector Loops
10	Relocate Ramp Meters
12	Intercept Existing Conduit
16	Install CCTV Camera, Pole, Lowering Device, and Cabinet

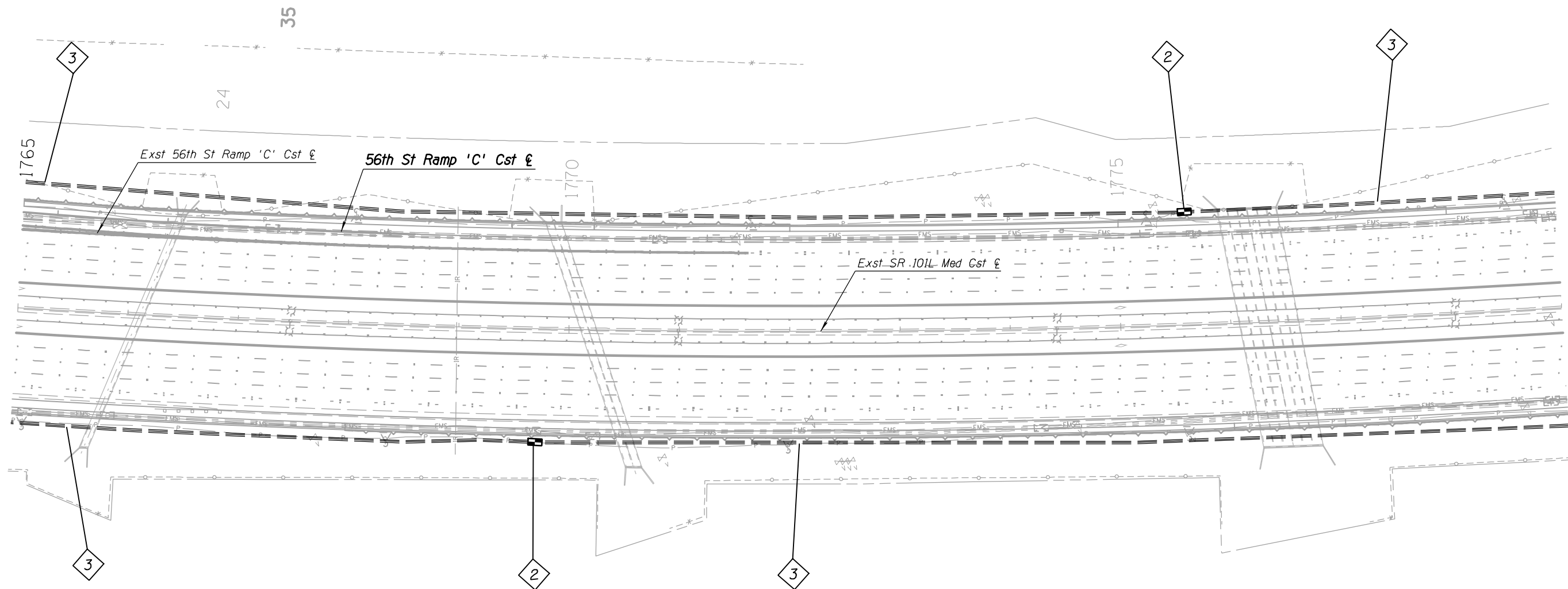
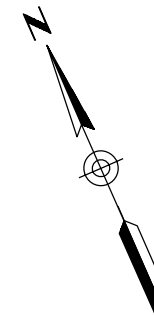
### APPENDIX H

DESIGN	JP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>TRAFFIC ELECTRICAL DESIGN</b>	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER
DRAWN	AE	DATE	04-16		
CHECKED	GP	DATE	04-16		
TRANSPORTATION				LIGHTING AND FMS PLANS PLAN SHEET Sta 1751+00 to Sta 1765+00	
AECOM TECHNICAL SERVICES, Inc. 2355 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 www.aecom.com					
ROUTE	LOCATION	I-17 - PRINCESS DRIVE		DWG NO. T-2,34	
SR 101L		TRACS NO. H8297 01L		OF	

NO.1. DESCRIPTION OF REVISION DATE MADE BY NO.2. DESCRIPTION OF REVISION DATE MADE BY

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



#	FMS CONSTRUCTION NOTES
2	Install New No. 9 Pull Box
3	Install 3-3" Conduits

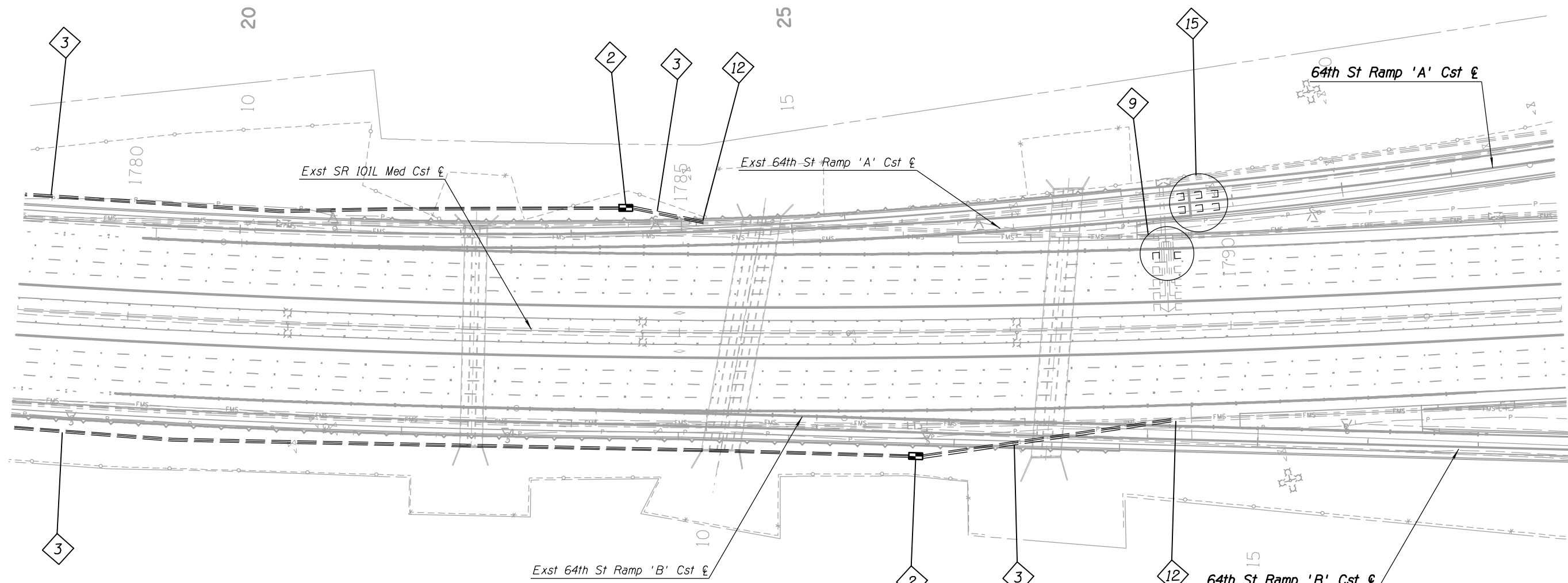
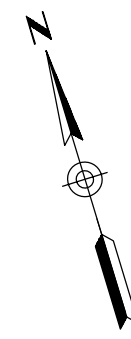
### APPENDIX H

DESIGN	JP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>TRAFFIC ELECTRICAL DESIGN</b>	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER
DRAWN	AE	DATE	04-16		
CHECKED	GP	DATE	04-16		
TRANSPORTATION		AECOM		LIGHTING AND FMS PLANS PLAN SHEET Sta 1765+00 to Sta 1779+00	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE	DWG NO. T-2,35	
TRACS NO. H8297 01L				OF	

