

MIDPOINT OF PROJECT

Central Zone
State Plane Coordinates
X=243740
Y=686348

DESIGN DATA

2024 AADT = 1686
2042 AADT = 1911

REFERENCES

F0507
LS1442
S-222(15)

LENGTH OF PROJECT

SR 85 Survey CL
MP 4.39 to 6.02

Sta 1892+20 to 1892+53 = 33' (Box Culvert 1 & Paving)
Sta 1892+53 to 1929+25 = 3672' (Exception)
Sta 1929+25 to 1930+27 = 102' (Box Culvert 2 & Paving)
Sta 1930+27 to 1943+96 = 1369' (Exception)
Sta 1943+96 to 1944+36 = 40' (Box Culvert 3 & Paving)
Sta 1944+36 to 1960+60 = 1624' (Exception)
Sta 1960+60 to 1960+74 = 14' (Box Culvert 4 & Paving)
Sta 1960+74 to 1976+51 = 1577' (Exception)
Sta 1976+51 to 1976+85 = 34' (Box Culvert 5 & Paving)

Gross Length = 8465'
Net Length = 223'

INDEX OF SHEETS

Sheet No.	Sheet Type
1	Face Sheet
1A, 1B-1 & 2, 1C-1 & 2, 1D	ADOT Standard Drawings
1F	EPIC Sheet
2	Design Sheet
3	Box Culvert Summary Sheet
4	Guardrail Summary Sheet
5-13	Detail Sheets
14	Key Map
15-25	Traffic Sheet
26-27	Bridge Sheets
28-30	Roadside Development

GENERAL NOTES

The roadway plans have been designed utilizing the Construction Standard Drawings (C-Series) and current revisions. Refer to the 1A sheet for a listing of current revision dates.

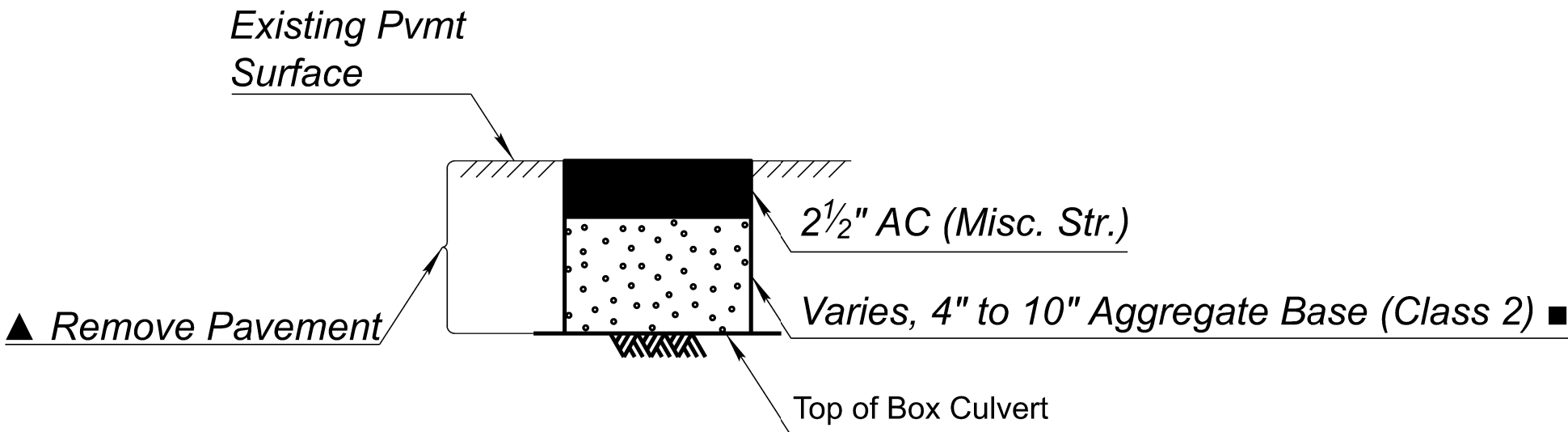
For R/W information not shown, see Right-of-Way project No. S-222 (22).

The average project elevation is 900'.
New Right of Way and easements are not required.

Project Plans have been developed utilizing alignment and survey control from survey LS1442.

Where only the horizontal location of an existing utility is shown, the location is approximate. Where both the horizontal and vertical location of an existing utility is shown, the location has been verified by field survey methods. The contractor shall comply with all current Arizona 811 and Section 107.15 of the specifications.

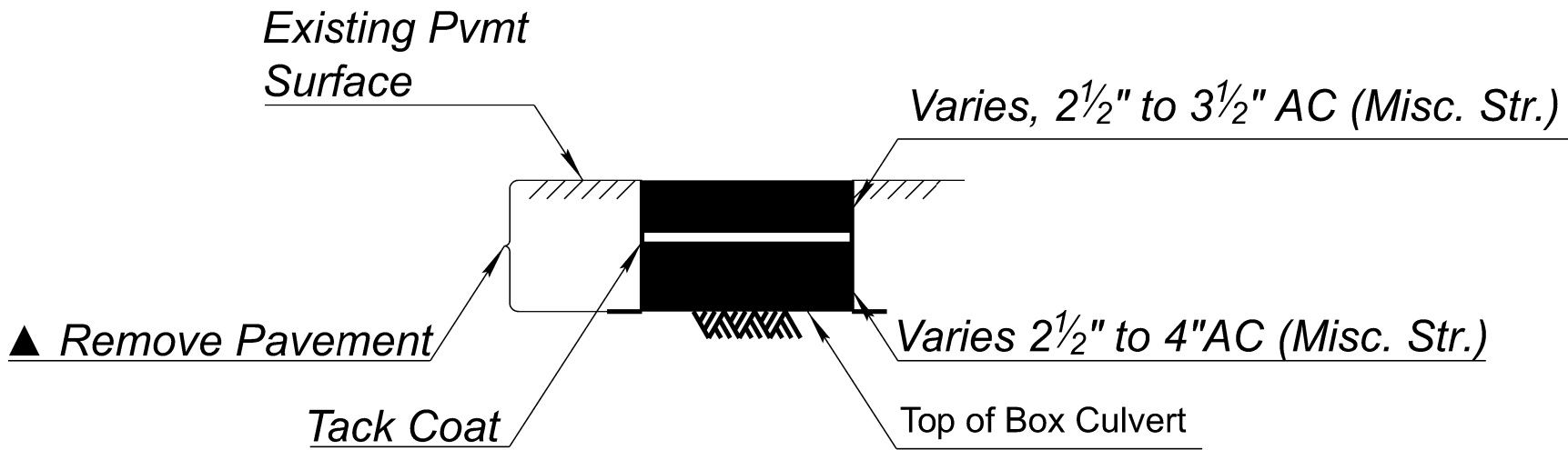
The project roadway shall be striped by the contractor in accordance with the current edition of the Signing and Marking Standard Drawings (M&S-Series).



