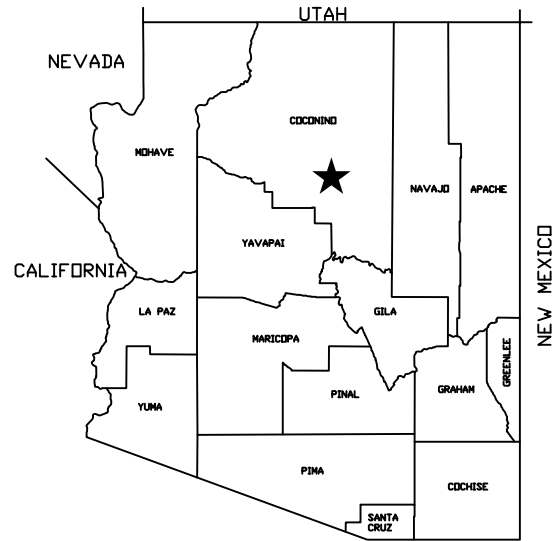


ON-RAMP WIDENING PROJECT

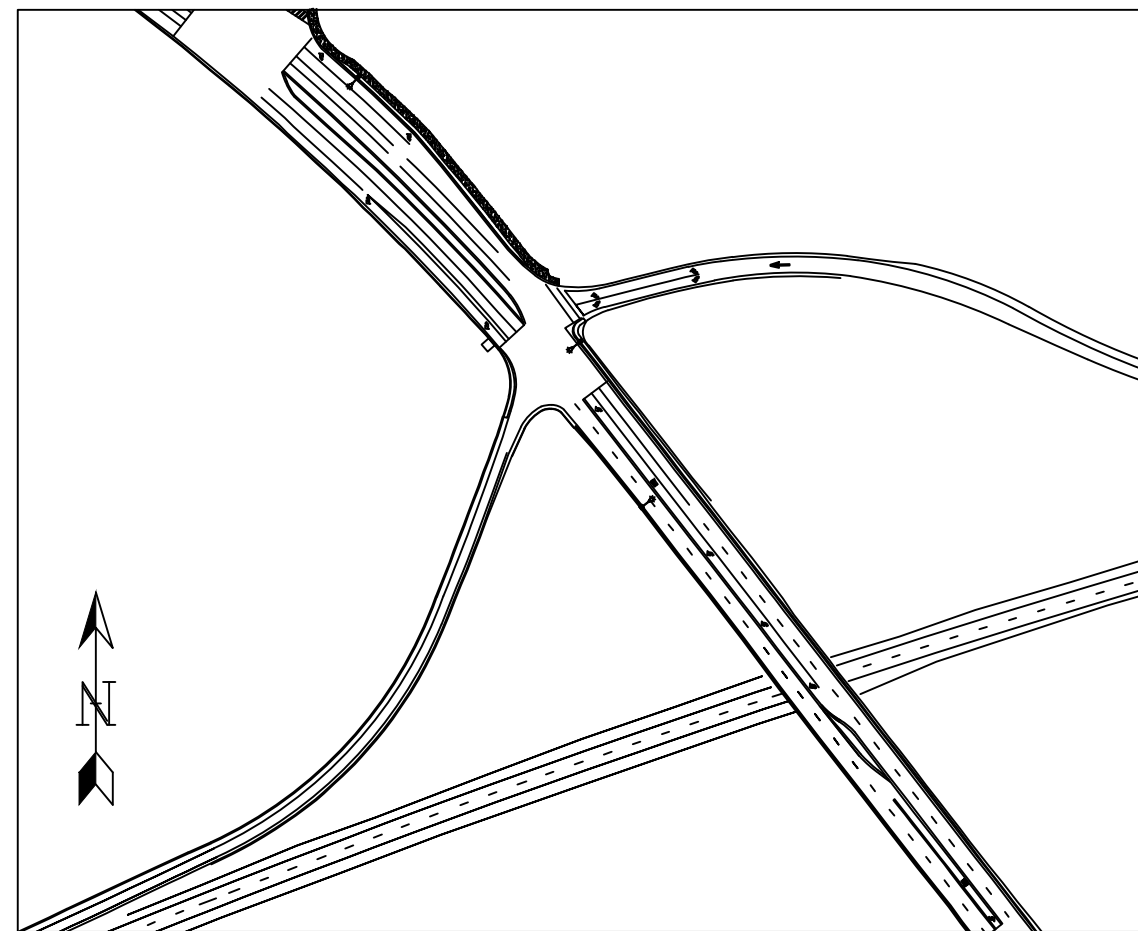
SR 89 - INTERSTATE 40 HIGHWAY
COUNTRY CLUB DRIVE NESTLE PURINA - HIGHWAY ENTRANCE



**ARIZONA DEPARTMENT
OF
TRANSPORTATION**
INTERNODAL
TRANSPORTATION
DIVISION



★ PROJECT LOCATION
COUNTY NAME: COCONINO
LENGTH OF PROJECT: 0.27 MILES
ADOT DISTRICT: NORTHEAST
DRAWING NUMBER: 6842976



PROJECT SITE MAP

SHEET LIST

- CV01 = COVER
- GN01 = GENERAL NOTES
- IX01 = INDEX
- DT01-DT04 = DETAILS
- DV01 = SHEET OVERVIEW
- GR01-GR05 = GRADING
- TX01-TX03 = TYPICAL SECTIONS
- PV01-PV08 = PLAN AND PROFILE
- DR01 = DRAINAGE
- EC01-EC02 = EROSION CONTROL

General Notes

1. Roadway plans have been designed utilizing the Construction Standard Drawing (C-Series). Refer to the 1A sheet of a listing of current revision dates.
2. Right-of-Way markers shall be furnished and placed by ADOT Right of Way Plans Section forces.
3. The project roadway shall be striped by the contractor in accordance with the current edition of the Signing and Marking Standard Drawings (M and S-Series) and the pavement marking plans.
4. The project roadway shall be striped by the contractor in accordance with the current edition of the Signing and Marking Standard Drawings (M and S-Series).
5. For Right-of-Way information not shown, see Right of Way Project No 6842976.
6. Bench markers will be furnished by the state and shall be placed by the contractor: Std C-21.20.
7. Pavement lift thickness is nominal
8. 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 BLUE STAKE LAWS AND SECTION 107.15 OF THE SPECIFICATIONS.
9. DELINEATORS, OBJECT MARKERS AND MILE POST MARKERS SHALL BE REMOVED AND RESET AS REQUIRED.
10. THE AVERAGE PROJECT ELEVATION IS 6812.5 ft.
11. NEW RIGHT OF WAY AND EASEMENTS ARE NOT REQUIRED.
12. CHANGES IN LOCATION OR LENGTH OF SPILLWAY OR DOWNDRAIN INSTALLATION MAY BE MADE BY THE ENGINEER TO IMPROVE DRAINAGE CONDITIONS.
13. SURVEY MONUMENTS IN THE MEDIAN MUST NOT BE DISTURBED.
14. SLOPE ROUNDING SHALL BE APPLIED PER STANDARD C-02 SERIES UNLESS OTHERWISE NOTED.
15. RIGHT OF WAY IS NOT REQUIRED. SPECIFIC USE EASEMENTS ARE REQUIRED: SEE PLANS.
16. THE PAVEMENT SHOULDERS SHALL BE TREATED WITH A RUMBLE STRIP: SEE TRAFFIC SHEETS.

