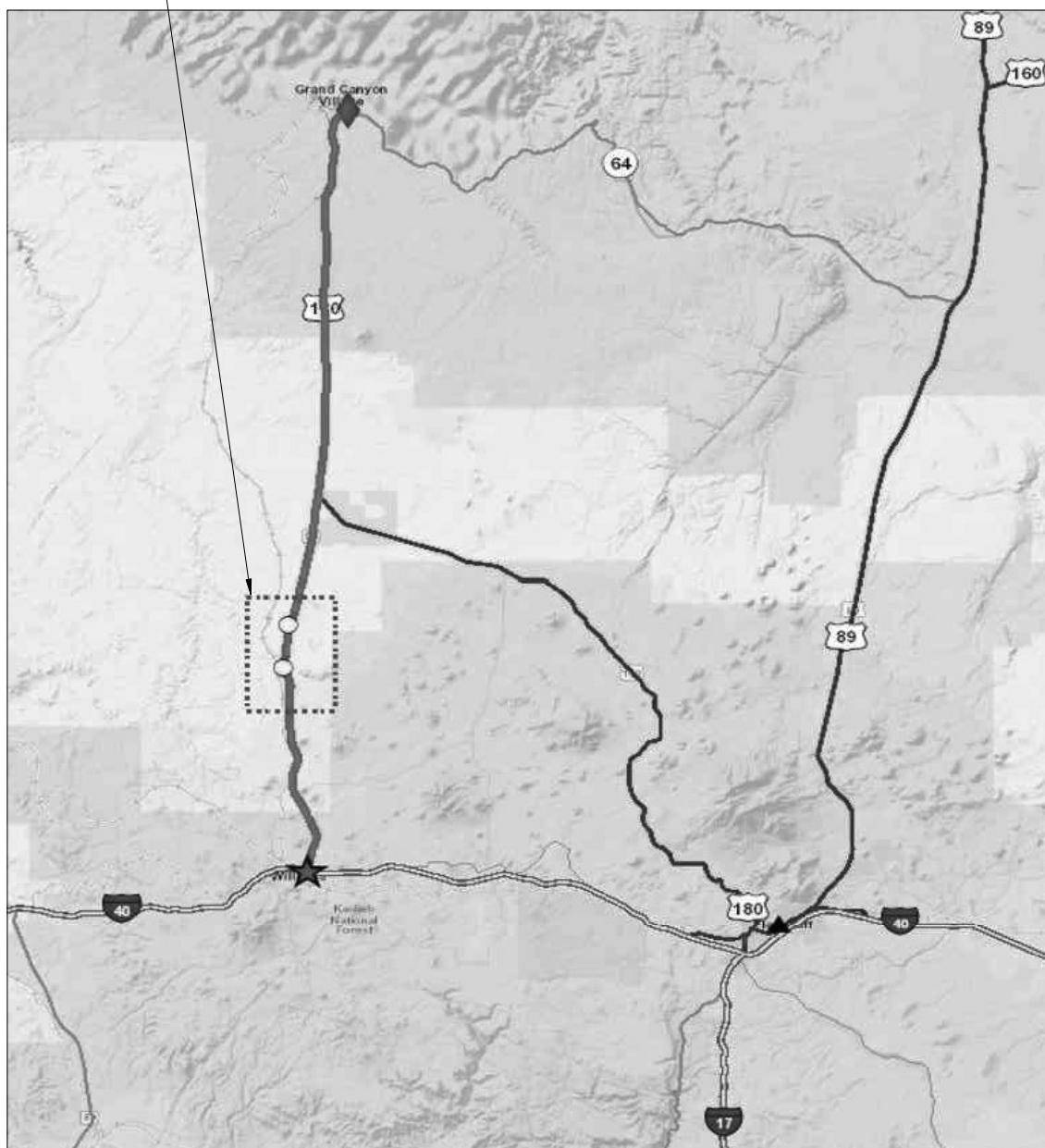
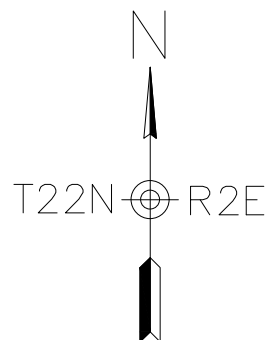
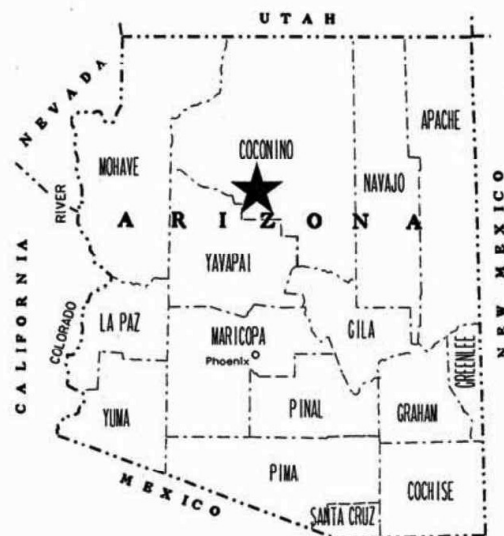


STATE OF ARIZONA
 DEPARTMENT OF TRANSPORTATION
 NAU CAPSTONE TEAM

PROJECT PLANS

STATE HIGHWAY
 WILLIAMS – GRAND CANYON – CAMERON HIGHWAY
 SR 64

CONSTRUCT PASSING LANE
 MP 201 – MP 204



MP 201 – MP 204

RECORD DRAWINGS

These Plans Indicate Information
 Provided As Record of Construction
 Reviewed

By: _____

Date: _____

Resident

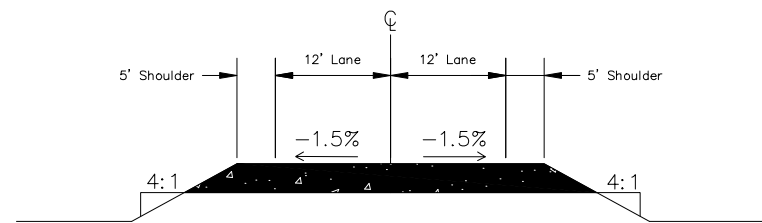
Engineer: _____

Completion

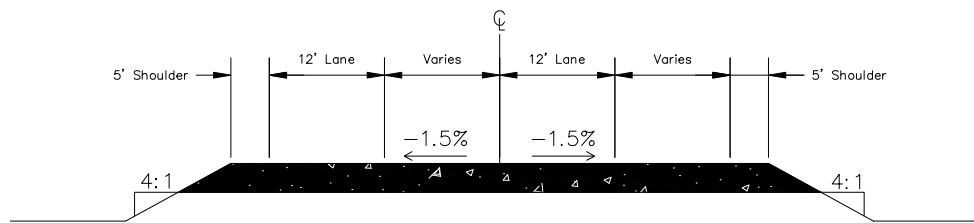
Date: _____

ARIZONA DEPARTMENT OF TRANSPORTATION
 INTERMODAL TRANSPORTATION DIVISION

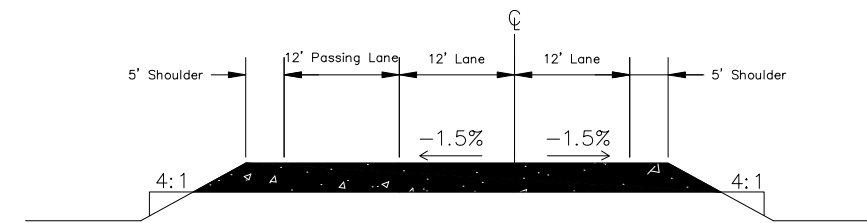
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.		2	33	



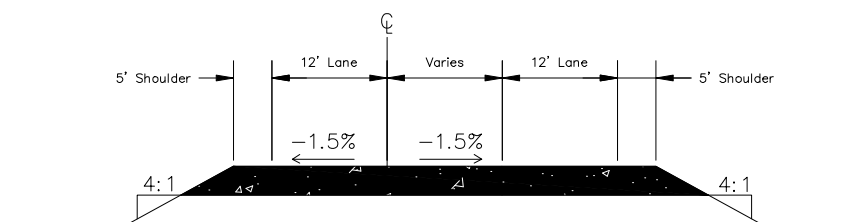
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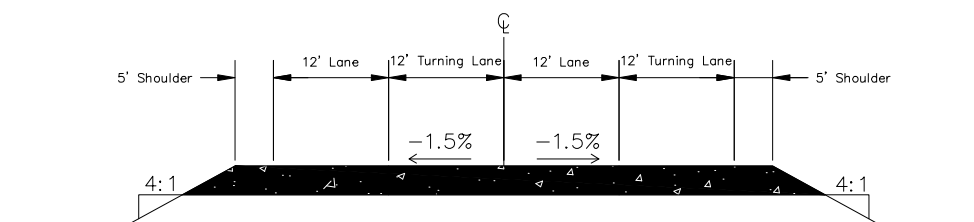
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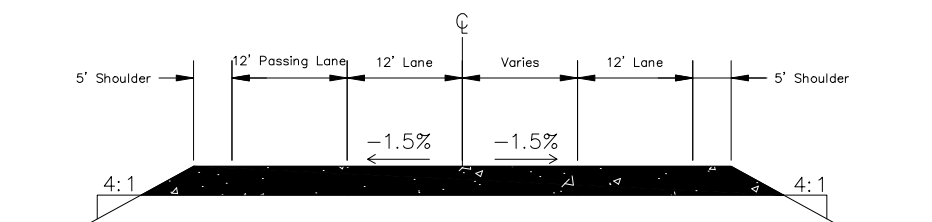
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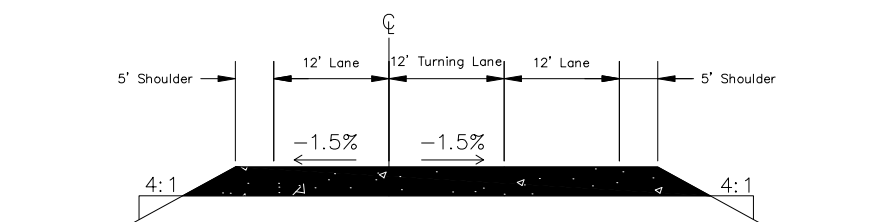
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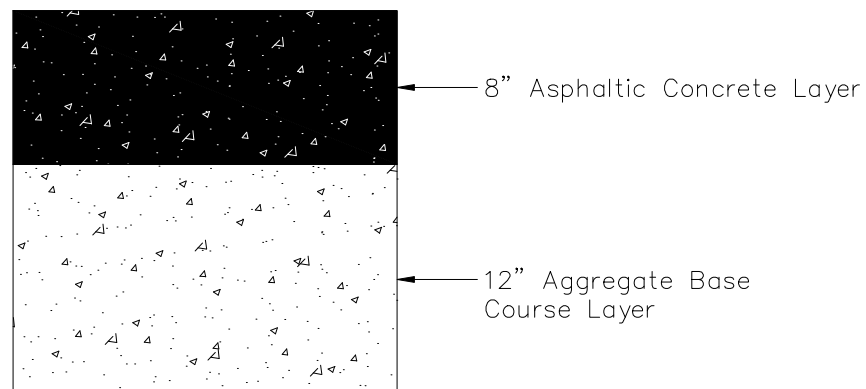
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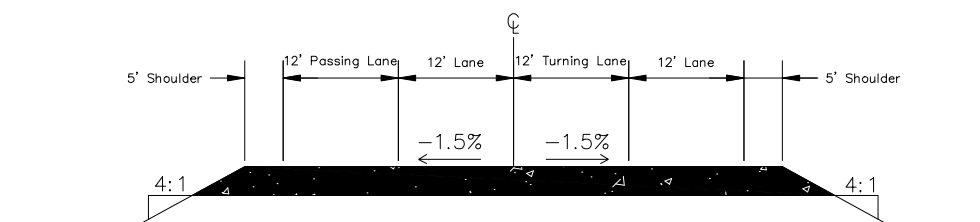
Proposed Typical Section



Existing Typical Section



Existing/Proposed Typical Section
NTS



Proposed Typical Section

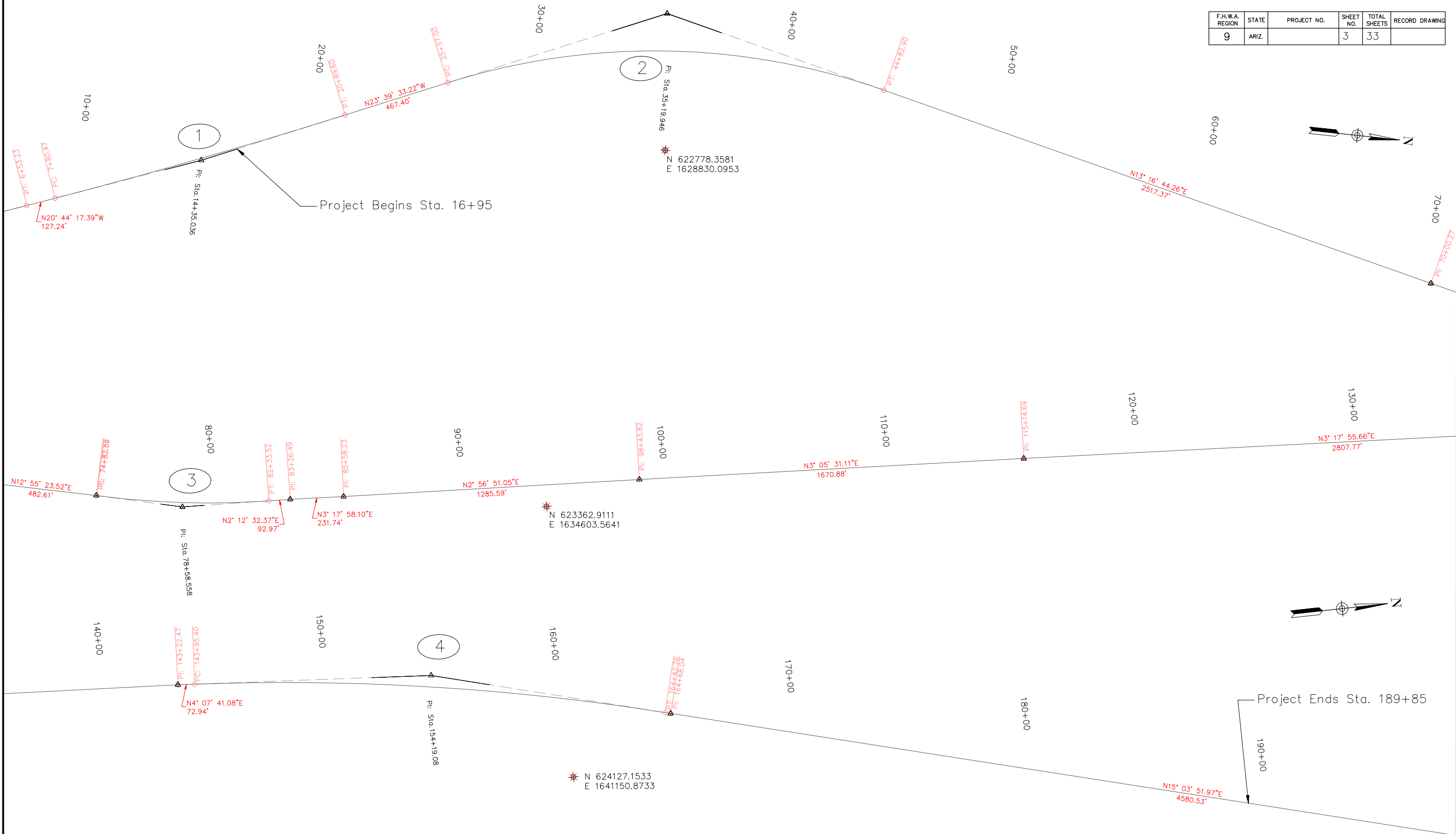
Note to Designer:
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NO.	DESCRIPTION OF REVISIONS	MADE BY	DATE
1			
2			
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4			

DESIGN APPROVED		ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION ROADWAY GROUP PLANS DETAIL	
APPROVED FOR DISTRIBUTION		TYPICAL ROADWAY SECTIONS	
ROUTE	LOCATION	SHEET 1	OF 1
SR-64	Mile Marker 201-204 SB Passing Lane		
TRACS NO.		2 OF 33	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.		3	33	

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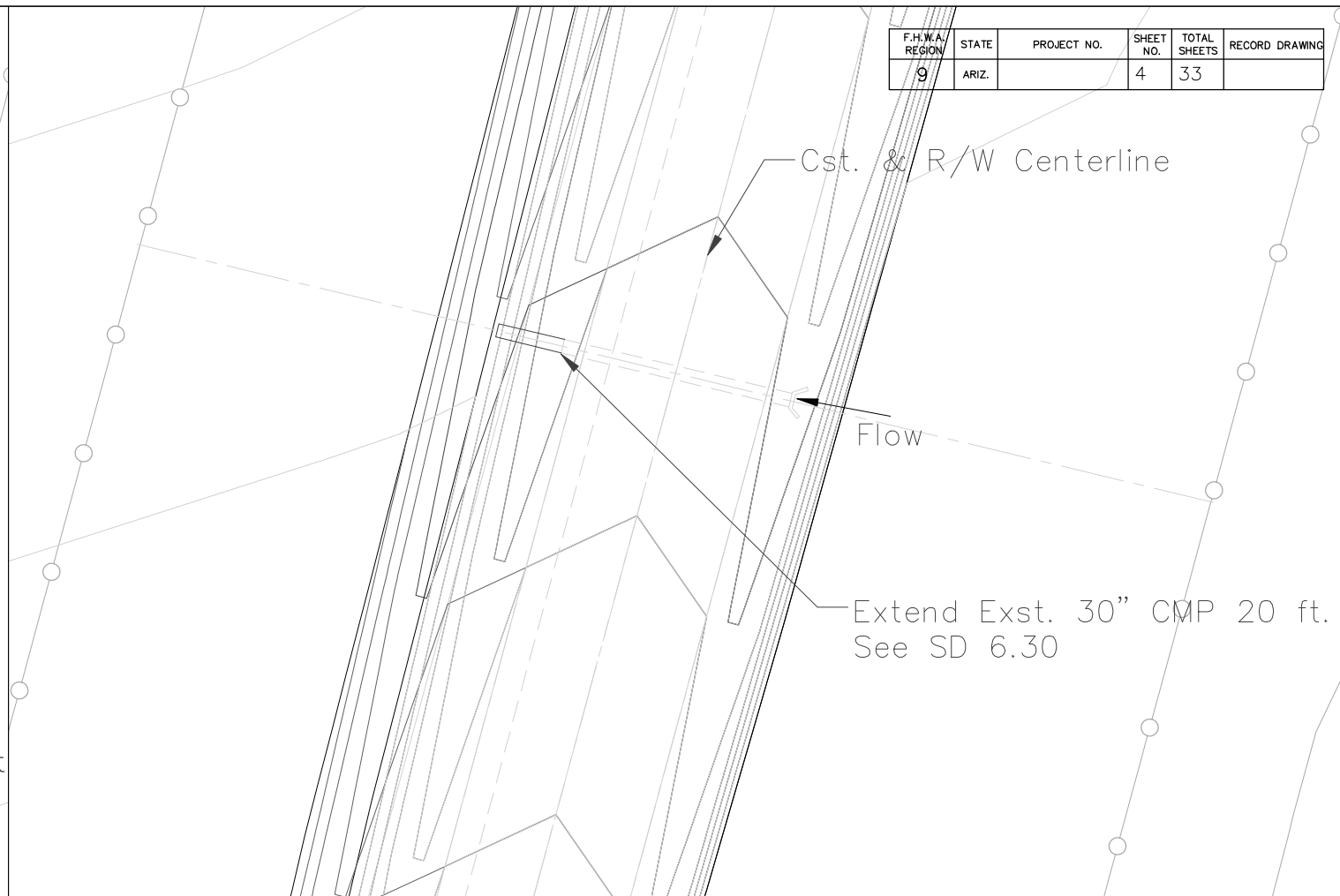
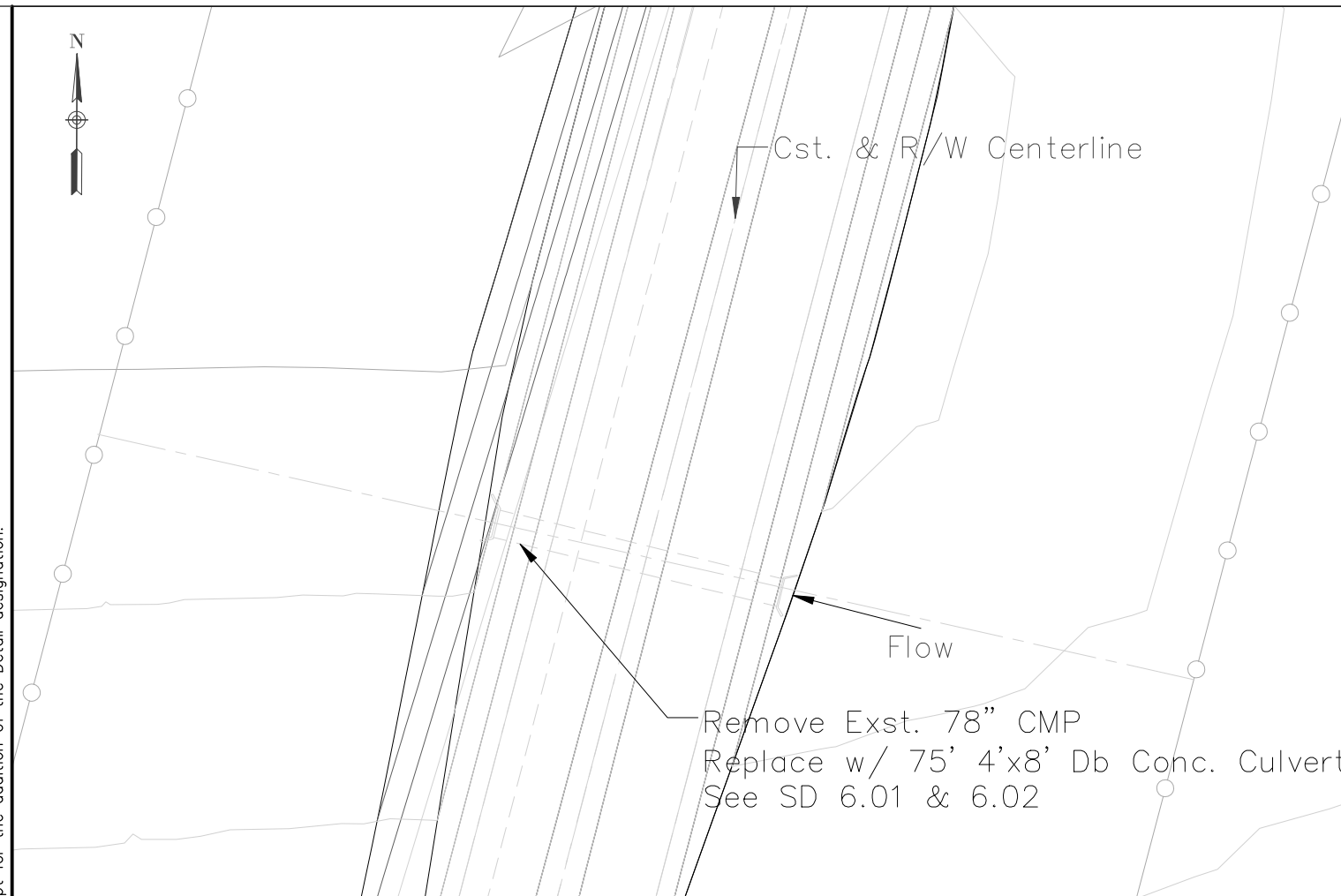


1	2	3	4
Existing CL Curve Data	Existing CL Curve Data	Existing CL Curve Data	Existing CL Curve Data
PI: Sta. 14+35.036	PI: Sta. 35+19.946	PI: Sta. 78+58.558	PI: Sta. 154+19.08
Main Curve Δ=2.9211° R=25678.218' L=1309.132'	Main Curve Δ=36.9382° R=2987.299' L=1925.891'	Main Curve Δ=11.5904° R=3707.213' L=749.936'	Main Curve Δ=11.1415° R=10528.62' L=2074.36'

DESIGN APPROVED		ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION ROADWAY GROUP PLANS DETAIL	
APPROVED FOR DISTRIBUTION		GEOMETRIC CONTROL	
ROUTE	LOCATION	SHEET	OF
SR-64	Mile Marker 201-204 SB Passing Lane	1	1
TRACS NO.		3 OF 33	

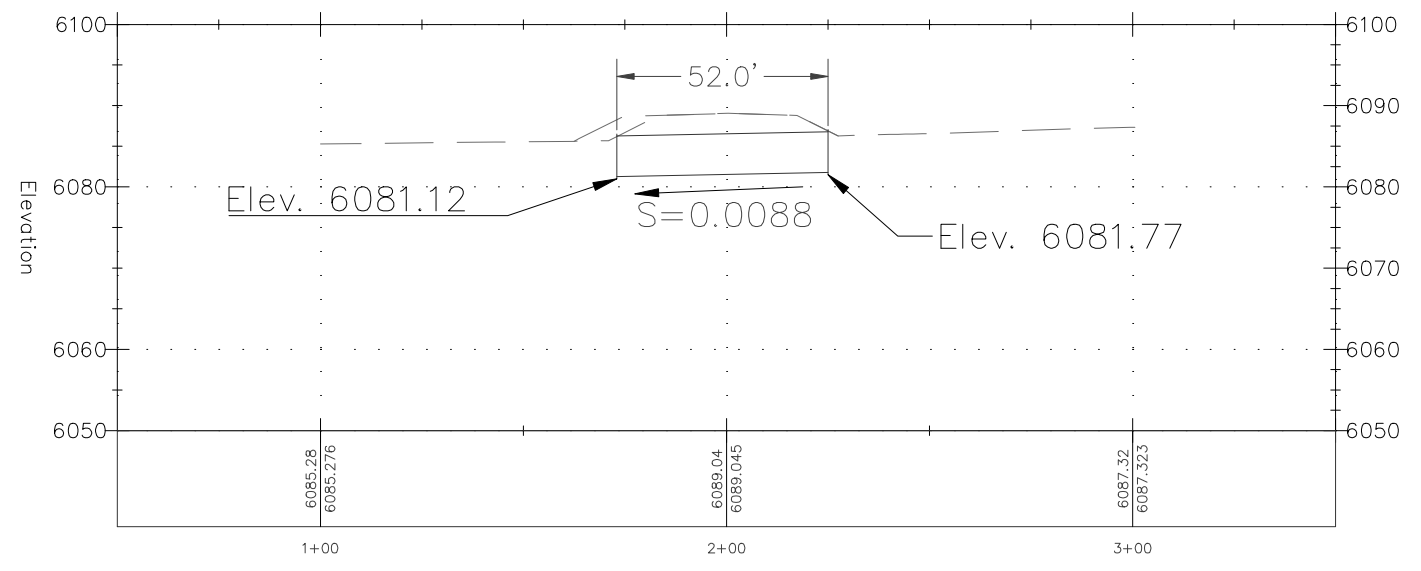
NO.	DESCRIPTION OF REVISIONS	MADE BY	DATE
1			
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3			
4			

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.		4	33	

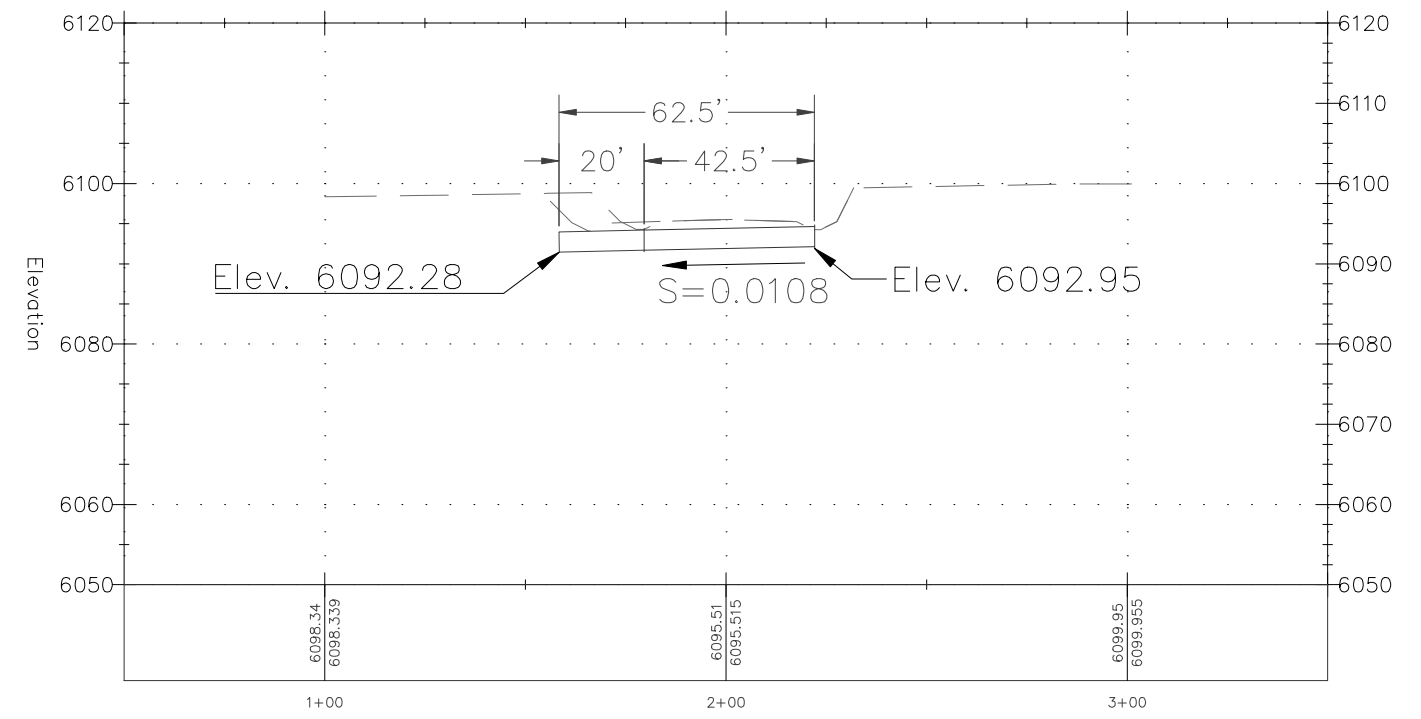


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NO.	DESCRIPTION OF REVISIONS	MADE BY	DATE
1			
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Sta 187+80
 Remove 1-78"x52' CMP
 Replace w/ 1-4'x8'x75' DB Conc. Culvert
 Skew 0° Rt