Total Thickness = Varies

SECTION NO. 1

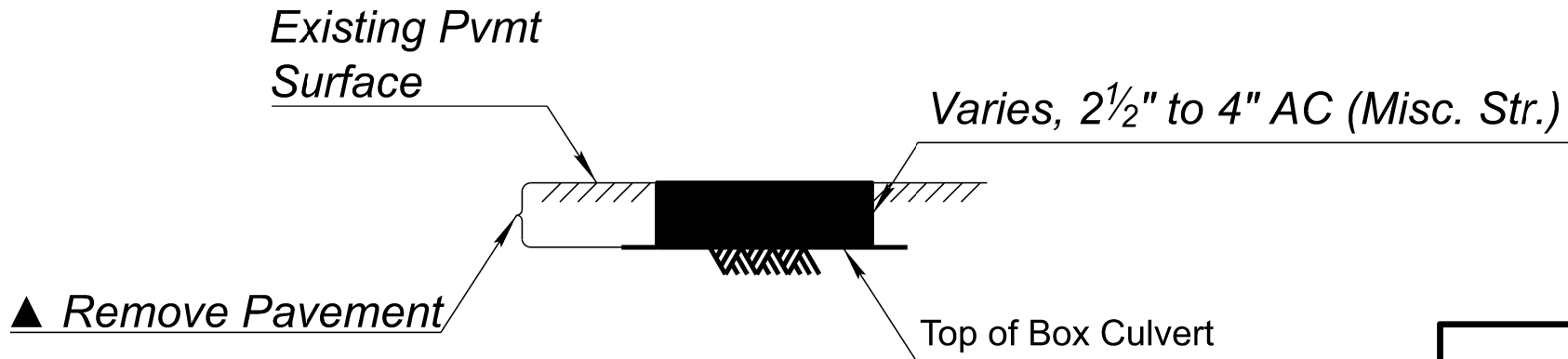
RCBC Removal Areas



Total Thickness = Varies

SECTION NO. 2

RCBC Removal Areas



Total Thickness = Varies

SECTION NO. 3

RCBC Removal Areas

EARTHWORK QUANTITIES

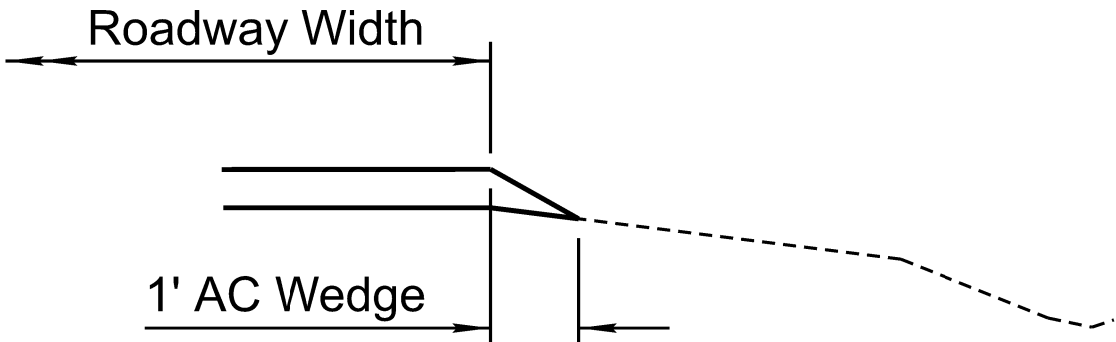
Drainage Excavation	104 CY
Structural Excavation	553 CY
Rip Rap Excavation	1221 CY
No Shrink or Swell Applied	
Berm Embankment*	1323 CY
Structure Backfill**	512 CY
Waste	555 CY

* Berm embankment shall be constructed using excavated site materials. There will be no separate measurement and payment for the berm, the cost considered included in the cost of the related excavation items.

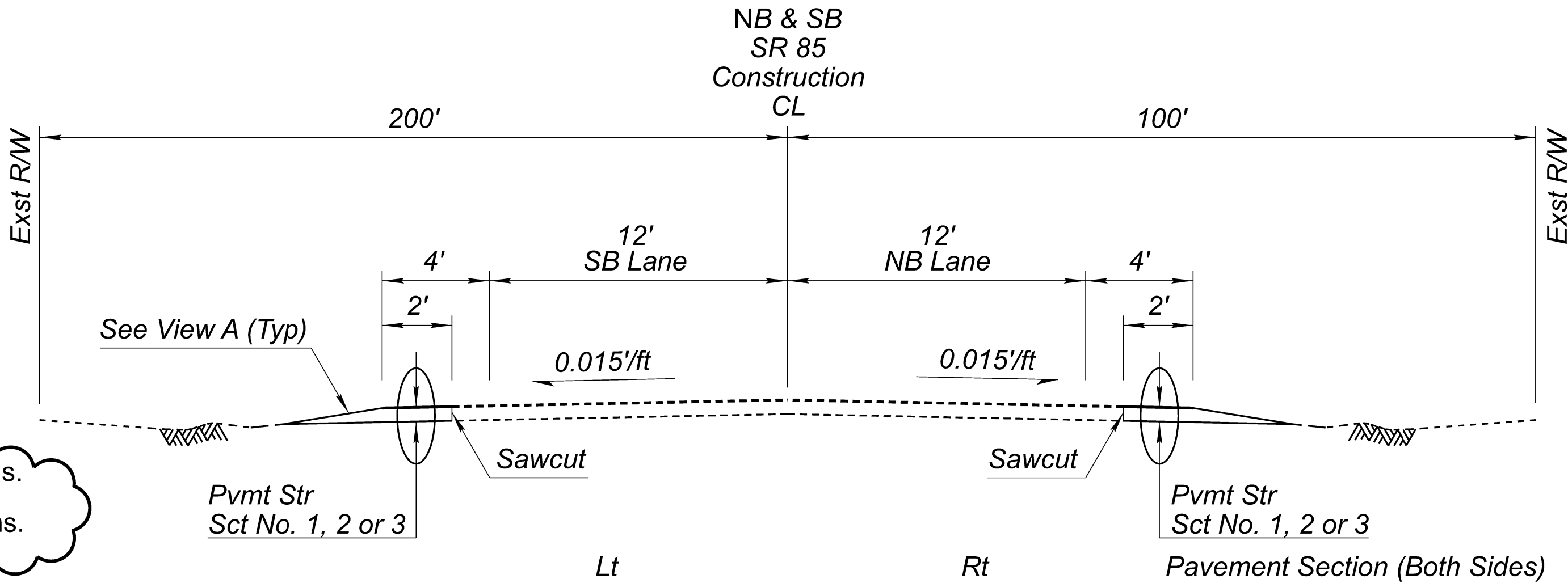
** Structural Backfill is assumed to be imported material.