DATE	REV 1:	REV 2:	
05/05/20			
I-40/CC IMPROVEMENT PROJECT			LOCATION FLAGSTAFF, AZ
DESIGN	N/A	SHEET TITLE	
DRAWN	ZJ	GN01	
CHECK	MT	NO. 02	OF 27

LINE TYPES

	=	CENTER LINE
	=	EDGE LINE
	=	EX BOC
	=	EX CONTOUR
	=	EX EOP
	=	EX GUARD RAIL
	=	EX GUTTER
	=	EX RETAINING WALL
	=	EX STORM PIPE
	=	PROP BOC
	=	PROP CONTOUR
	=	PROP EOP
	=	PROP GUARD RAIL
	=	PROP GUTTER
	=	PROP RETAINING WALL
	=	PROP STORM PIPE
	=	SAW CUT
	=	WATTLE

HATCHING TYPES

	=	PCCP
	=	PROPOSED PVMT
	=	AB
	=	AC
	=	TACK COAT
	=	AR-ACFC
	=	EARTH

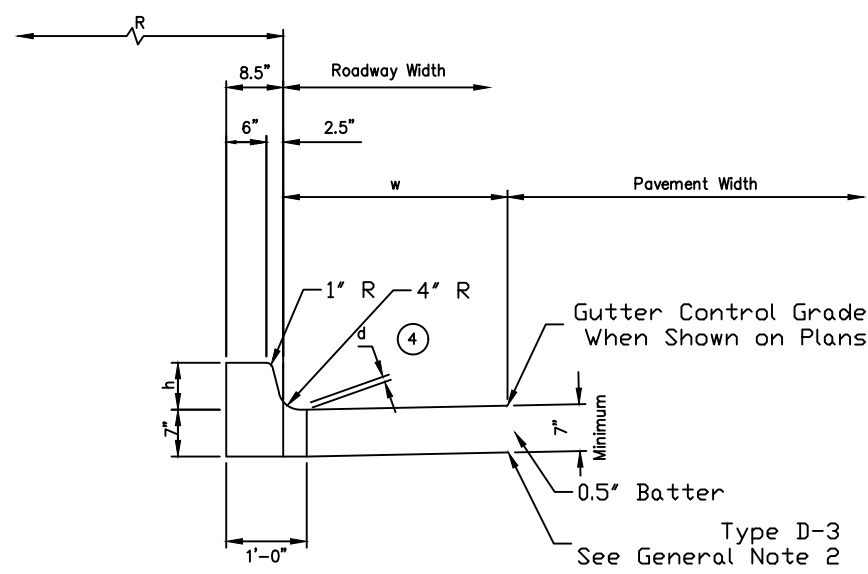
SYMBOLS

	=	CATCH BASIN
	=	LIGHT POLE

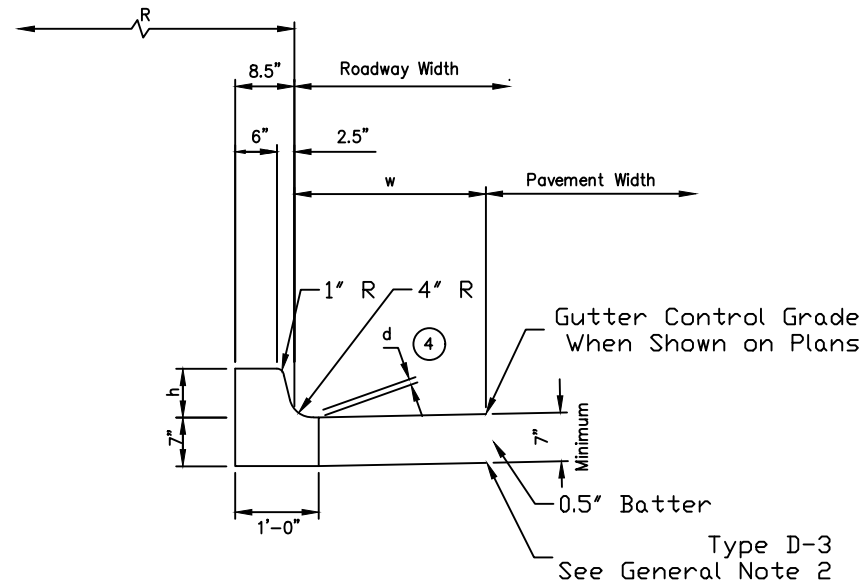
ABBREVIATIONS

AB	=	AGGREGATE BASE
ABC	=	AGGREGATE BASE COARSE
AC	=	ASPHALTIC CONCRETE
ADOT	=	ARIZONA DEPARTMENT OF TRANSPORTATION
AR-ARCF	=	ASPHALT RUBBER-ASPHALT CONCRETE FRICTION COARSE
BOC	=	BACK OF CURB
CC	=	COUNTRY CLUB
⊕	=	CENTERLINE
CL	=	CENTERLINE
CMP	=	CORRUGATED METAL PIPE
CONC.	=	CONCRETE
D	=	DIAMETER
DTL	=	DETAIL
DWG	=	DRAWING
EA	=	EACH
⊔	=	EDGE LINE
EL	=	EDGE LINE
ELEV	=	ELEVATION
EOP	=	EDGE OF PAVEMENT
EX	=	EXISTING
GRD	=	GRADE
INV	=	INVERT
LF	=	LINEAR FEET
MIN	=	MINIMUM
MAX	=	MAXIMUM
NO.	=	NUMBER
PCCP	=	PORTLAND CEMENT CONCRETE PAVEMENT
PROP	=	PROPOSED
PVMT	=	PAVEMENT
R	=	RADIUS
RCBC	=	REINFORCED CONCRETE BOX CULVERT
SR	=	STATE ROUTE
STA	=	STATION
STD	=	STANDARD
SY	=	SQUARE YARD
THRU	=	THRU
TYP.	=	TYPICAL
W	=	WIDTH

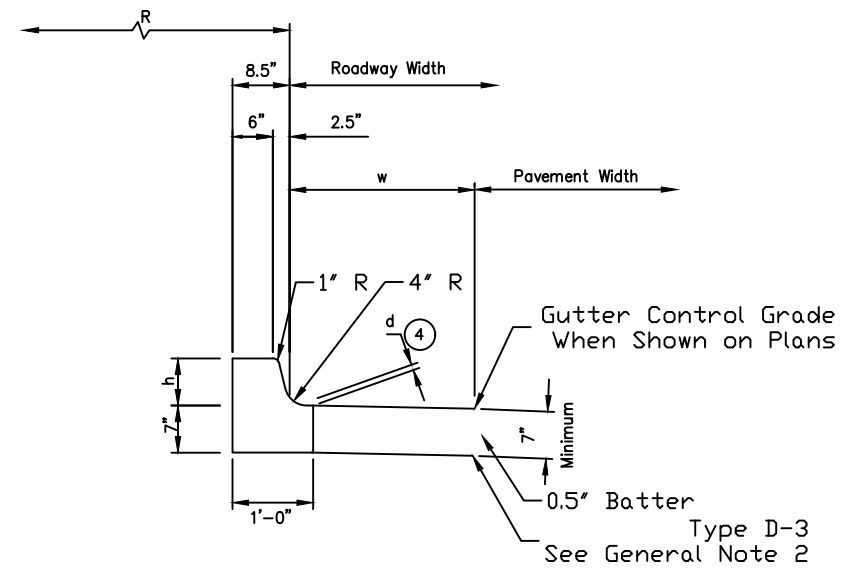
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DRAWN		FLAGSTAFF, AZ			
		LOCATION			
CHECK	ZJ	NO.	03	OF	27
SHEET TITLE		IX01			



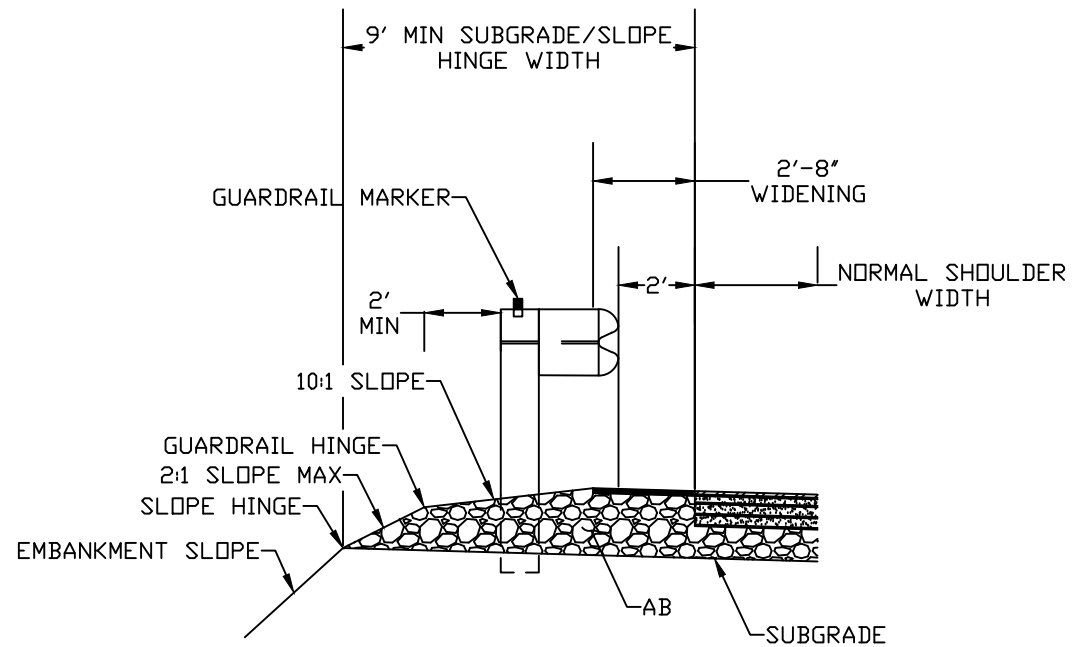
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TYPE D-1, H=7"