NO.1. DESCRIPTION OF REVISION DATE MADE BY NO.2. DESCRIPTION OF REVISION DATE MADE BY

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



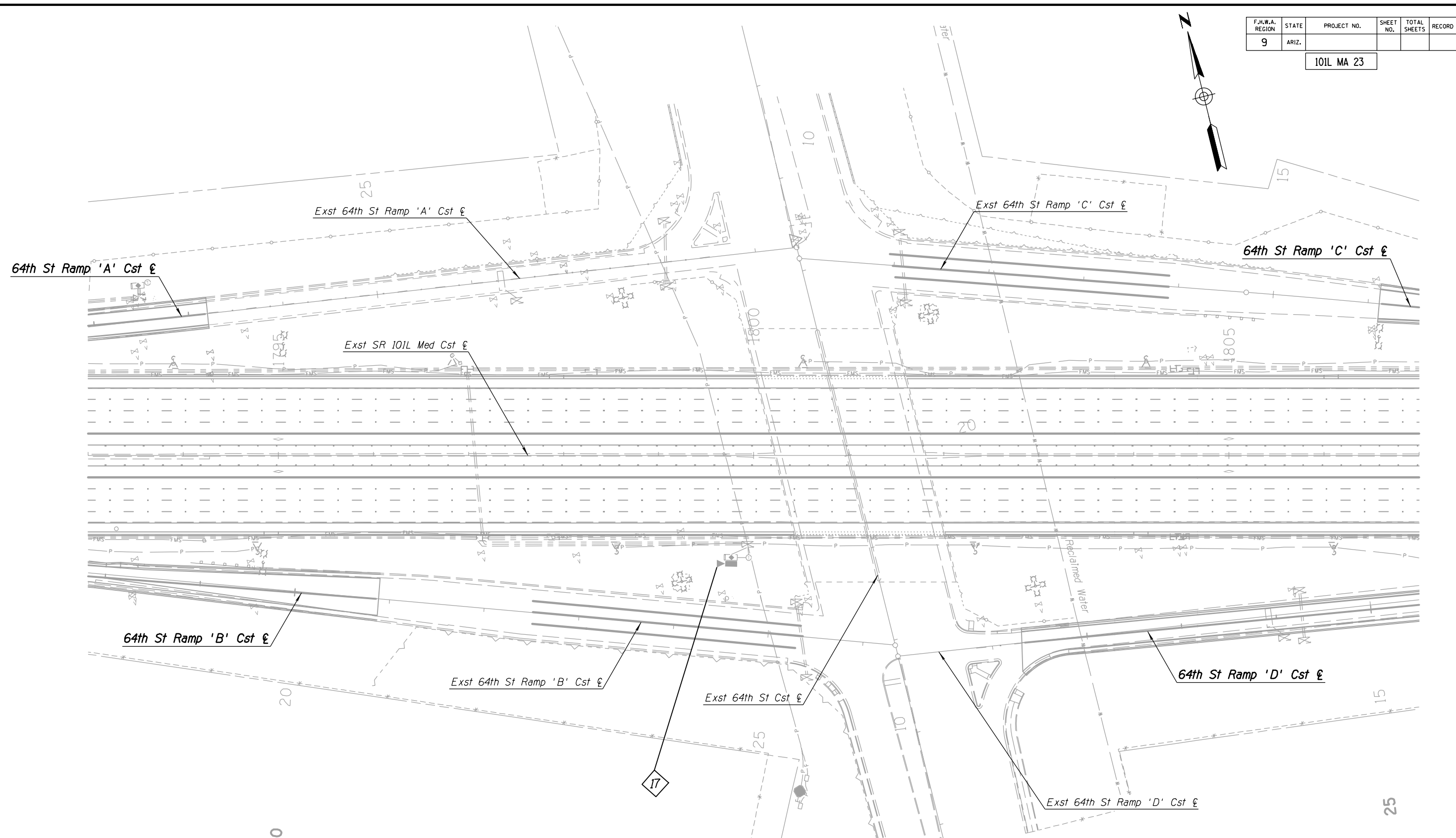
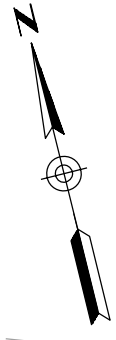
#	FMS CONSTRUCTION NOTES
2	Install New No. 9 Pull Box
3	Install 3-3" Conduits
9	Install Two 6' x 6' Detector Loops
12	Intercept Existing Conduit
15	Install Six 6' x 6' Detector Loops

DESIGN		NAME	DATE	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>TRAFFIC ELECTRICAL DESIGN</b>	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER
DRAWN		JP	04-16		
CHECKED		AE	04-16		
TRANSPORTATION		GP	04-16	LIGHTING AND FMS PLANS PLAN SHEET Sta 1779+00 to Sta 1793+00	DWG NO. T-2,36
AECOM TECHNICAL SERVICES, Inc. 2550 E. Camelback Rd., Suite 200 Phoenix, Arizona 85016 T 602.337.2700		<b>AECOM</b> www.aecom.com			
ROUTE	LOCATION	I-17 - PRINCESS DRIVE		TRACS NO. H8297 01L	
SR 101L				OF	

NO.1. DESCRIPTION OF REVISION DATE MADE BY NO.2. DESCRIPTION OF REVISION DATE MADE BY

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



#	FMS CONSTRUCTION NOTES
17	Existing CCTV Camera, Install Lowering Device

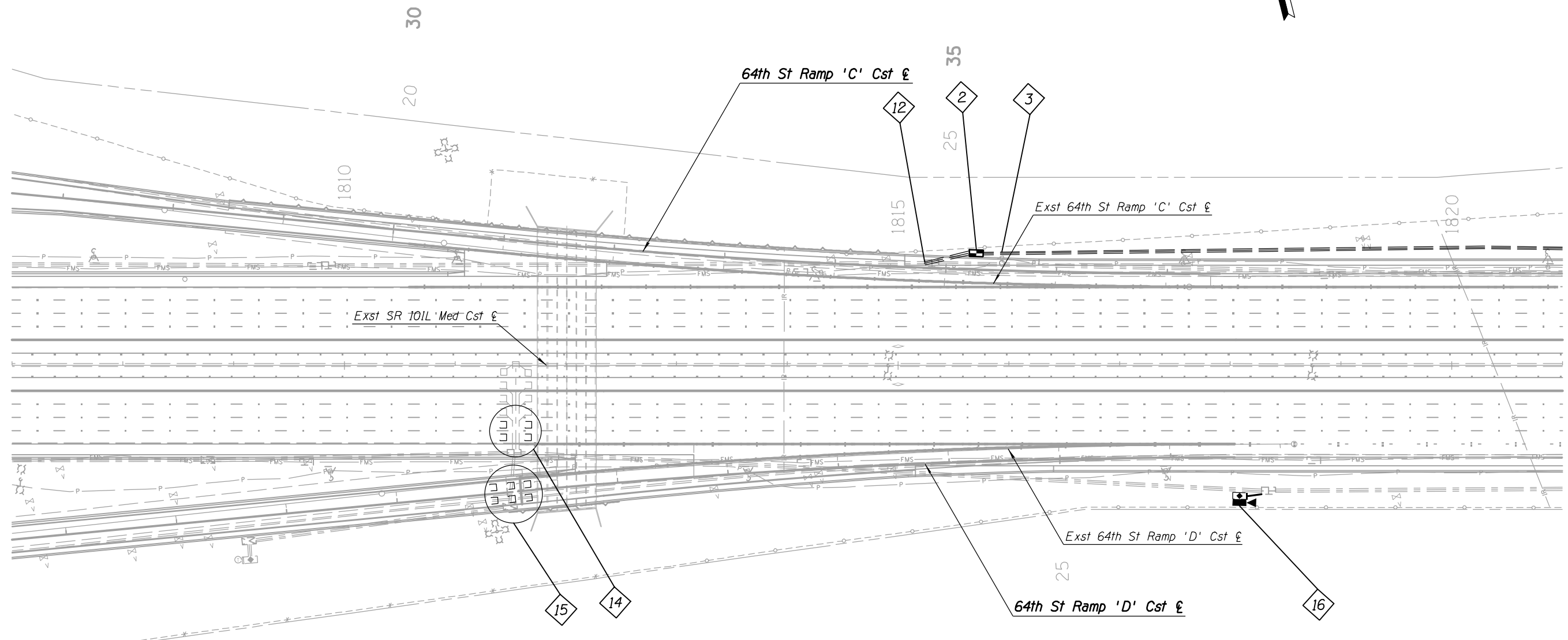
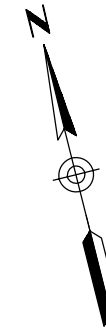
### APPENDIX H

DESIGN	JP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>TRAFFIC ELECTRICAL DESIGN</b>	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER
DRAWN	AE	DATE	04-16		
CHECKED	GP	DATE	04-16		
TRANSPORTATION		<b>AECOM</b>		LIGHTING AND FMS PLANS PLAN SHEET Sta 1793+00 to Sta 1807+00	
ROUTE	LOCATION	I-17 - PRINCESS DRIVE			
SR 101L		DWG NO. T-2,37			
TRACS NO. H8297 01L		OF			

NO.1 DESCRIPTION OF REVISION DATE MADE BY NO.2 DESCRIPTION OF REVISION DATE MADE BY

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



#	FMS CONSTRUCTION NOTES
2	Install New No. 9 Pull Box
3	Install 3-3" Conduits
12	Intercept Existing Conduit
14	Install Four 6' x 6' Detector Loops
15	Install Six 6' x 6' Detector Loops
16	Install CCTV Camera, Pole, Lowering Device, and Cabinet