▲ Removal of base material, compaction and grading shall be considered in the cost of Item 2020029 Removal of Asphaltic Concrete Pavement.

■ The aggregate base depth is assumed for the purposes of bid quantities. The contractor shall replace material to the top of the box culvert.



VIEW A



Sta 1892+20 to 1892+53	Sta 1892+20 to 1892+53	PSS 2
Sta 1929+40 to 1930+27	Sta 1929+25 to 1930+12	PSS 1
Sta 1944+12 to 1944+36	Sta 1943+96 to 1944+22	PSS 2
Sta 1960+60 to 1960+74	Sta 1960+60 to 1960+74	PSS 3
Sta 1976+67 to 1976+85	Sta 1976+51 to 1976+69	PSS 1

ABOVE BOX CULVERT EXTENSIONS

TYPICAL SECTION (N.T.S.)

NO.	DESCRIPTION OF REVISIONS	MADE BY	DATE
	Updated Embankment Note	MS	6/26

		NAME	DATE	ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT DELIVERY AND OPERATIONS DIVISION ROADWAY DESIGN SECTION	ROUTE	F.H.W.A. Arizona Division	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
	DESIGN	J SPRADLEY	6/26		SR 85			085 MA 004	085-A(210)T	2	30	
	DRAWN	M STEINER	6/26		MILEPOST							
	CHECKED	E EGGEN	6/26									
	TEAM LEADER	E. EGGEN	6/26									
DESIGN SHEET				STRUCTURE NO.		LOCATION QILOTOSA WASH - W THAYER RD						
				TRACS NO. F0833 01C			___ OF ___					

DESCRIPTION OF REVISIONS

The diagram shows a network topology. A horizontal line represents a network backbone. On the left, a cloud contains the number '146102'. Below this cloud is a triangle containing the number '1'. In the middle of the backbone is the number '148'. On the right, another cloud contains the number '1077'. Below this cloud is another triangle containing the number '1'.

1 TOTALS SHOWN FOR THE BOX CULVERT INCLUDE THE QUANTITIES FOR HEADWALLS, WINGS, APRONS, CURBS, CUT-OFF WALLS AND LAPS AT CONSTRUCTION JOINTS.

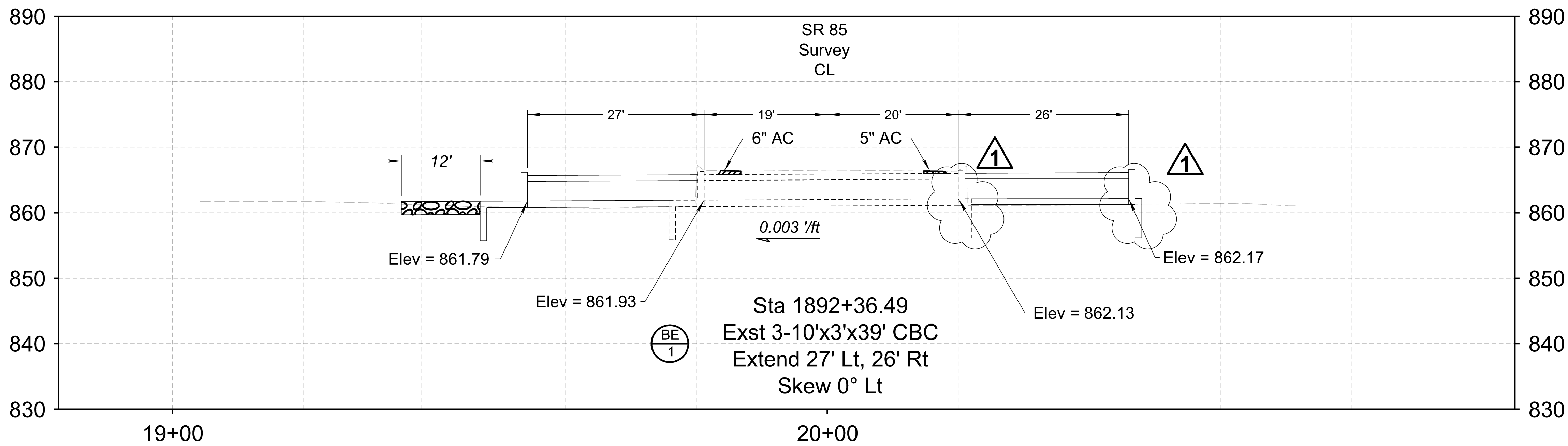
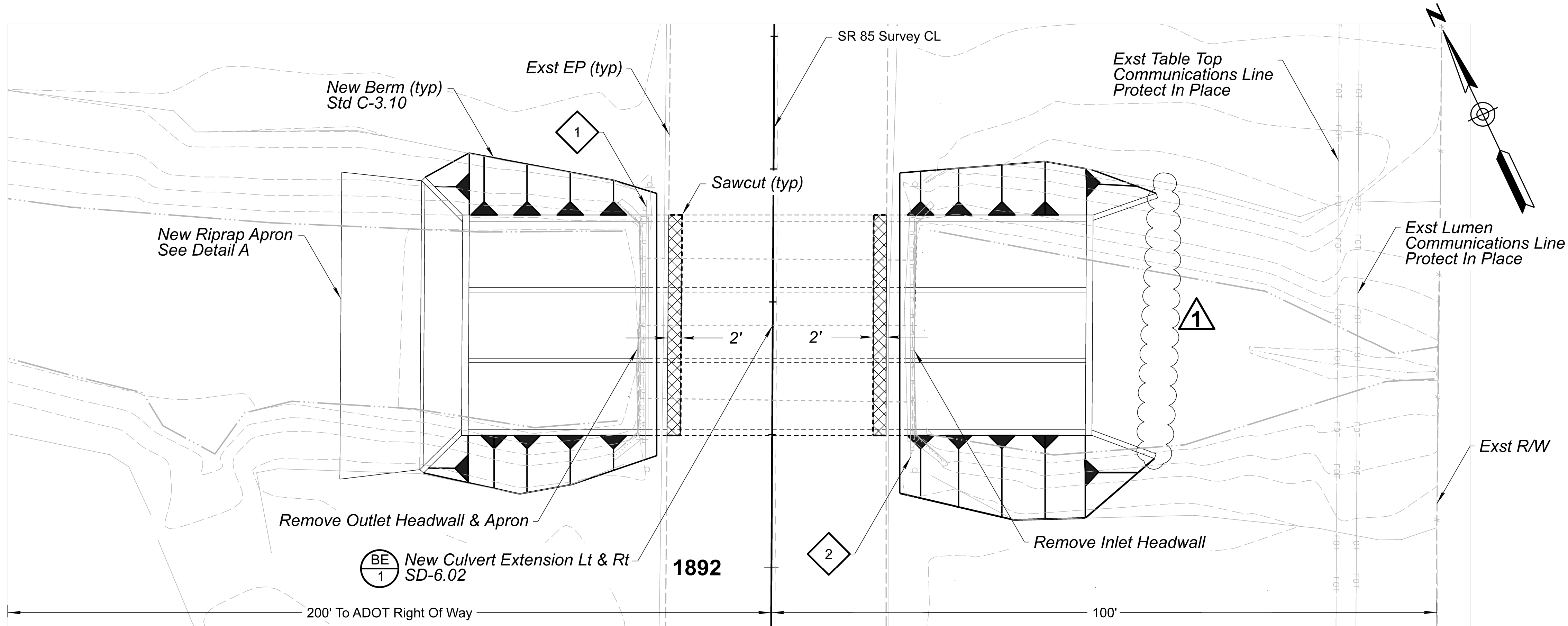
BRIDGE GROUP STRUCTURE DETAIL
DRAWINGS SD 6.01 TO SD 6.11 AND SD 6.20