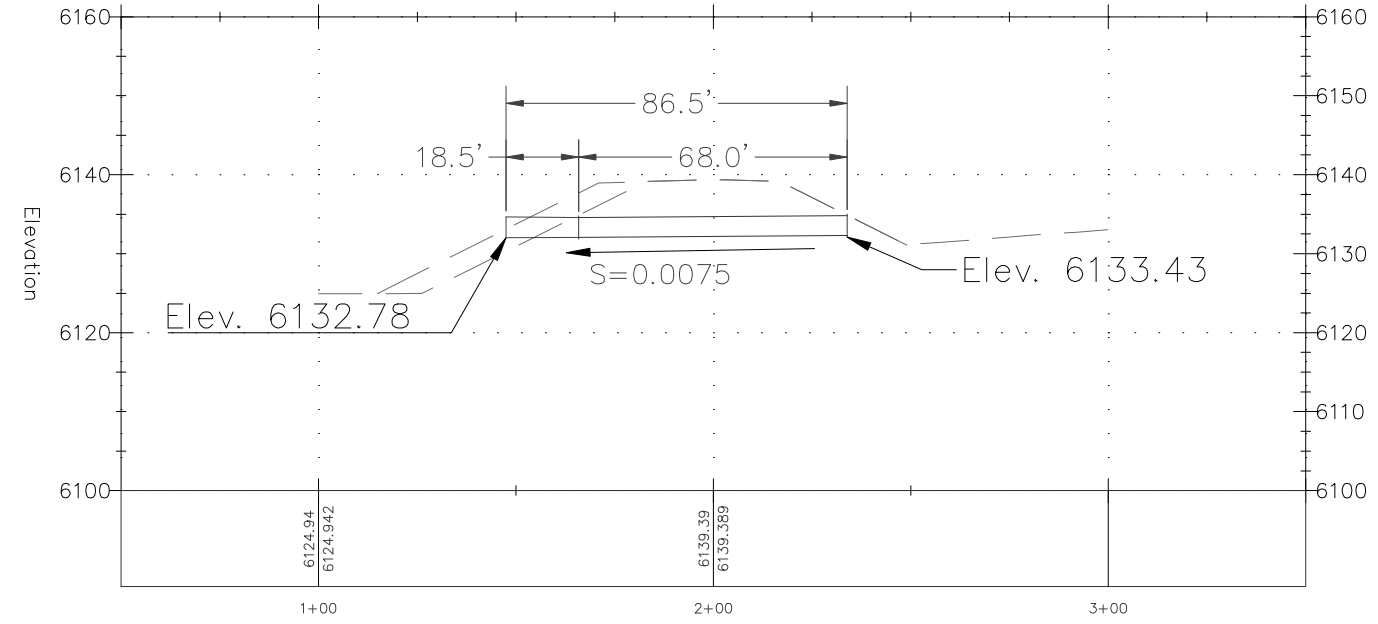
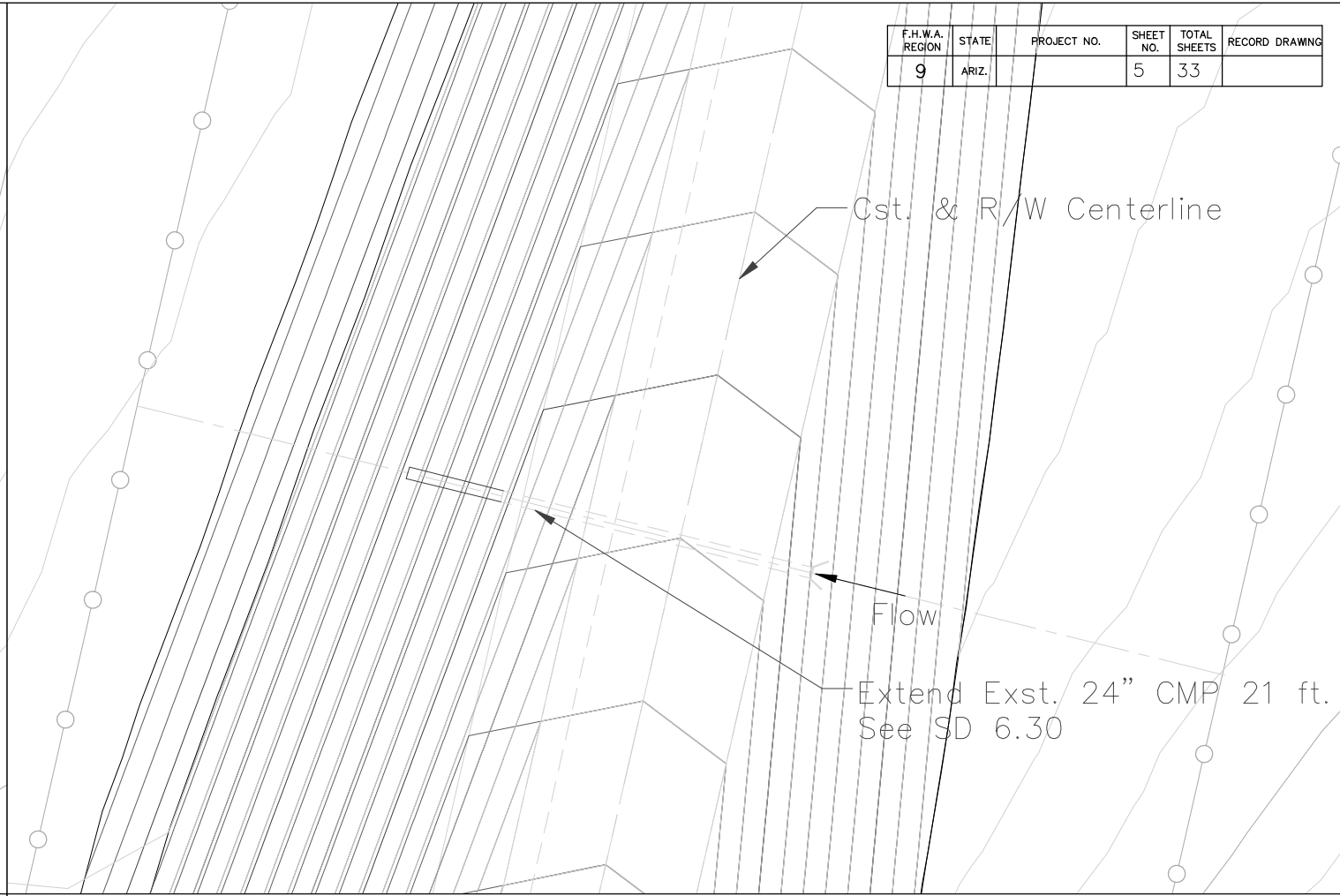
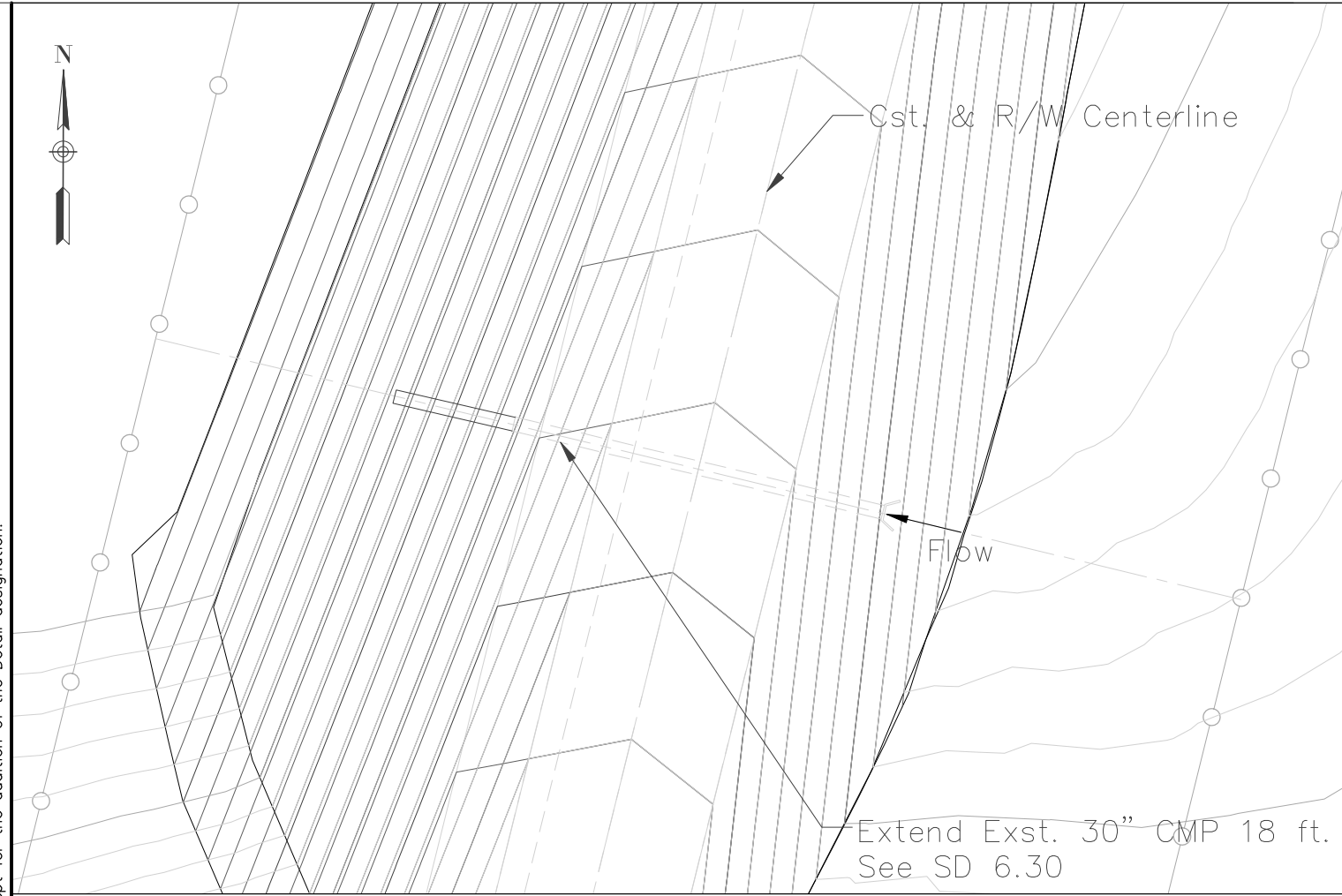
Sta 179+40
 1-30"x62.5' CMP
 Skew 0° Rt

DESIGN APPROVED		ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION ROADWAY GROUP PLANS DETAIL	
APPROVED FOR DISTRIBUTION		PIPE DETAIL SHEET Sta 187+80 & Sta 179+40	
ROUTE SR-64	LOCATION Mile Marker 201-204 SB Passing Lane	SHEET 1	OF 5
TRACS NO.		4 OF 33	

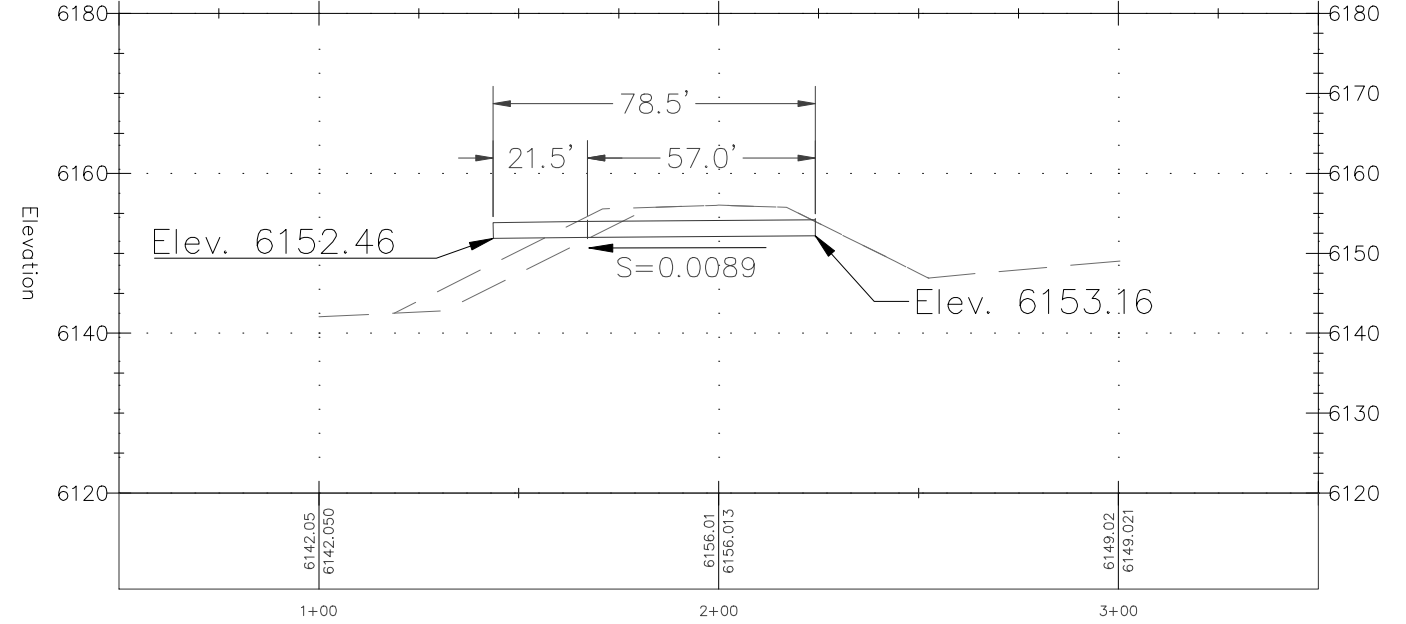
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.		5	33	



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Sta 164+20
 1-30"x86.5' CMP
 Skew 0° Rt



Sta 159+20
 1-24"x78.5' CMP
 Skew 0° Rt

NO.	DESCRIPTION OF REVISIONS	MADE BY	DATE
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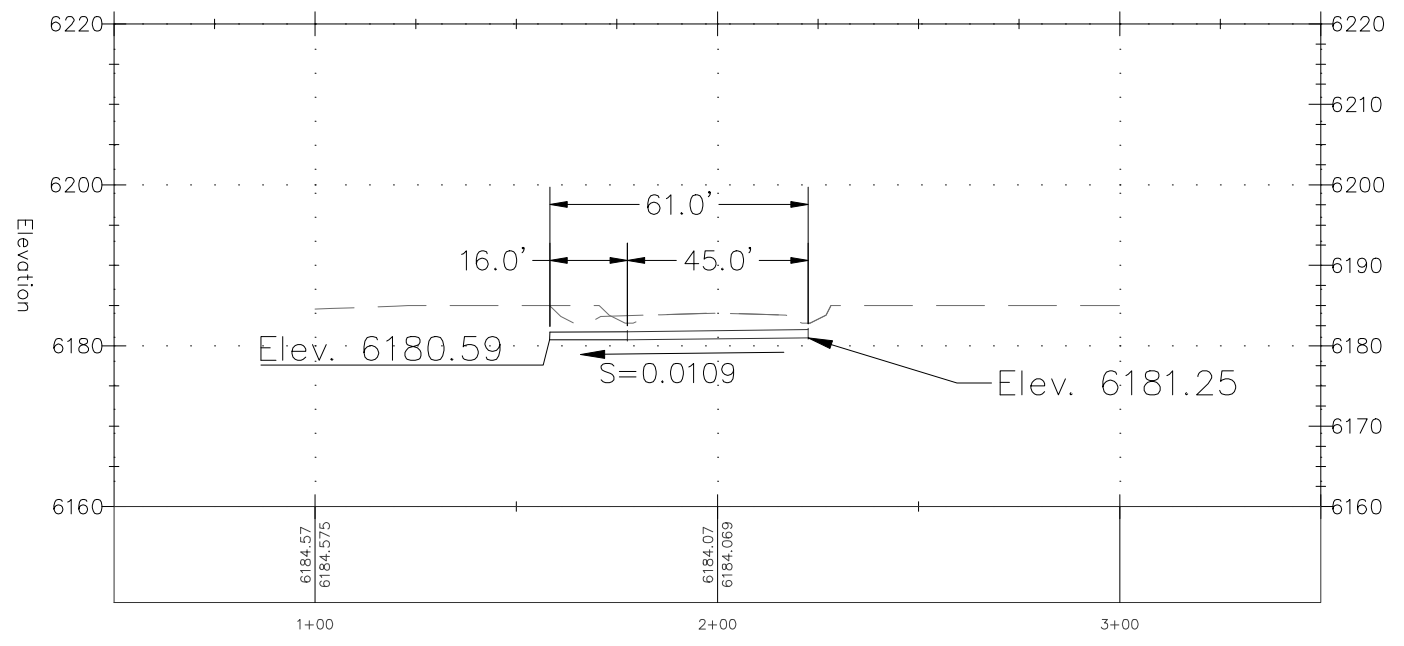
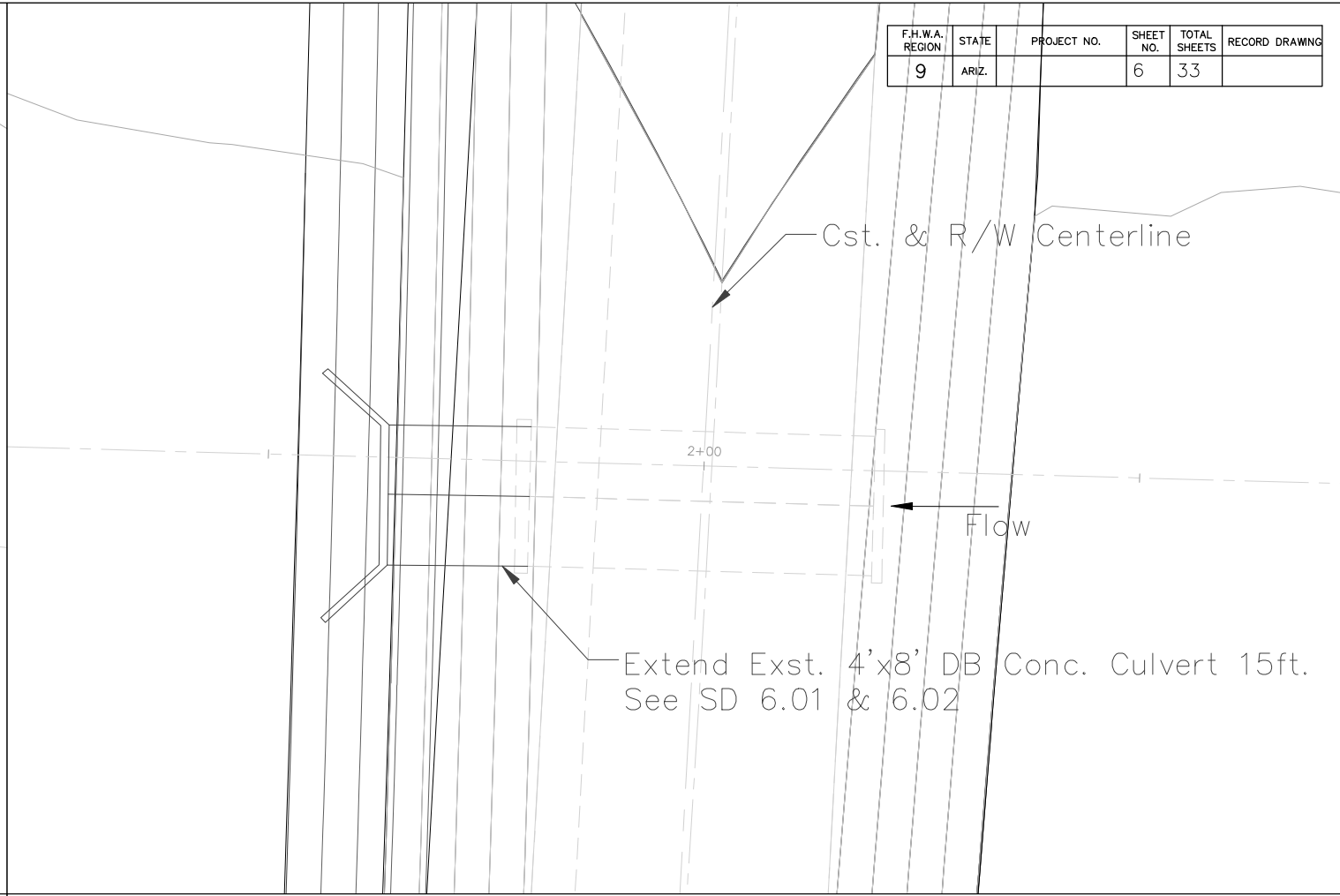
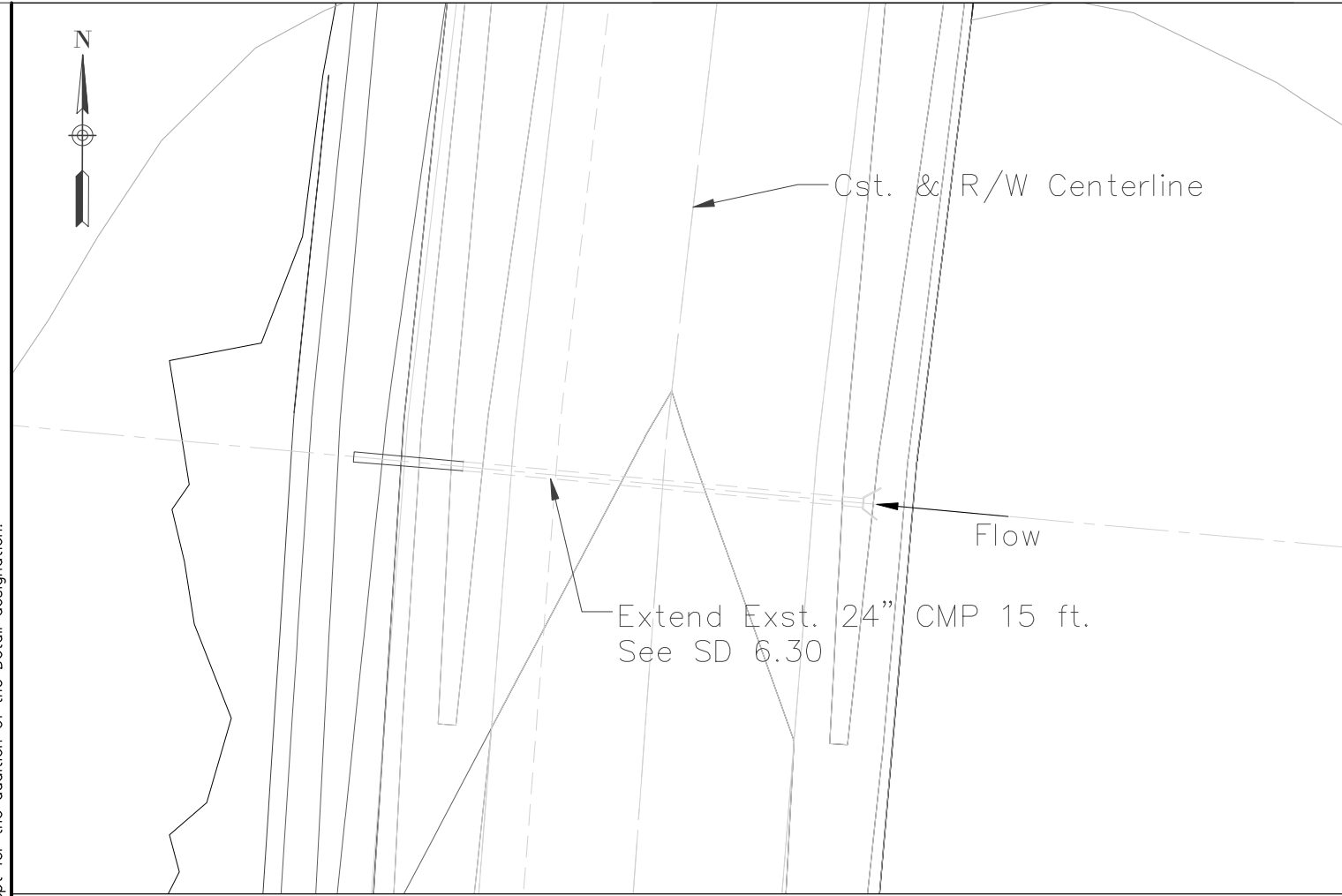
DESIGN APPROVED		ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION ROADWAY GROUP PLANS DETAIL	
APPROVED FOR DISTRIBUTION		PIPE DETAIL SHEET Sta 164+20 & Sta 159+20	
ROUTE SR-64	LOCATION Mile Marker 201-204 SB Passing Lane	SHEET 2 OF 5	
TRACS NO.		5 OF 33	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.		6	33	

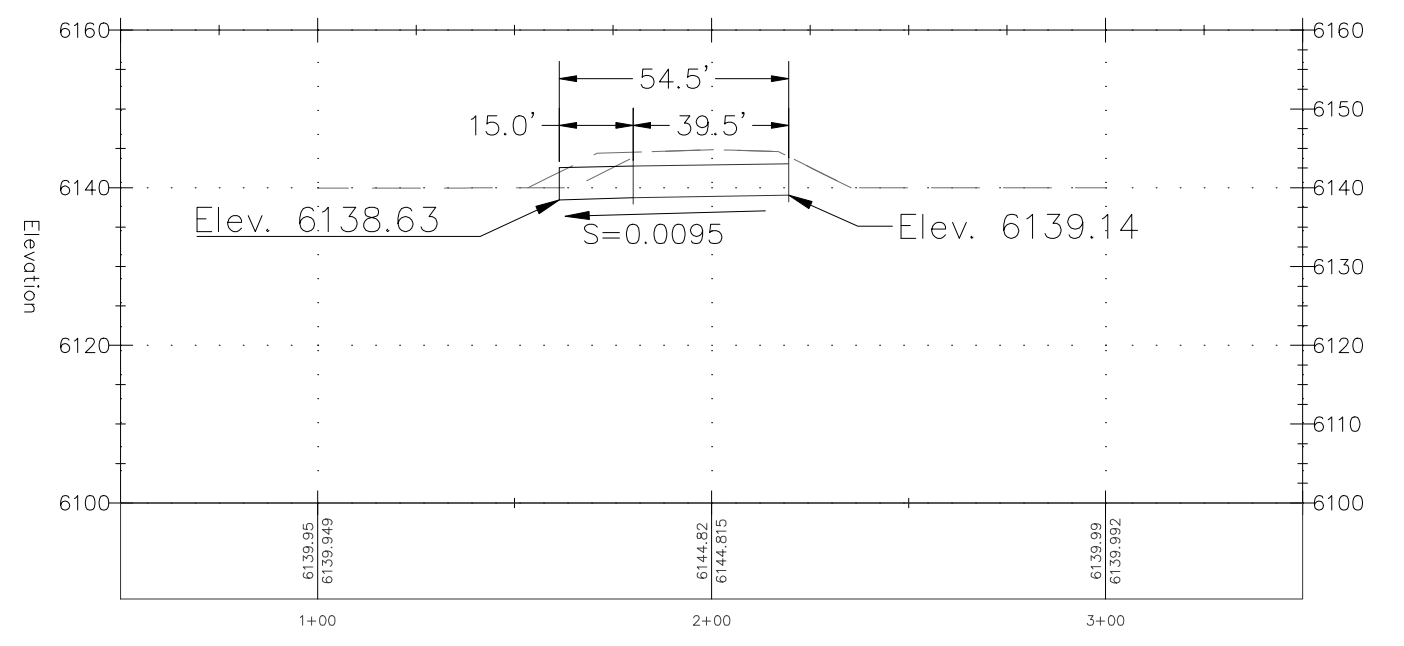


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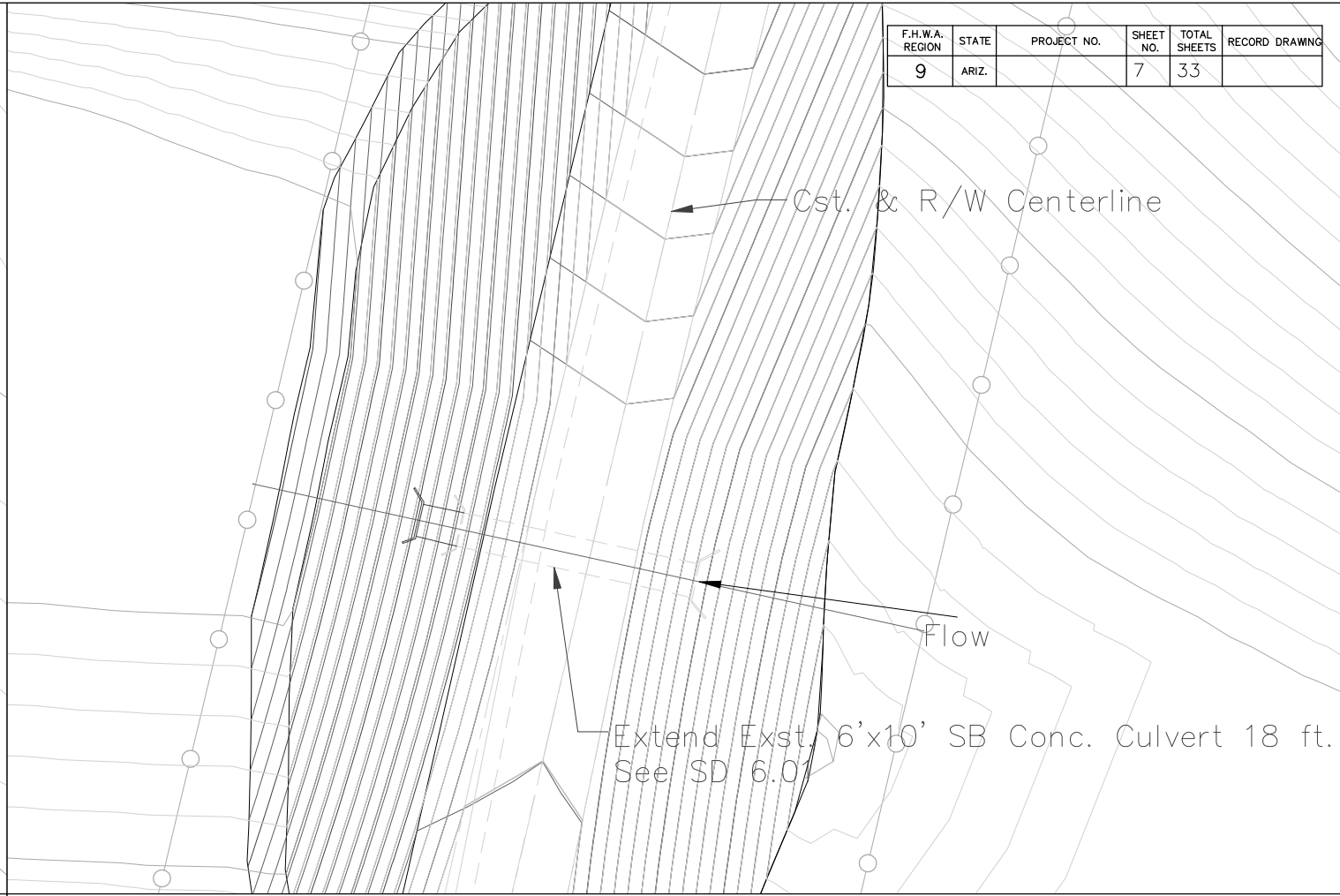
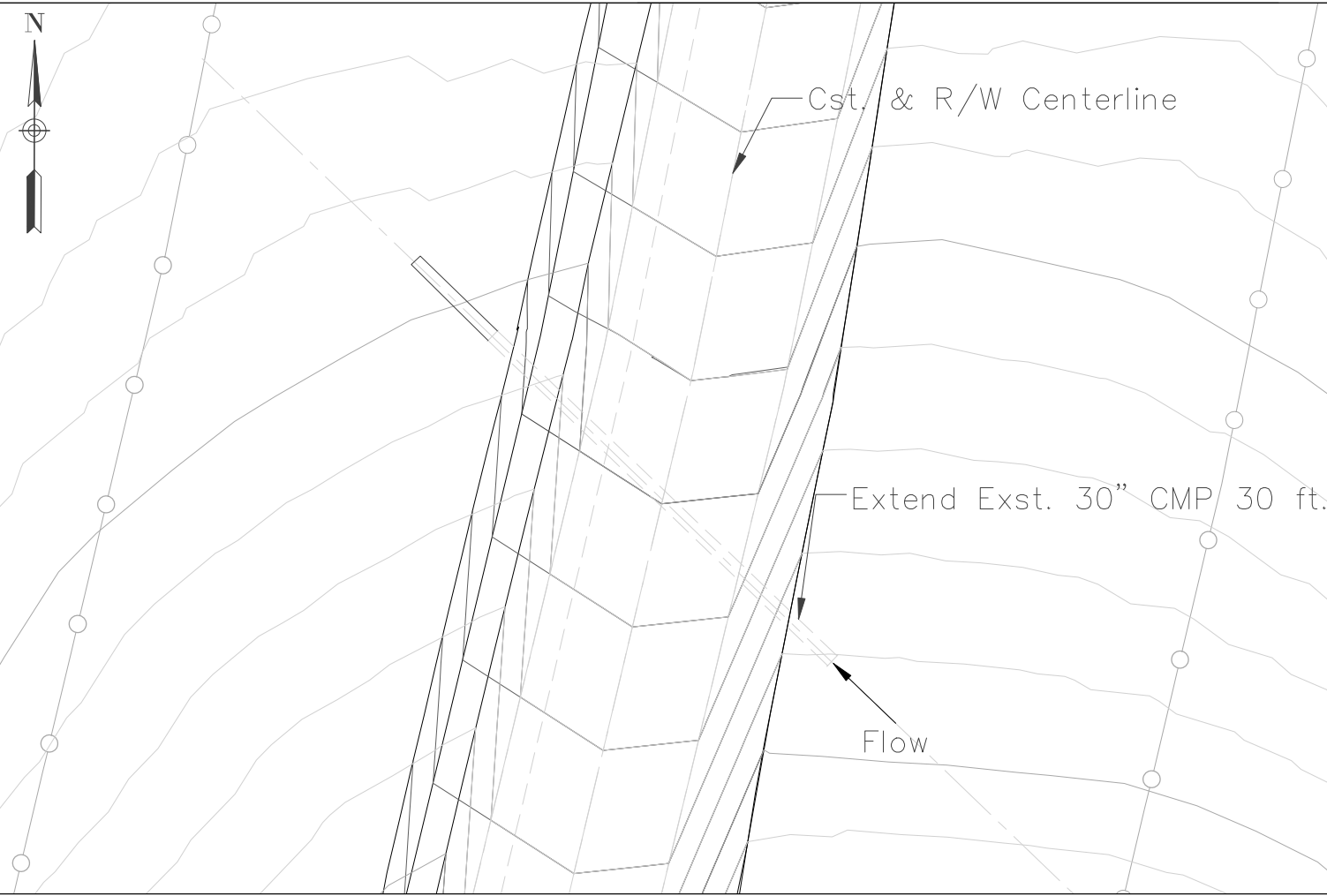
Sta 146+70
 1-24"x61.0' CMP
 Skew 0° Rt