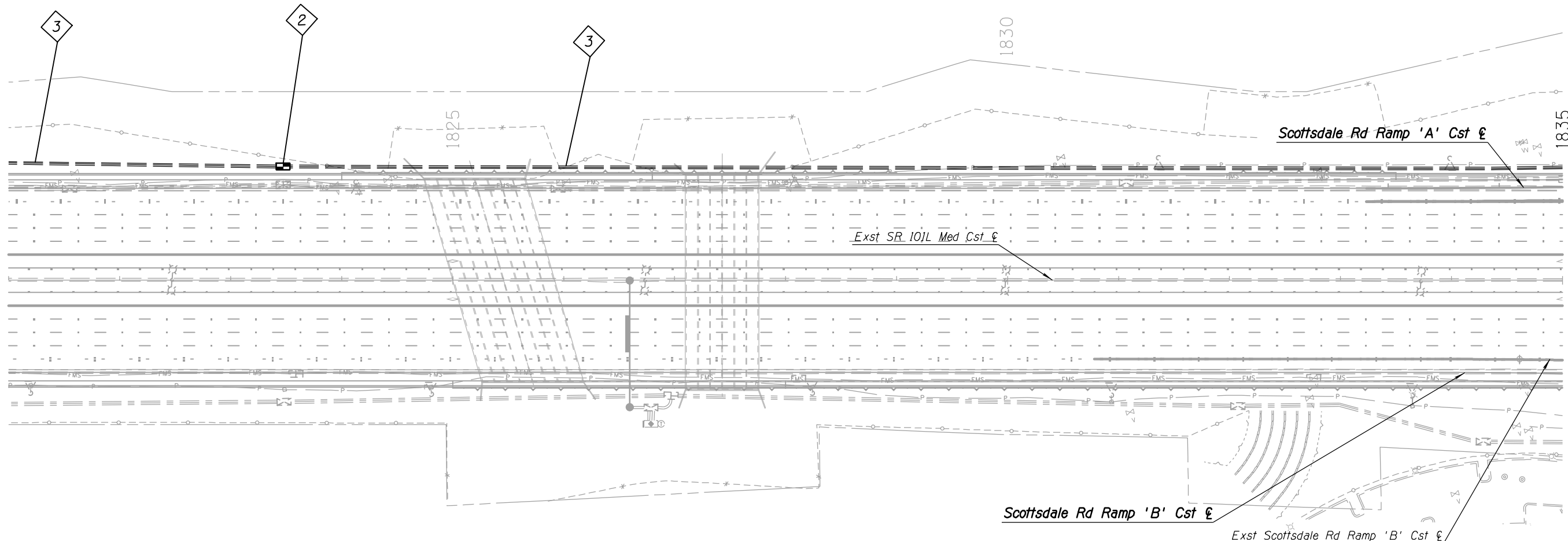
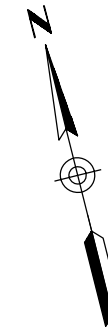
### APPENDIX H

DESIGN	JP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>TRAFFIC ELECTRICAL DESIGN</b>	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER
DRAWN	AE	DATE	04-16		
CHECKED	GP	DATE	04-16		
TRANSPORTATION		AECOM		LIGHTING AND FMS PLANS PLAN SHEET Sta 1807+00 to Sta 1821+00	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L				DWG NO. T-2.38  OF	

NO.1 DESCRIPTION OF REVISION DATE MADE BY NO.2 DESCRIPTION OF REVISION DATE MADE BY

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



#	FMS CONSTRUCTION NOTES
2	Install New No. 9 Pull Box
3	Install 3-3" Conduits

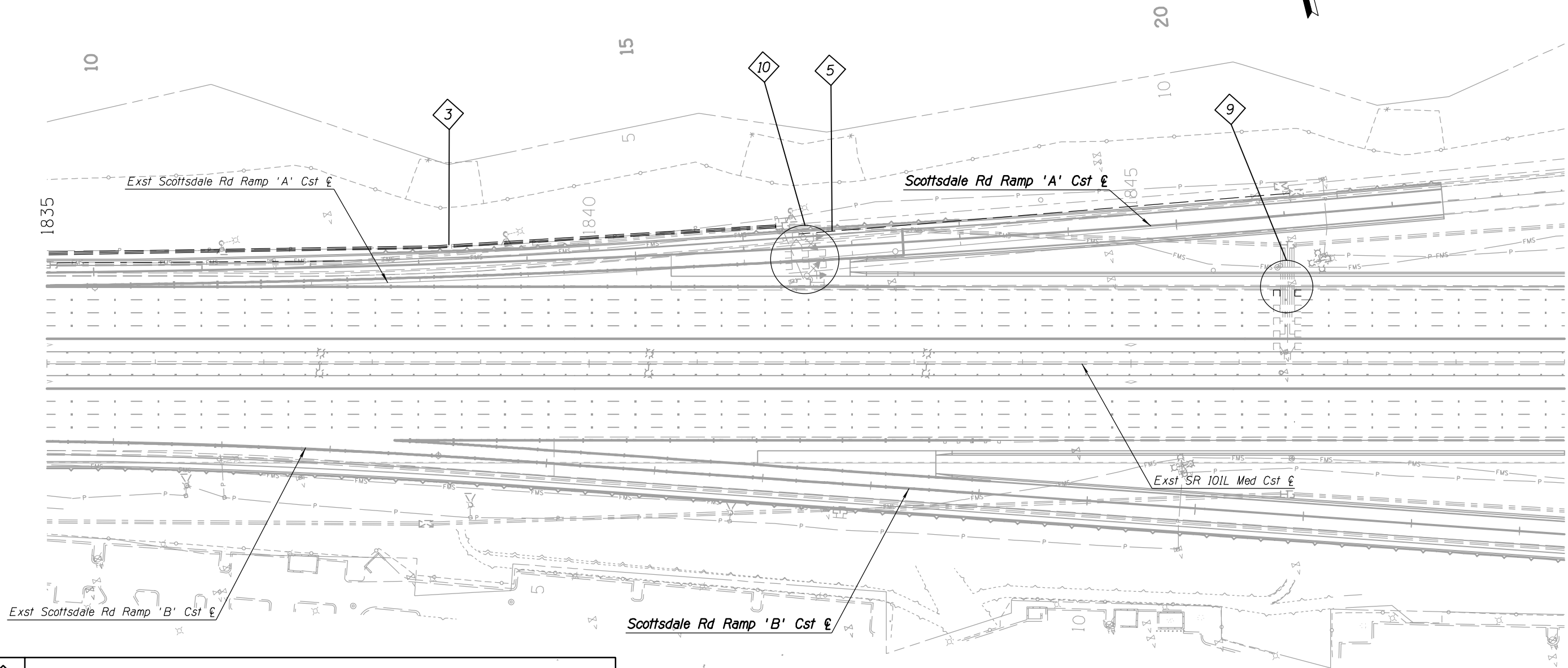
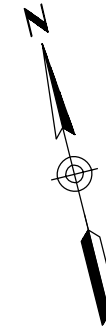
### APPENDIX H

DESIGN	JP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>TRAFFIC ELECTRICAL DESIGN</b> <b>DCR</b> NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER
DRAWN	AE	DATE	04-16	
CHECKED	GP	DATE	04-16	
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2550 E. Camelback Rd, Suite 200 Phoenix, Arizona 85016 T 602.337.2700 www.aecom.com		<b>AECOM</b>		<b>LIGHTING AND FMS PLANS          PLAN SHEET          Sta 1821+00 to Sta 1835+00</b> DWG NO. T-2,39 OF
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE	
TRACS NO. H8297 01L				

NO.1. DESCRIPTION OF REVISION DATE MADE BY NO.2. DESCRIPTION OF REVISION DATE MADE BY

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



#	FMS CONSTRUCTION NOTES
3	Install 3-3" Conduits
5	Install 1-3" Conduit
9	Install Two 6' x 6' Detector Loops
10	Relocate Ramp Meters