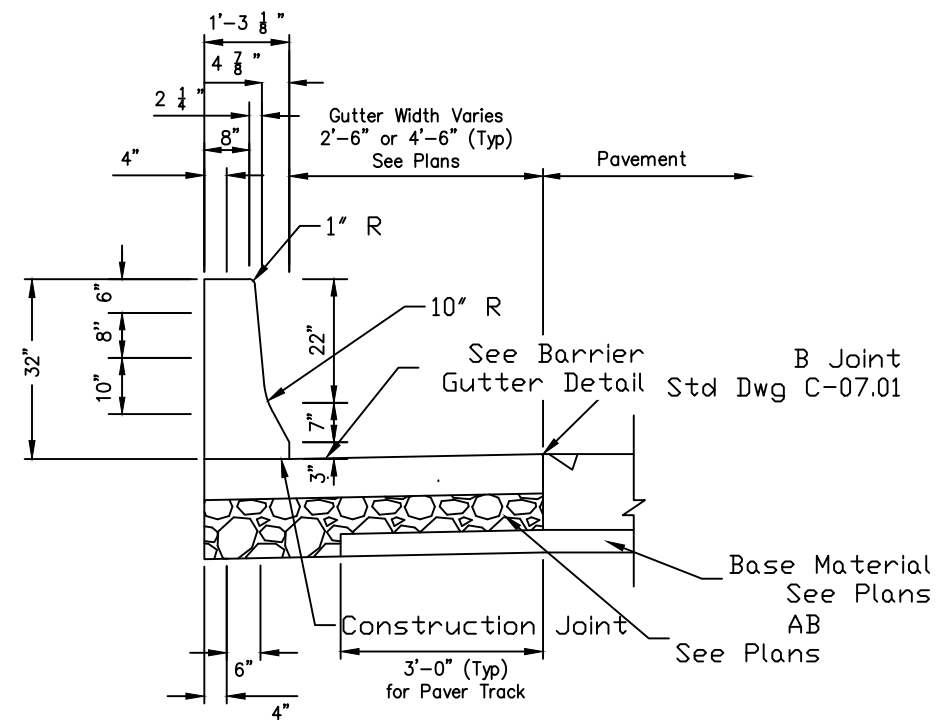
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TYPE D, H=7"



ADDOT STD DTL C-5.10
TYPE D-3, H=7"

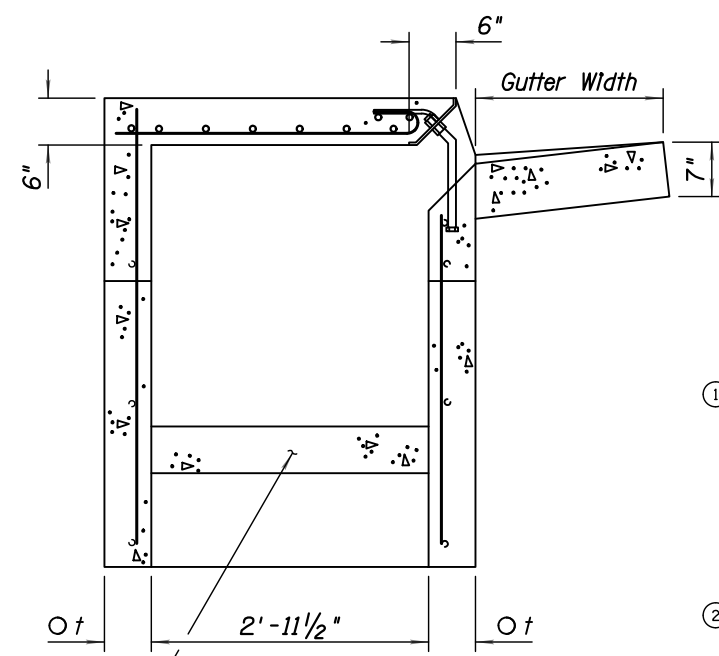
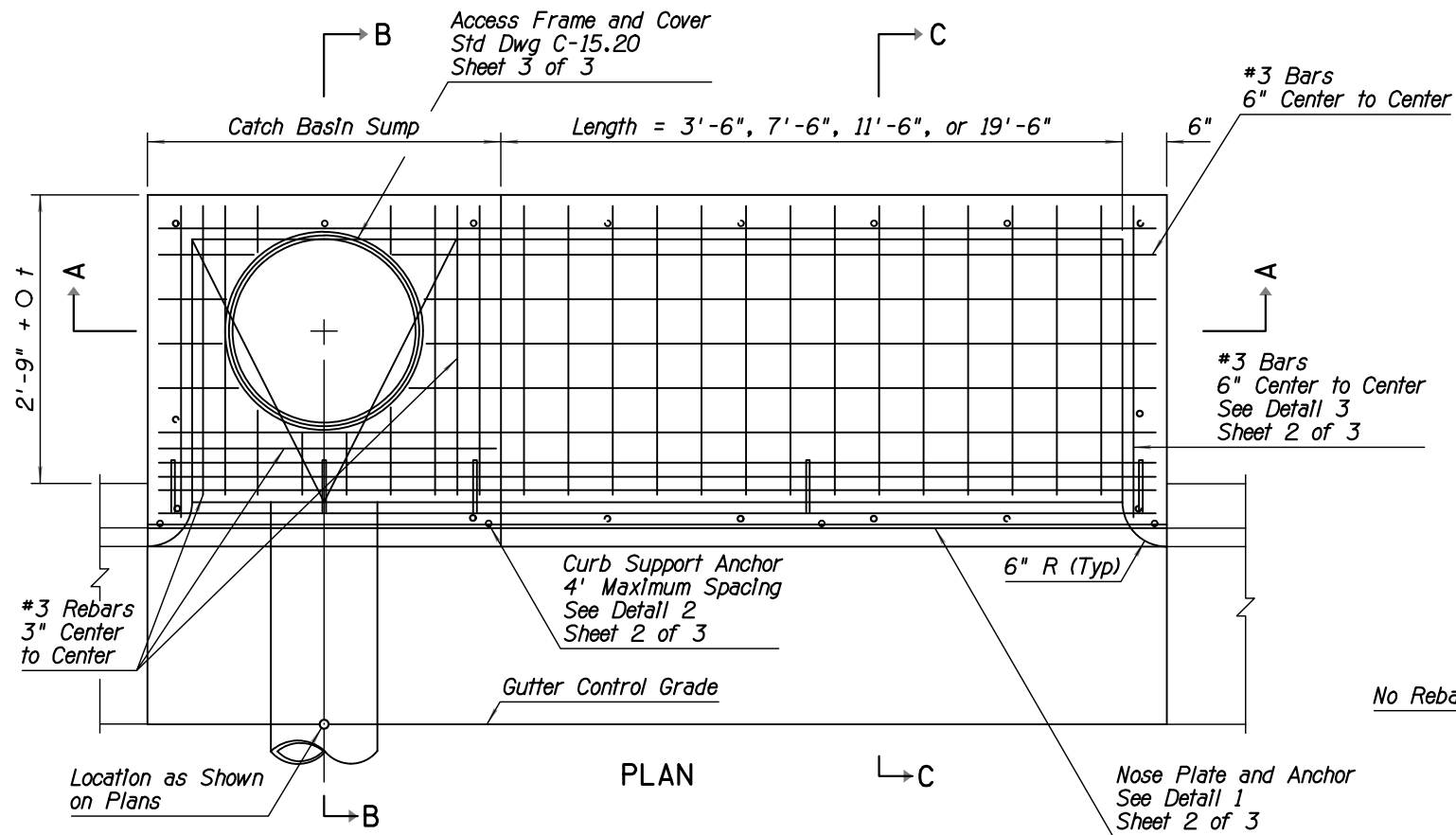