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SECTION

**REINFORCED CONC BOX CULVERT
AND BOX CULVERT EXTENSION
SUMMARY SHEET**

E9845 6/4/2026 7:36:19 AM Z:\AZDOT\Configuration\WorkSpaces\AZDOT-2021R1\WorkSets\F0833\dgn\Roadway\F0833sc_ADD3.dgn \ Model Name: Culvert Summary Sheet

NO.	DESCRIPTION OF REVISIONS	MADE BY	DATE
	Culvert Apron Adjustment	MS	6/26



DETAIL D01



	NAME	DATE
DESIGN	J SPRADLEY	6/26
DRAWN	M STEINER	6/26
CHECKED	E EGGEN	6/26
TEAM LEADER	E. EGGEN	6/26

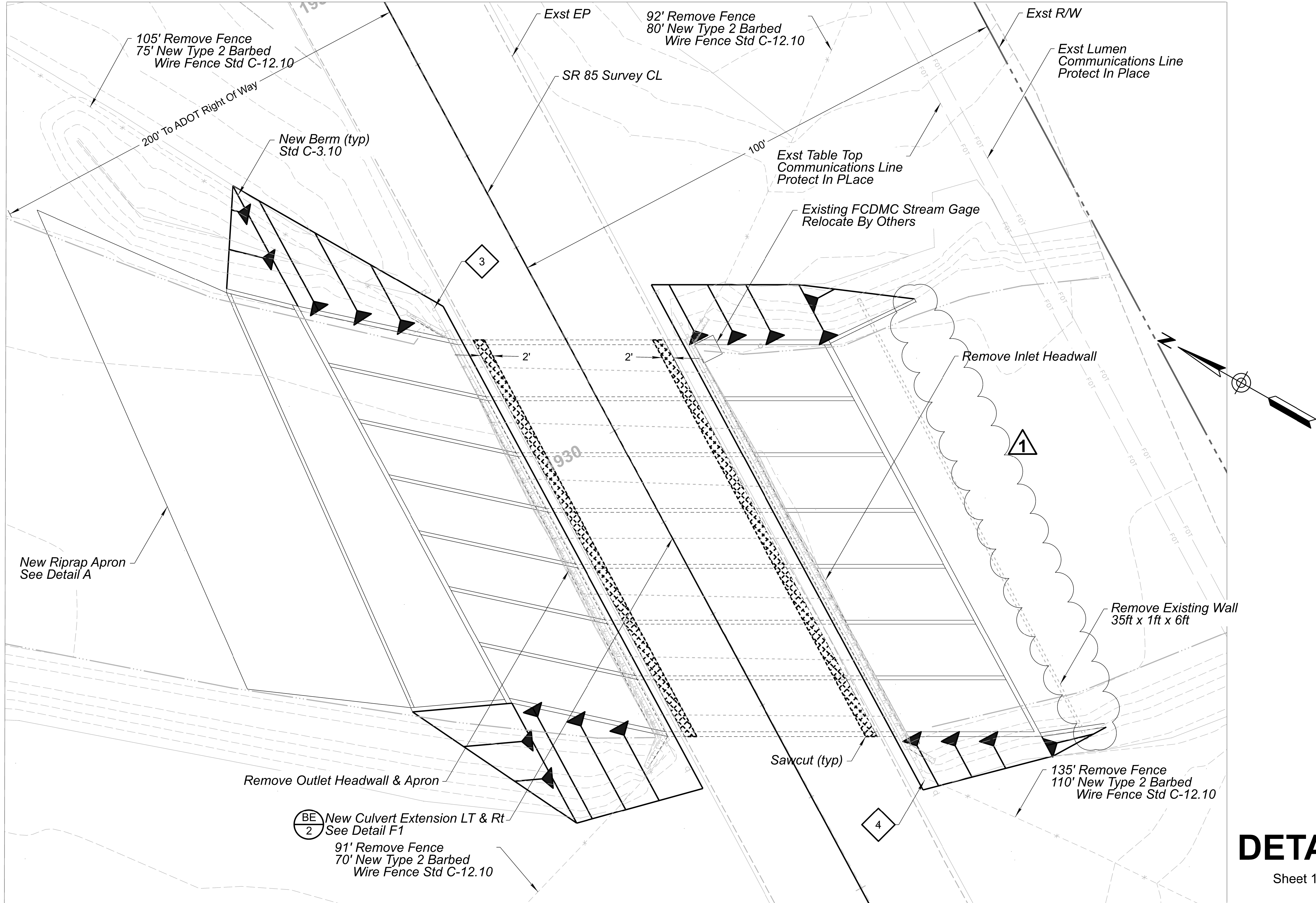
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SECTION