### APPENDIX H

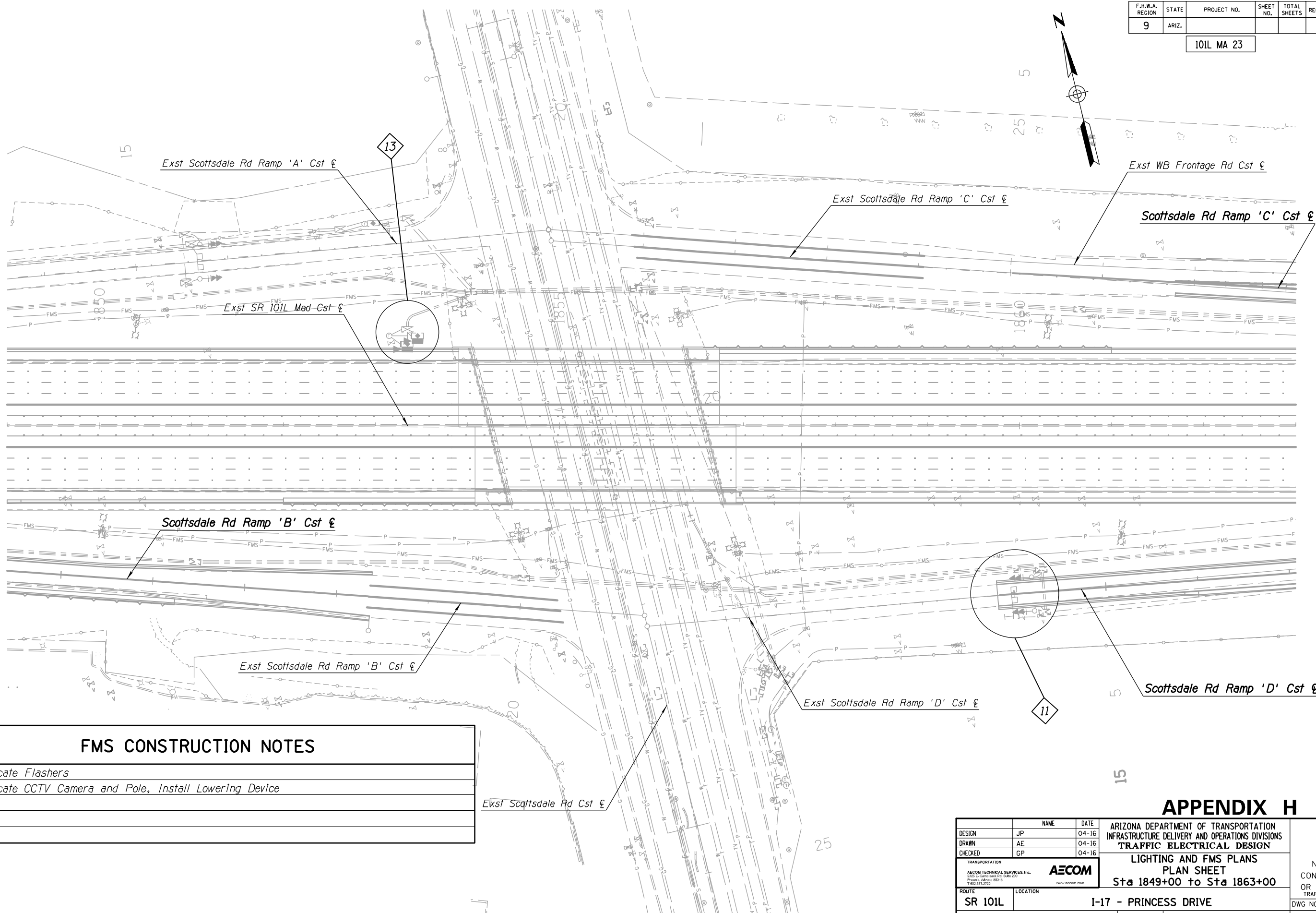
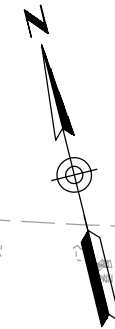
DESIGN	JP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>TRAFFIC ELECTRICAL DESIGN</b>	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER
DRAWN	AE	DATE	04-16		
CHECKED	GP	DATE	04-16		
TRANSPORTATION		AECOM		LIGHTING AND FMS PLANS PLAN SHEET Sta 1835+00 to Sta 1849+00	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE	DWG NO. T-2.40	
TRACS NO. H8297 01L				OF	

NO.1 DESCRIPTION OF REVISION DATE MADE BY NO.2 DESCRIPTION OF REVISION DATE MADE BY



F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



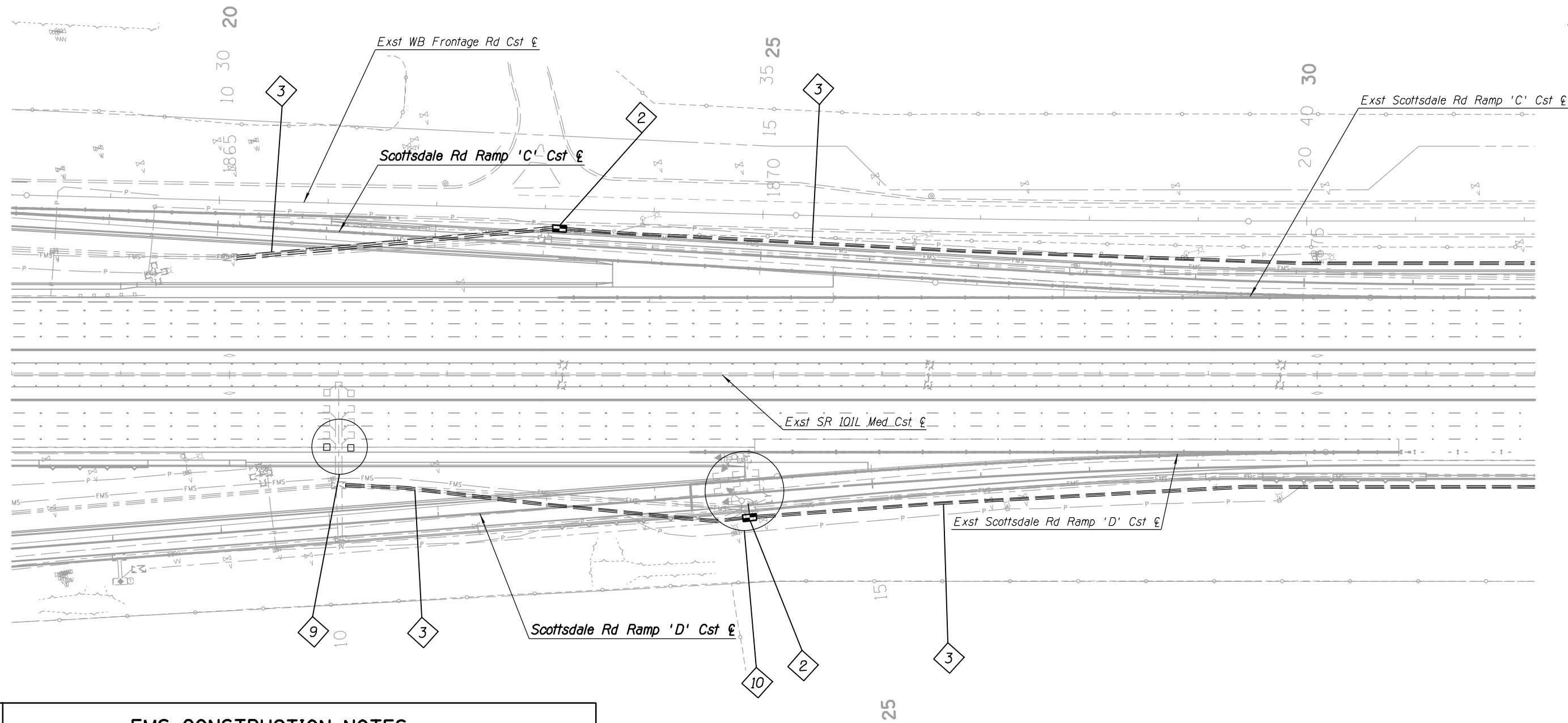
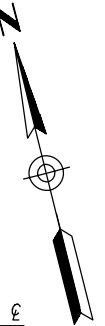
#	FMS CONSTRUCTION NOTES
11	Relocate Flashers
13	Relocate CCTV Camera and Pole, Install Lowering Device

DESIGN		NAME	DATE	<b>APPENDIX H</b> ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>TRAFFIC ELECTRICAL DESIGN</b> LIGHTING AND FMS PLANS PLAN SHEET Sta 1849+00 to Sta 1863+00	<b>DCR</b> NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER
DRAWN		AE	04-16		
CHECKED		GP	04-16		
<small>TRANSPORTATION</small> <small>AECOM TECHNICAL SERVICES, Inc.</small> <small>2555 E. Camelback Rd, Suite 200</small> <small>Phoenix, Arizona 85016</small> <small>T: 602.337.2700</small>					
ROUTE	LOCATION	I-17 - PRINCESS DRIVE		DWG NO. T-2,41	
SR 101L		TRACS NO. H8297 01L			OF