ADDOT STD DTL
C-10.01
NO EMBANKMENT CURB
GUARDRAIL

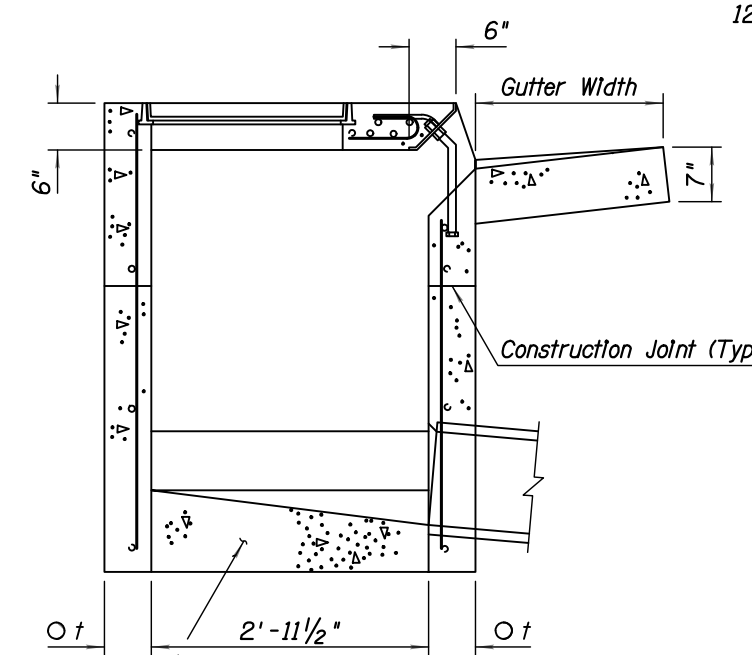


ADDOT STD DTL C-10.52
TYPE F, GUTTER = 2.5'
CONCRETE HALF BARRIER

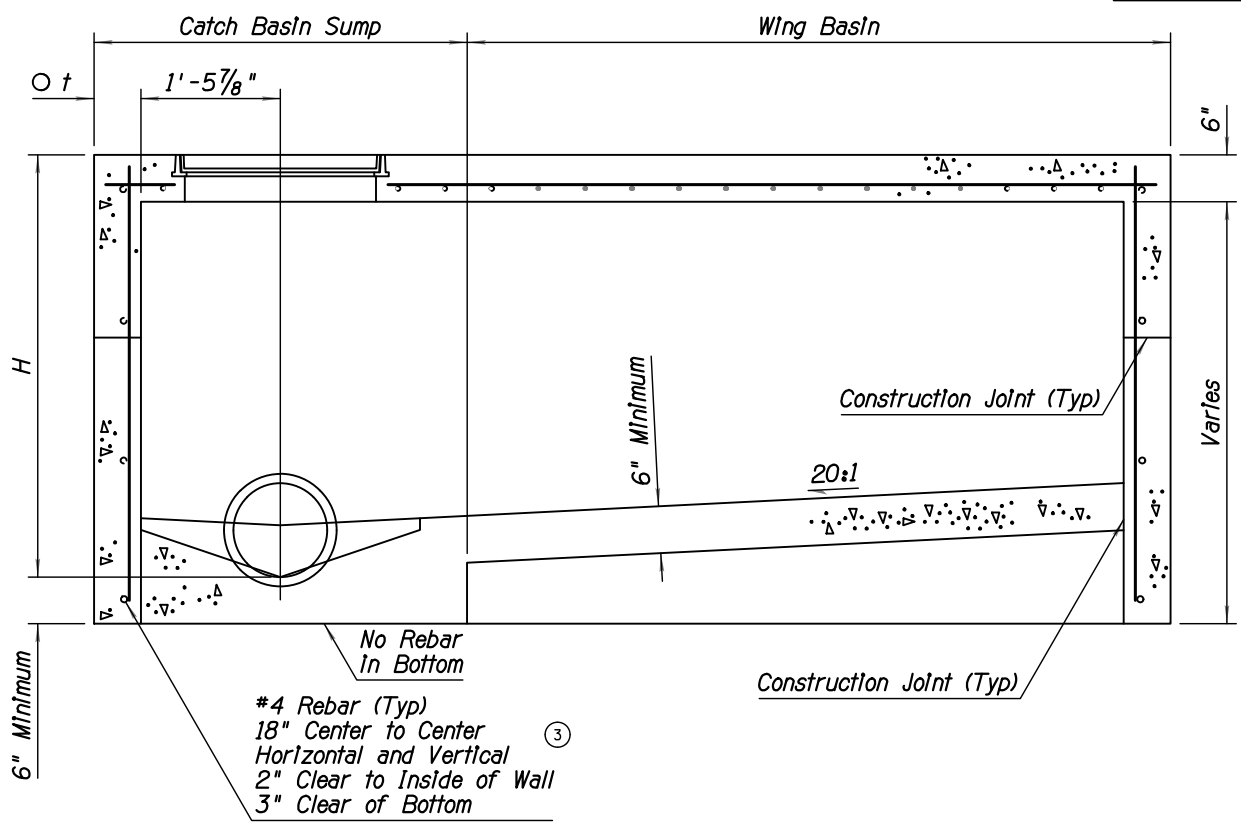
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DESIGN	ADOT	SHEET TITLE		DT01	
DRAWN	MT	NO. 04		OF 27	
CHECK	ZJ	LOCATION		FLAGSTAFF, AZ	
I-40/CC IMPROVEMENT PROJECT					