Sta 106+90
 1-4'x8'x54.5' DB Conc. Culvert
 Skew 0° Rt

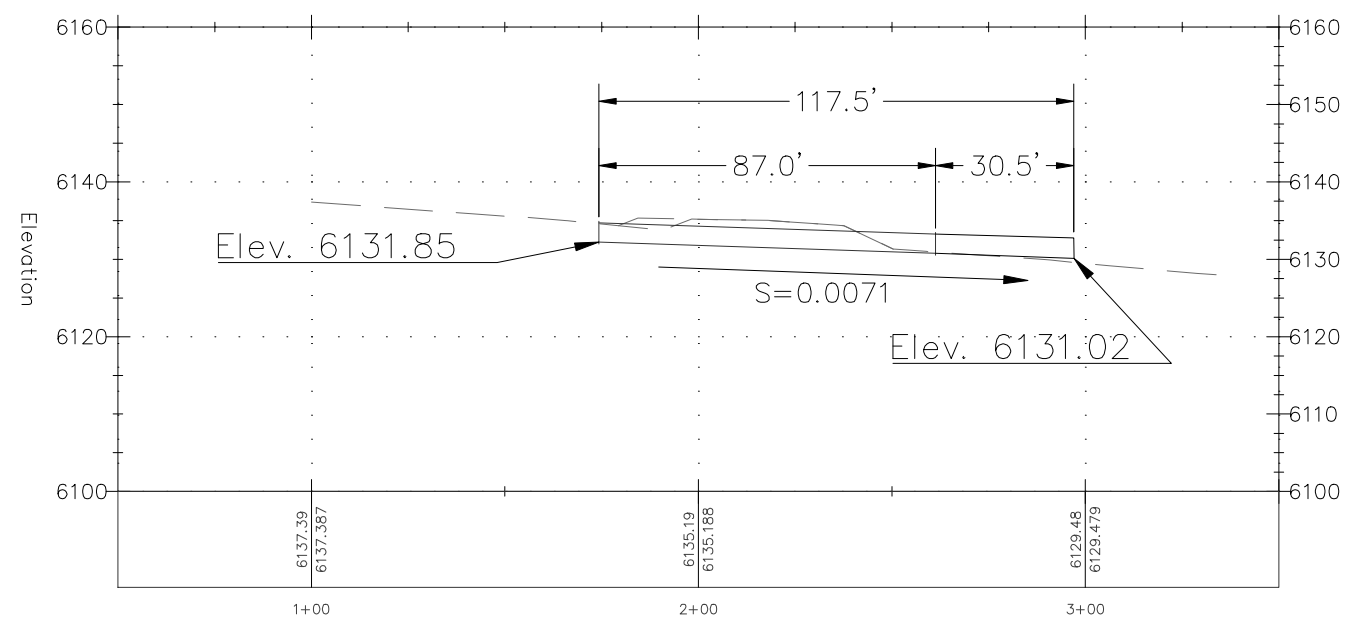
DESIGN APPROVED		ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION ROADWAY GROUP PLANS DETAIL	
APPROVED FOR DISTRIBUTION		PIPE DETAIL SHEET Sta 146+70 & 106+90	
ROUTE SR-64	LOCATION Mile Marker 201-204 SB Passing Lane	SHEET 3 OF 5	
TRACS NO.		6 OF 33	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.		7	33	

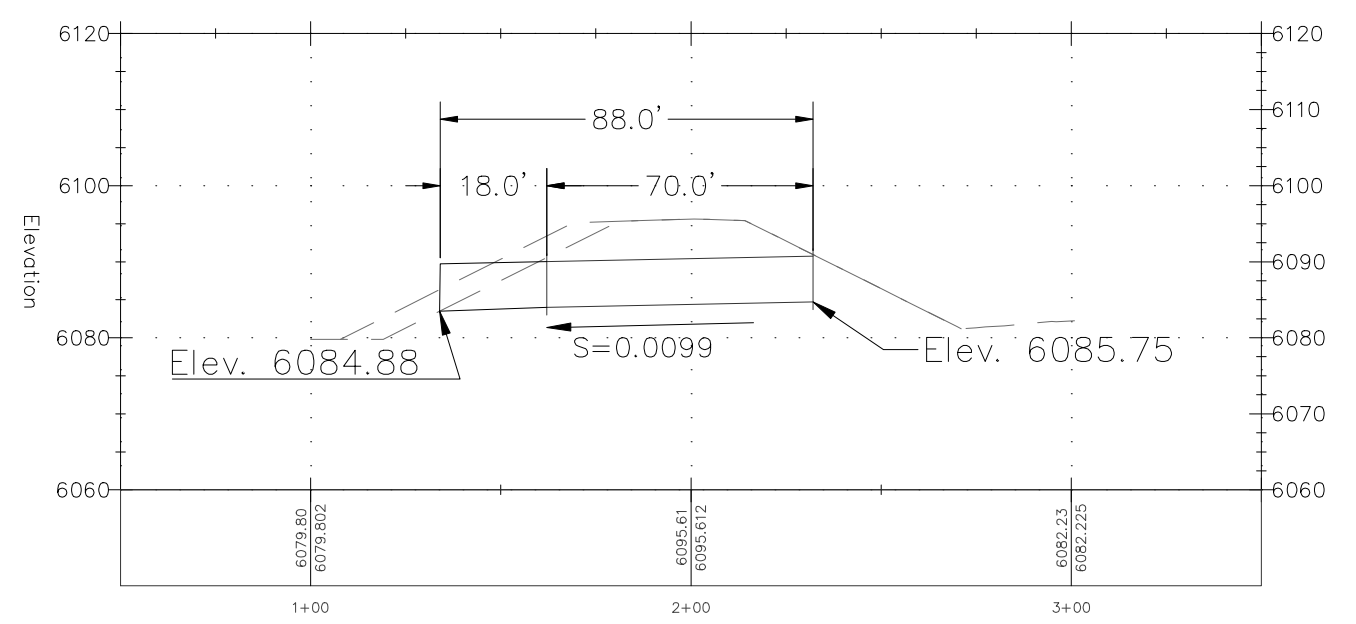


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NO.	DESCRIPTION OF REVISIONS	MADE BY	DATE
1			
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Sta 73+40
1-30"x117.5' CMP
Skew 30° Rt



Sta 63+60
1-6'x10'x88.0' SB Culvert
Skew 0° Rt

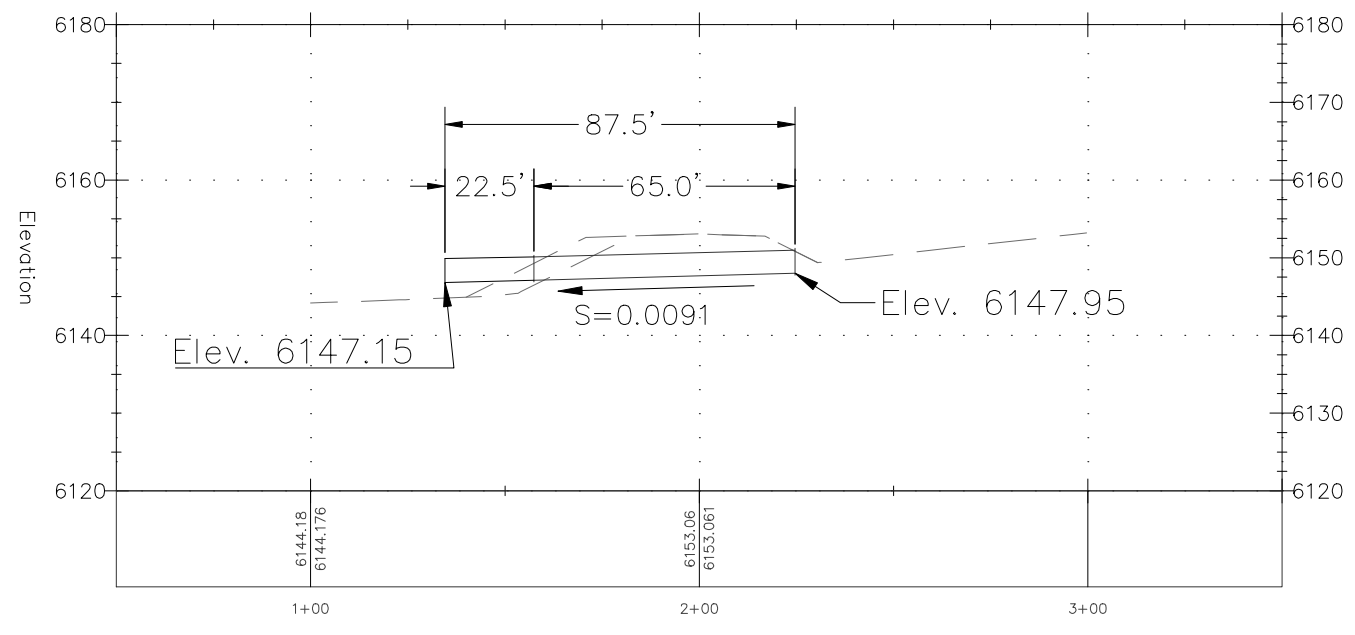
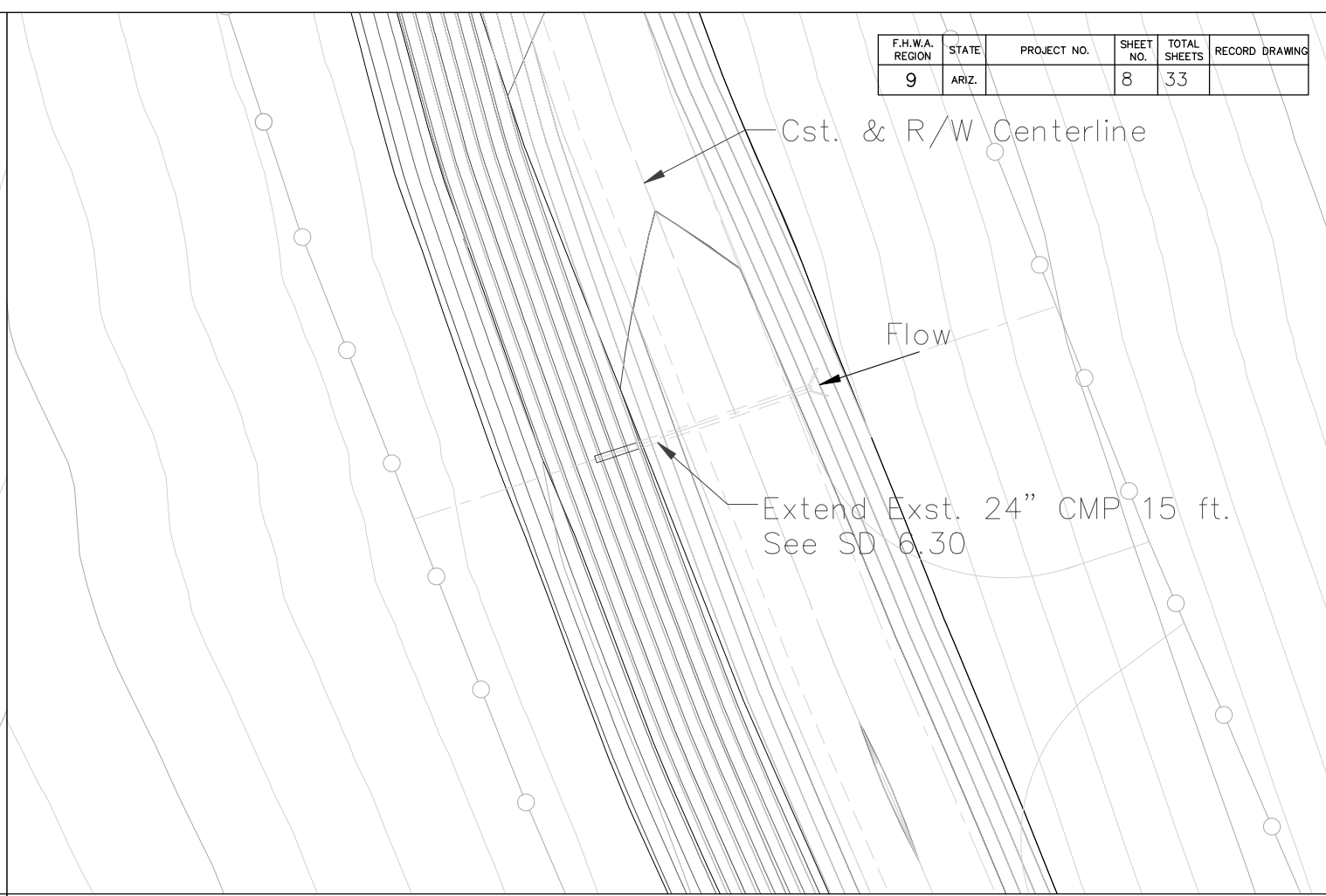
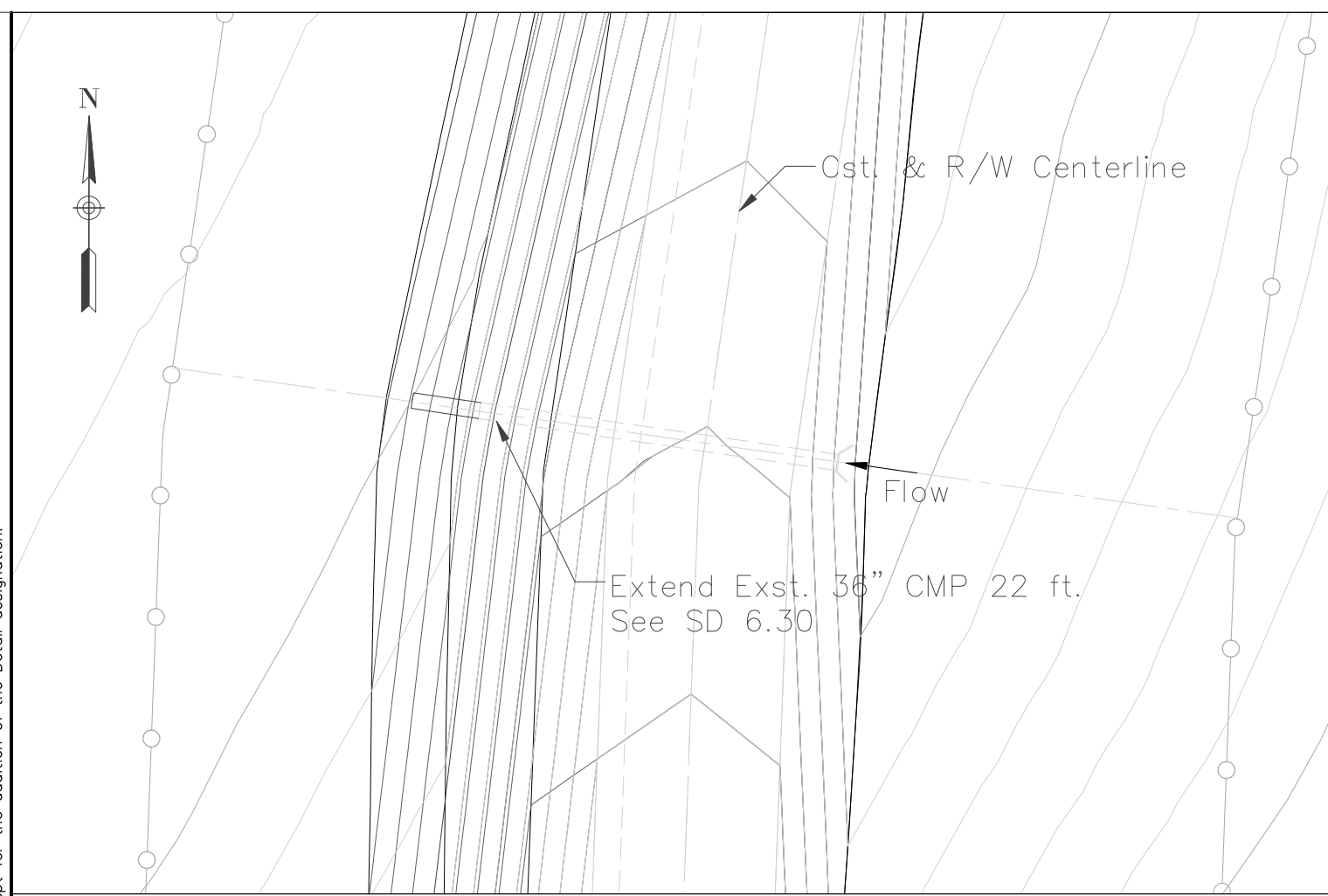
DESIGN APPROVED		ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION ROADWAY GROUP PLANS DETAIL	
APPROVED FOR DISTRIBUTION		PIPE DETAIL SHEET Sta 73+40 & Sta 63+60	
ROUTE	LOCATION	SHEET 4 OF 5	
SR-64	Mile Marker 201-204 SB Passing Lane		
TRACS NO.		7 OF 33	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.		8	33	

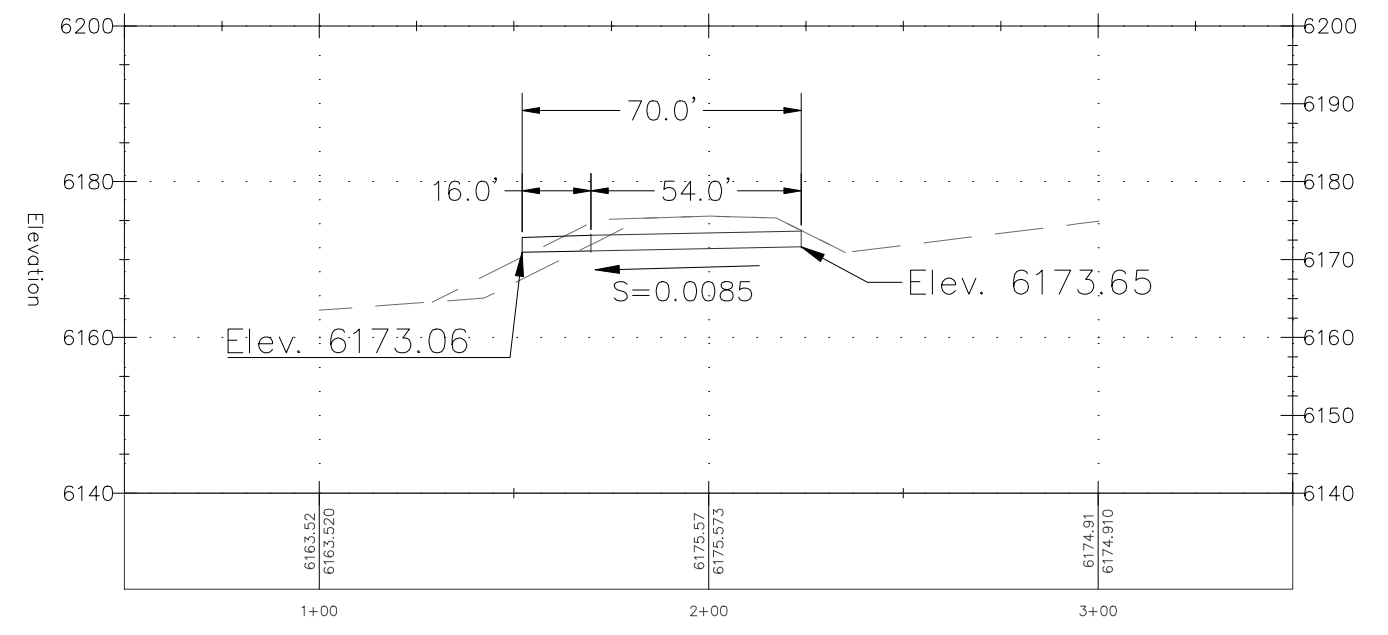


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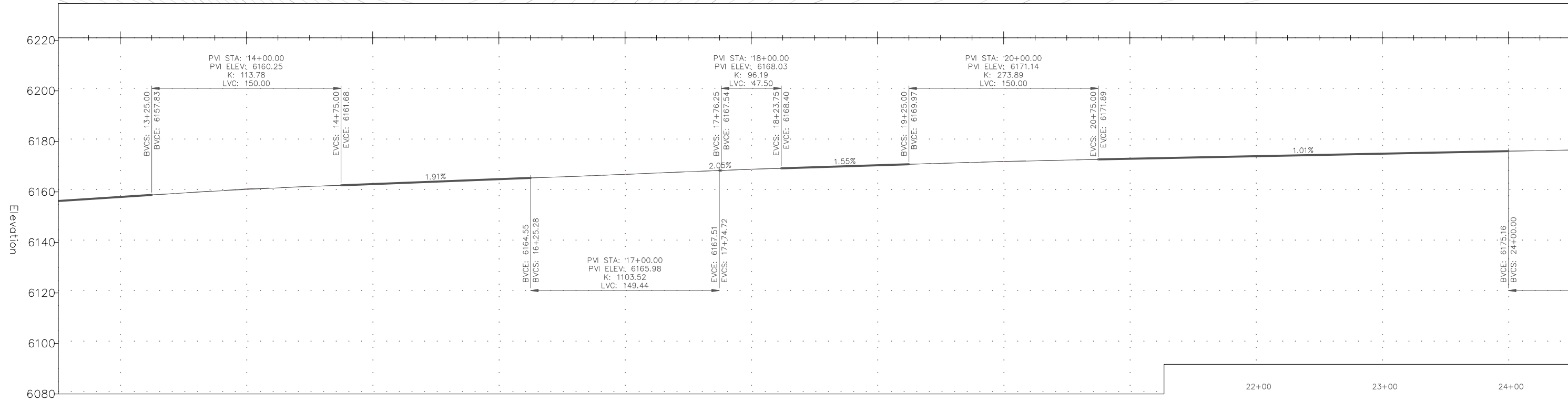
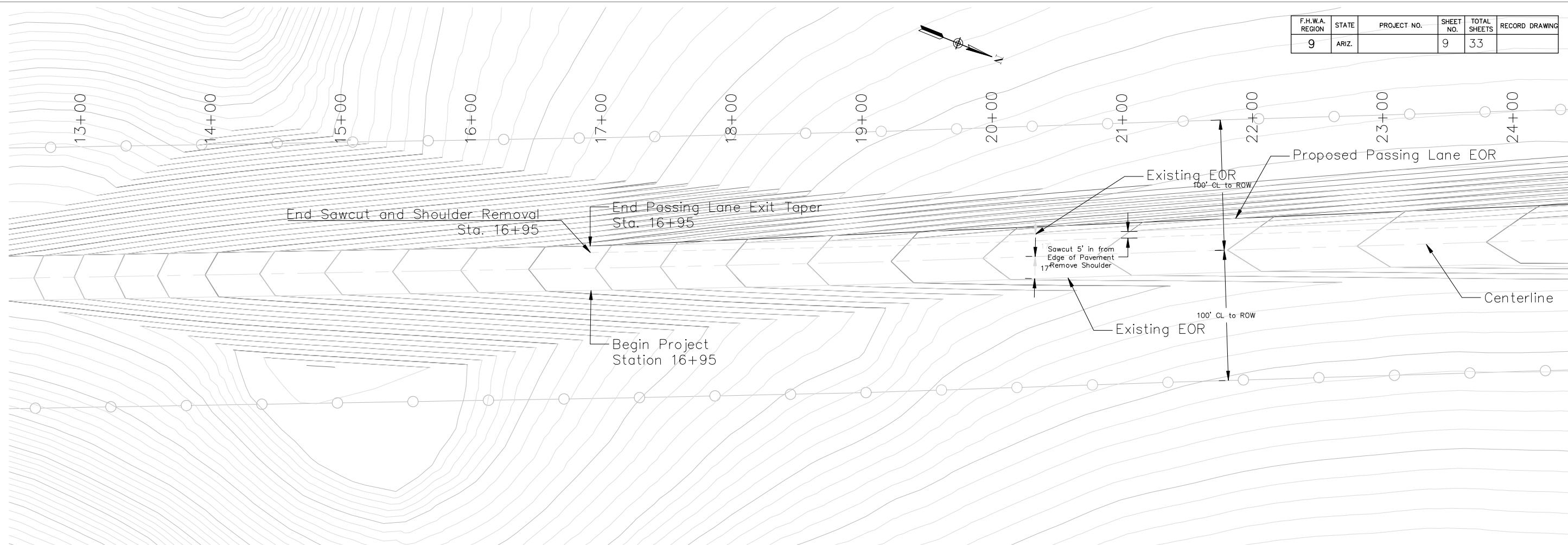
Sta 40+50
 1-36"x87.5' CMP
 Skew 0° Rt



Sta 26+95
 1-24"x70.0' CMP
 Skew 0° Rt

DESIGN APPROVED		ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION ROADWAY GROUP PLANS DETAIL	
APPROVED FOR DISTRIBUTION		PIPE DETAIL SHEET Sta 40+50 & Sta 26+95	
ROUTE	LOCATION	SHEET 5 OF 5	
SR-64	Mile Marker 201-204 SB Passing Lane		
TRACS NO.		8 OF 33	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.		9	33	

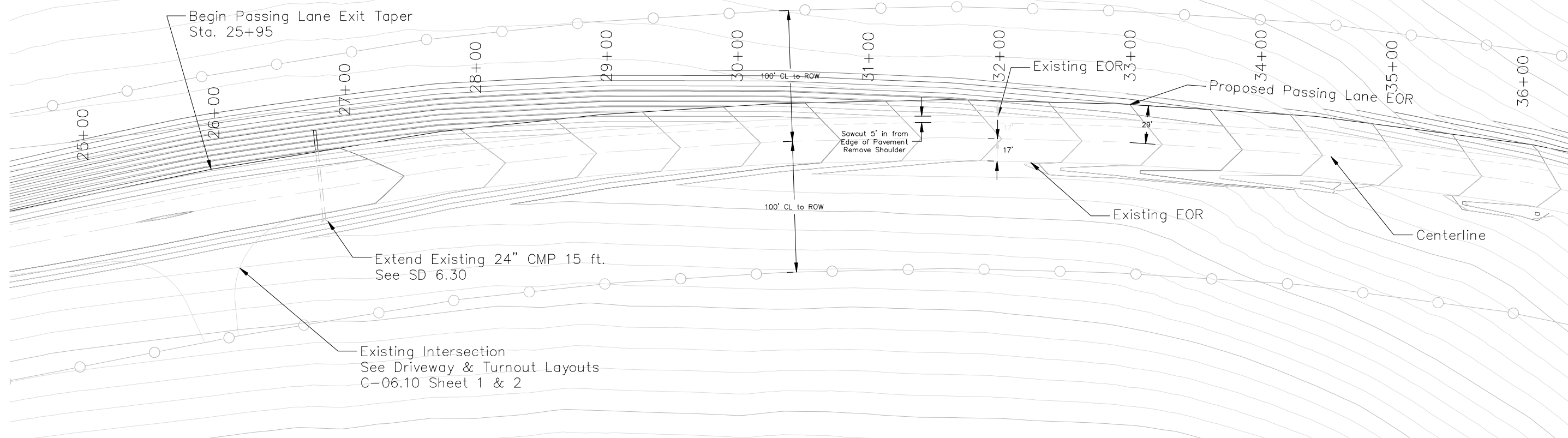


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NO	DESCRIPTION OF REVISIONS	MADE BY	DATE
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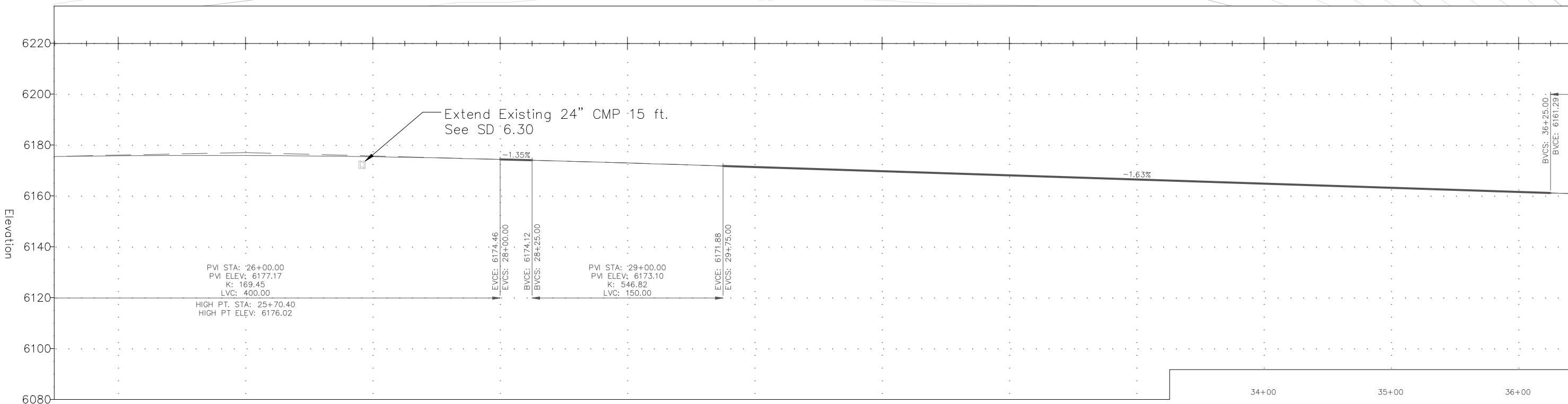
DESIGN APPROVED		ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION ROADWAY GROUP PLANS DETAIL	
APPROVED FOR DISTRIBUTION		PLAN AND PROFILE SHEET STATION 12+50 TO 24+50	
ROUTE SR-64	LOCATION Mile Marker 201-204 SB Passing Lane	SHEET 1	OF 15
TRACS NO.		9 OF 33	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.		10	33	



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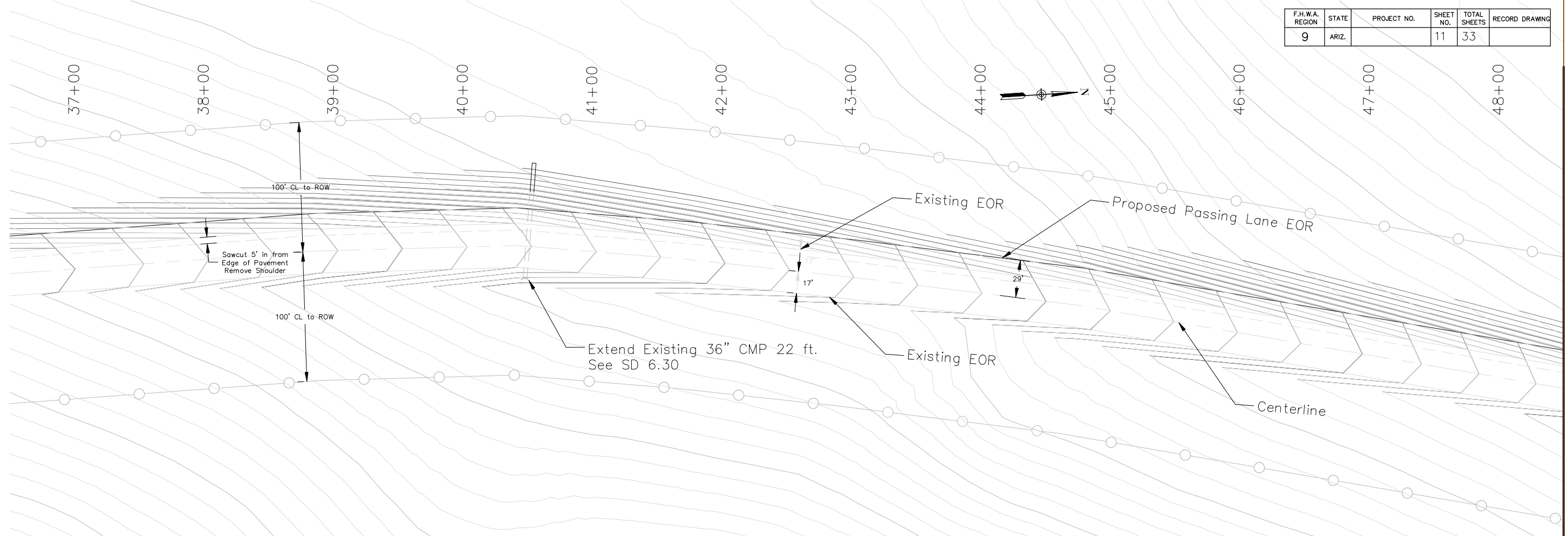
NO	DESCRIPTION OF REVISIONS	MADE BY	DATE
1			
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3			
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34+00	35+00	36+00
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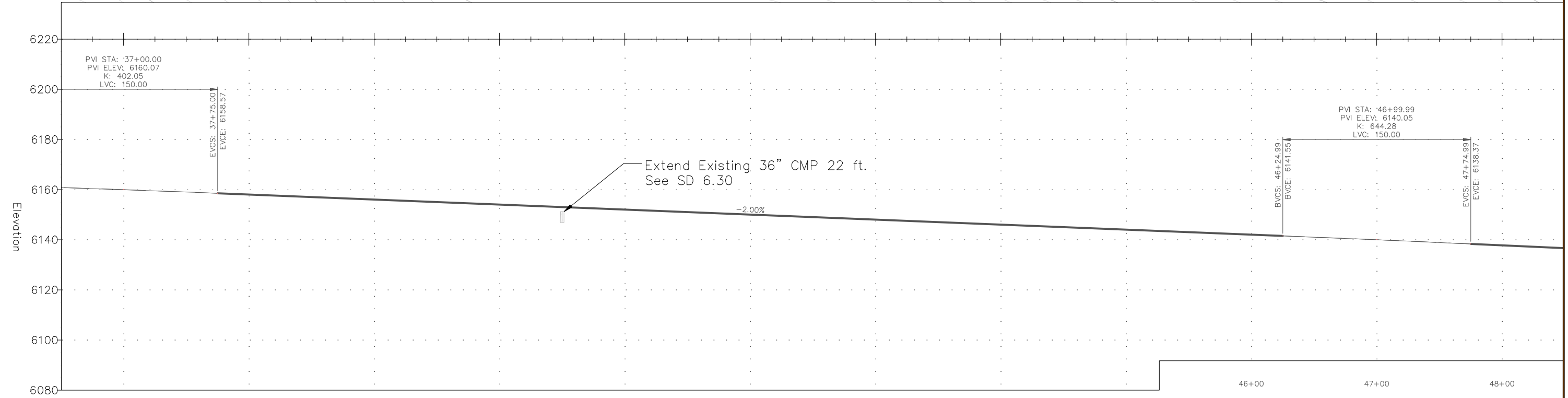
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APPROVED FOR DISTRIBUTION			
PLAN AND PROFILE SHEET		STATION 24+50 to 36+50	
ROUTE	LOCATION	SHEET 2 OF 15	10 OF 33
SR-64	Mile Marker 201-204 SB Passing Lane		
TRACS NO.			