MADE BY: DATE: NO.1 DESCRIPTION OF REVISION: NO.2 DESCRIPTION OF REVISION: DATE: MADE BY: DATE:

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



#	FMS CONSTRUCTION NOTES
2	Install New No. 9 Pull Box
3	Install 3-3" Conduits
9	Install Two 6' x 6' Detector Loops
10	Relocate Ramp Meters

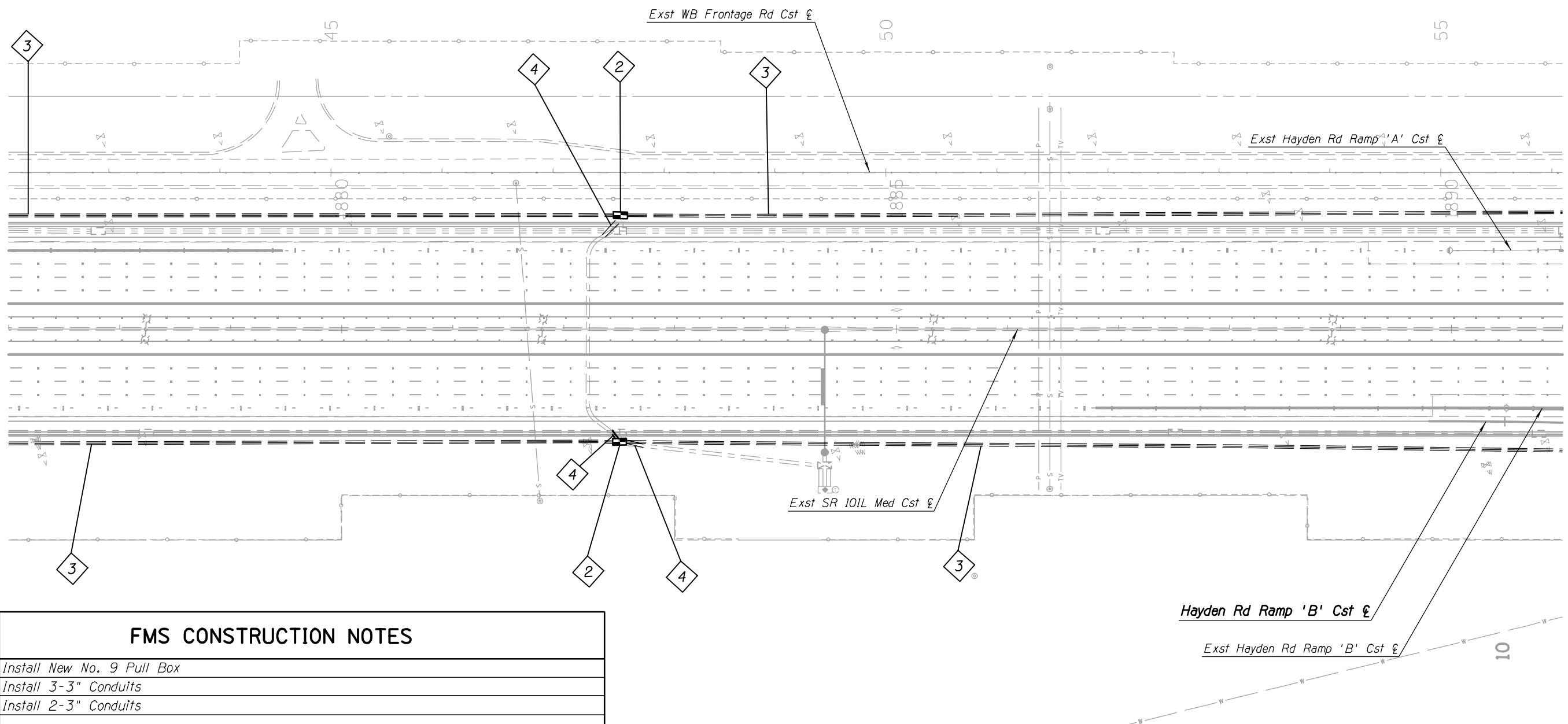
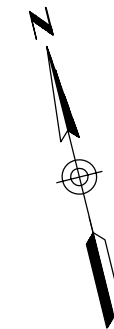
### APPENDIX H

DESIGN	JP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>TRAFFIC ELECTRICAL DESIGN</b> LIGHTING AND FMS PLANS PLAN SHEET Sta 1863+00 to Sta 1877+00	<b>DCR</b> NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER
DRAWN	AE	DATE	04-16		
CHECKED	GP	DATE	04-16		
<small>TRANSPORTATION</small> <small>AECOM TECHNICAL SERVICES, Inc.</small> <small>2355 E. Camelback Rd., Suite 200</small> <small>Phoenix, Arizona 85016</small> <small>T 602.337.2700</small>					
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE	DWG NO. T-2,42	
TRACS NO. H8297 01L				OF	

MADE BY: DATE: NO.1 DESCRIPTION OF REVISION: NO.2 DESCRIPTION OF REVISION:

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



#	FMS CONSTRUCTION NOTES
2	Install New No. 9 Pull Box
3	Install 3-3" Conduits
4	Install 2-3" Conduits

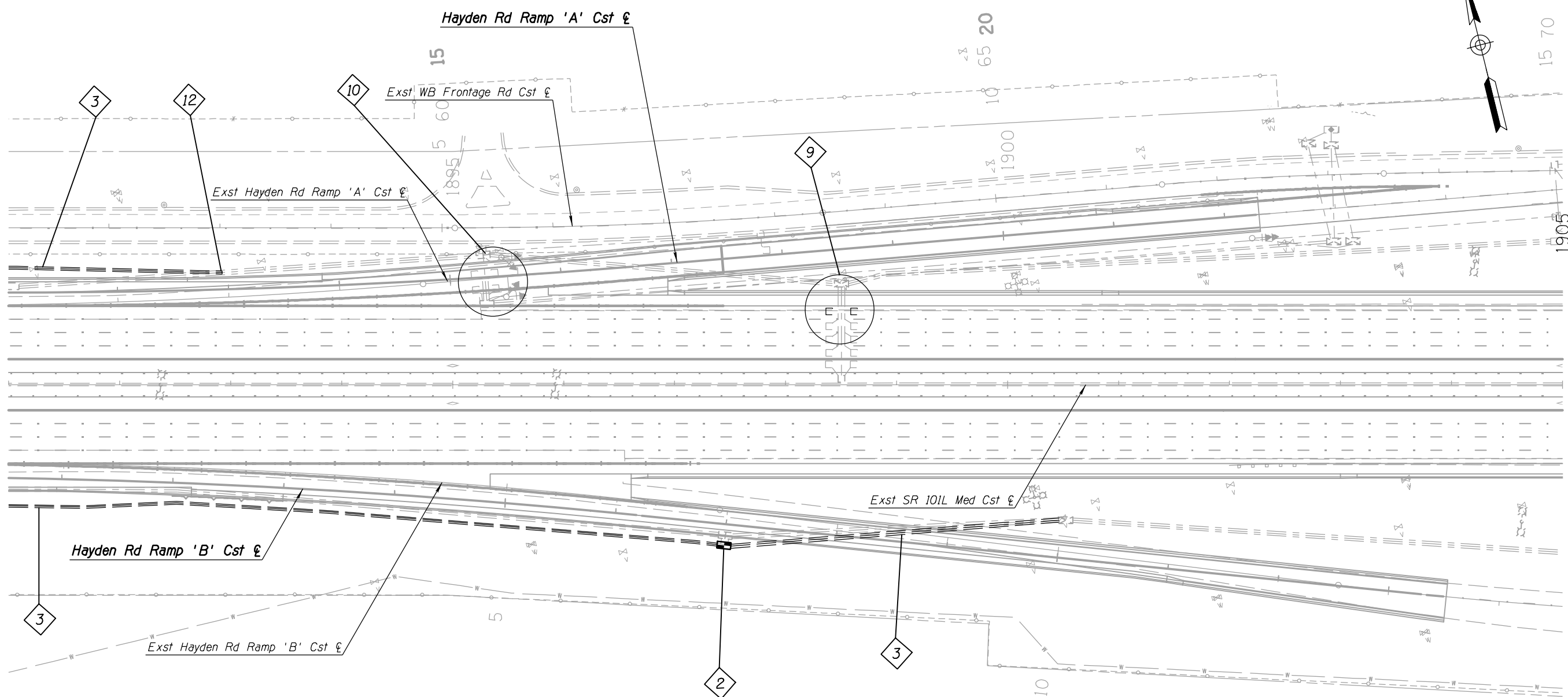
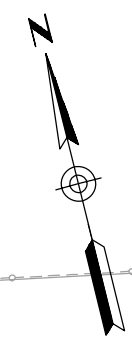
### APPENDIX H