SECTION C-C



SECTION B-B



SECTION A-A
USE THIS SECTION WHEN H=5' OR LESS

GENERAL NOTES

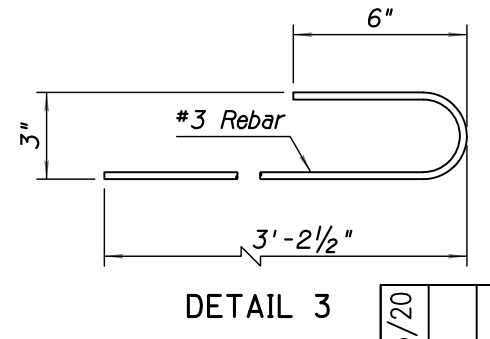
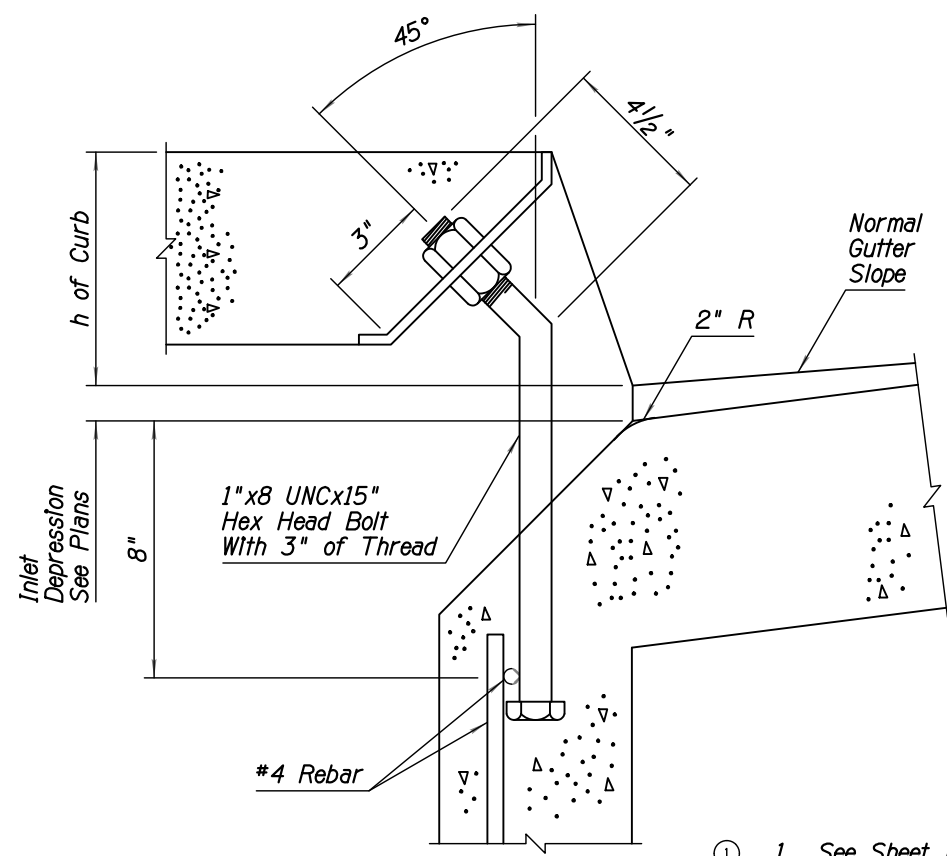
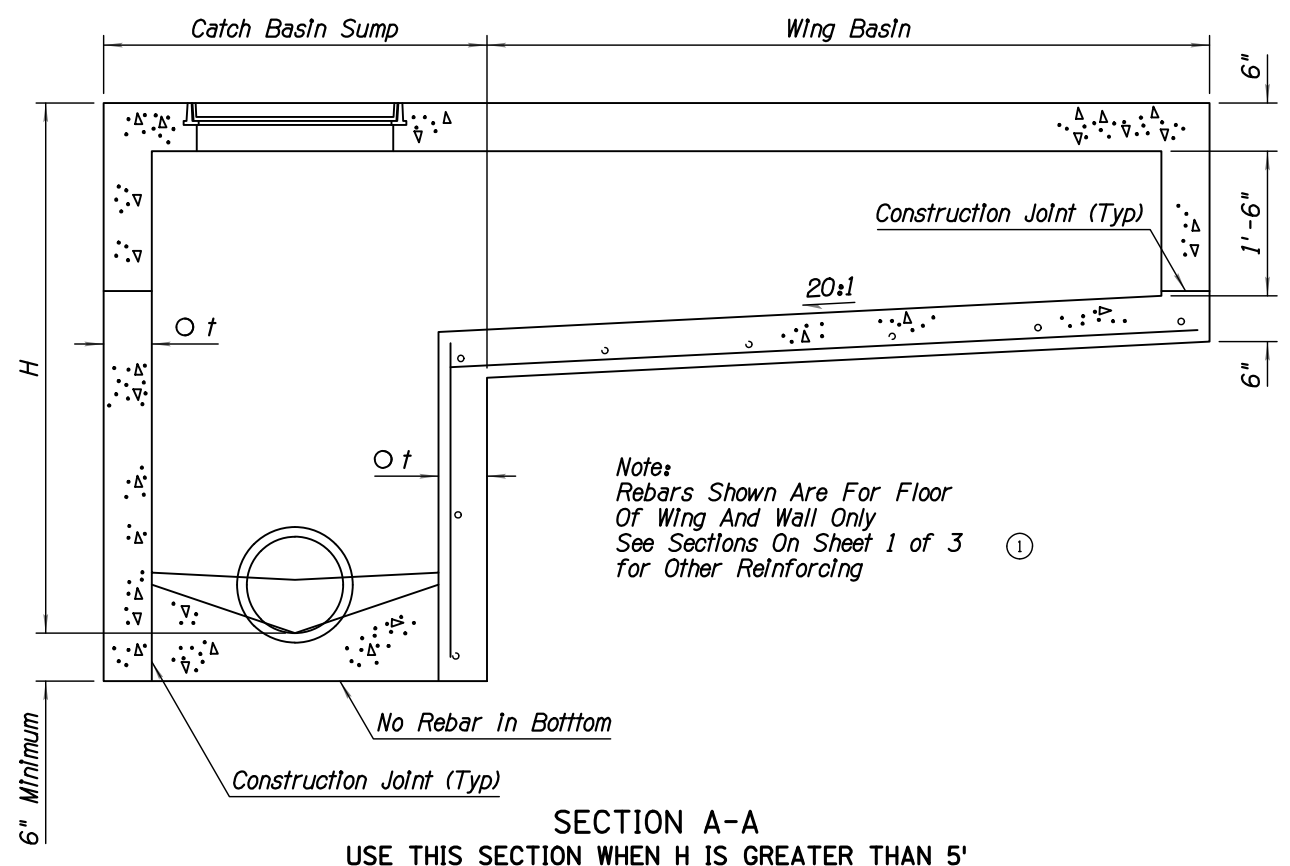
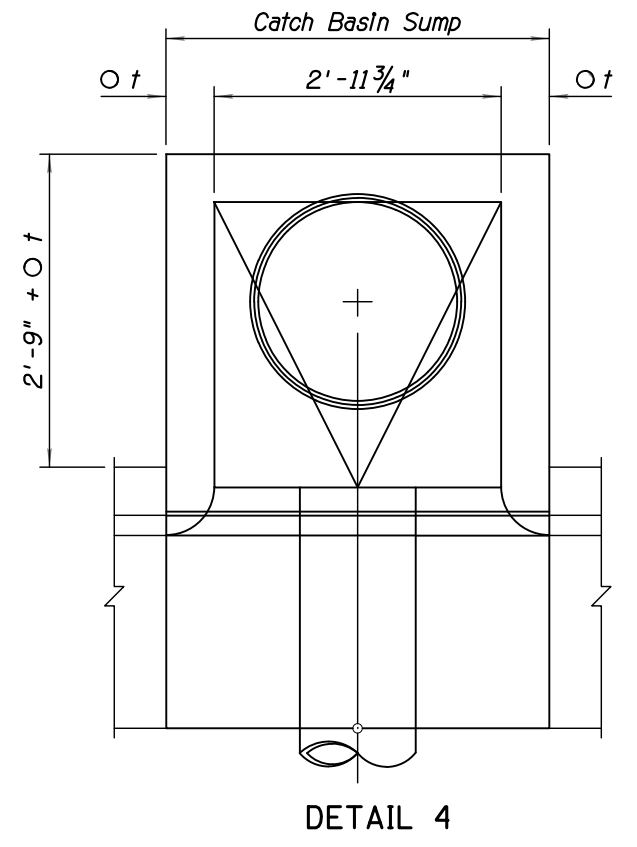
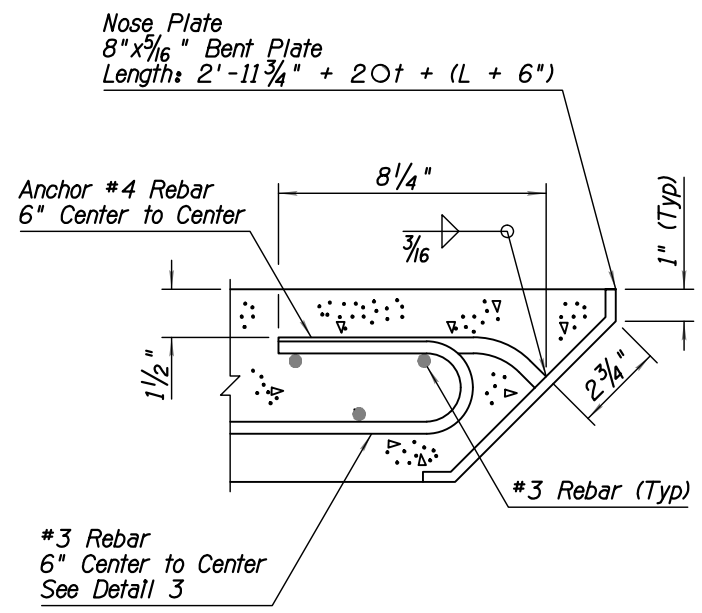
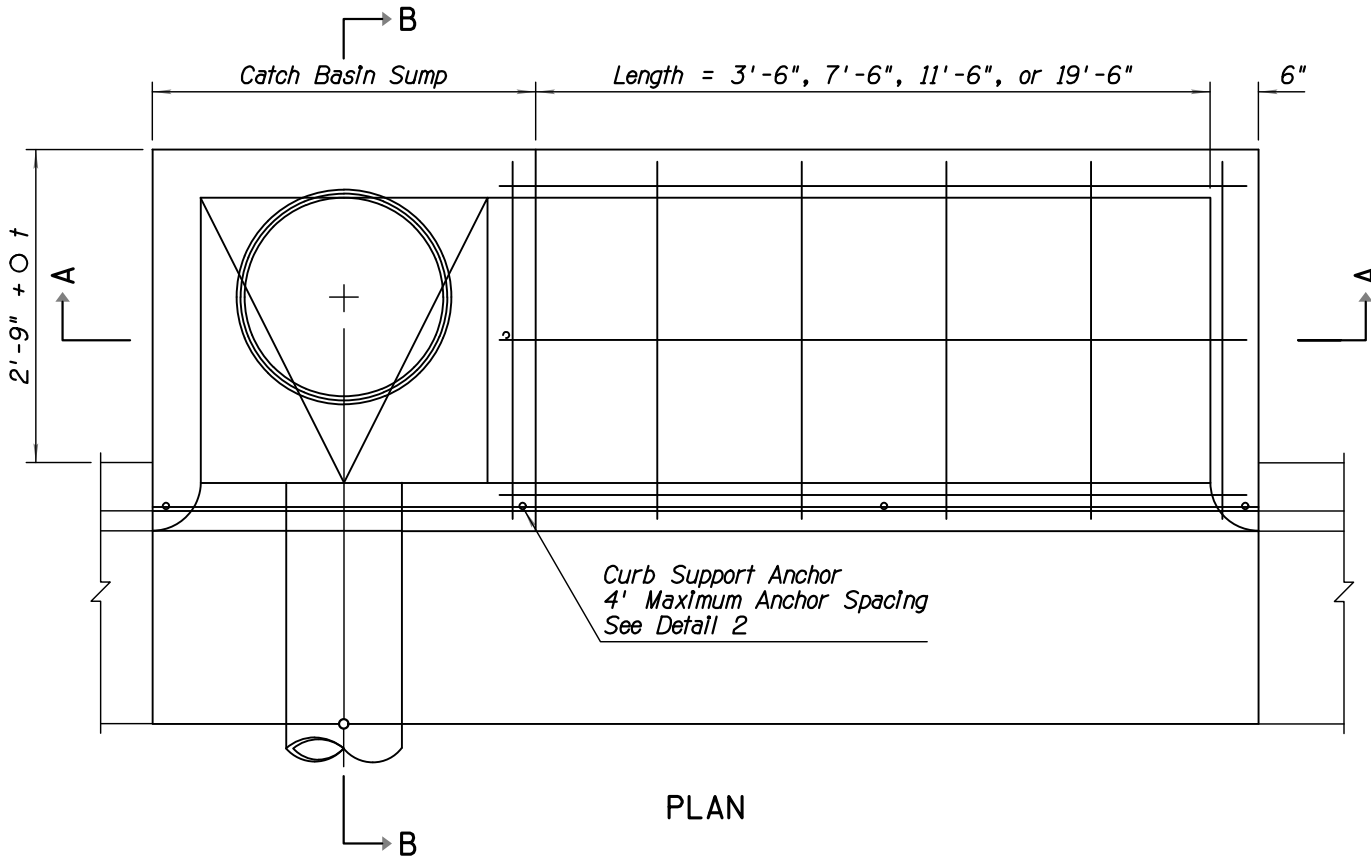
1. Catch basin can be used on grade or at roadway sag.
2. Catch basin has three configurations:
 Sump Only-Sump portion of catch basin (See Detail 4, Sheet 2 of 3).
 Single Wing (Illustrated)-Sump with wing basin upstream.
 Double Wing-Sump with symmetrical wing basins each side.
3. Pipes can be placed in any wall except wall adjacent to wing basin.
4. Floor shall be a wood troweled finish. Slope of the sump portion of the catch basin along the axis of the pipe shall be 4:1.
- ① 5. Any specified Inlet depression shall be warped to opening according to Std Dwg C-15.70.
6. All rebar shall be ASTM A36.
7. Nose plate, access frame and cover shall be given one shop coat of Number 1 paint.
8. All concrete shall be Class B.
- ② 9. Curb opening area (sq ft) per Inch of curb "h" + gutter depression = curb opening length (ft) x 0.0833.
- ① 10. All welding shall be in accordance with Std Spec 604-3.06.
- ① 11. Construction joints and drains shall be placed to meet field conditions. See Std Dwg C-15.70.
12. $O t = 6"$ when H is 8' or less.
 $8"$ when H is greater than 8'.