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.		11	33	



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NO.	DESCRIPTION OF REVISIONS	MADE BY	DATE
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3			
4			

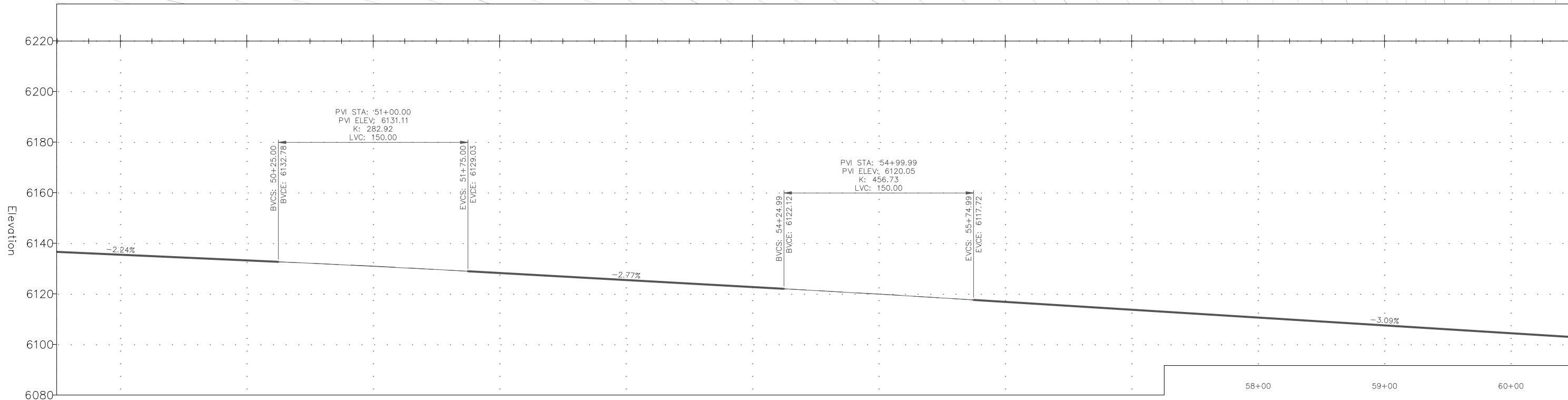
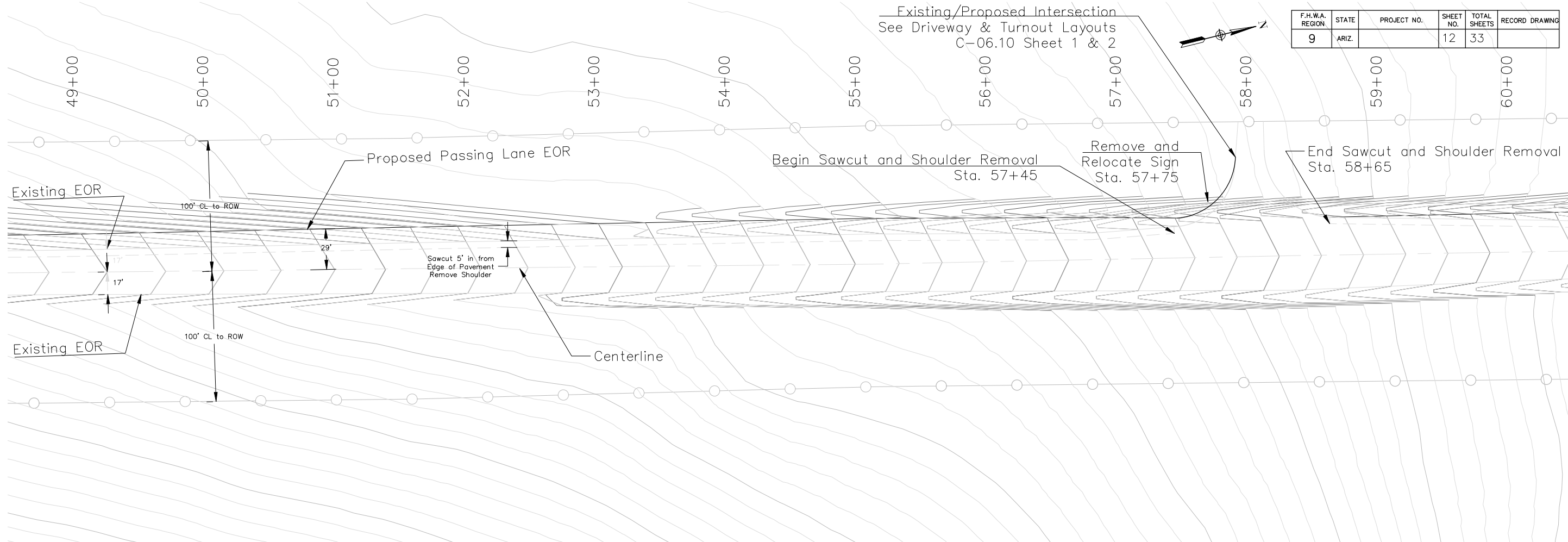


DESIGN APPROVED		ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION ROADWAY GROUP PLANS DETAIL	
APPROVED FOR DISTRIBUTION		PLAN AND PROFILE SHEET STATION 36+50 to 48+50	
ROUTE SR-64	LOCATION Mile Marker 201-204 SB Passing Lane	SHEET 3 OF 15	
TRACS NO.		11 OF 33	

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F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.		12	33	

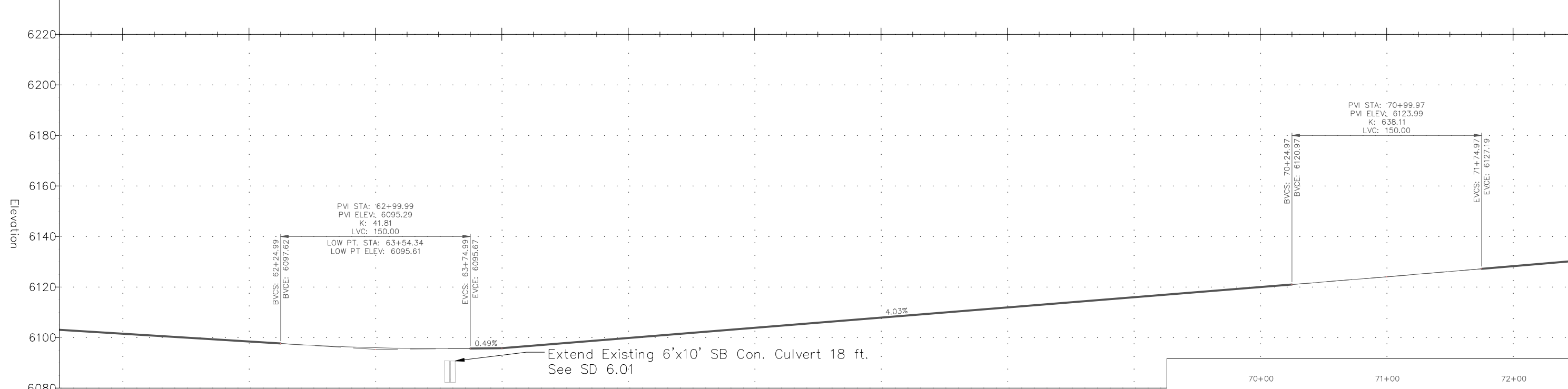
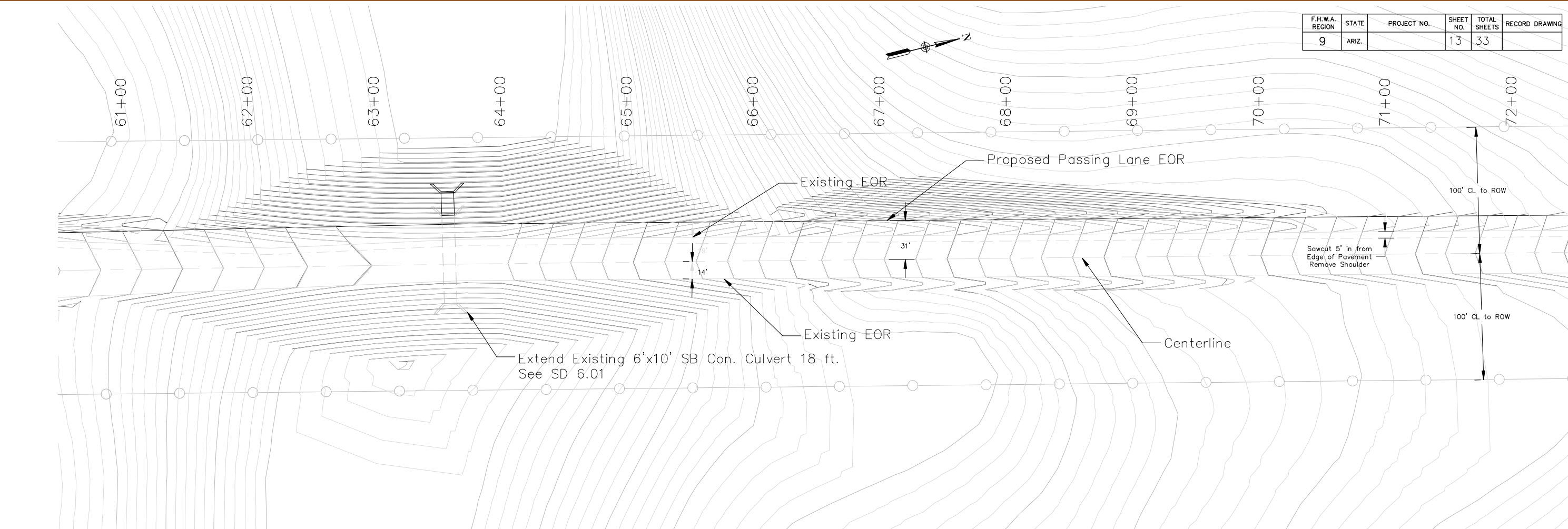


DESIGN APPROVED		ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION ROADWAY GROUP PLANS DETAIL	
APPROVED FOR DISTRIBUTION		PLAN AND PROFILE SHEET STATION 48+50 TO 60+50	
ROUTE SR-64	LOCATION Mile Marker 201-204 SB Passing Lane	SHEET 4 OF 15	
TRACS NO.		12 OF 33	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.		13	33	

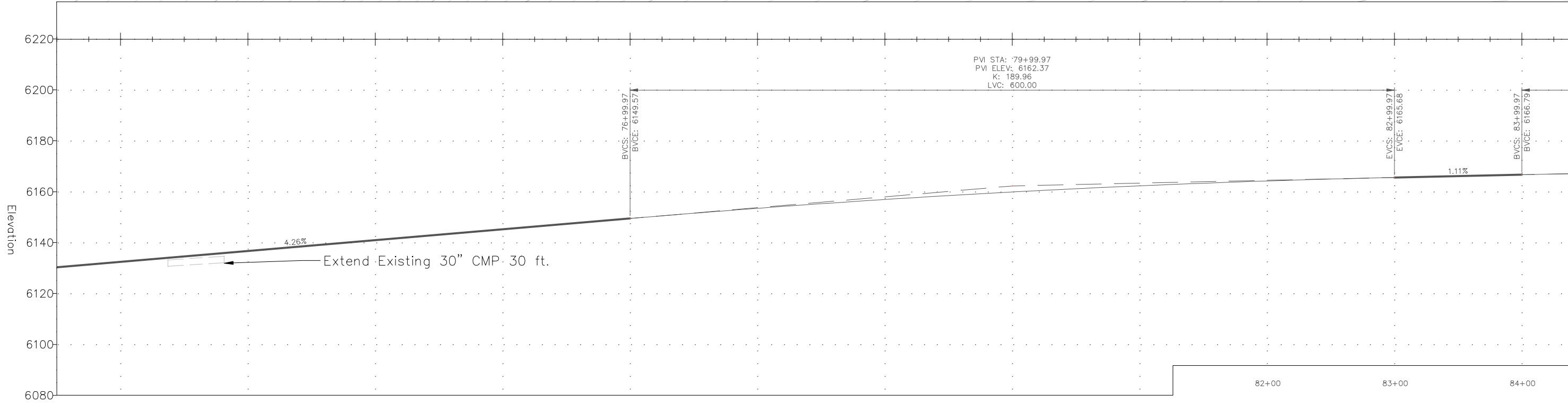
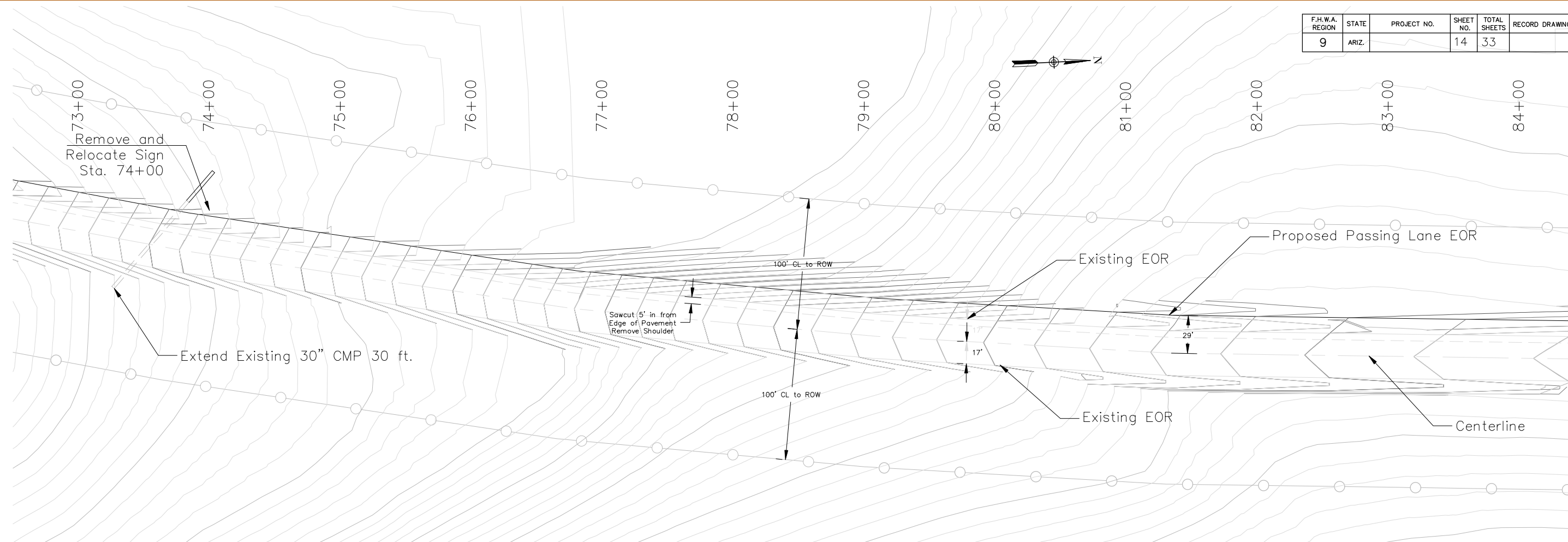
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NO	DESCRIPTION OF REVISIONS	MADE BY	DATE
1			
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DESIGN APPROVED	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION	
APPROVED FOR DISTRIBUTION	PLAN AND PROFILE SHEET	
	STATION 60+50 TO 72+50	
ROUTE	LOCATION	SHEET 5 OF 15
SR-64	Mile Marker 201-204 SB Passing Lane	
TRACS NO.		13 OF 33

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.		14	33	

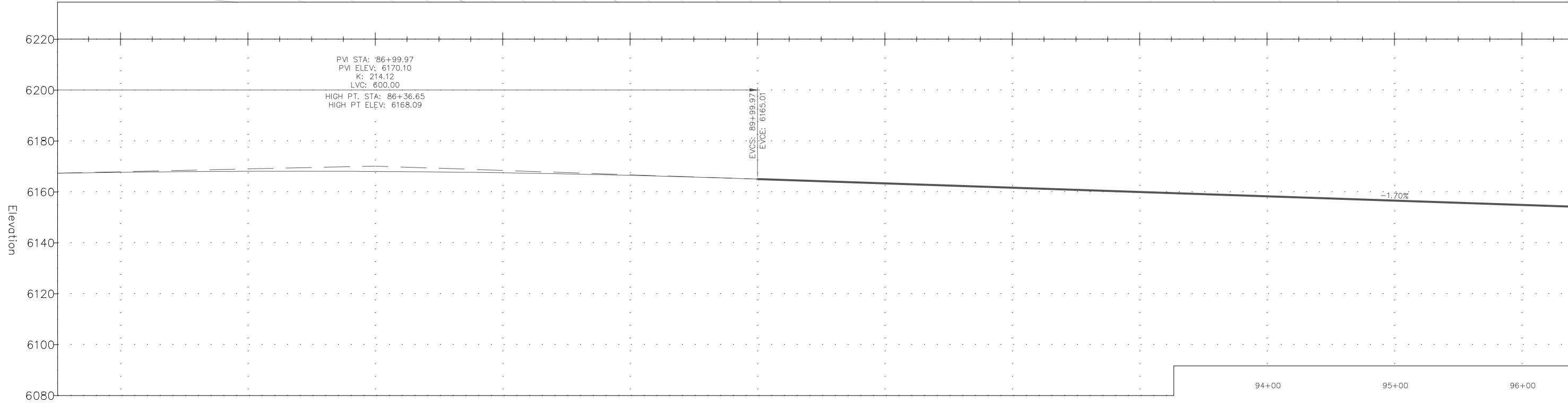
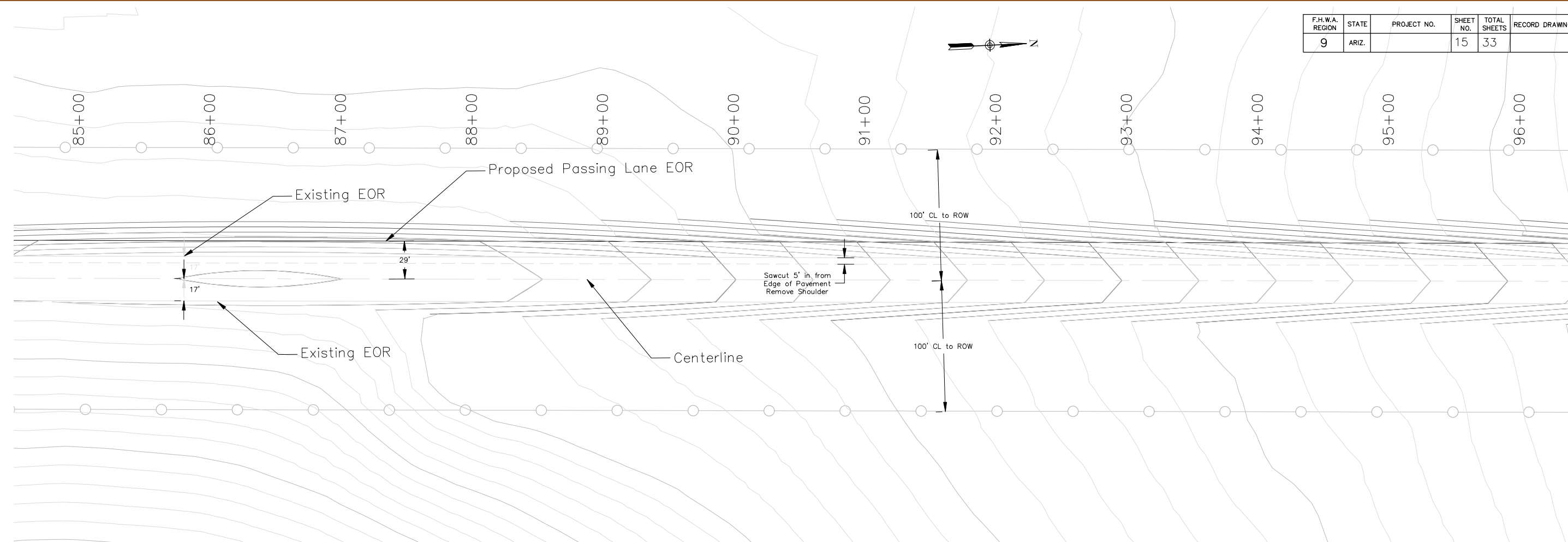


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APPROVED FOR DISTRIBUTION		PLAN AND PROFILE SHEET STATION 72+50 TO 84+50	
ROUTE SR-64	LOCATION Mile Marker 201-204 SB Passing Lane	SHEET 6 OF 15	
TRACS NO.		14 OF 33	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.		15	33	

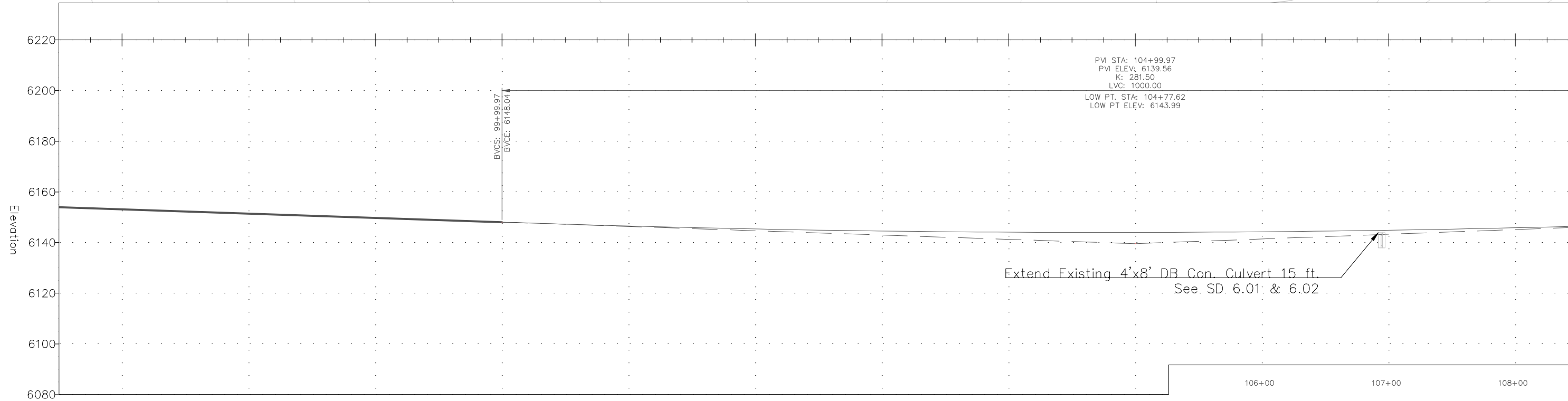
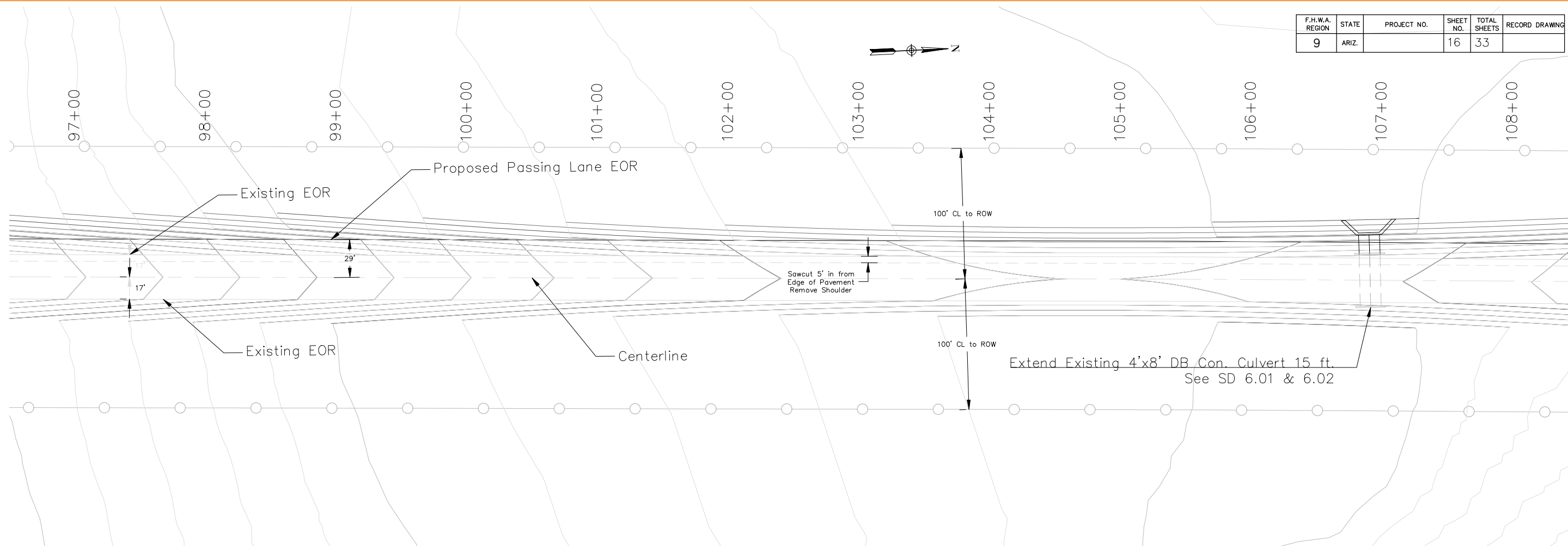


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NO	DESCRIPTION OF REVISIONS	MADE BY	DATE
1			
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4			

DESIGN APPROVED		ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION ROADWAY GROUP PLANS DETAIL	
APPROVED FOR DISTRIBUTION		PLAN AND PROFILE SHEET STATION 84+50 to 96+50	
ROUTE SR-64	LOCATION Mile Marker 201-204 SB Passing Lane	SHEET 7 OF 15	
TRACS NO.		15 OF 33	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.		16	33	

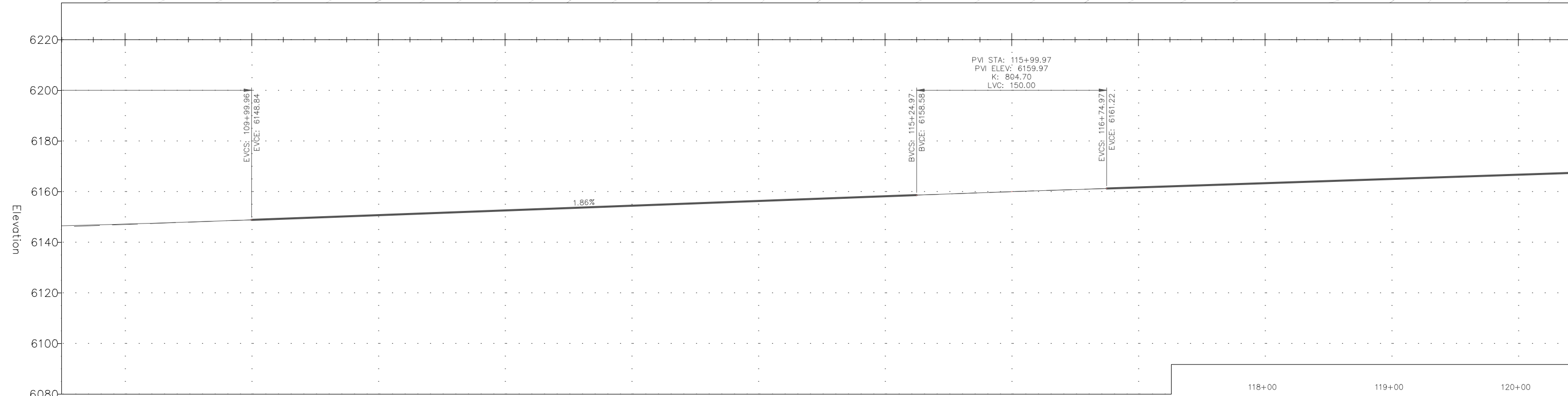
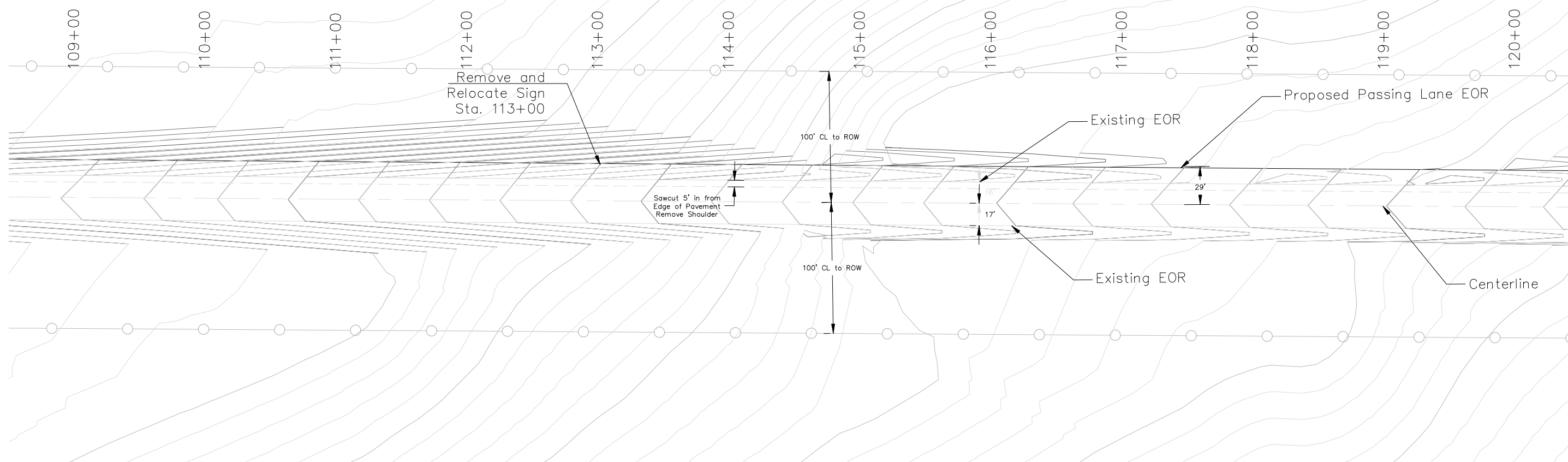