DESIGN	JP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>TRAFFIC ELECTRICAL DESIGN</b> <b>DCR</b> NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER
DRAWN	AE	DATE	04-16	
CHECKED	GP	DATE	04-16	
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2355 E. Camelback Rd, Suite 200 Phoenix, Arizona 85016 T 602.337.2700		<b>AECOM</b> www.aecom.com		<b>LIGHTING AND FMS PLANS          PLAN SHEET          Sta 1877+00 to Sta 1891+00</b>
ROUTE	LOCATION	SR 101L I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L		DWG NO. T-2.43 OF		

NO.1 DESCRIPTION OF REVISION DATE MADE BY NO.2 DESCRIPTION OF REVISION DATE MADE BY

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



#	FMS CONSTRUCTION NOTES
2	Install New No. 9 Pull Box
3	Install 3-3" Conduits
9	Install Two 6' x 6' Detector Loops
10	Relocate Ramp Meters
12	Intercept Existing Conduit

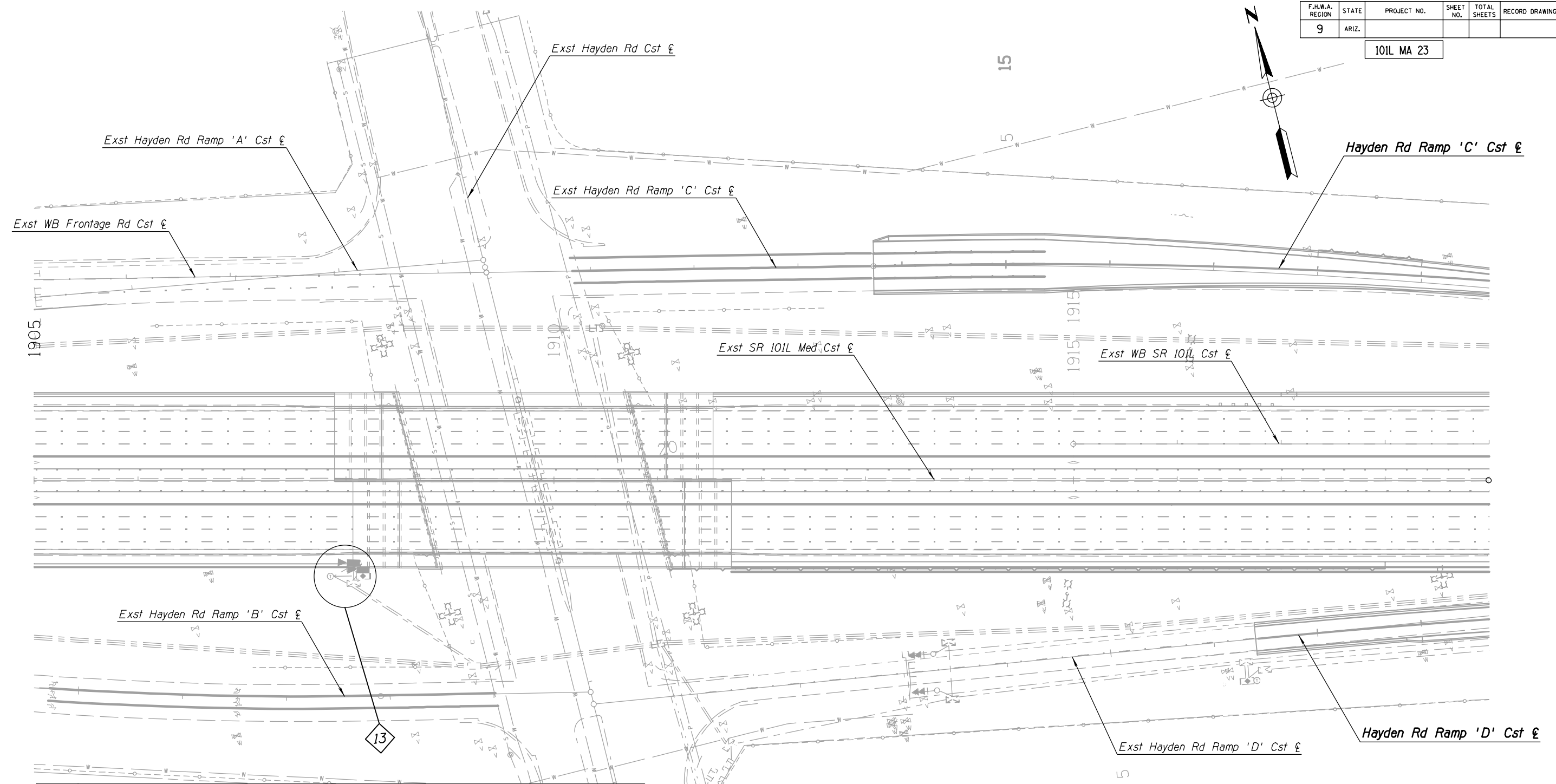
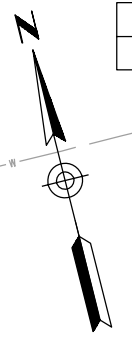
### APPENDIX H

DESIGN	JP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>TRAFFIC ELECTRICAL DESIGN</b> <b>DCR</b> NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER
DRAWN	AE	DATE	04-16	
CHECKED	GP	DATE	04-16	
TRANSPORTATION AECOM TECHNICAL SERVICES, Inc. 2355 E. Camelback Rd, Suite 200 Phoenix, Arizona 85016 T 602.337.2700 <b>AECOM</b> www.aecom.com				<b>LIGHTING AND FMS PLANS          PLAN SHEET          Sta 1891+00 to Sta 1905+00</b> DWG NO. T-2.44 OF
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE	
TRACS NO. H8297 01L				

MADE BY: DATE: NO.1 DESCRIPTION OF REVISION: NO.2 DESCRIPTION OF REVISION:

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



#	FMS CONSTRUCTION NOTES
13	Relocate CCTV Camera and Pole, Install Lowering Device

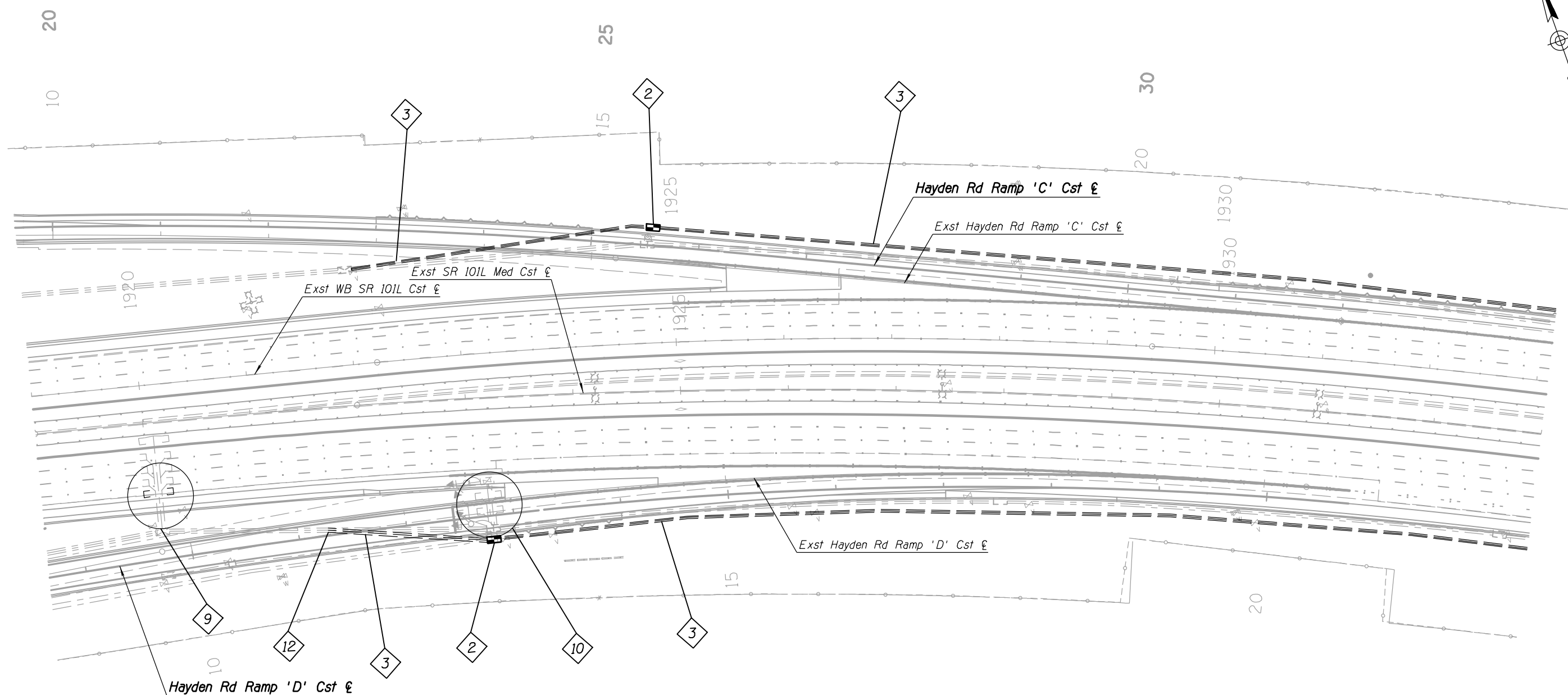
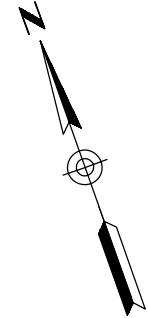
### APPENDIX H