DATE	05/05/20	REV 1:		REV 2:	
I-40/CC IMPROVEMENT PROJECT					
LOCATION					FLAGSTAFF, AZ
DESIGN	ADOT	SHEET TITLE		DT02	
DRAWN	RL				
CHECK	MT	NO.	05	OF	27

SCALE NTS

PRODUCED BY AN AUTODESK STUDENT VERSION

PRODUCED BY AN AUTODESK STUDENT VERSION

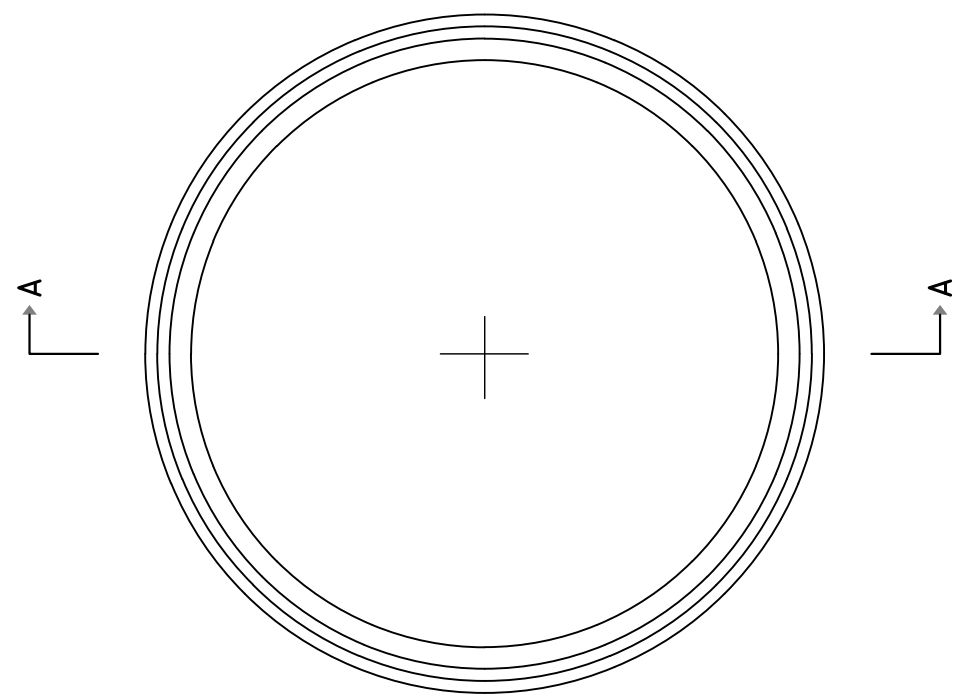


- GENERAL NOTES**
- ① 1. See Sheet 1 of 3 for other dimensions, notes and rebar.
 - 2. O t = 6" when H is 8' or less
8" when H is greater than 8'

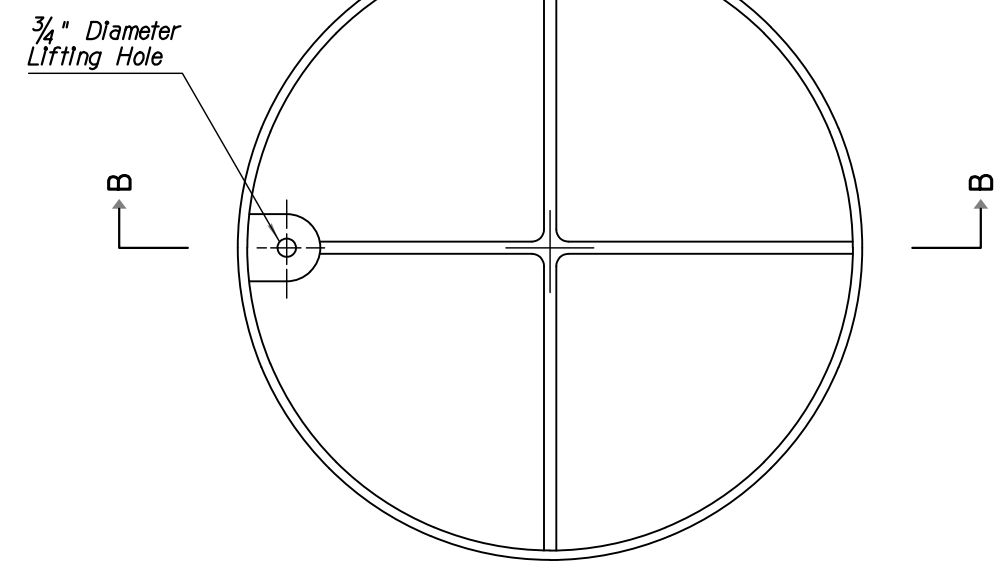
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DRAWN		RL	DT03	
CHECK		MT	NO. 06 OF 27	
SCALE		NTS	LOCATION	
			I-40/CC IMPROVEMENT PROJECT	
			FLAGSTAFF, AZ	