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NO	DESCRIPTION OF REVISIONS	MADE BY	DATE
1			
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106+00		107+00	108+00
DESIGN APPROVED		ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION ROADWAY GROUP PLANS DETAIL	
APPROVED FOR DISTRIBUTION		PLAN AND PROFILE SHEET STATION 96+50 to 108+50	
ROUTE SR-64	LOCATION Mile Marker 201-204 SB Passing Lane	SHEET 8 OF 15	
TRACS NO.		16 OF 33	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.		17	33	



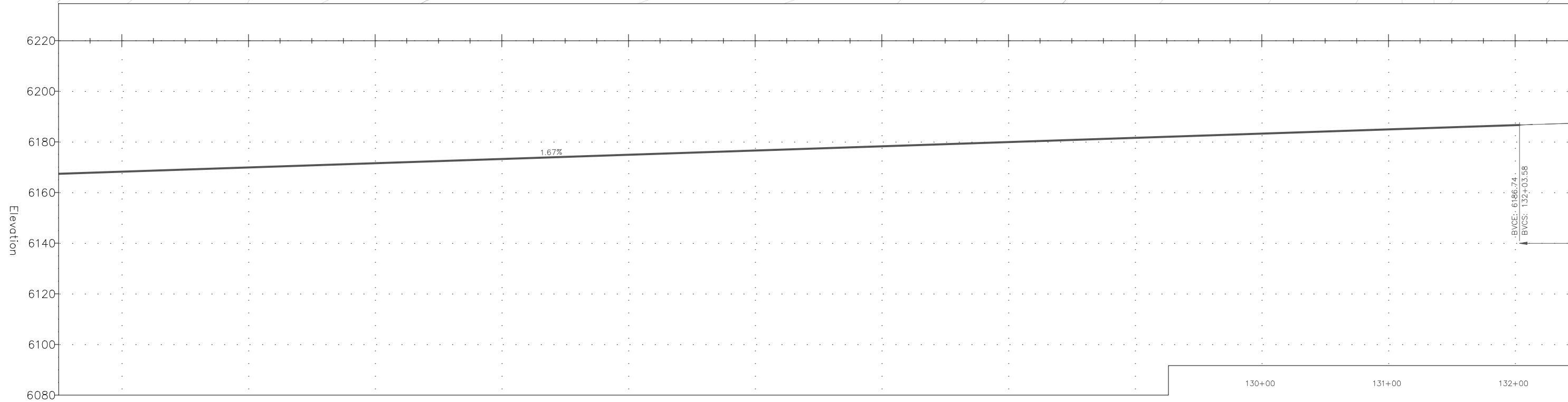
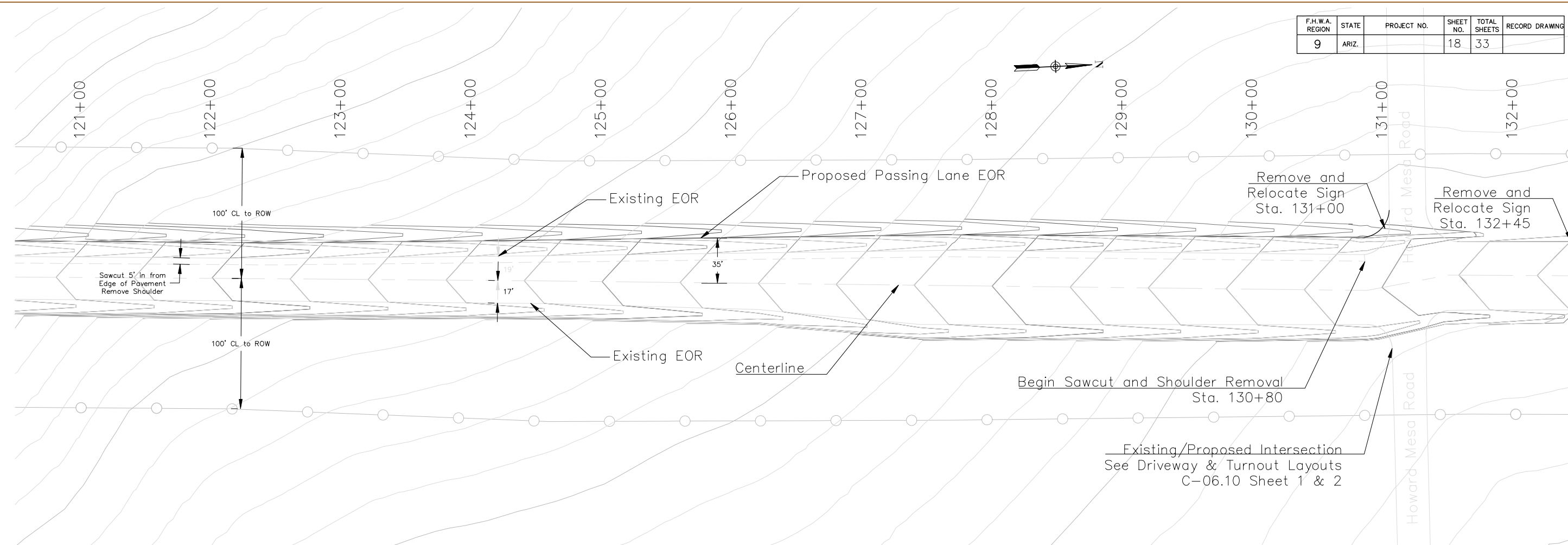
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NO	DESCRIPTION OF REVISIONS	MADE BY	DATE
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DESIGN APPROVED		APPROVED FOR DISTRIBUTION	
ROUTE		LOCATION	
SR-64		Mile Marker 201-204 SB Passing Lane	
TRACS NO.		SHEET 9 OF 15	
		17 OF 33	

ARIZONA DEPARTMENT OF TRANSPORTATION
 INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
 ROADWAY GROUP PLANS DETAIL
 PLAN AND PROFILE SHEET
 STATION 108+50 to 120+50

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.		18	33	

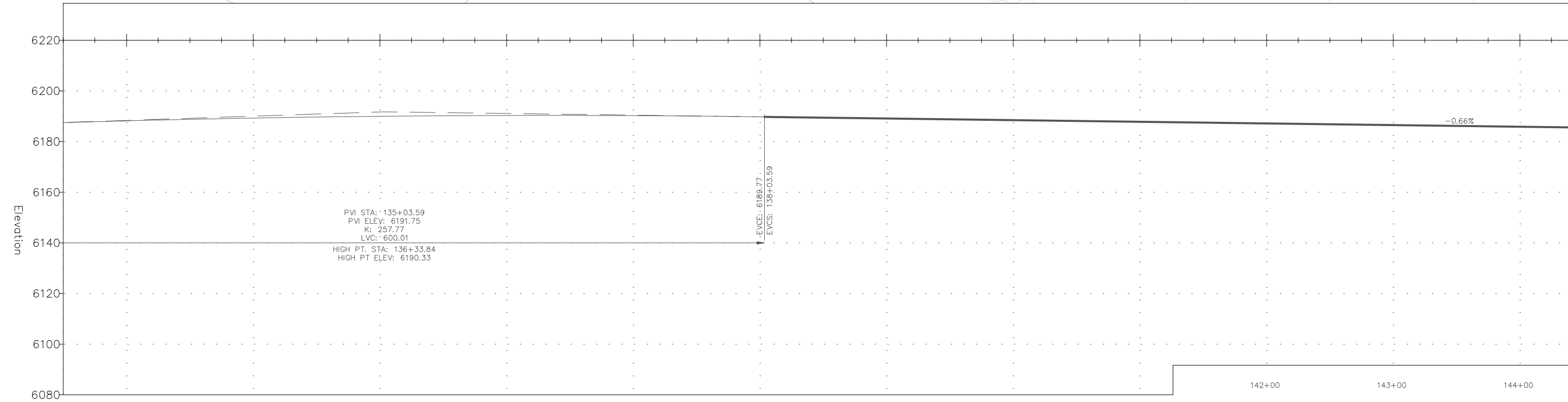
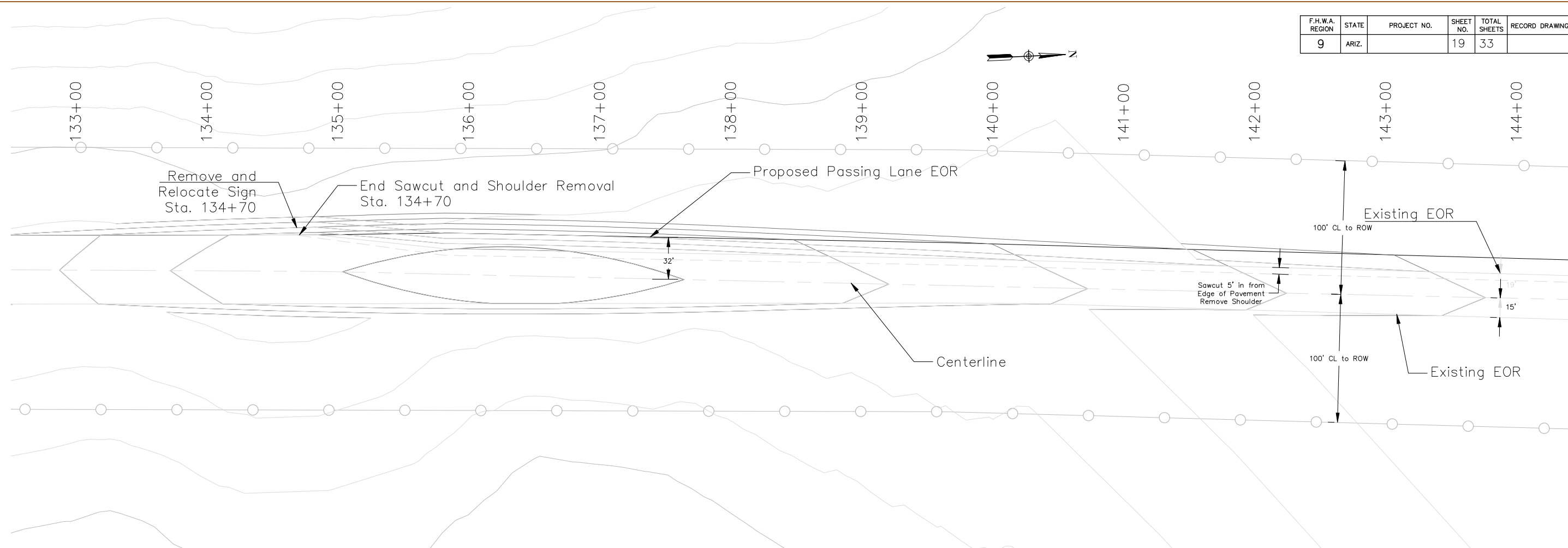


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NO	DESCRIPTION OF REVISIONS	MADE BY	DATE
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DESIGN APPROVED		ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION ROADWAY GROUP PLANS DETAIL
APPROVED FOR DISTRIBUTION		
PLAN AND PROFILE SHEET		STATION 120+50 to 132+50
ROUTE	LOCATION	
SR-64	Mile Marker 201-204 SB Passing Lane	SHEET 10 OF 15
TRACS NO.		18 OF 33

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.		19	33	

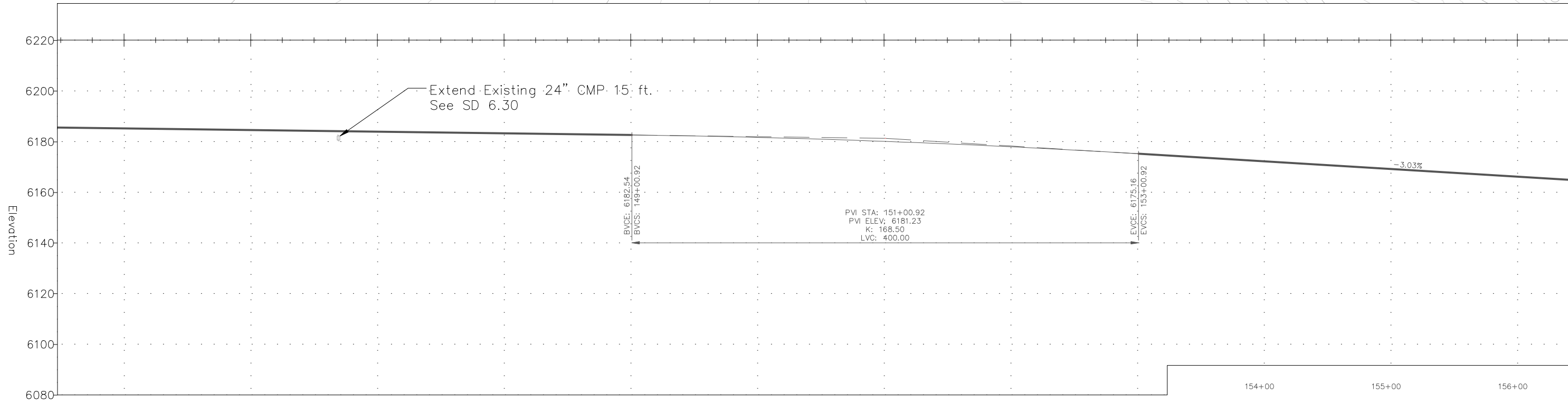


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DESIGN APPROVED		ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION ROADWAY GROUP PLANS DETAIL	
APPROVED FOR DISTRIBUTION		PLAN AND PROFILE SHEET STATION 132+50 to 144+50	
ROUTE SR-64	LOCATION Mile Marker 201-204 SB Passing Lane	SHEET 11 OF 15	
TRACS NO.		19 OF 33	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.		20	33	

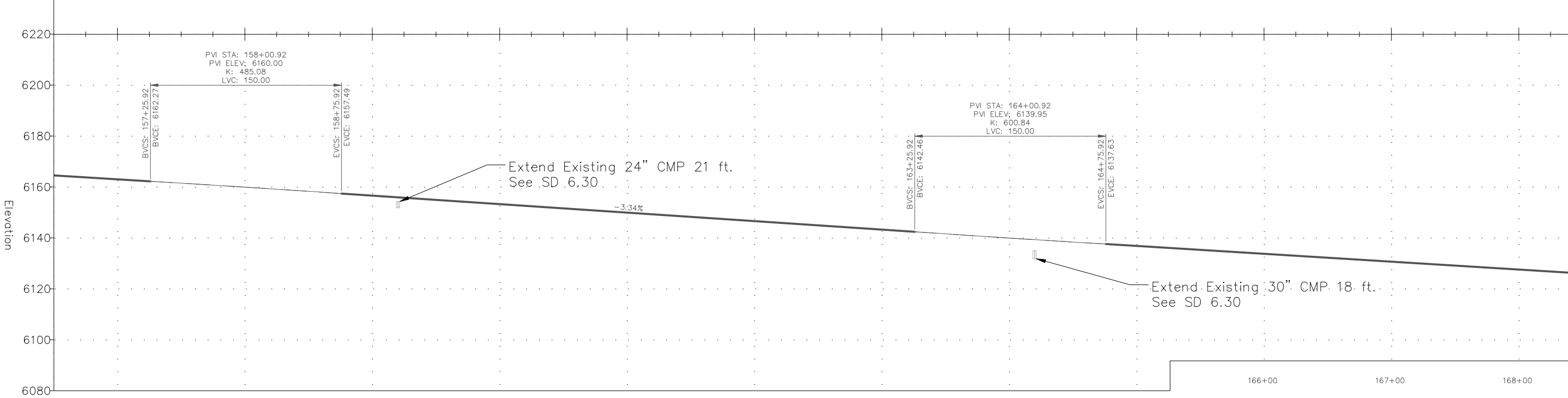
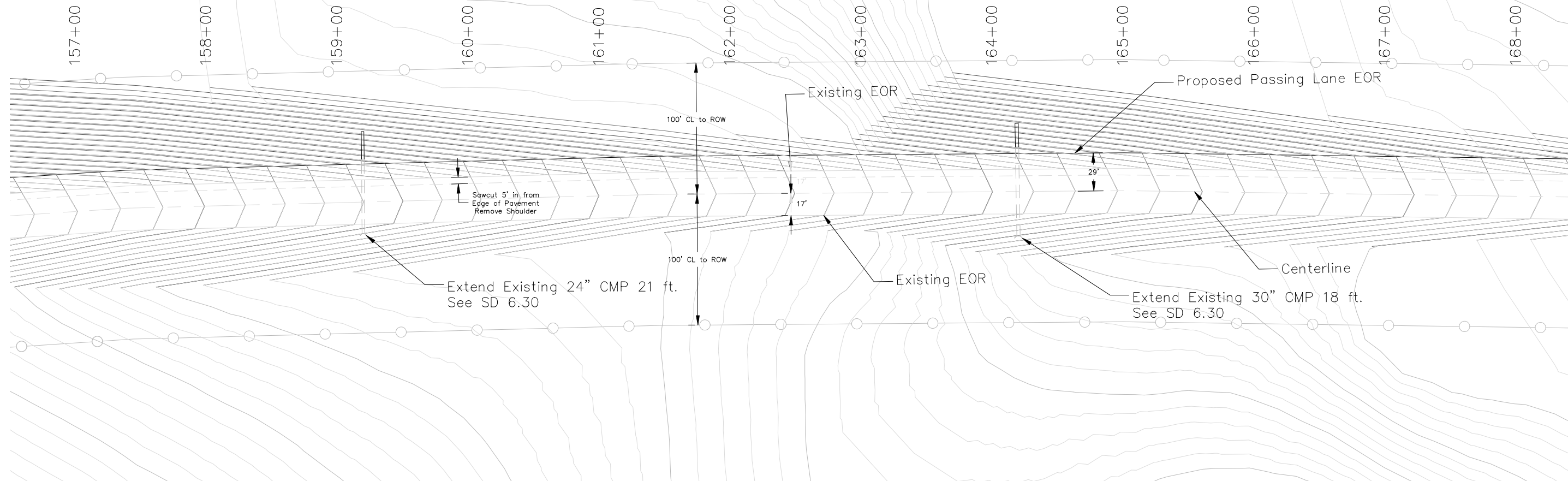


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NO	DESCRIPTION OF REVISIONS	MADE BY	DATE
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DESIGN APPROVED		ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION ROADWAY GROUP PLANS DETAIL	
APPROVED FOR DISTRIBUTION		PLAN AND PROFILE SHEET STATION 144+50 to 156+50	
ROUTE SR-64	LOCATION Mile Marker 201-204 SB Passing Lane	SHEET 12 OF 15	
TRACS NO.		20 OF 33	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.		21	33	

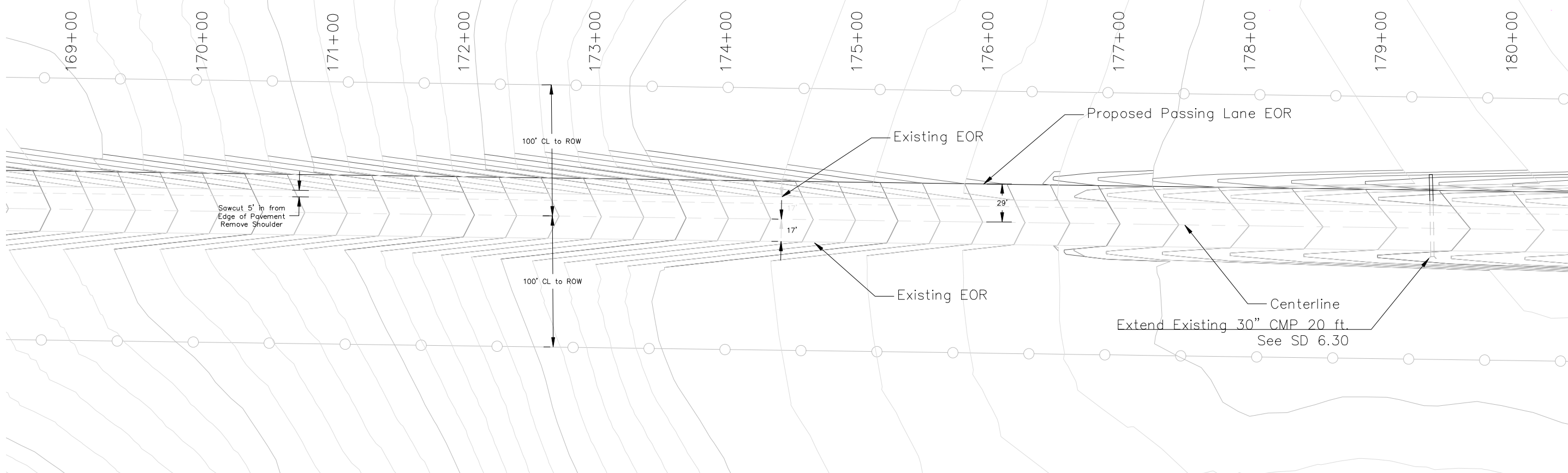


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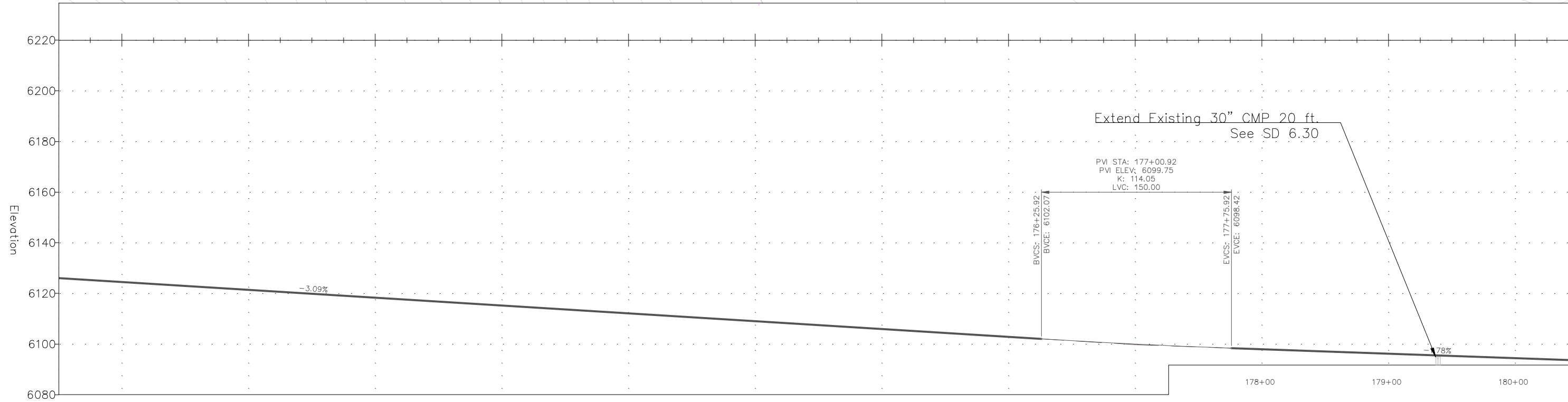
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APPROVED FOR DISTRIBUTION		PLAN AND PROFILE SHEET STATION 156+50 to 168+50	
ROUTE SR-64	LOCATION Mile Marker 201-204 SB Passing Lane	SHEET 13 OF 15	
TRACS NO.		21 OF 33	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.		22	33	



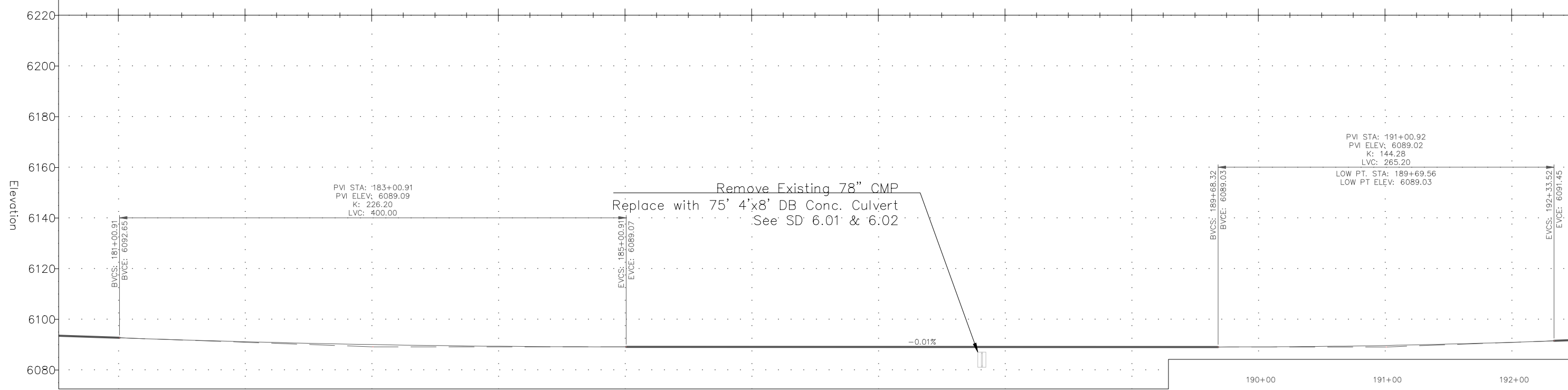
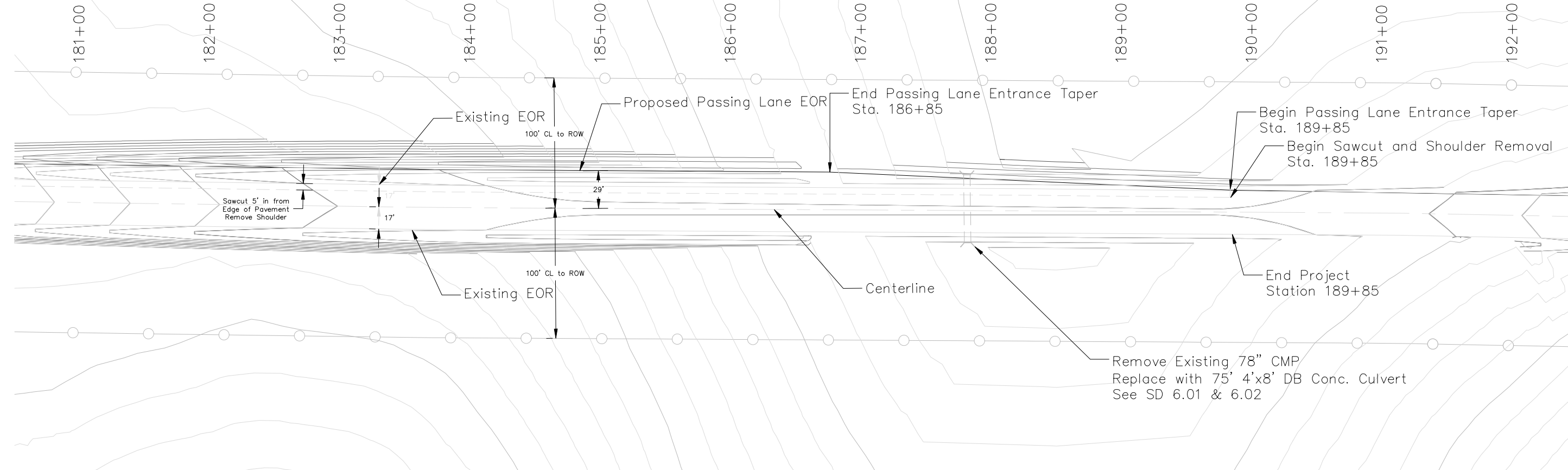
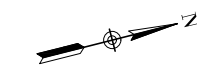
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DESIGN APPROVED		ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION ROADWAY GROUP PLANS DETAIL	
APPROVED FOR DISTRIBUTION		PLAN AND PROFILE SHEET STATION 168+50 to 180+50	
ROUTE SR-64	LOCATION Mile Marker 201-204 SB Passing Lane	SHEET 14 OF 15	
TRACS NO.		22 OF 33	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.		23	33	