DESIGN	JP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>TRAFFIC ELECTRICAL DESIGN</b> LIGHTING AND FMS PLANS PLAN SHEET Sta 1905+00 to Sta 1919+00	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER
DRAWN	AE	DATE	04-16		
CHECKED	GP	DATE	04-16		
<small>TRANSPORTATION</small> <small>AECOM TECHNICAL SERVICES, Inc.</small> <small>2355 E. Camelback Rd, Suite 200</small> <small>Phoenix, Arizona 85016</small> <small>T 602.337.2700</small>					
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE	DWG NO. T-2.45	
TRACS NO. H8297 01L				OF	

MADE BY: DATE: NO.1 DESCRIPTION OF REVISION: NO.2 DESCRIPTION OF REVISION:

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



#	FMS CONSTRUCTION NOTES
2	Install New No. 9 Pull Box
3	Install 3-3" Conduits
9	Install Two 6' x 6' Detector Loops
10	Relocate Ramp Meters
12	Intercept Existing Conduit

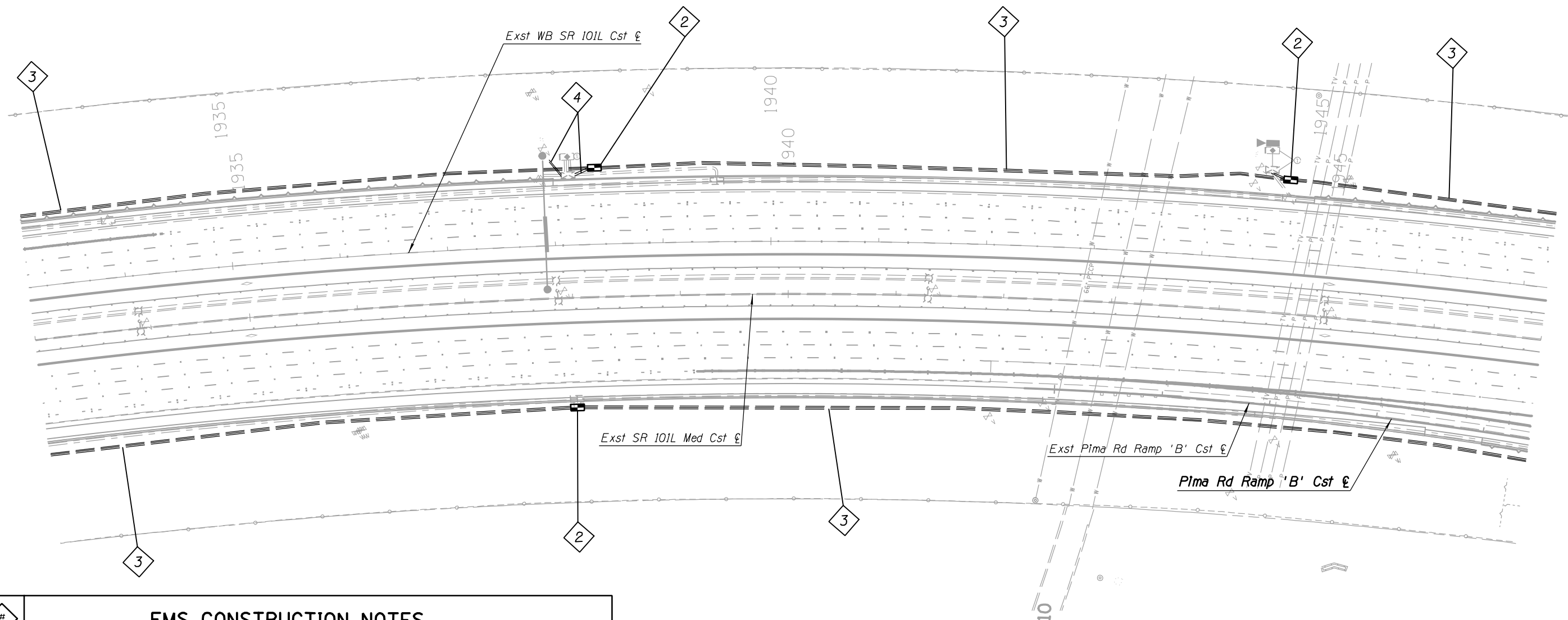
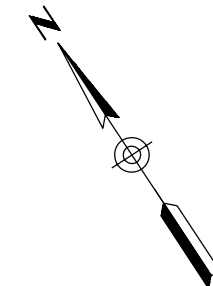
### APPENDIX H

DESIGN	JP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>TRAFFIC ELECTRICAL DESIGN</b>	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER
DRAWN	AE	DATE	04-16		
CHECKED	GP	DATE	04-16		
TRANSPORTATION		AECOM		LIGHTING AND FMS PLANS PLAN SHEET Sta 1919+00 to Sta 1933+00	
ROUTE	LOCATION	I-17 - PRINCESS DRIVE		DWG NO. T-2,46	
SR 101L		TRACS NO. H8297 01L		OF	

NO.1. DESCRIPTION OF REVISION DATE MADE BY NO.2. DESCRIPTION OF REVISION DATE MADE BY

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



#	FMS CONSTRUCTION NOTES
2	Install New No. 9 Pull Box
3	Install 3-3" Conduits
4	Install 2-3" Conduits

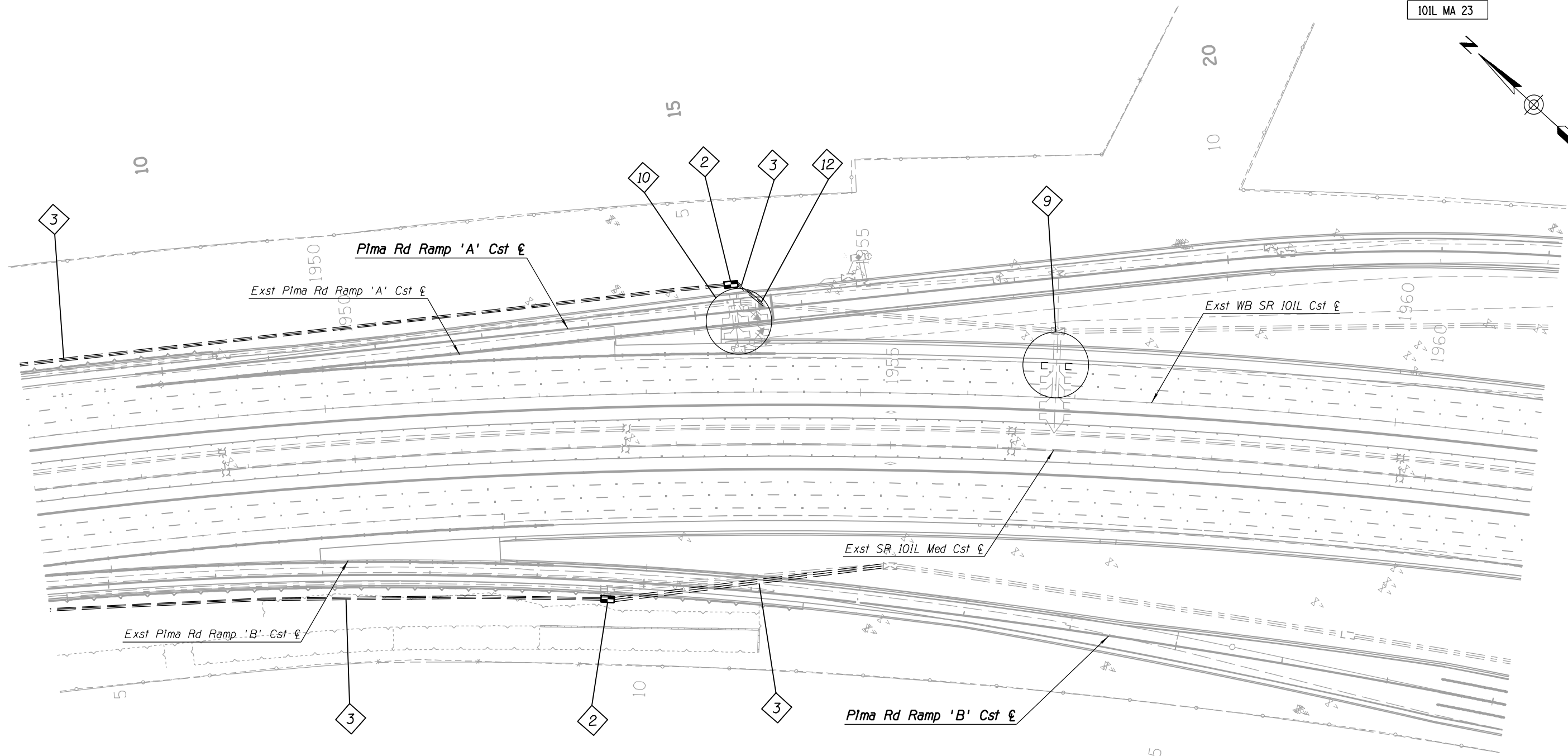
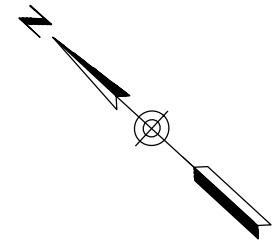
### APPENDIX H