GENERAL NOTES

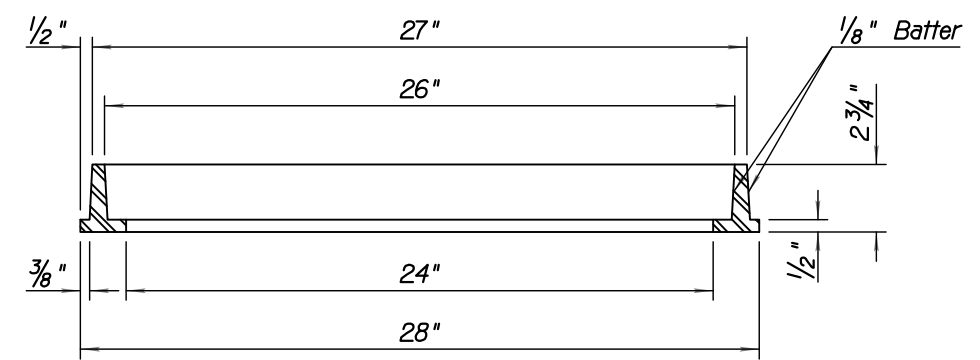
1. Cover shall be non-locking.
2. Frame and cover shall be cast Iron or structural steel.
3. Catch basin access frame and cover is for use in sidewalk area only.
4. Cover shall be filled with concrete and broom finished.



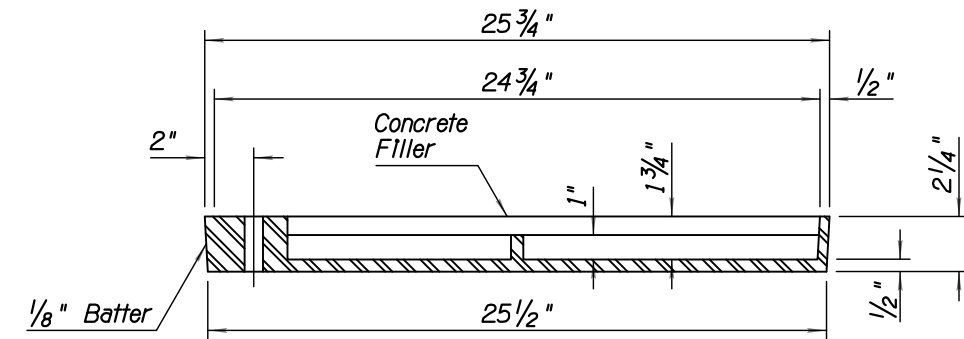
PLAN



PLAN

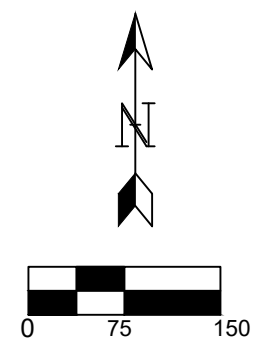
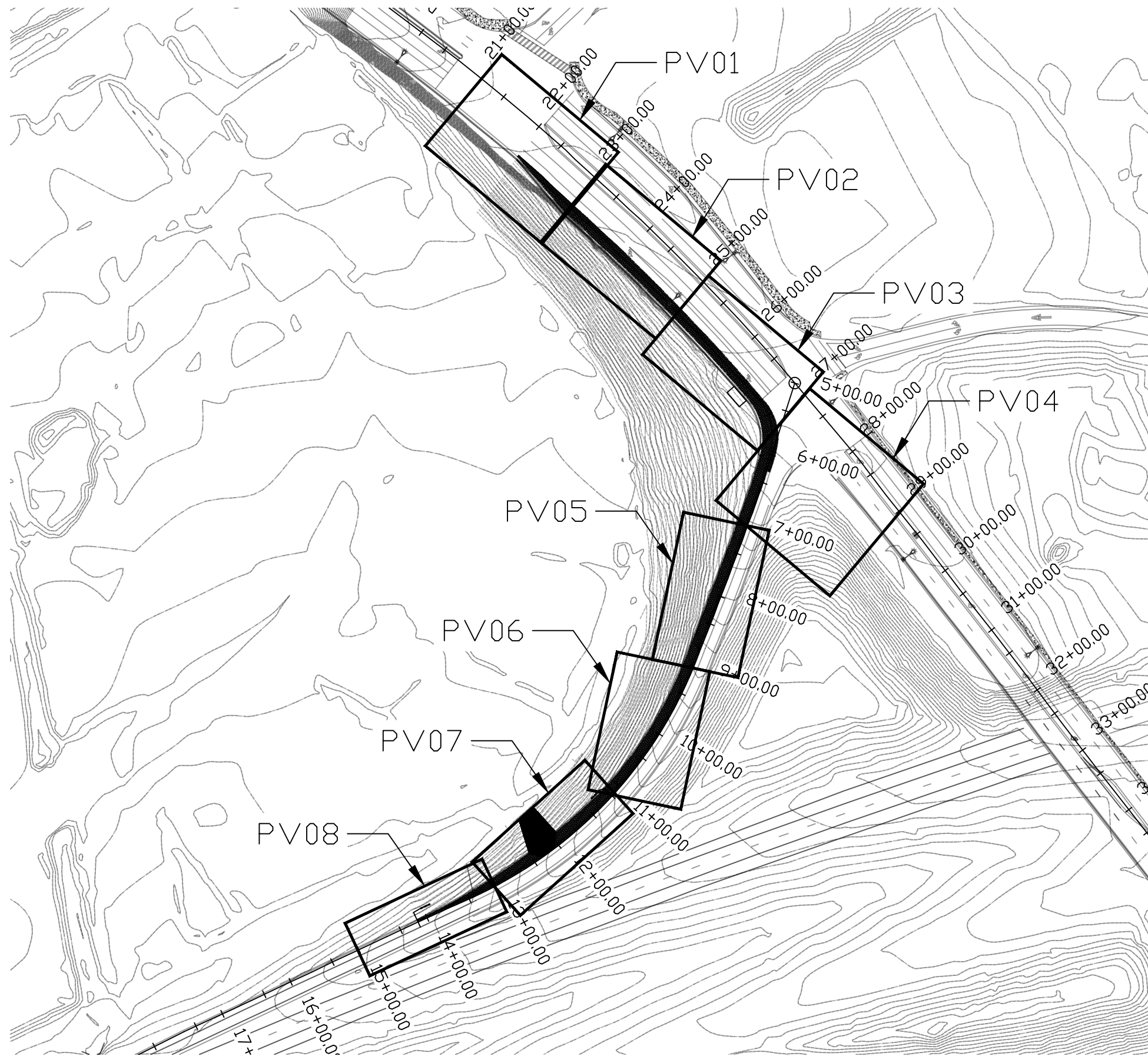