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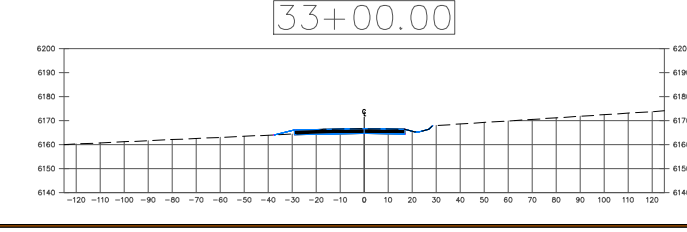
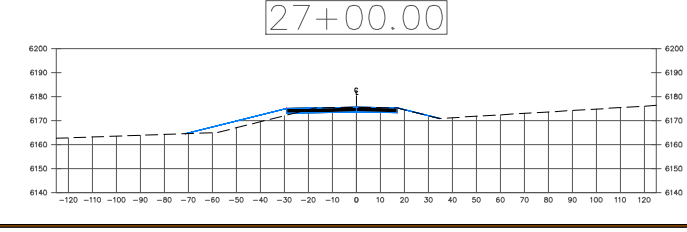
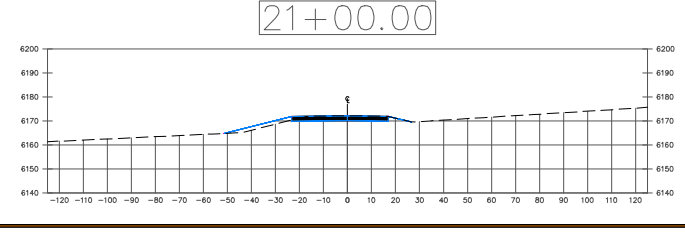
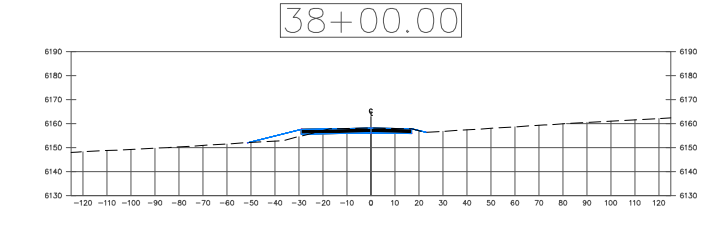
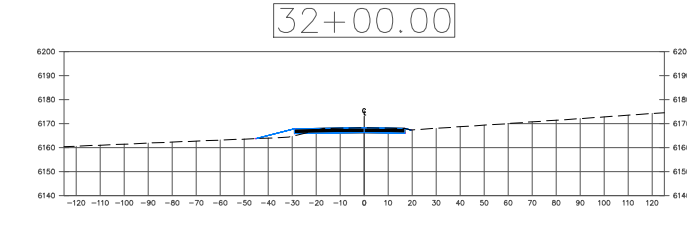
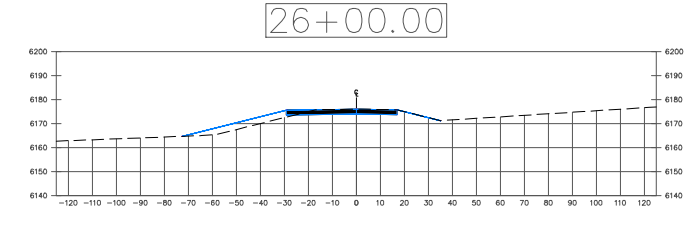
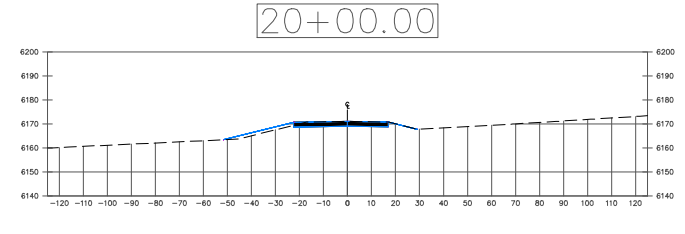
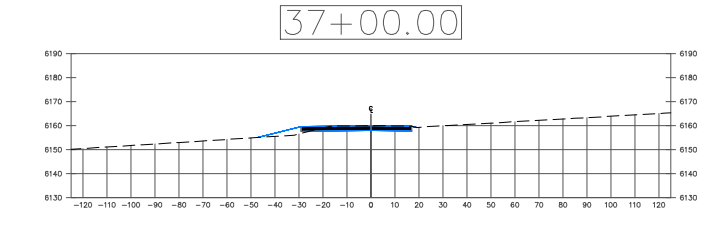
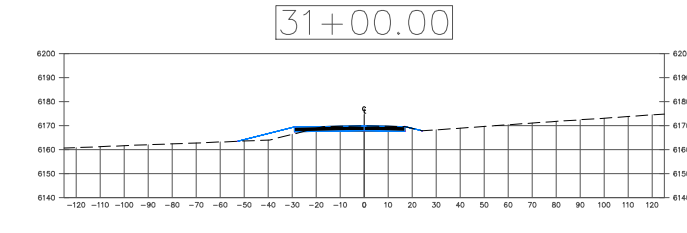
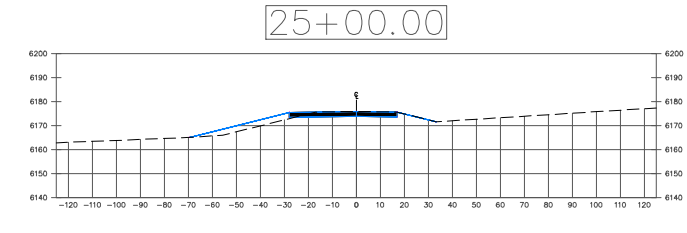
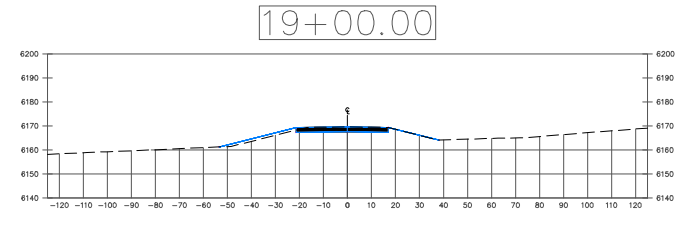
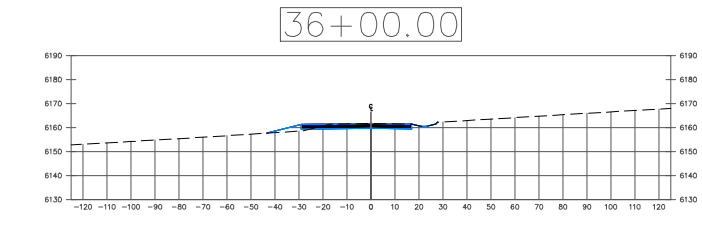
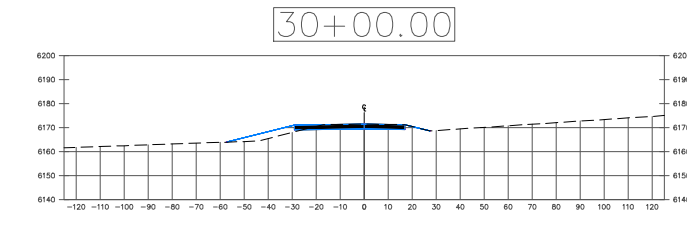
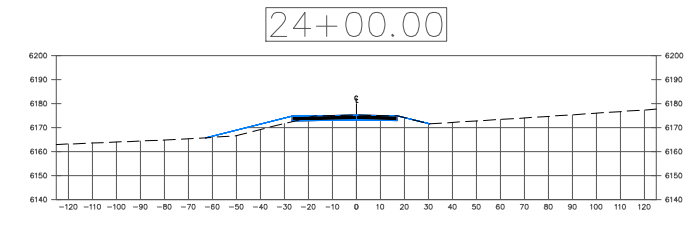
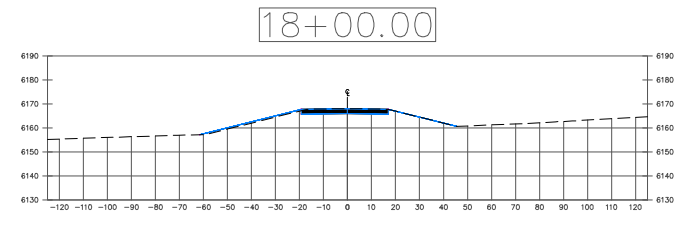
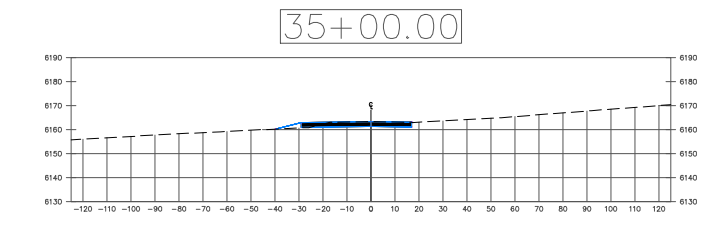
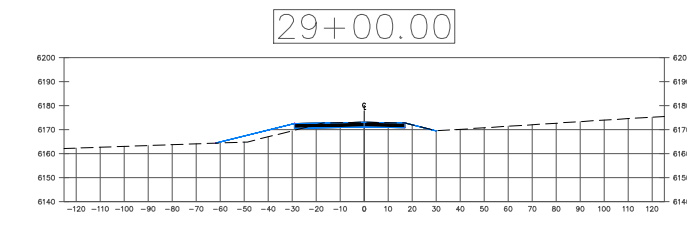
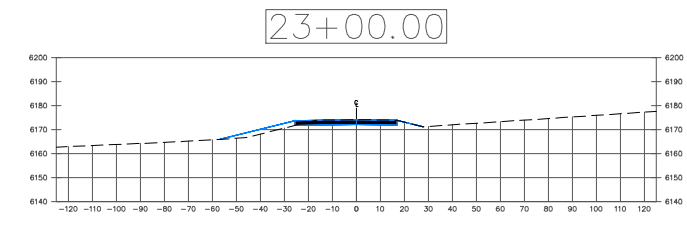
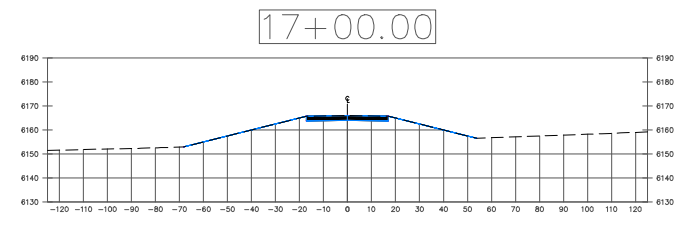
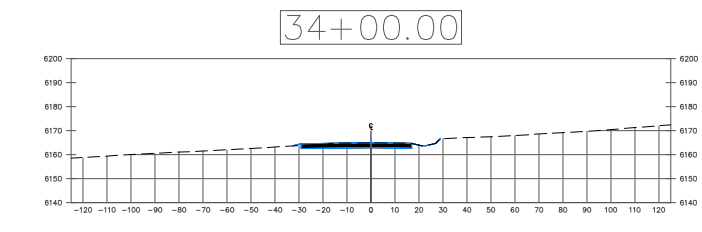
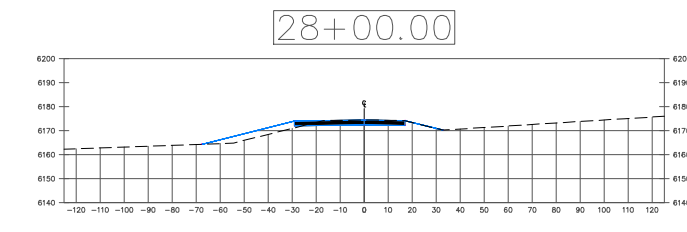
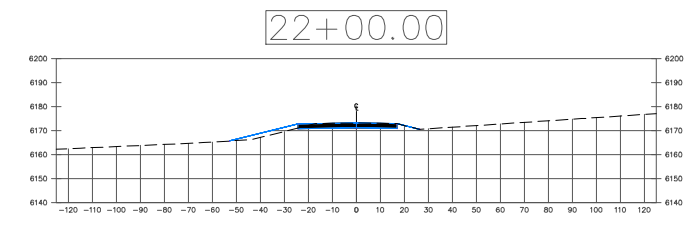
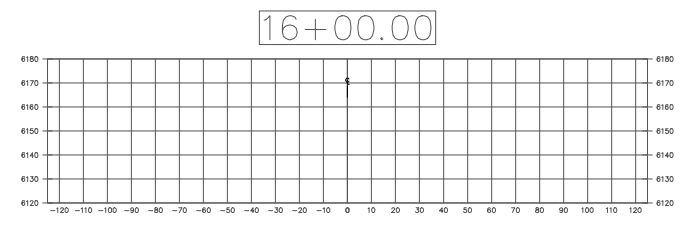
NO	DESCRIPTION OF REVISIONS	MADE BY	DATE
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DESIGN APPROVED		ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION ROADWAY GROUP PLANS DETAIL
APPROVED FOR DISTRIBUTION		
PLAN AND PROFILE SHEET		
STATION 180+50 TO 192+50		
ROUTE	LOCATION	SHEET 15 OF 15
SR-64	Mile Marker 201-204 SB Passing Lane	
TRACS NO.		23 OF 33

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.		24	33	

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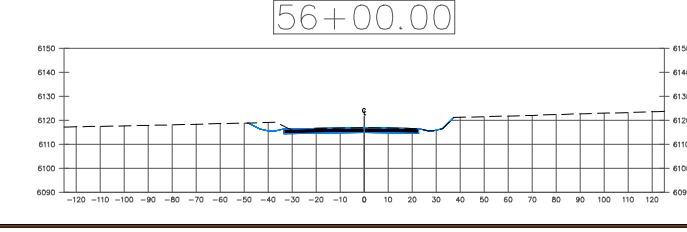
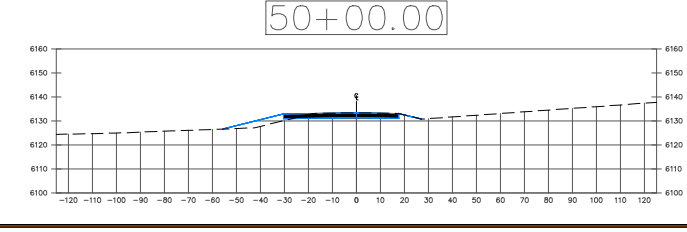
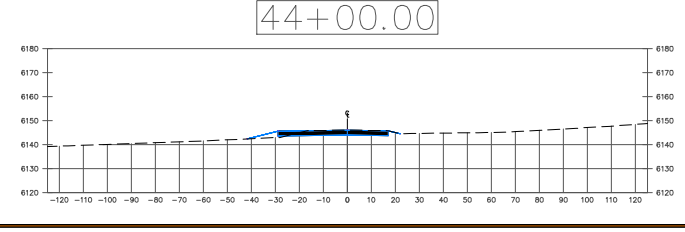
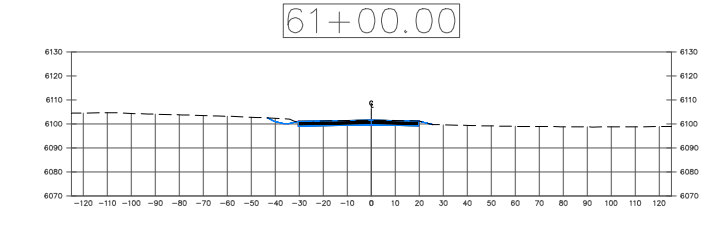
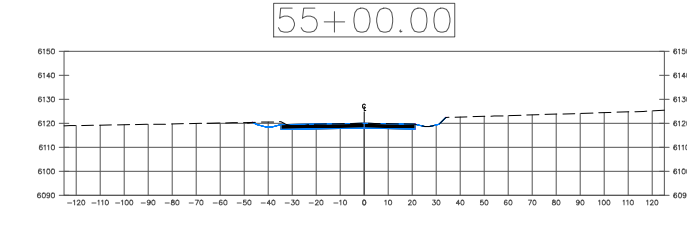
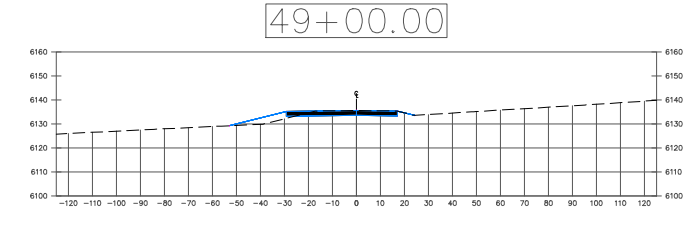
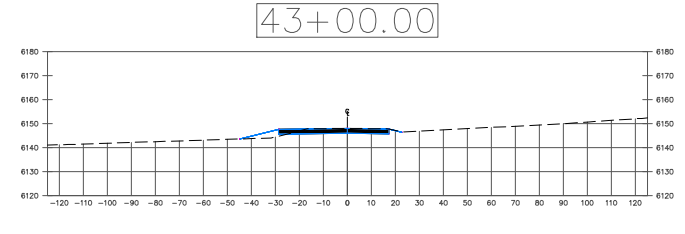
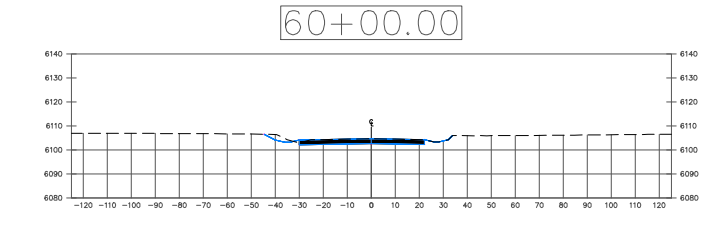
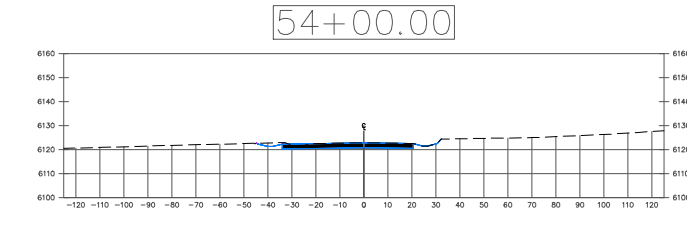
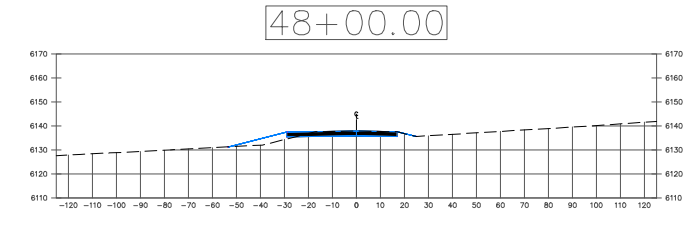
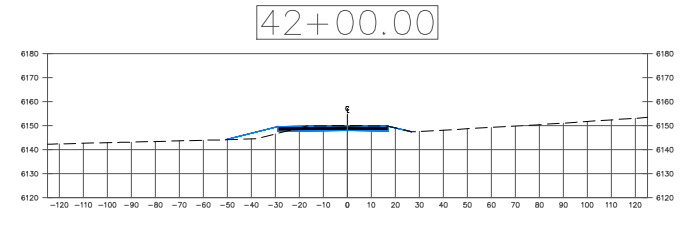
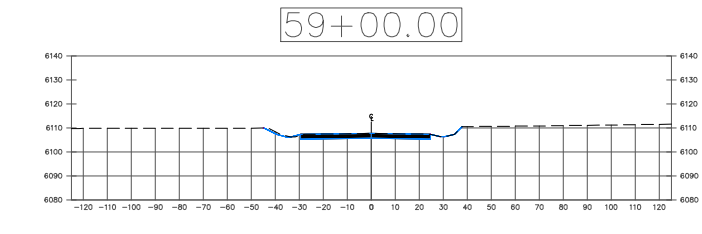
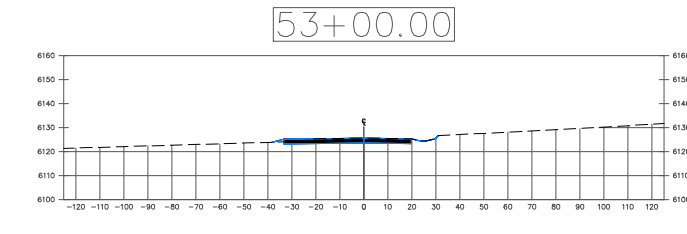
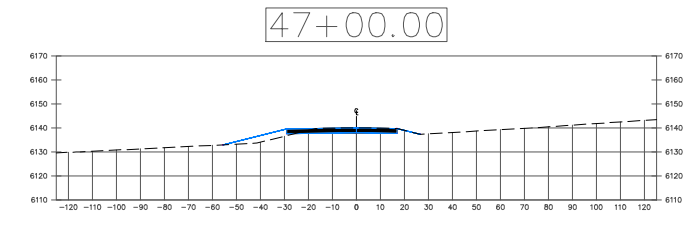
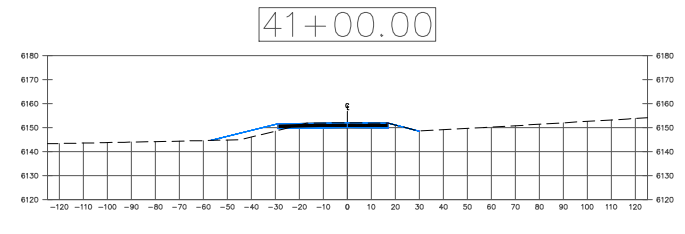
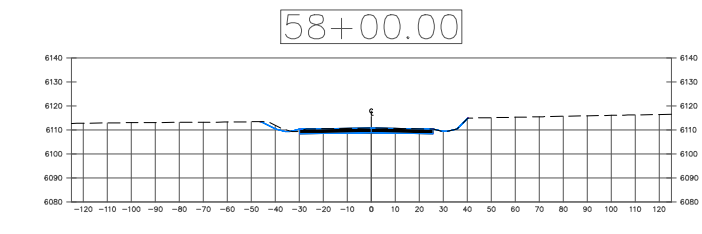
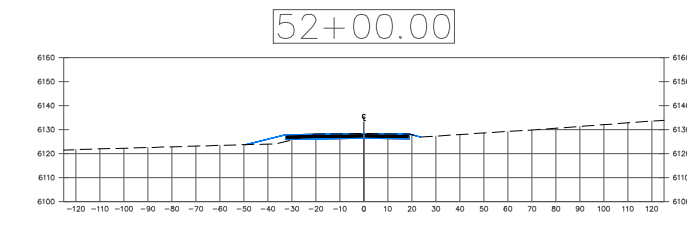
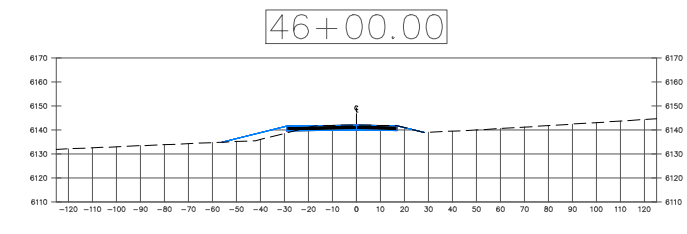
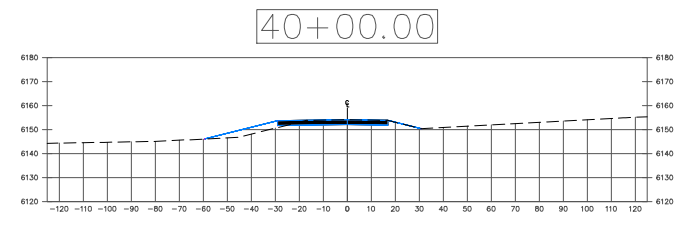
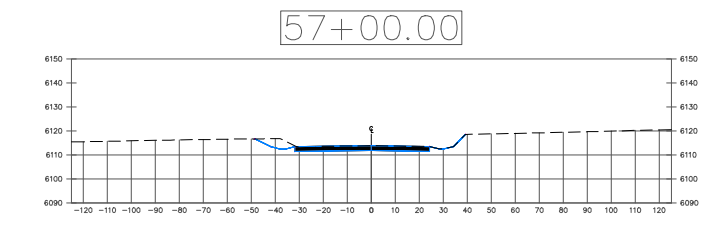
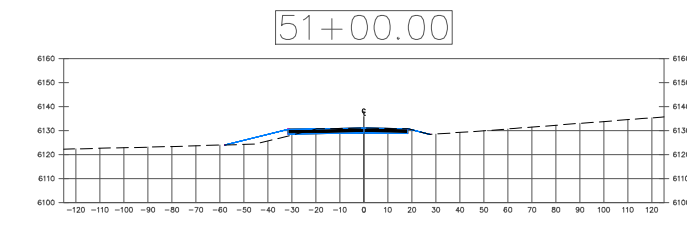
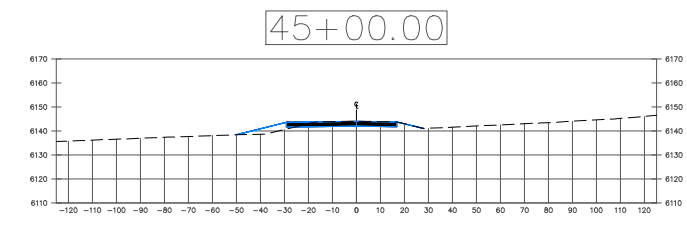
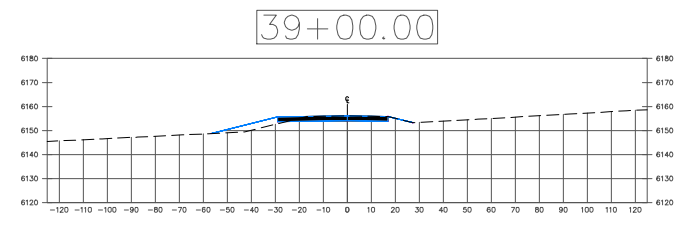


DESIGN APPROVED		ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION ROADWAY GROUP PLANS DETAIL	
APPROVED FOR DISTRIBUTION		ROADWAY CROSS SECTIONS Stations 13+00 to 38+00	
ROUTE	LOCATION	SHEET 1	OF 8
SR-64	Mile Marker 201-204 SB Passing Lane		
TRACS NO.		24 OF 33	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.		25	33	

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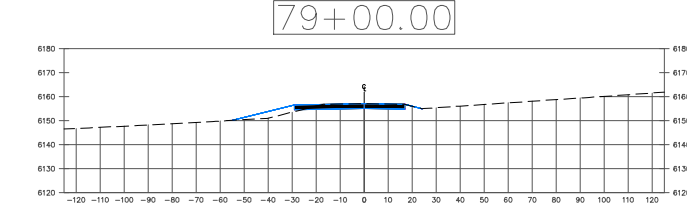
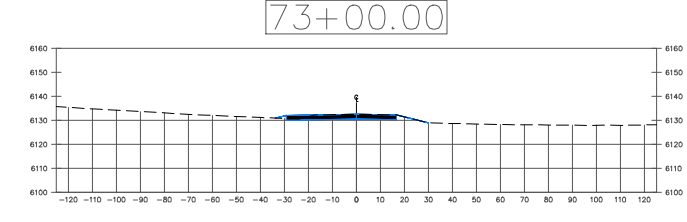
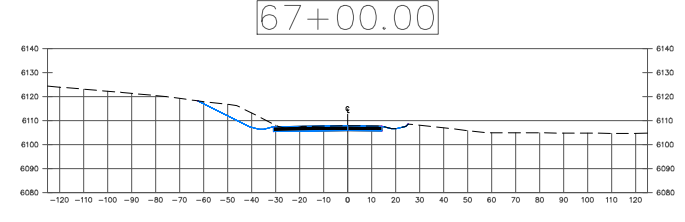
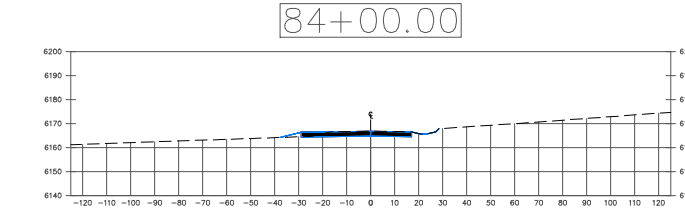
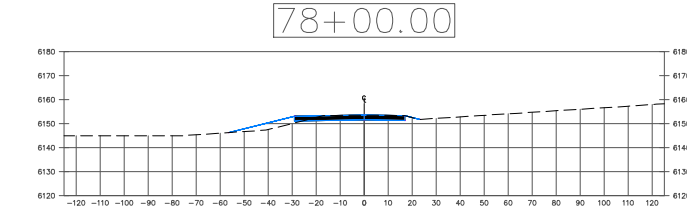
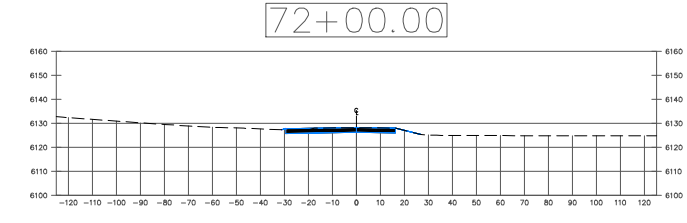
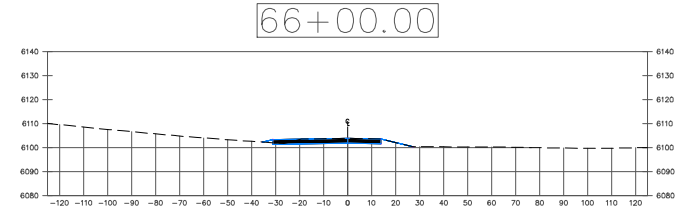
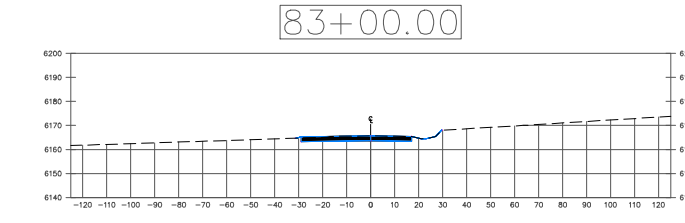
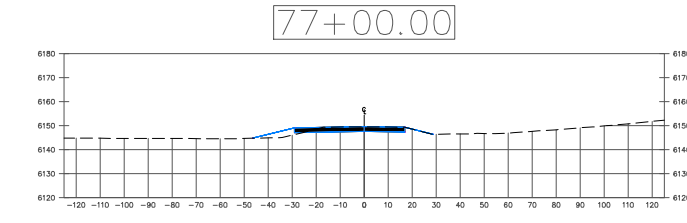
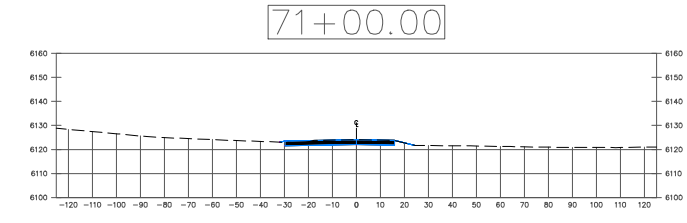
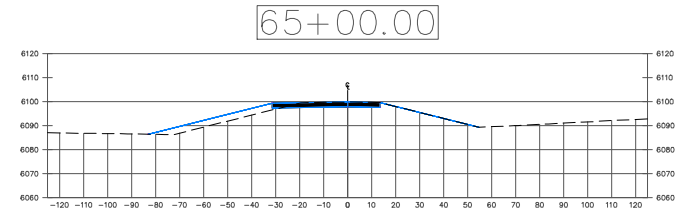
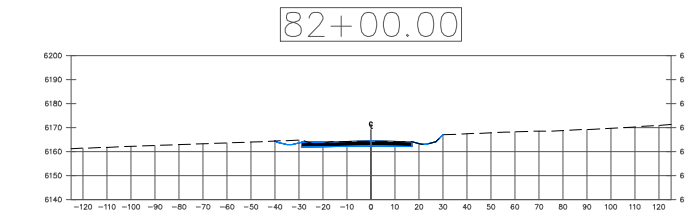
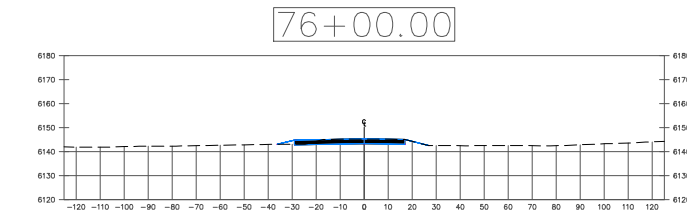
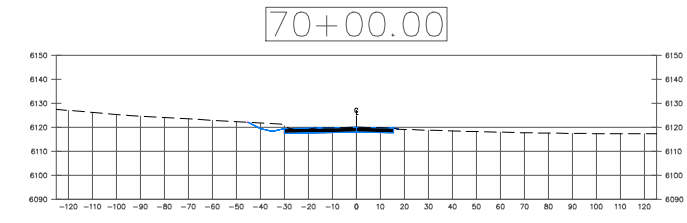
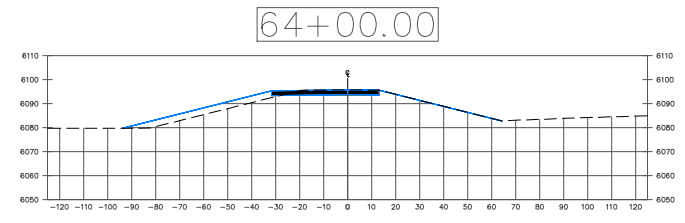
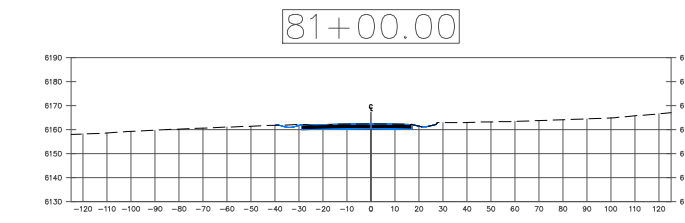
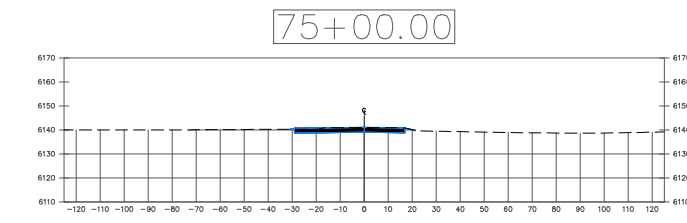
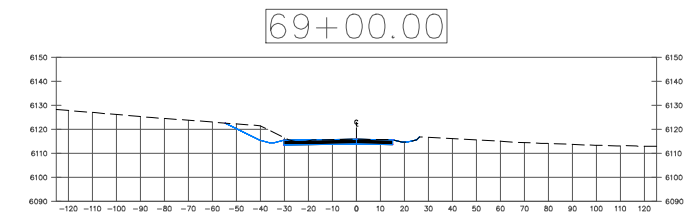
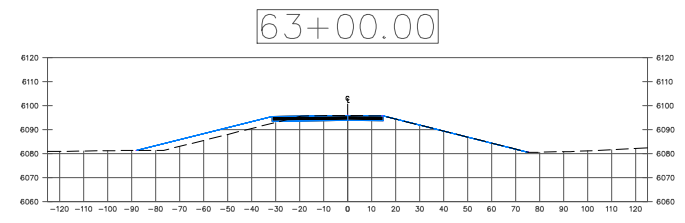
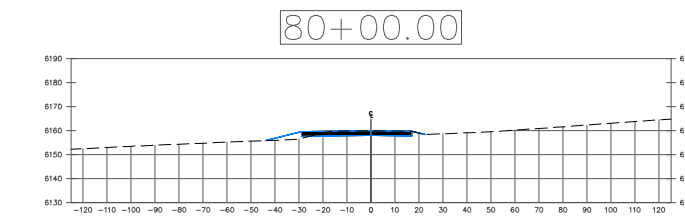
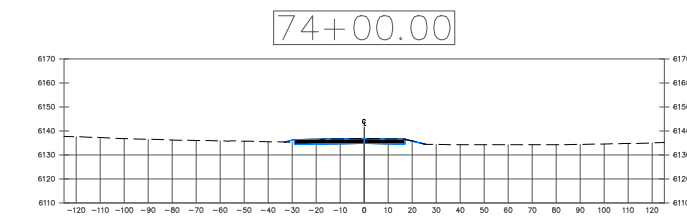
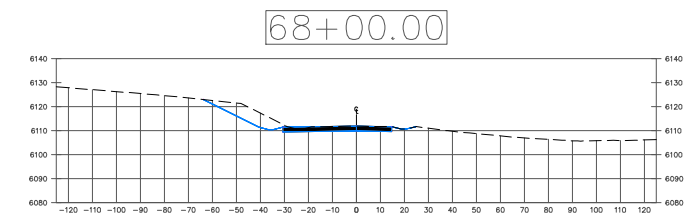
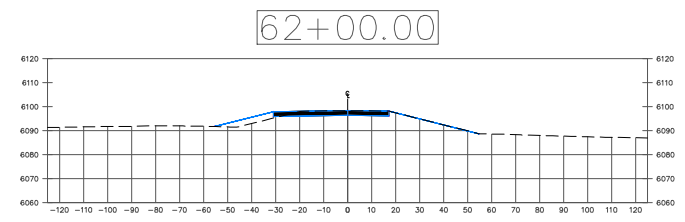