DETAIL D01

ROUTE	STATE	PROJECT NO.	FEDERAL ID NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
SR 85	ARIZ.	085 MA 004	085-A(210)T	5	30	
MILEPOST	LOCATION					SHEET OF
STRUCTURE NO.	F0833 01C					OF

NO.	DESCRIPTION OF REVISIONS		MADE BY	DATE
			MS	6/26

Plan Apron Adjustment



DETAIL D02
Sheet 1 of 2



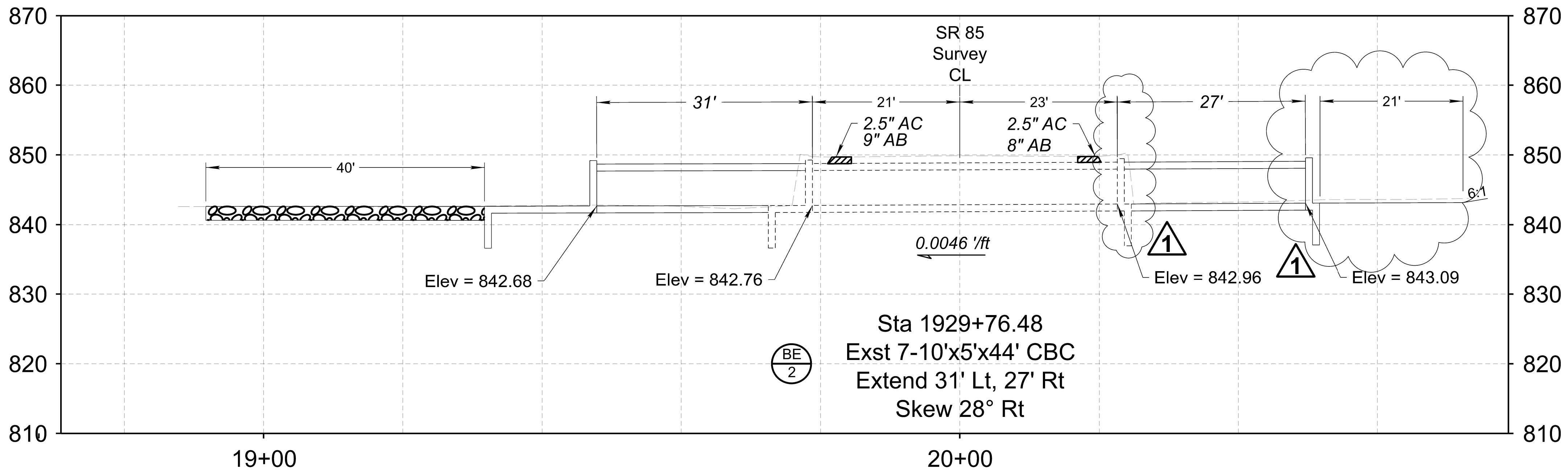
	NAME	DATE
DESIGN	J SPRADLEY	6/26
DRAWN	M STEINER	6/26
CHECKED	E EGGEN	6/26
TEAM LEADER	E. EGGEN	6/26

ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT DELIVERY AND OPERATIONS DIVISION ROADWAY DESIGN SECTION	
DETAIL D02	

ROUTE SR 85	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO. 085 MA 004	FEDERAL ID NO. 085-A(210)T	SHEET NO. 6	TOTAL SHEETS 30	RECORD DRAWING
MILEPOST	LOCATION QILOTOSA WASH - W THAYER RD						SHEET 1 OF 2
STRUCTURE NO.	TRACS NO. F0833 01C						___ OF ___