DESIGN	JP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>TRAFFIC ELECTRICAL DESIGN</b>	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER
DRAWN	AE	DATE	04-16		
CHECKED	GP	DATE	04-16		
TRANSPORTATION		AECOM		LIGHTING AND FMS PLANS PLAN SHEET Sta 1933+00 to Sta 1947+00	
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE	DWG NO. T-2,47	
TRACS NO. H8297 01L				OF	

NO.1 DESCRIPTION OF REVISION DATE MADE BY NO.2 DESCRIPTION OF REVISION DATE MADE BY

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



#	FMS CONSTRUCTION NOTES
2	Install New No. 9 Pull Box
3	Install 3-3" Conduits
9	Install Two 6' x 6' Detector Loops
10	Relocate Ramp Meters
12	Intercept Existing Conduit

### APPENDIX H

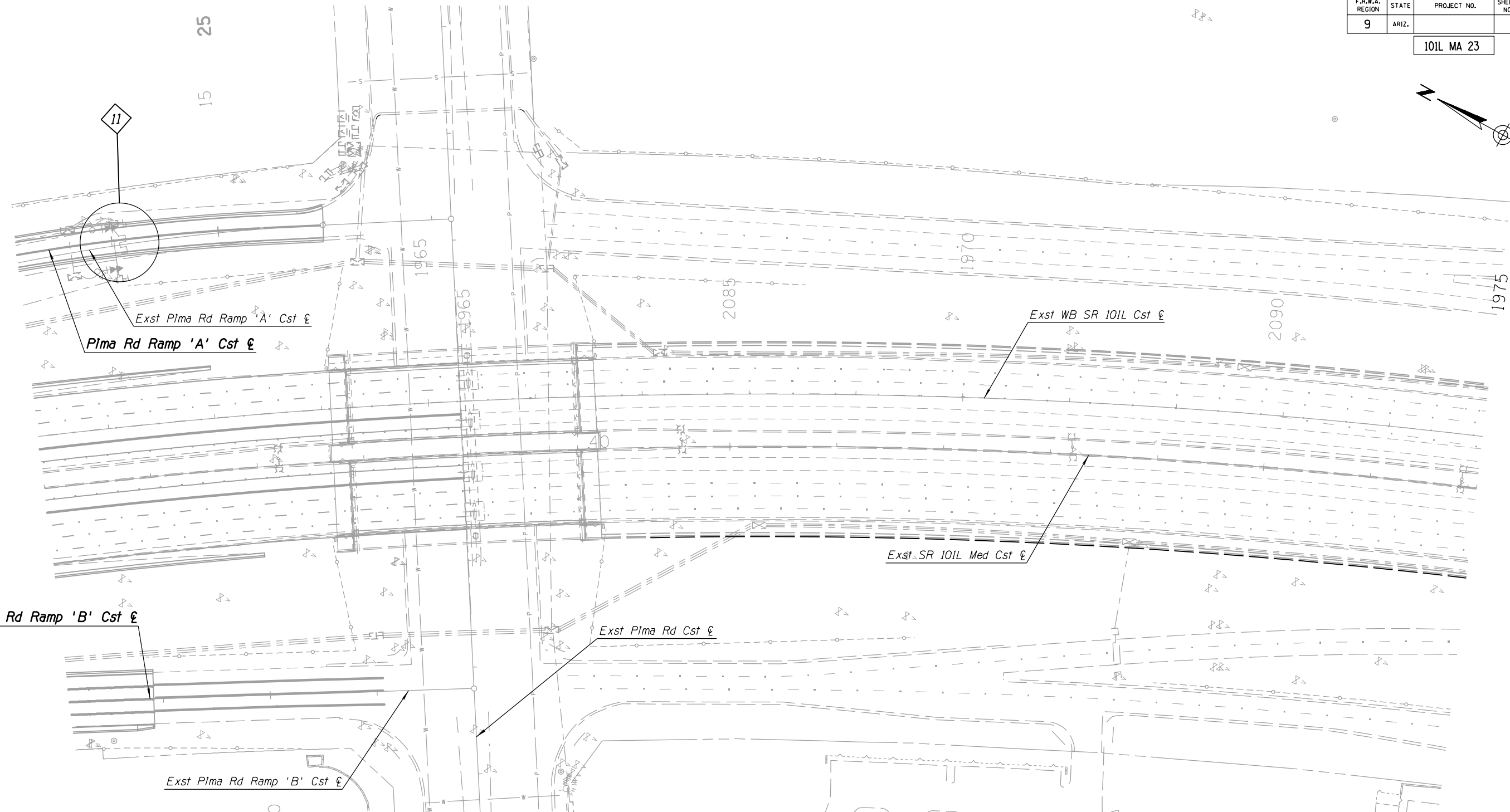
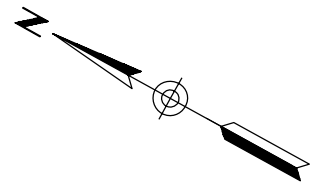
DESIGN	JP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>TRAFFIC ELECTRICAL DESIGN</b>	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER
DRAWN	AE	DATE	04-16		
CHECKED	GP	DATE	04-16		
<small>TRANSPORTATION</small> <small>AECOM TECHNICAL SERVICES, Inc.</small> <small>2325 E. Camelback Rd., Suite 200</small> <small>Phoenix, Arizona 85016</small> <small>T 602.337.2700</small> <small>www.aecom.com</small>				<b>AECOM</b> <b>LIGHTING AND FMS PLANS</b> <b>PLAN SHEET</b> <b>Sta 1947+00 to Sta 1961+00</b>	
ROUTE	LOCATION				
SR 101L	I-17 - PRINCESS DRIVE			DWG NO. T-2,48	
TRACS NO. H8297 01L				OF	

NO.1. DESCRIPTION OF REVISION DATE MADE BY NO.2. DESCRIPTION OF REVISION DATE MADE BY



F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				

101L MA 23



NO.1. DESCRIPTION OF REVISION	DATE	MADE BY
NO.2. DESCRIPTION OF REVISION	DATE	MADE BY

#	FMS CONSTRUCTION NOTES
11	Relocate Flashers

**APPENDIX H**

DESIGN	JP	DATE	04-16	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISIONS <b>TRAFFIC ELECTRICAL DESIGN</b>	<b>DCR</b>  NOT FOR CONSTRUCTION OR RECORDING TRAFFIC ENGINEER
DRAWN	AE	DATE	04-16		
CHECKED	GP	DATE	04-16		
TRANSPORTATION				<b>AECOM</b> <small>AECOM TECHNICAL SERVICES, Inc. 2555 E. Camelback Rd, Suite 200 Phoenix, Arizona 85016 T 602.337.2700</small>	<b>LIGHTING AND FMS PLANS PLAN SHEET Sta 1961+00 to Sta 1975+00</b>
ROUTE	SR 101L	LOCATION	I-17 - PRINCESS DRIVE		
TRACS NO. H8297 01L		DWG NO. T-2,49		OF	