DESIGN APPROVED		ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION ROADWAY GROUP PLANS DETAIL	
APPROVED FOR DISTRIBUTION		ROADWAY CROSS SECTIONS Stations 39+00 to 61+00	
ROUTE SR-64	LOCATION Mile Marker 201-204 SB Passing Lane	SHEET 2 OF 8	
TRACS NO.		25 OF 33	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.		26	33	

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NO.	DESCRIPTION OF REVISIONS	MADE BY	DATE
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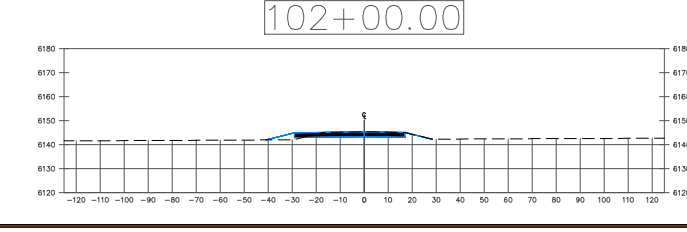
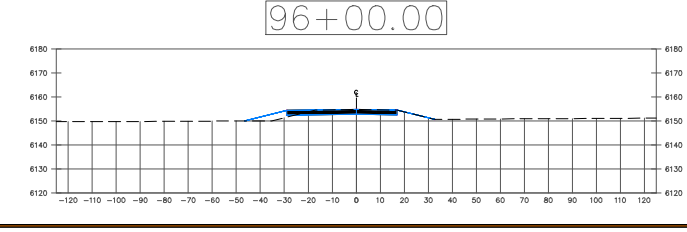
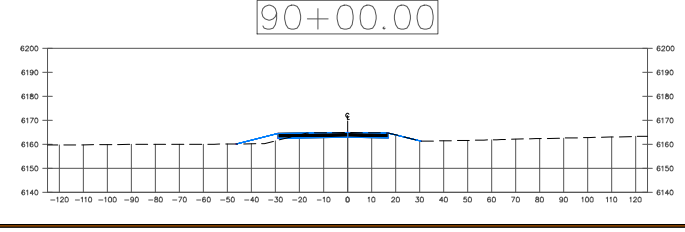
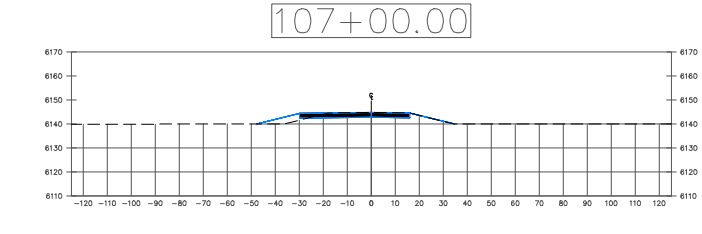
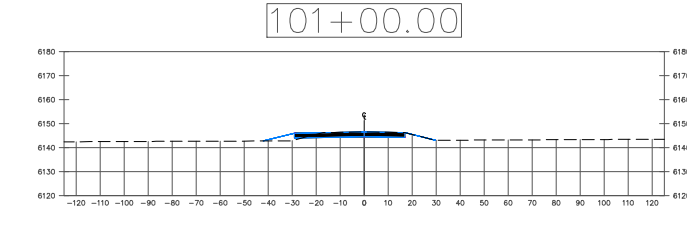
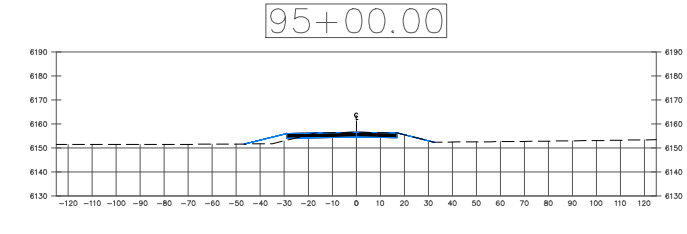
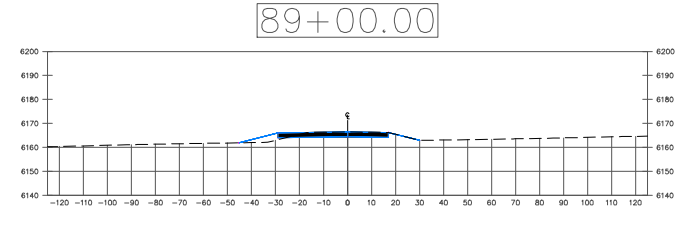
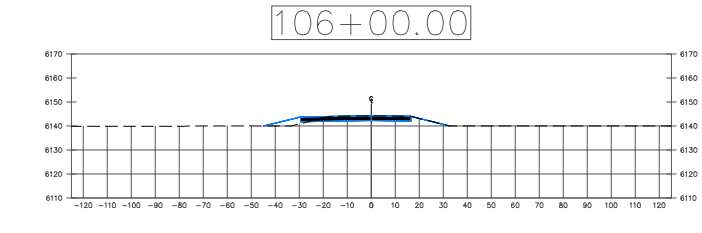
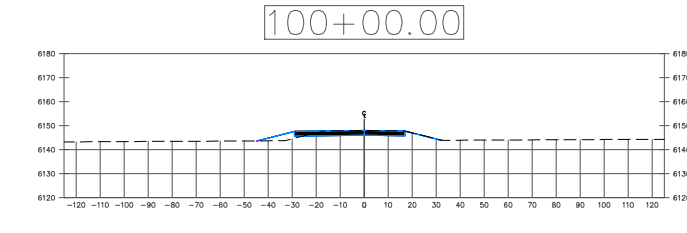
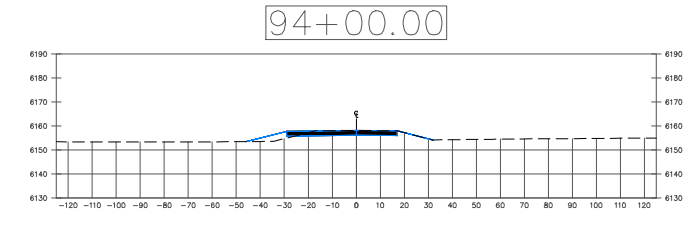
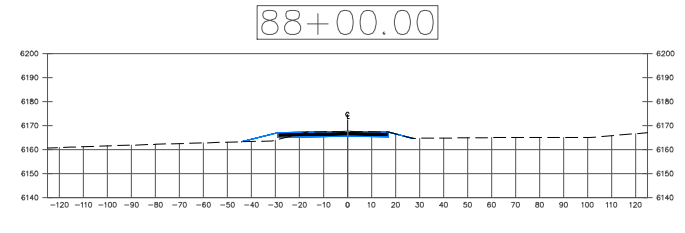
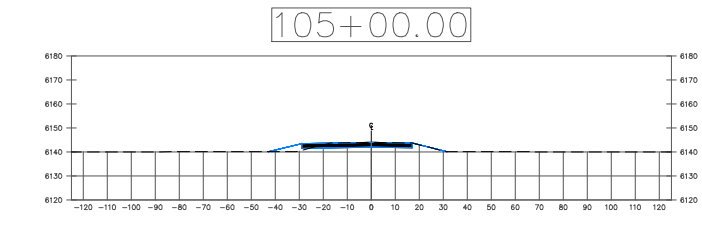
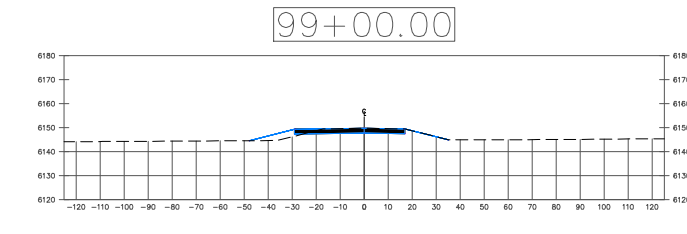
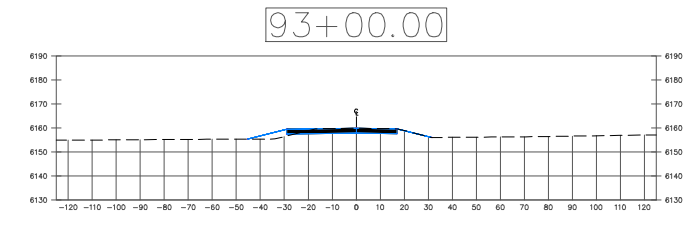
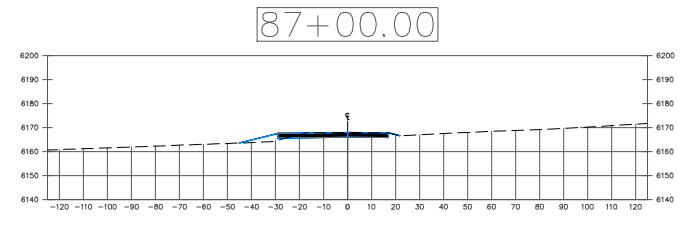
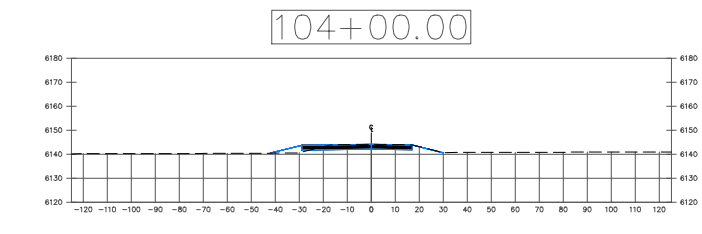
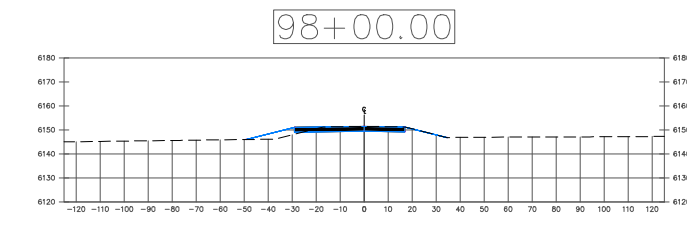
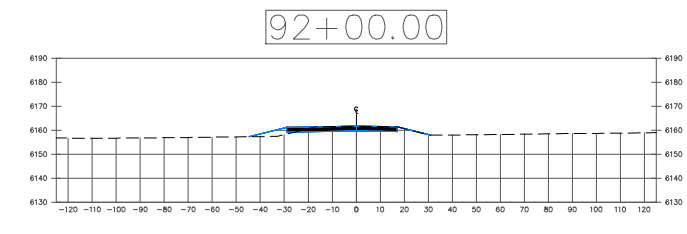
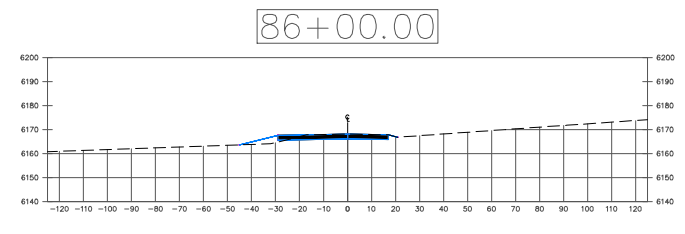
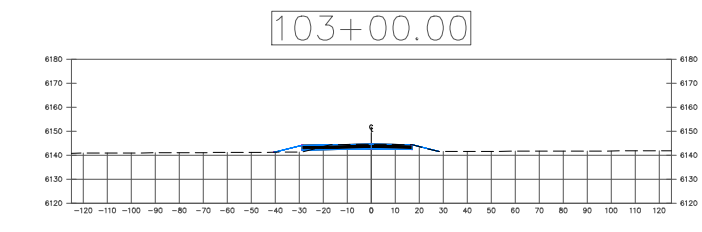
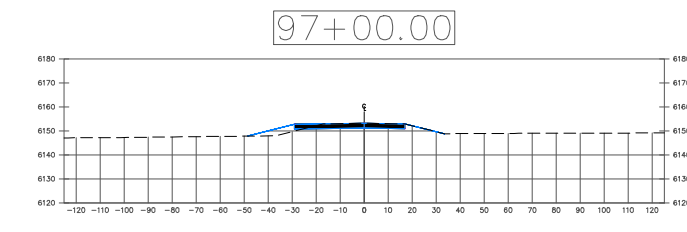
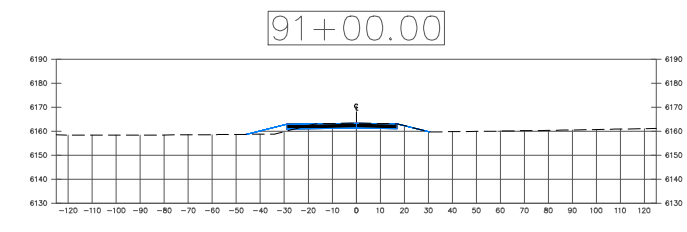
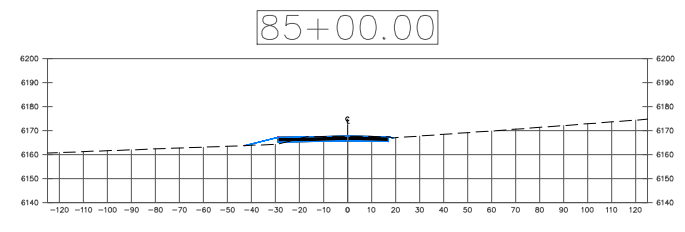


DESIGN APPROVED		ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION ROADWAY GROUP PLANS DETAIL	
APPROVED FOR DISTRIBUTION		ROADWAY CROSS SECTIONS Stations 62+00 to 84+00	
ROUTE SR-64	LOCATION Mile Marker 201-204 SB Passing Lane	SHEET 3 OF 8	
TRACS NO.		26 OF 33	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.		27	33	

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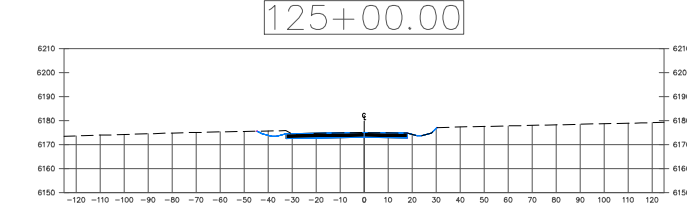
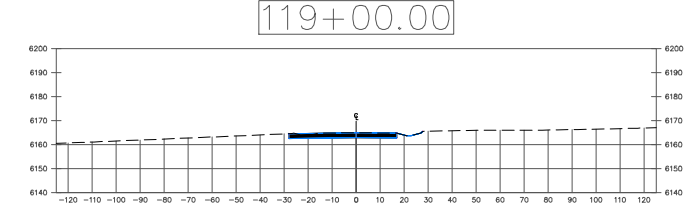
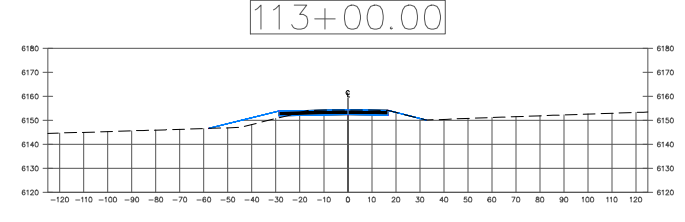
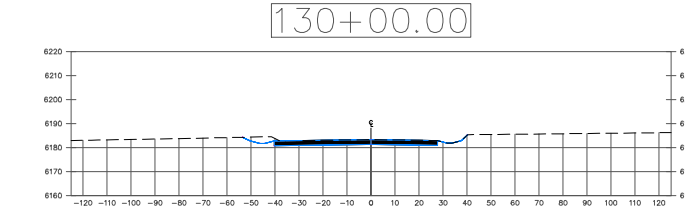
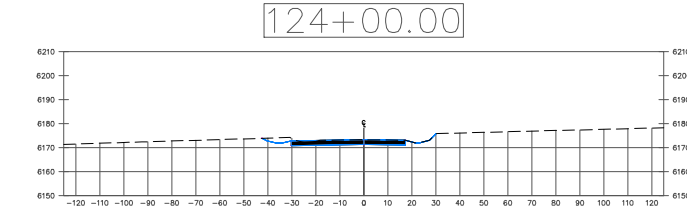
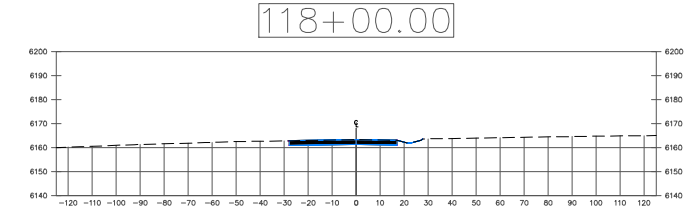
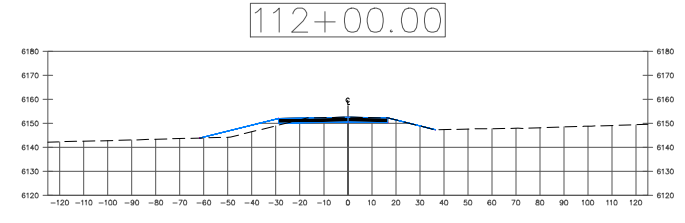
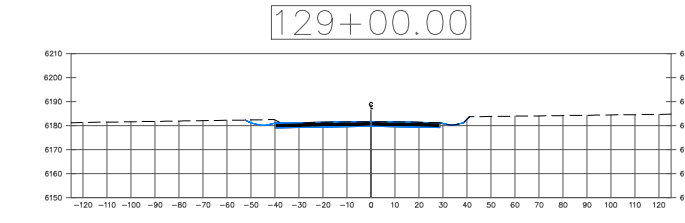
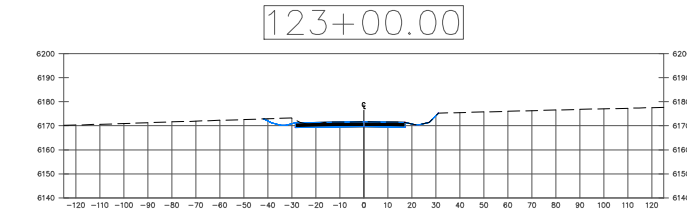
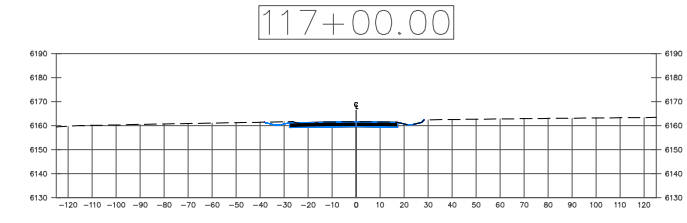
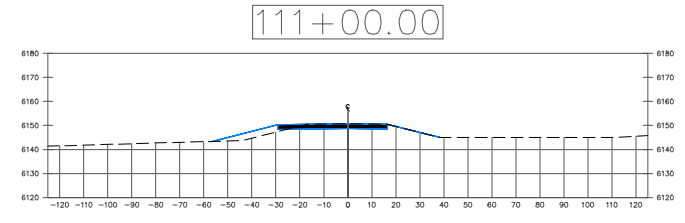
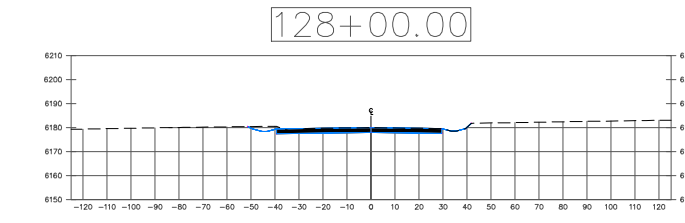
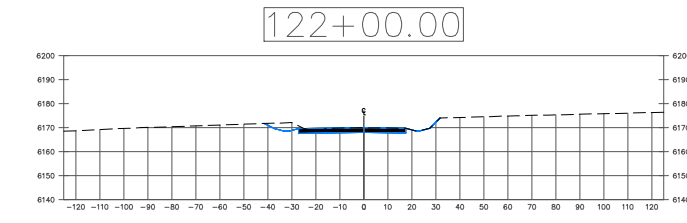
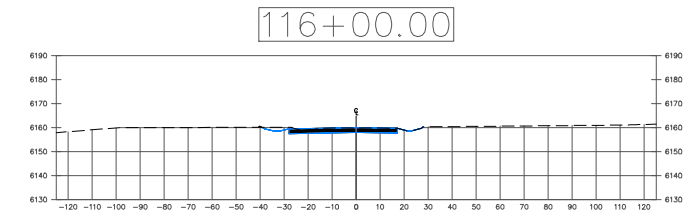
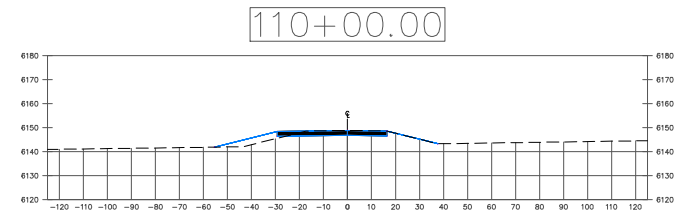
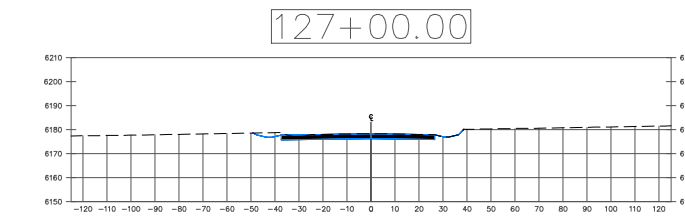
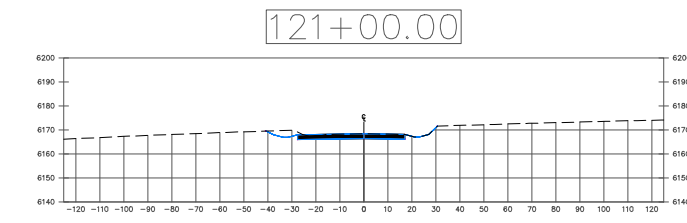
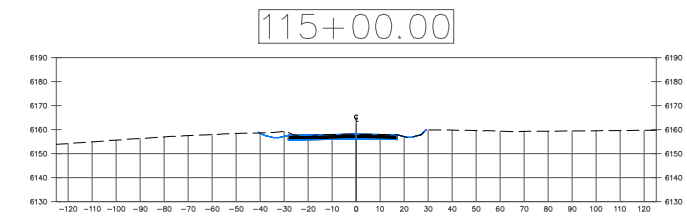
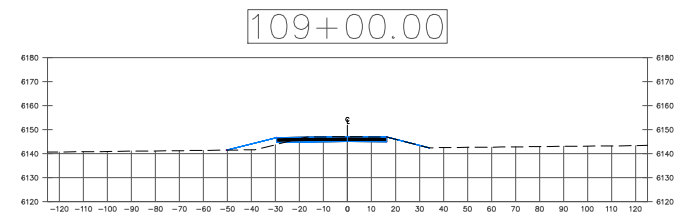
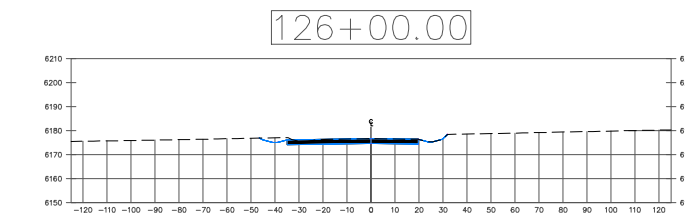
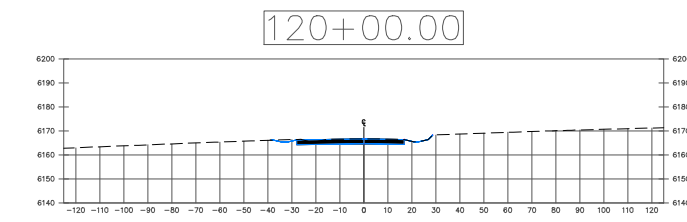
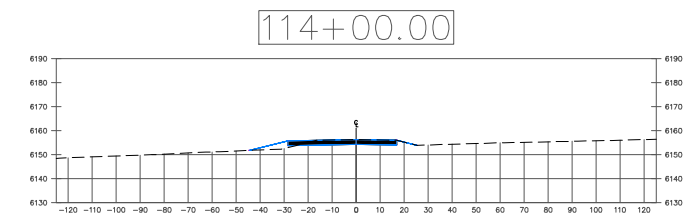
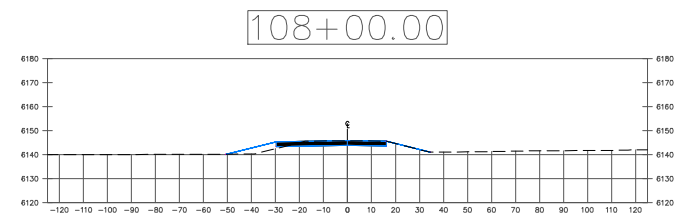


DESIGN APPROVED		ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION ROADWAY GROUP PLANS DETAIL	
APPROVED FOR DISTRIBUTION		ROADWAY CROSS SECTIONS Stations 85+00 to 107+00	
ROUTE	LOCATION	SHEET 4	OF 8
SR-64	Mile Marker 201-204 SB Passing Lane		
TRACS NO.		27 OF 33	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.		28	33	

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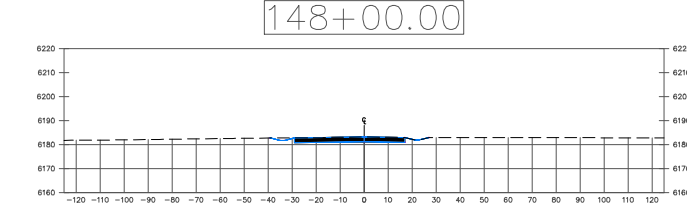
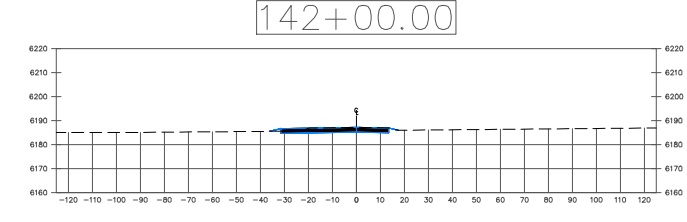
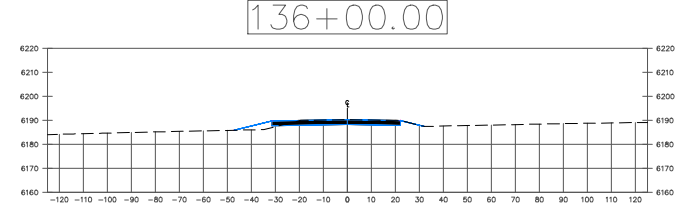
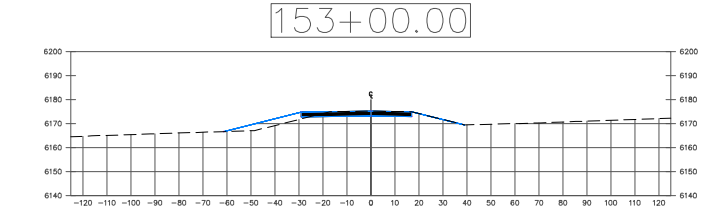
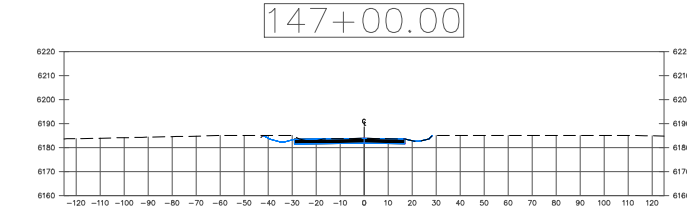
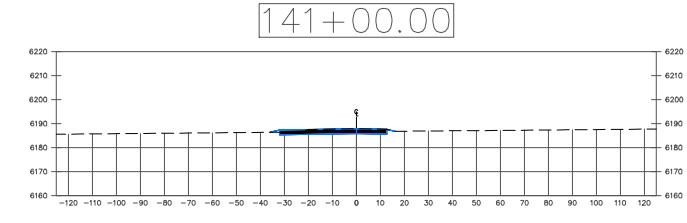
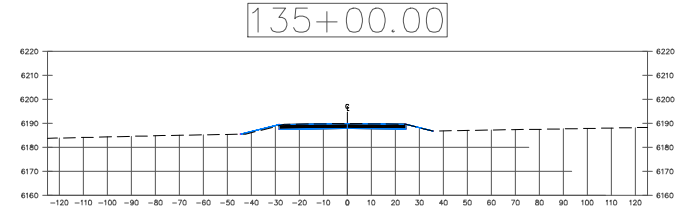
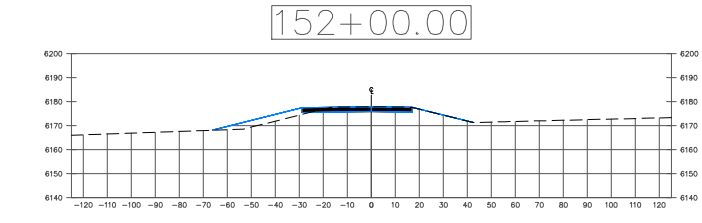
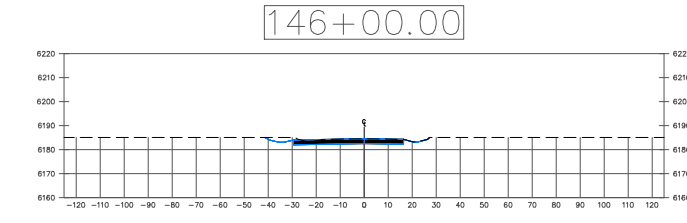
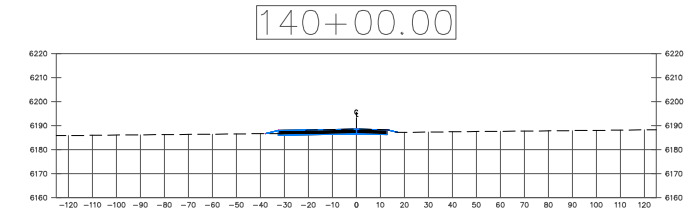
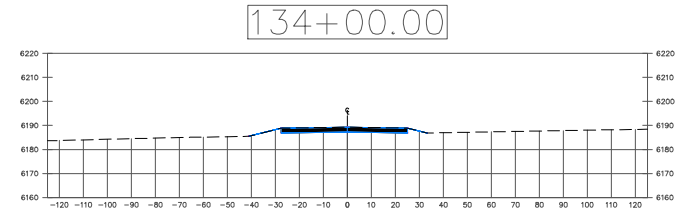
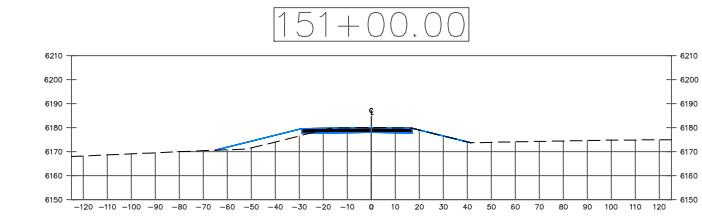
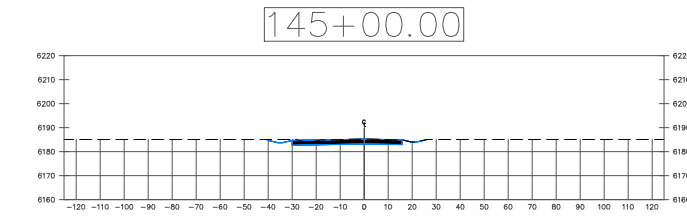
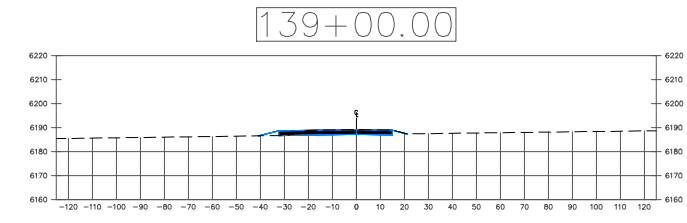
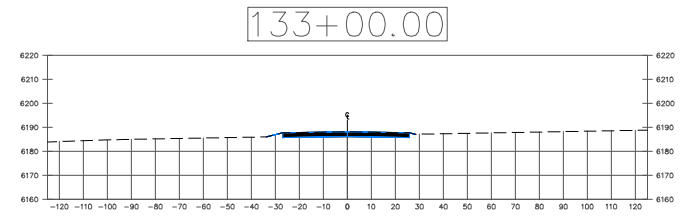
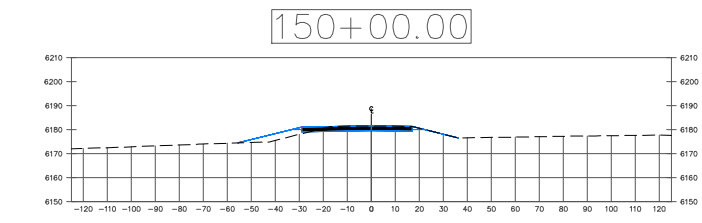
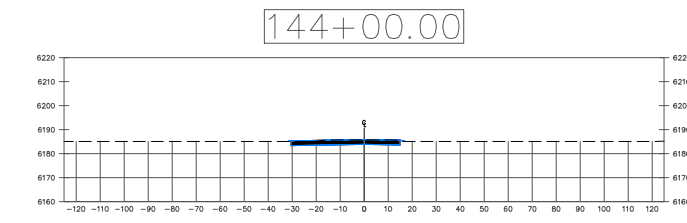
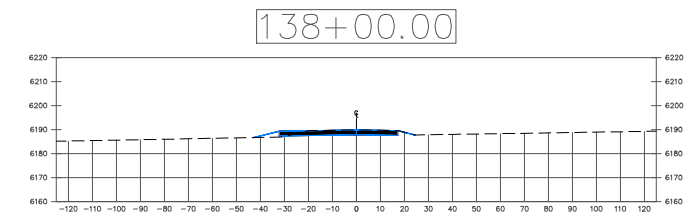
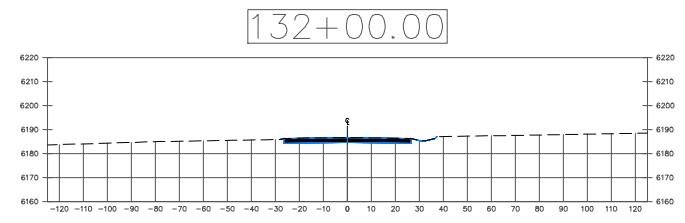
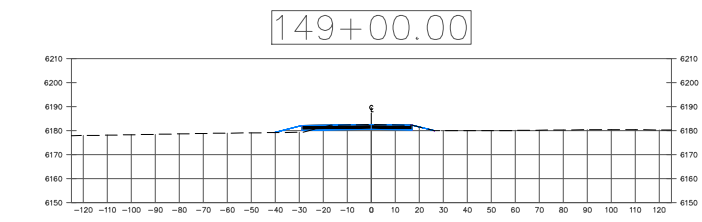
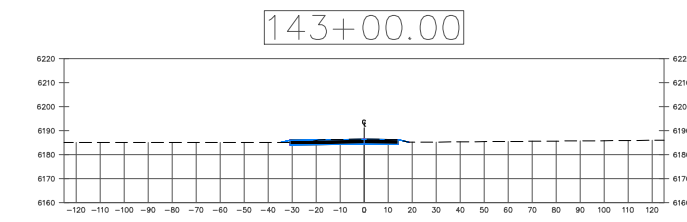
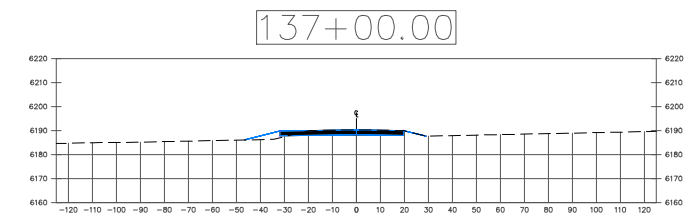
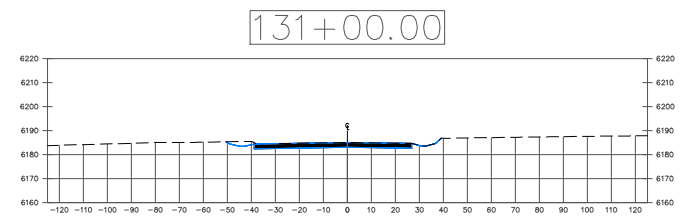