DESCRIPTION OF REVISIONS		
NO.	MADE BY	DATE
	MS	6/26

Profile Apron Adjustment

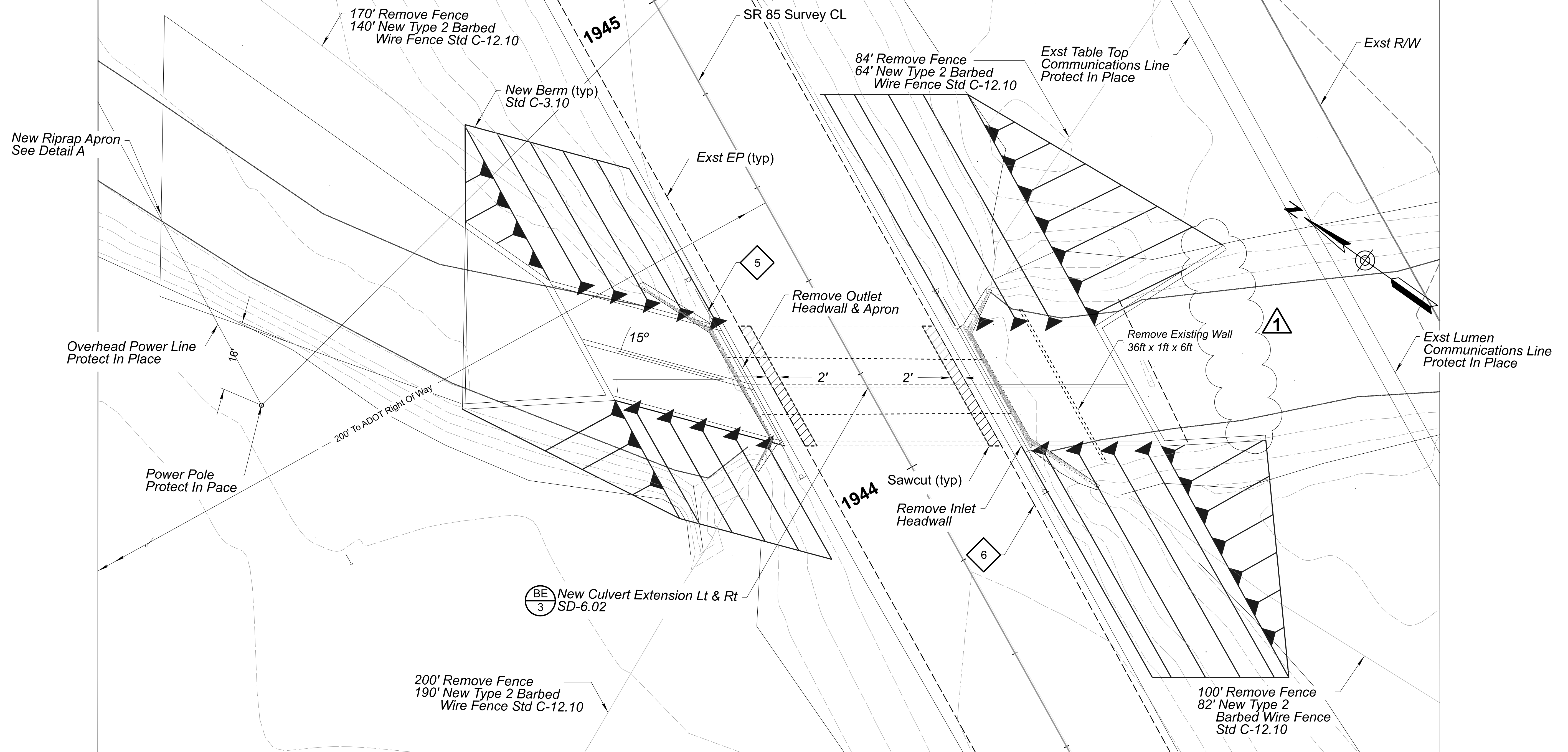


DETAIL D02

Sheet 2 of 2

Professional Engineer 53396 ERICA RAE EGGEN ARIZONA, U.S.A.	DESIGN	J SPRADLEY	6/26	ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT DELIVERY AND OPERATIONS DIVISION ROADWAY DESIGN SECTION	ROUTE	SR 85	F.H.W.A. Arizona Division	STATE	ARIZ.	PROJECT NO.	085 MA 004	FEDERAL ID NO.	085-A(210)T	SHEET NO.	7	TOTAL SHEETS	30	RECORD DRAWING
	DRAWN	M STEINER	6/26		MILEPOST													
	CHECKED	E EGGEN	6/26		STRUCTURE NO.					LOCATION	QILOTOSA WASH - W THAYER RD					SHEET 2 OF 2		
	TEAM LEADER	E. EGGEN	6/26							TRACS NO.	F0833 01C					OF		

NO.	DESCRIPTION OF REVISIONS	MADE BY	DATE
	Plan Apron Adjustment	MS	6/26



DETAIL D03

Sheet 1 of 2

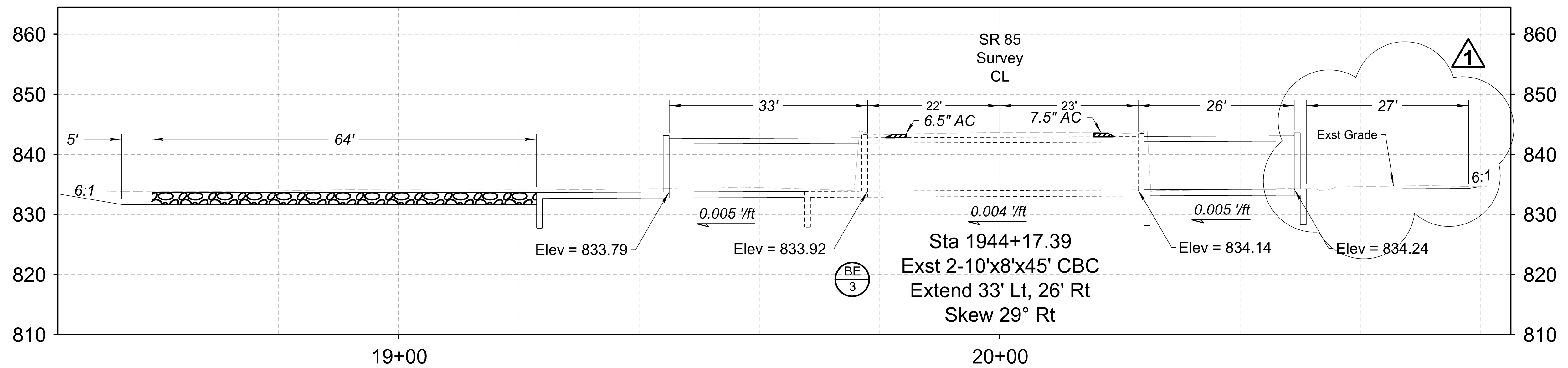
	NAME	DATE
DESIGN	J SPRADLEY	6/26
DRAWN	M STEINER	6/26
CHECKED	E EGGEN	6/26
TEAM LEADER	E. EGGEN	6/26

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SECTION

DETAIL D03

ROUTE SR 85	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO. 085 MA 004	FEDERAL ID NO. 085-A(210)T	SHEET NO. 8	TOTAL SHEETS 30	RECORD DRAWING
MILEPOST	LOCATION QILOTOSA WASH - W THAYER RD						SHEET OF
STRUCTURE NO.	TRACS NO. F0833 01C						OF