DESIGN APPROVED		ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION ROADWAY GROUP PLANS DETAIL	
APPROVED FOR DISTRIBUTION		ROADWAY CROSS SECTIONS Stations 108+00 to 130+00	
ROUTE	LOCATION	SHEET 5 OF 8	
SR-64	Mile Marker 201-204 SB Passing Lane		
TRACS NO.		28 OF 33	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.		29	33	

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NO.	DESCRIPTION OF REVISIONS	MADE BY	DATE
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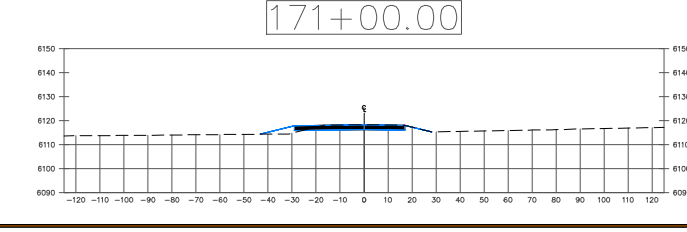
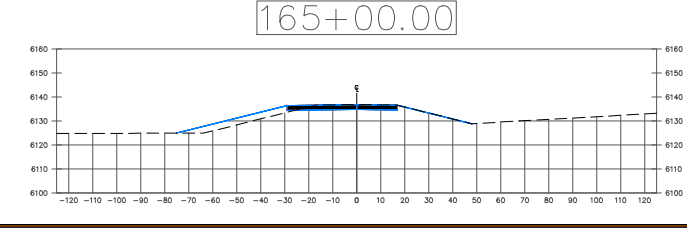
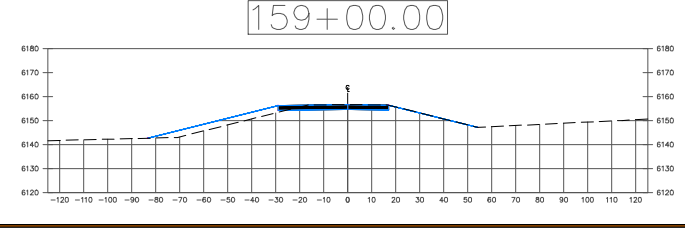
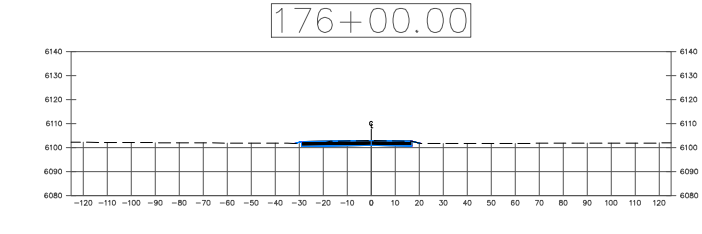
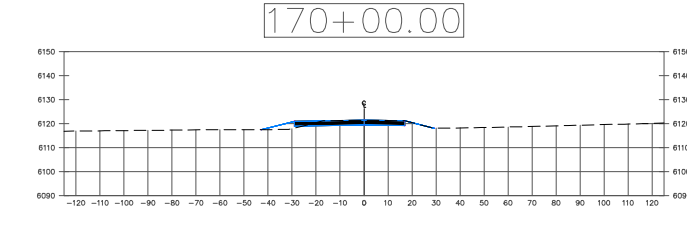
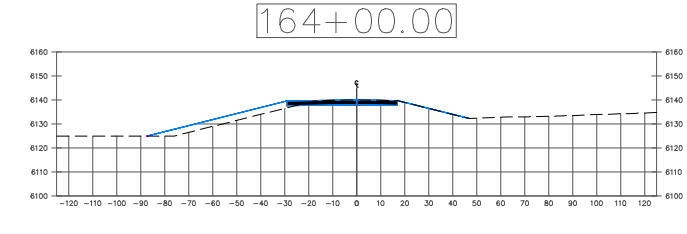
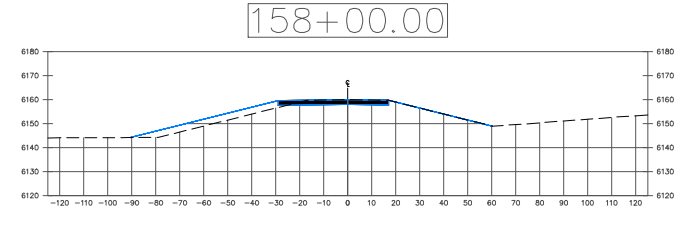
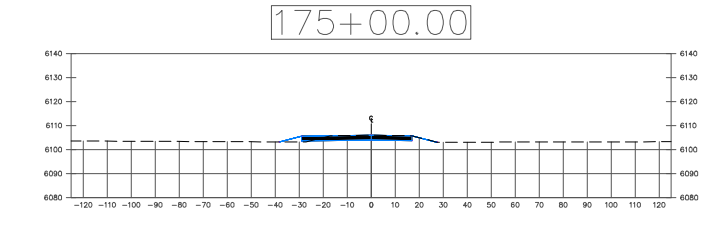
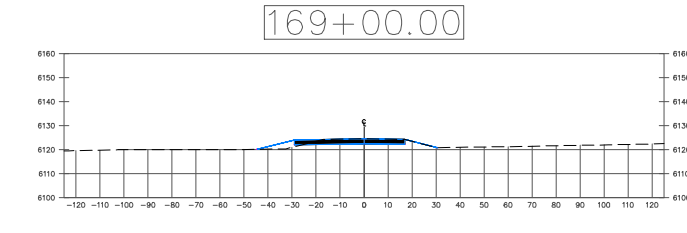
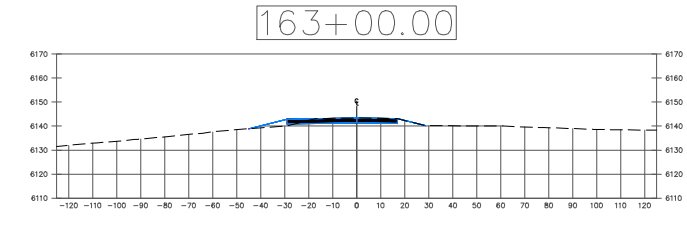
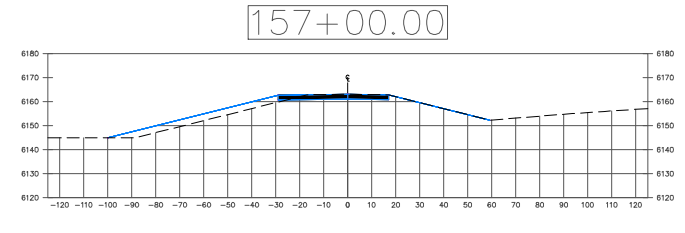
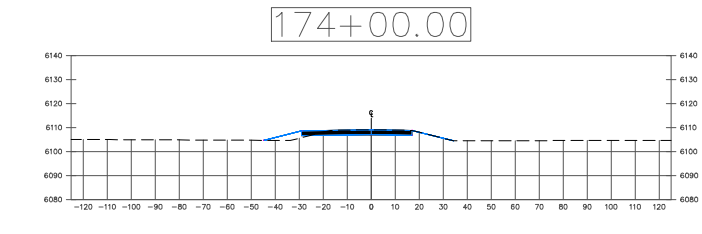
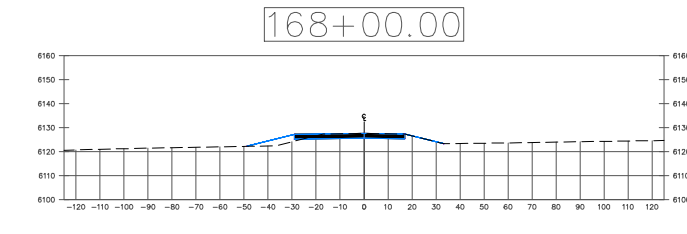
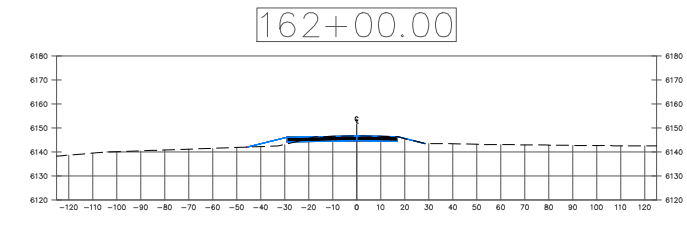
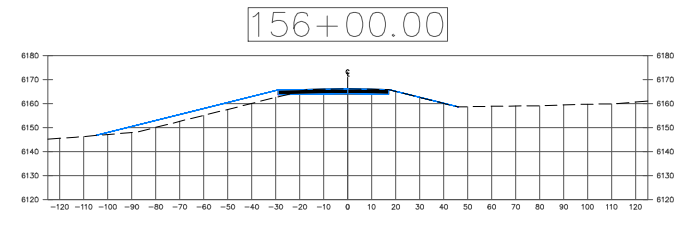
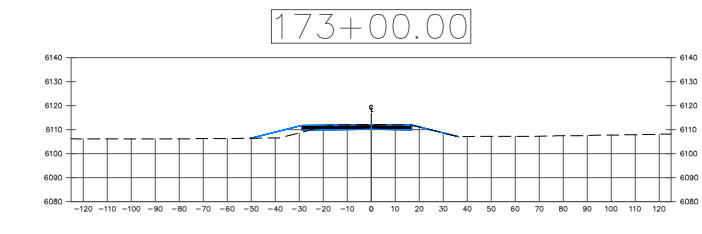
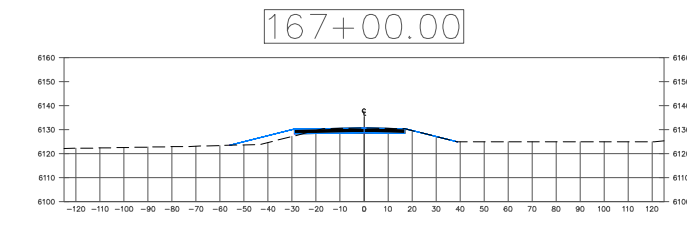
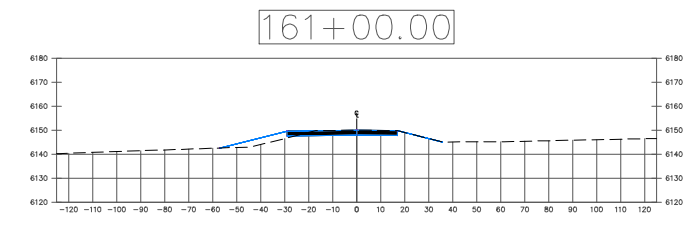
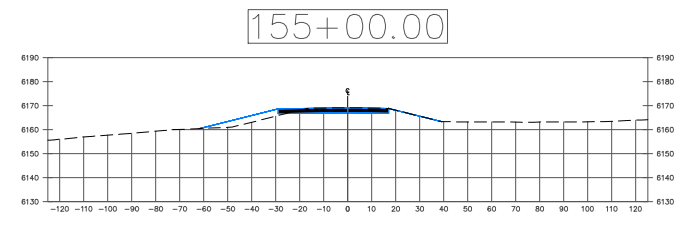
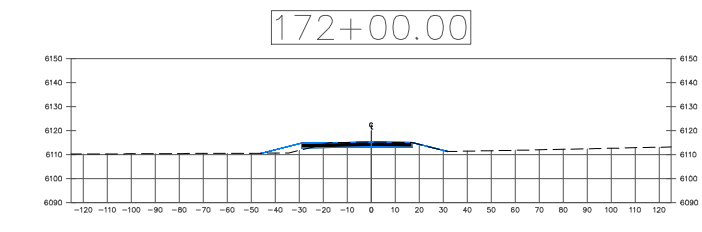
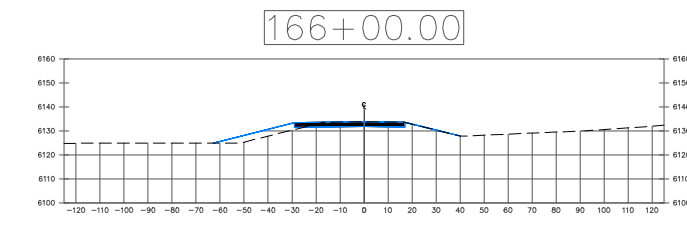
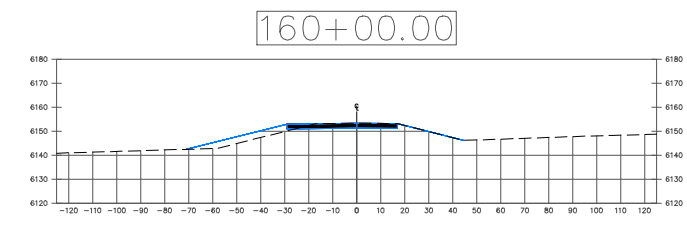
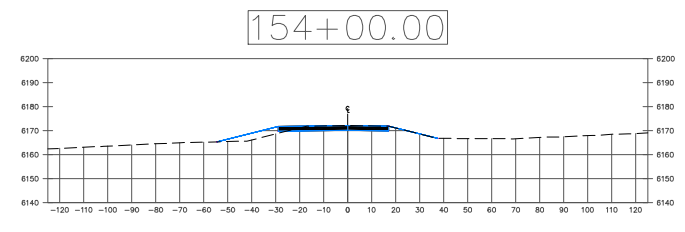


DESIGN APPROVED		ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION ROADWAY GROUP PLANS DETAIL	
APPROVED FOR DISTRIBUTION		ROADWAY CROSS SECTIONS Stations 131+00 to 153+00	
ROUTE SR-64	LOCATION Mile Marker 201-204 SB Passing Lane	SHEET 6 OF 8	
TRACS NO.		29 OF 33	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.		30	33	

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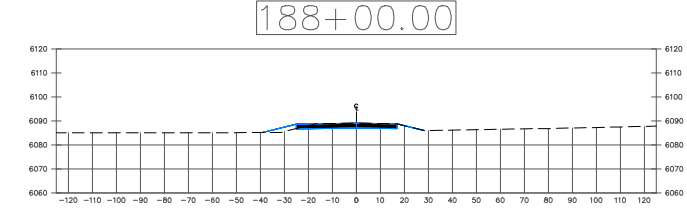
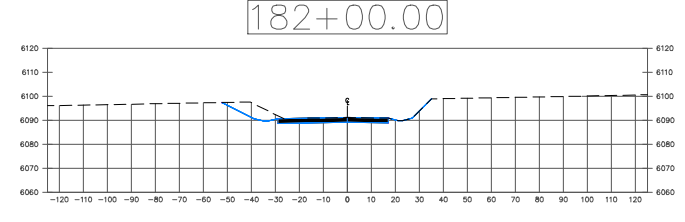
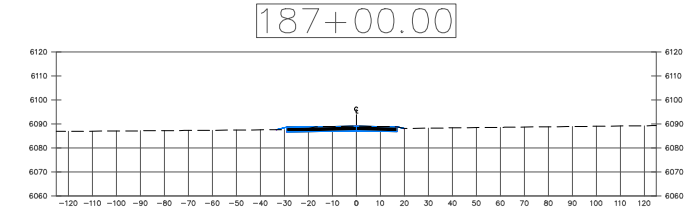
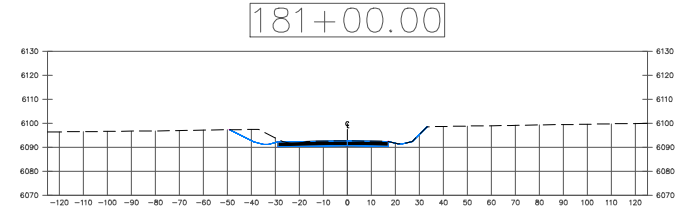
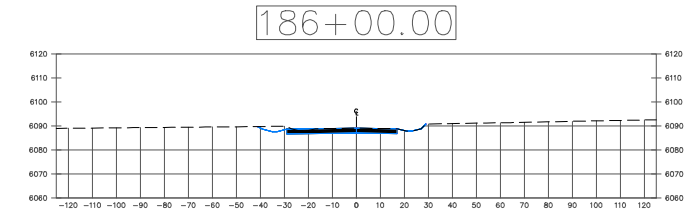
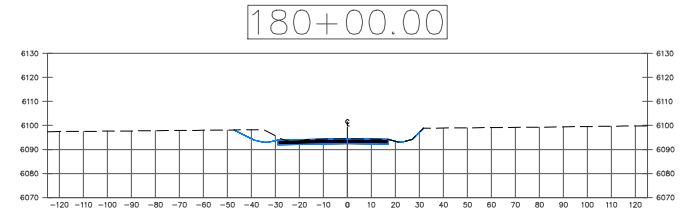
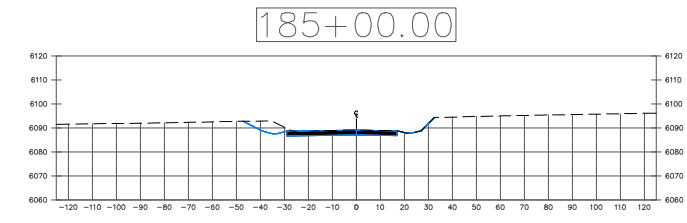
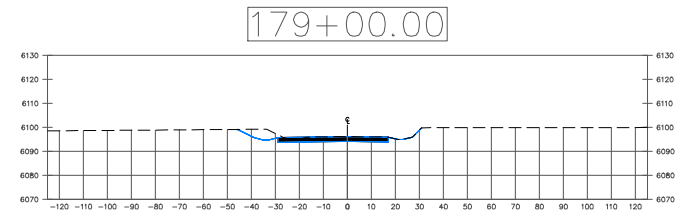
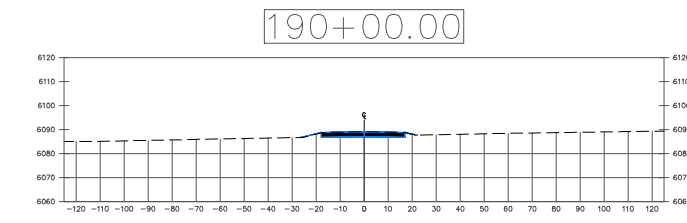
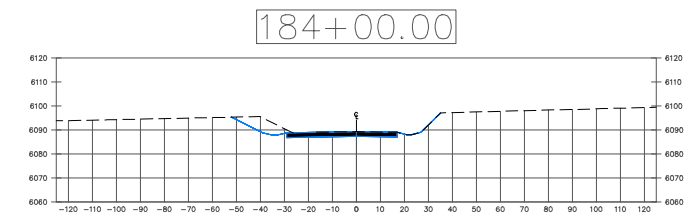
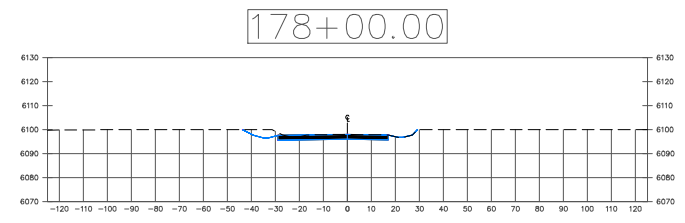
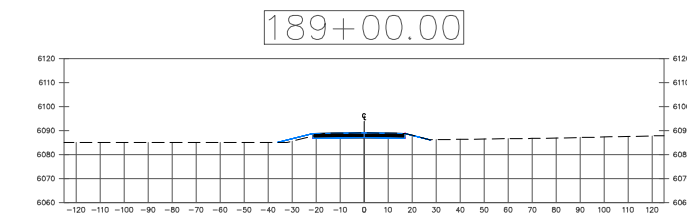
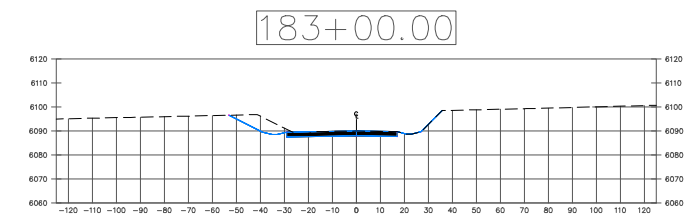
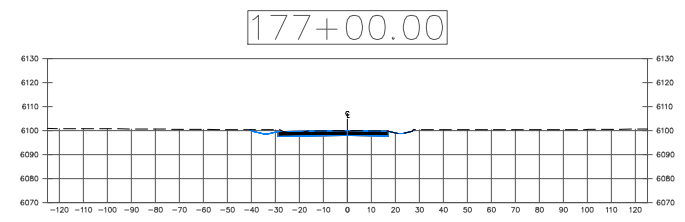


DESIGN APPROVED		ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION ROADWAY GROUP PLANS DETAIL	
APPROVED FOR DISTRIBUTION		ROADWAY CROSS SECTIONS Stations 154+00 to 176+00	
ROUTE SR-64	LOCATION Mile Marker 201-204 SB Passing Lane	SHEET 7 OF 8	
TRACS NO.		30 OF 33	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.		31	33	

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APPROVED FOR DISTRIBUTION		ROADWAY CROSS SECTIONS Stations 177+00 to 190+00	
ROUTE	LOCATION	SHEET 8	OF 8
SR-64	Mile Marker 201-204 SB Passing Lane		
TRACS NO.		31 OF 33	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.		32	33	

MAINTENANCE OF CONSTRUCTION SEQUENCE

ACTIVITY NUMBER	CONSTRUCTION ACTIVITY	TRAFFIC CONTROL	COMMENTS
1	Mobilization, signage and barrier setup	Traffic Control as shown in Detailed SA-3 Traffic Plan	Signs are to be placed on embedded posts for the duration of the project
2	Clearing and Grubbing	Traffic Control as shown in Detailed SA-3 Traffic Plan	This activity will have to be started early, to ensure that at least one lane is open to traffic. Contractor shall maintain traffic control during night
3	Culvert Extension/Replacement, Rough Grade (Cut and Fill)	Traffic Control as shown in Detailed SA-3 Traffic Plan	The Contractor shall maintain at least one lane of traffic at all times
4	Placement of ABC Subgrade	Traffic Control as shown in Detailed SA-3 Traffic Plan	The Contractor shall maintain at least one lane of traffic at all times
5	Final Grade (ABC)	Traffic Control as shown in Detailed SA-3 Traffic Plan	The Contractor shall maintain at least one lane of traffic at all times
6	AC Placement (Asphaltic Concrete)	Traffic Control as shown in Detailed SA-3 Traffic Plan	The Contractor shall maintain at least one lane of traffic at all times
7	Signage and Stripping	Traffic Control as shown in Detailed SA-3 Traffic Plan	The Contractor shall maintain at least one lane of traffic at all times
8	Demobilization, Removal of signage and barriers	Traffic Control as shown in Detailed SA-3 Traffic Plan	The contractor is responsible for the proper removal of signs

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APPROVED FOR DISTRIBUTION		SEQUENCE OF CONSTRUCTION	
ROUTE	LOCATION	SHEET	OF
SR-64	Mile Marker 201-204 SB Passing Lane	1	2
TRACS NO.		32 OF 33	

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
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ITEM #	ITEM	APPROXIMATE TRAFFIC CONTROL QUANTITIES								UNIT	TOTAL
		ACTIVITY NUMBER									
		1	2	3	4	5	6	7	8		
		ESTIMATED DAYS IN USE									
7016020	Temporary Concrete Barrier (In Use)	34080	340800	681600	85200	170400	937200	119280	34080	LF-Day	2402640
7016031	Barricade (Type III, High Level Flag Trees)	4	40	80	10	20	110	14	4	EA-Day	282
7016032	Portable Sign Stand (Rigid)	20	200	400	50	100	550	70	20	EA-Day	1410
7016035	Warning Lights (Type A)	150	1500	3000	375	750	4125	525	150	EA-Day	10575
7016039	Embedded Sign Post	4	40	80	10	20	110	14	4	EA-Day	282
7016061	Flashing Arrow Panel	4	40	80	10	20	110	14	4	EA-Day	282
7016067	Changeable Message Board	6	60	100	30	32	130	32	6	EA-Day	396
7016071	Pilot Vehicle With Driver	72	720	1200	360	384	1560	384	72	Hour	4752
7016075	Flagging Services (Civilian)	72	720	1200	360	384	1560	384	72	Hour	4752

NO	DESCRIPTION OF REVISIONS	MADE BY	DATE
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DESIGN APPROVED		ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION ROADWAY GROUP PLANS DETAIL	
APPROVED FOR DISTRIBUTION		TRAFFIC CONTROL QUANTITIES	
ROUTE	LOCATION	SHEET	OF
SR-64	Mile Marker 201-204 SB Passing Lane	2	2
TRACS NO.		33 OF 33	

	Item Description	Unit	Planned Qty.	Unit Price (2008)	Unit Price (2019)	Amount
2010011	Clearing and Grubbing	ACRE	18	\$ 1,600	\$ 3,731	\$67,833
2020038	Removal of Asphaltic Concrete Pavement	CU. YD.	5867	\$ 4	\$ 9	\$54,724
3030022	Aggregate Base, Class 2	CU. YD.	16427	\$ 45	\$ 105	\$1,723,815
4040111	Bituminous Tack Coat	TON	20	\$ 450	\$ 1,049	\$20,988
4040116	Apply Bituminous Tack Coat	HOUR	50	\$ 140	\$ 326	\$16,324
4040264	Asphalt Binder (PG 64-22)	TON	307	\$ 550	\$ 1,283	\$393,758
4160004	Asphaltic Concrete (3/4" Mix) (End Product)	TON	10980	\$ 43	\$ 100	\$1,101,030
5010011	CMP, 24"	L. FT.	74	\$ 75	\$ 175	\$13,004
5010017	CMP, 30"	L. FT.	81	\$ 85	\$ 198	\$16,119
5010019	CMP, 36"	L. FT.	22	\$ 95	\$ 222	\$4,896
2030301	Roadway Excavation	CU. YD.	2000	\$ 15	\$ 35	\$69,960
6010002	Structural Concrete (Class S)	CU. YD.	28	\$ 650	\$ 1,516	\$42,670
7016020	Temporary Concrete Barrier (In Use)	LF-DAY	2402640	\$ 0.20	\$ 0.47	\$1,120,591
7016031	Barricade (Type III, High Level Flag Trees)	EACH-DAY	282	\$ 1	\$ 2	\$658
7016032	Portable Sign Stands (Rigid)	EACH-DAY	1410	\$ 1	\$ 2	\$3,288
7016035	Warning Lights (Type A)	EACH-DAY	10575	\$ 0.25	\$ 1	\$6,165
7016039	Embedded Sign Post	EACH-DAY	282	\$ 0.15	\$ 0.35	\$99
7016067	Changeable Message Board	EACH-DAY	396	\$ 25	\$ 58	\$23,087
7016071	Pilot Vehicle with Driver	HOUR	4752	\$ 40	\$ 93	\$443,267
7016075	Flagging Services (Civilian)	HOUR	4752	\$ 22	\$ 51	\$243,797
7060101	Pavement Marker, Recessed, Type D	EACH	792	\$ 5	\$ 12	\$9,235
7080001	Permanent Pavement Marking (Painted)	L. FT.	17040	\$ 0.15	\$ 0.35	\$5,961
9240170	Contractor Quality Control	L. SUM		\$ 49,000	\$ 114,268	\$114,268
9240183	Miscellaneous Work (Seal Cracks)	LB.	350	\$ 3	\$ 6	\$2,041
9250001	Construction Surveying and Layout	L. SUM		\$ 34,000	\$ 79,288	\$79,288
-----	Embankment	CU.YD.	28000	\$ 19	\$ 45	\$1,260,000
9280036	Ground-In Rumble Strip (8 in.)	L. FT.	17040	\$ 0.20	\$ 0.47	\$7,947
					Total Price	\$6,844,812
	Construction Engineering	% of Total	-----	-----	14	\$958,274
	Construction Design Services	% of Total	-----	-----	1	\$68,448
	Contingency	% of Total	-----	-----	5	\$342,241
					Total Project Cost	\$8,213,774