NO.	DESCRIPTION OF REVISIONS	MADE BY	DATE
	Profile Apron Adjustment	MS	6/26



DETAIL D03

Sheet 2 of 2

	NAME	DATE
DESIGN	J SPRADLEY	6/26
DRAWN	M STEINER	6/26
CHECKED	E EGGEN	6/26
TEAM LEADER	E. EGGEN	6/26

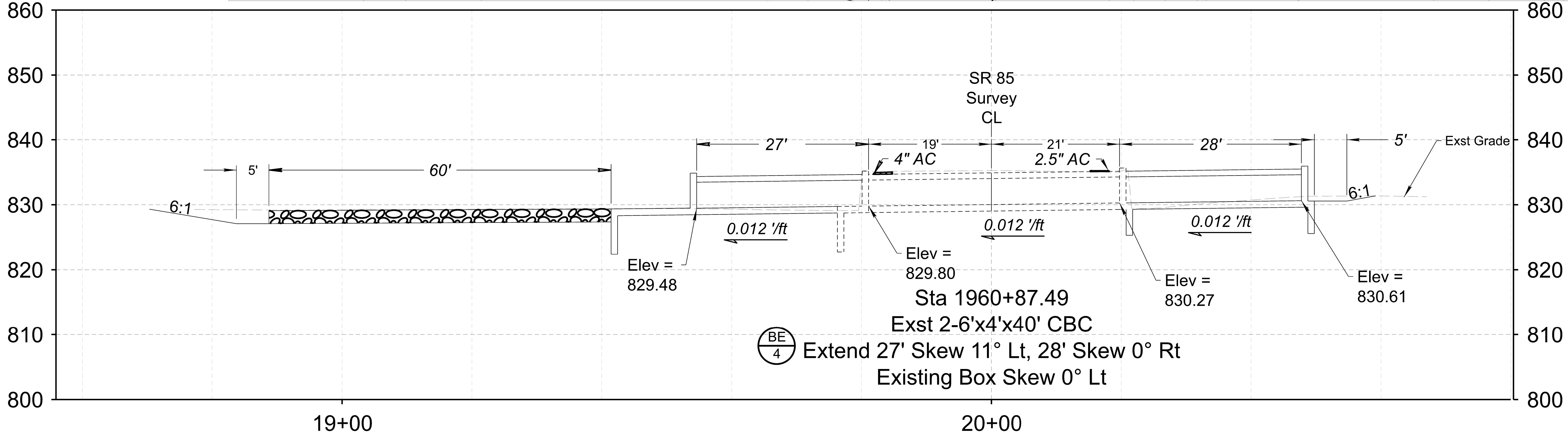
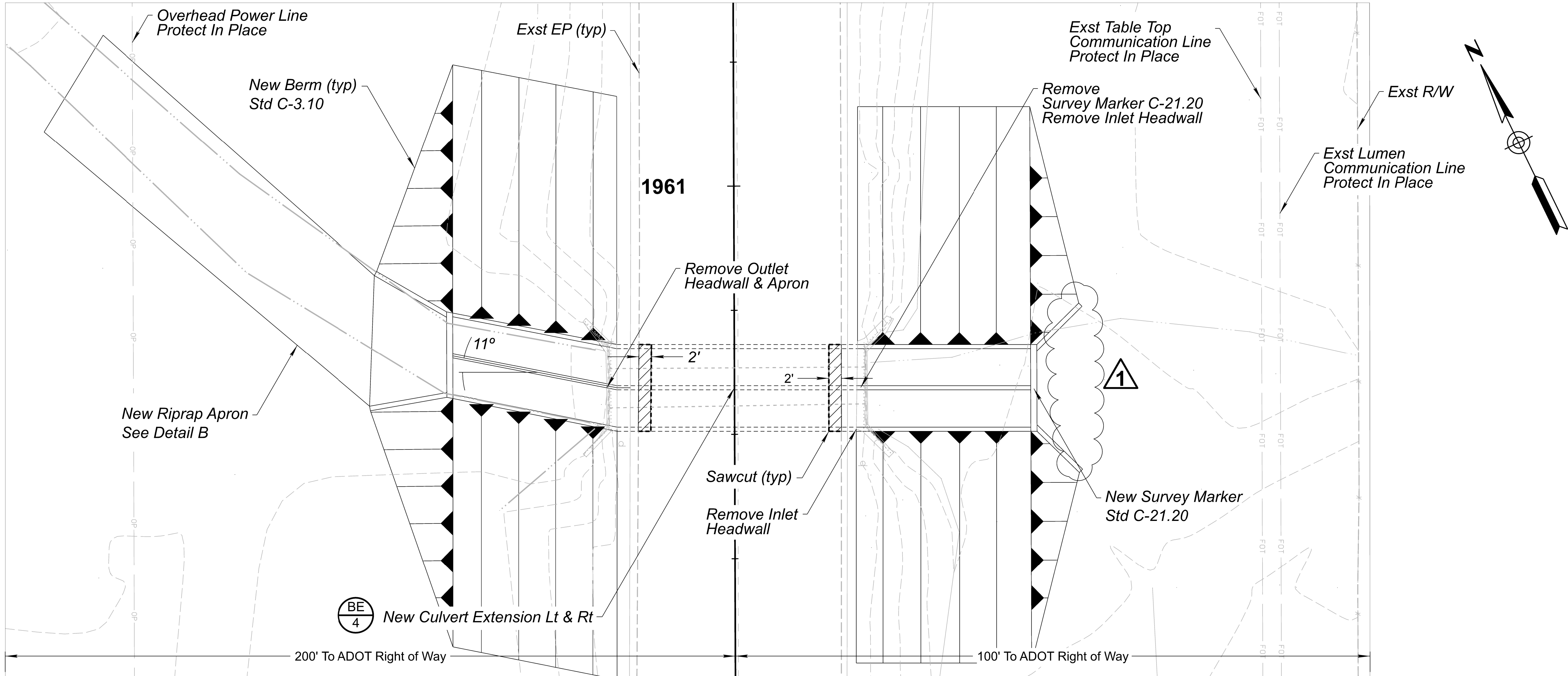
ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SECTION

DETAIL D03

ROUTE SR 85	F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO. 085 MA 004	FEDERAL ID NO. 085-A(210)T	SHEET NO. 9	TOTAL SHEETS 30	RECORD DRAWING
MILEPOST	LOCATION QILOTOSA WASH - W THAYER RD						SHEET 2 OF 2
STRUCTURE NO.	TRACS NO. F0833 01C					____ OF ____	

NO.	DESCRIPTION OF REVISIONS		MADE BY	DATE
			MS	6/26

Plan Apron Adjustment



DETAIL D04



	NAME	DATE
DESIGN	J SPRADLEY	6/26
DRAWN	M STEINER	6/26
CHECKED	E EGGEN	6/26
TEAM LEADER	E. EGGEN	6/26

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SECTION

DETAIL D04

ROUTE
SR 85

MILEPOST

STRUCTURE NO.

F.H.W.A. Arizona Division

STATE
ARIZ.

PROJECT NO.
085 MA 004

FEDERAL ID NO.
085-A(210)T

SHEET
NO.
10

TOTAL
SHEETS
30

RECORD DRAWING

LOCATION
QILOTOSA WASH - W THAYER RD

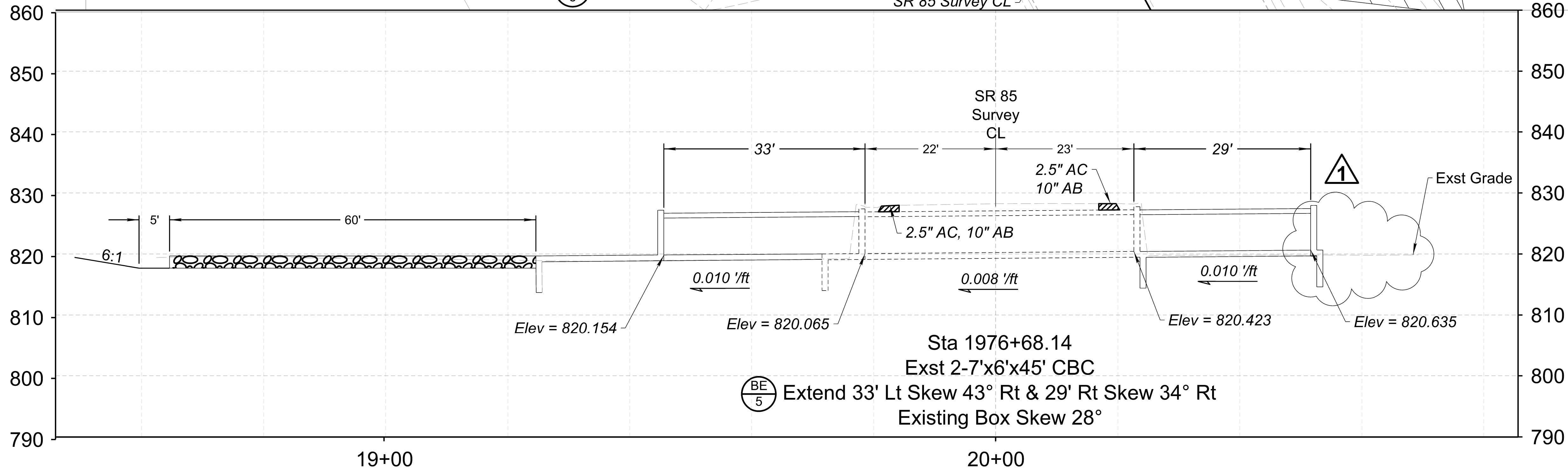
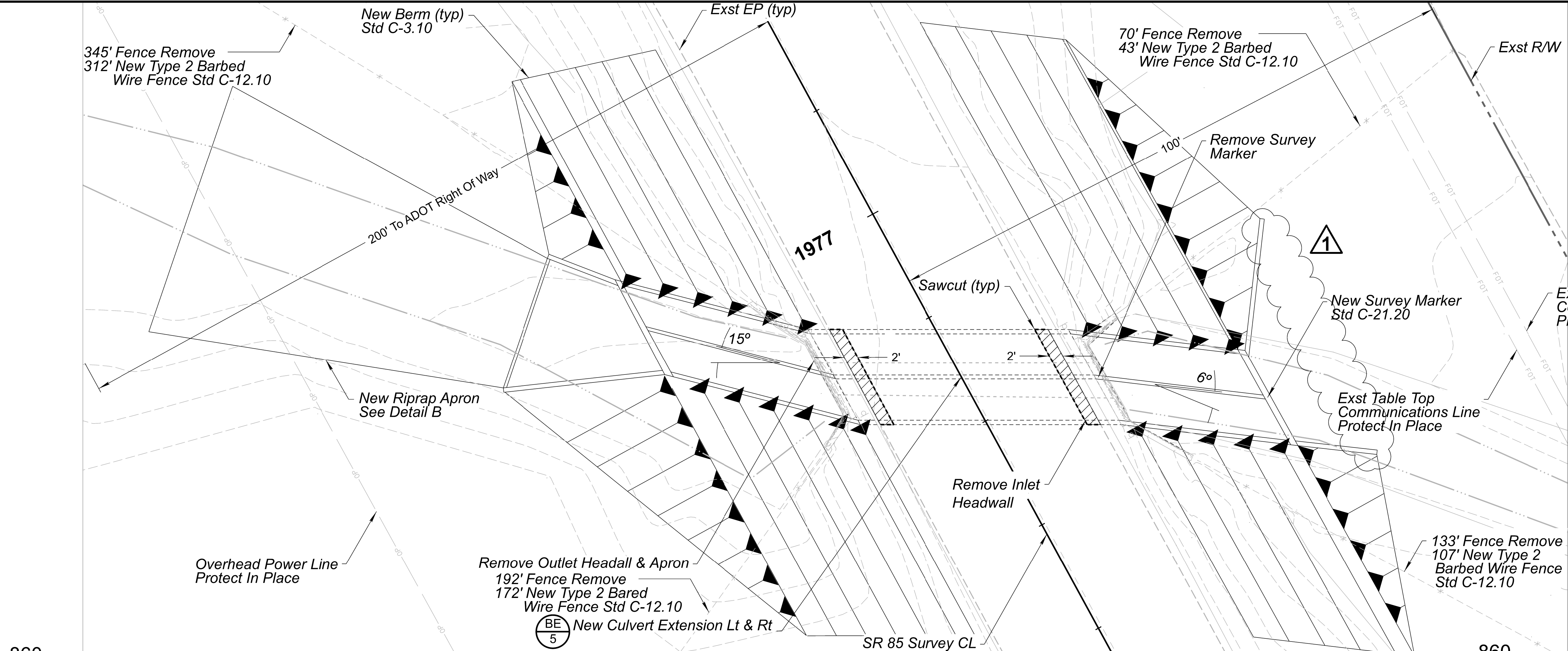
TRACS NO. F0833 01C

SHEET 1 OF 1

OF

NO.	DESCRIPTION OF REVISIONS		MADE BY	DATE
			MS	6/26

Plan, Profile Apron Adjustment



DETAIL D05



	NAME	DATE
DESIGN	J SPRADLEY	6/26
DRAWN	M STEINER	6/26
CHECKED	E EGGEN	6/26
TEAM LEADER	E. EGGEN	6/26

ARIZONA DEPARTMENT OF TRANSPORTATION
PROJECT DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SECTION

DETAIL D05

ROUTE
SR 85

MILEPOST

STRUCTURE NO.

F.H.W.A. Arizona Division

STATE
ARIZ.

PROJECT NO.
085 MA 004

FEDERAL ID NO.
085-A(210)T

SHEET
NO.
11

TOTAL
SHEETS
30

RECORD DRAWING

LOCATION
QILOTOSA WASH - W THAYER RD

TRACS NO. F0833 01C

SHEET 1 OF 1

OF