SECTION A-A
FRAME

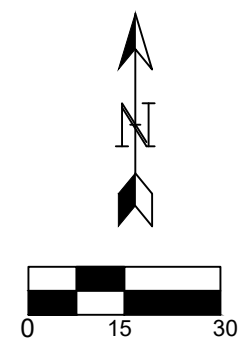
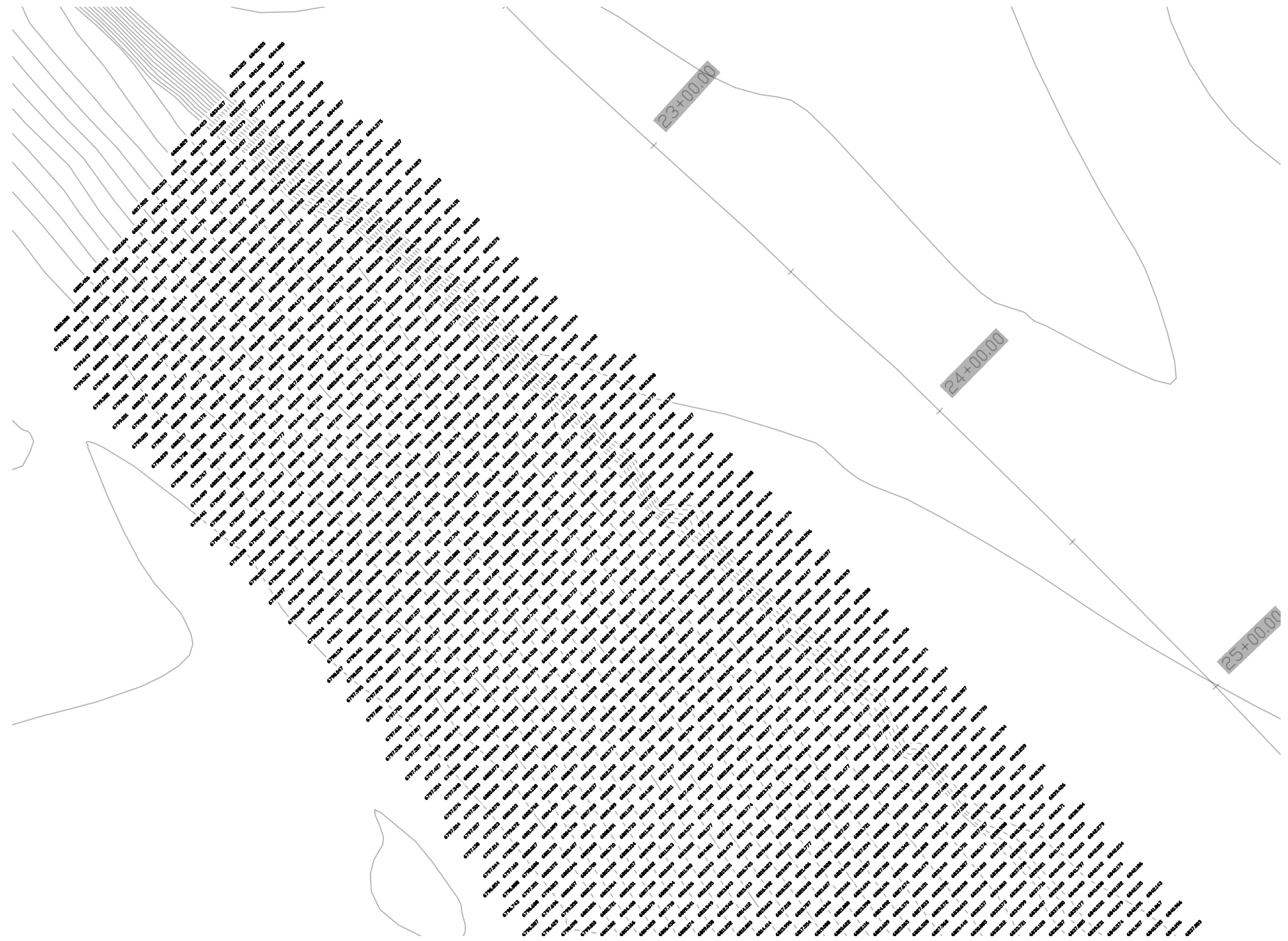


SECTION B-B
COVER

DATE	05/05/20	REV 1:		REV 2:	
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DRAWN		RL	DT04		
CHECK		MT	NO. 07	OF 27	
SCALE		NTS	LOCATION		
			I-40/CC IMPROVEMENT PROJECT FLAGSTAFF, AZ		

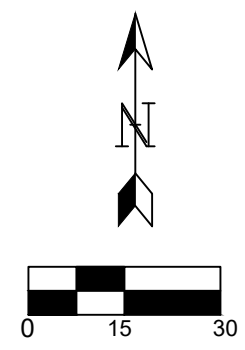


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DESIGN	MT	SHEET TITLE		OV01	
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CHECK	ZJ				

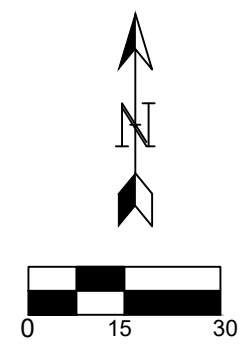
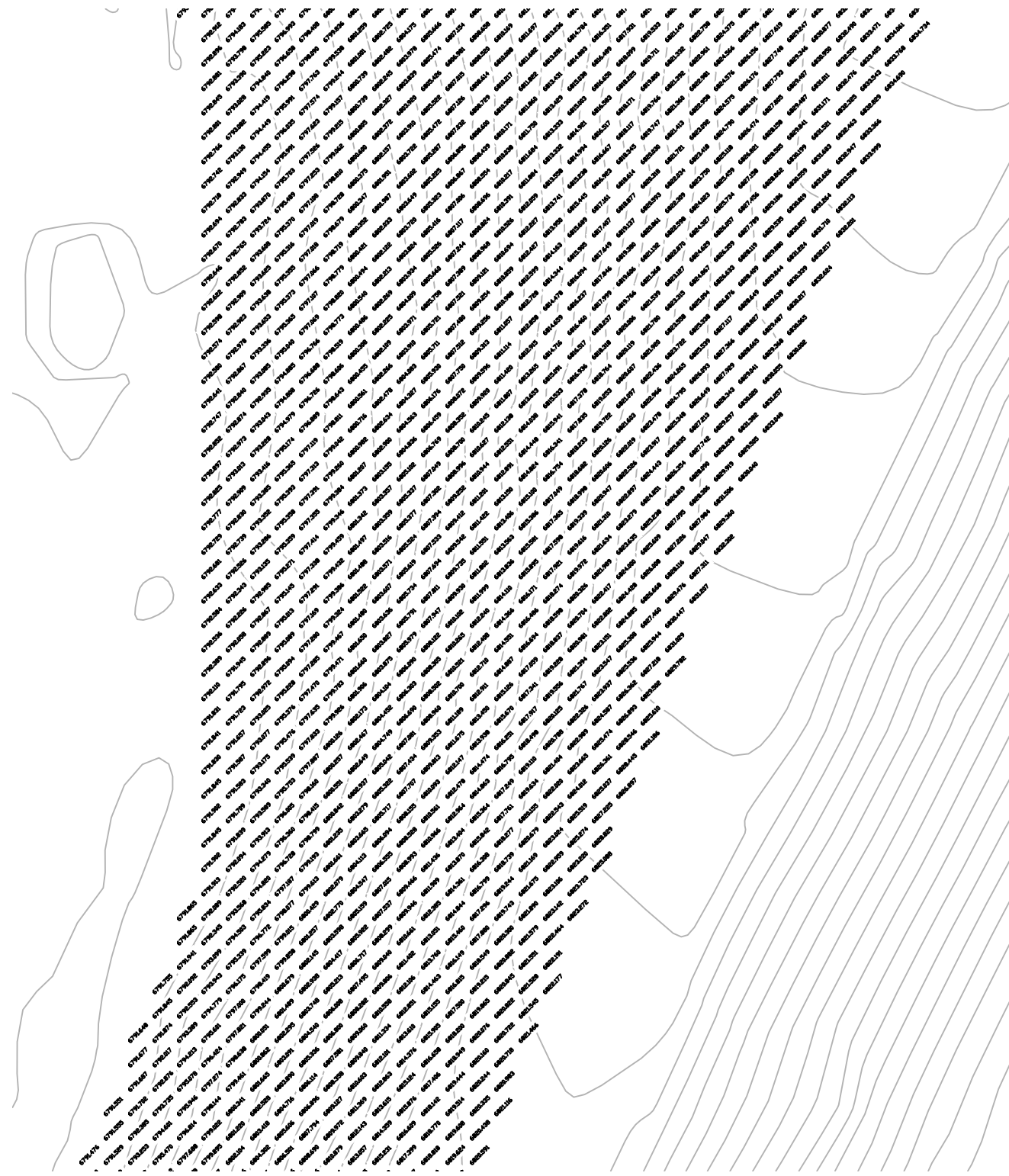


SCALE 1" = 30'

DATE	05/05/20	REV 1:		REV 2:	
I-40/CC IMPROVEMENT PROJECT		LOCATION			
		FLAGSTAFF, AZ			
DESIGN	MT	SHEET TITLE		GR01	
DRAWN	MT	NO.		09	OF 27
CHECK	ZJ				



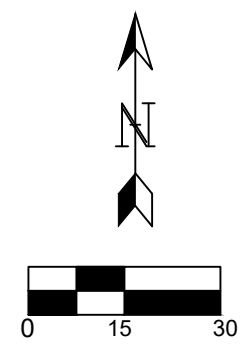
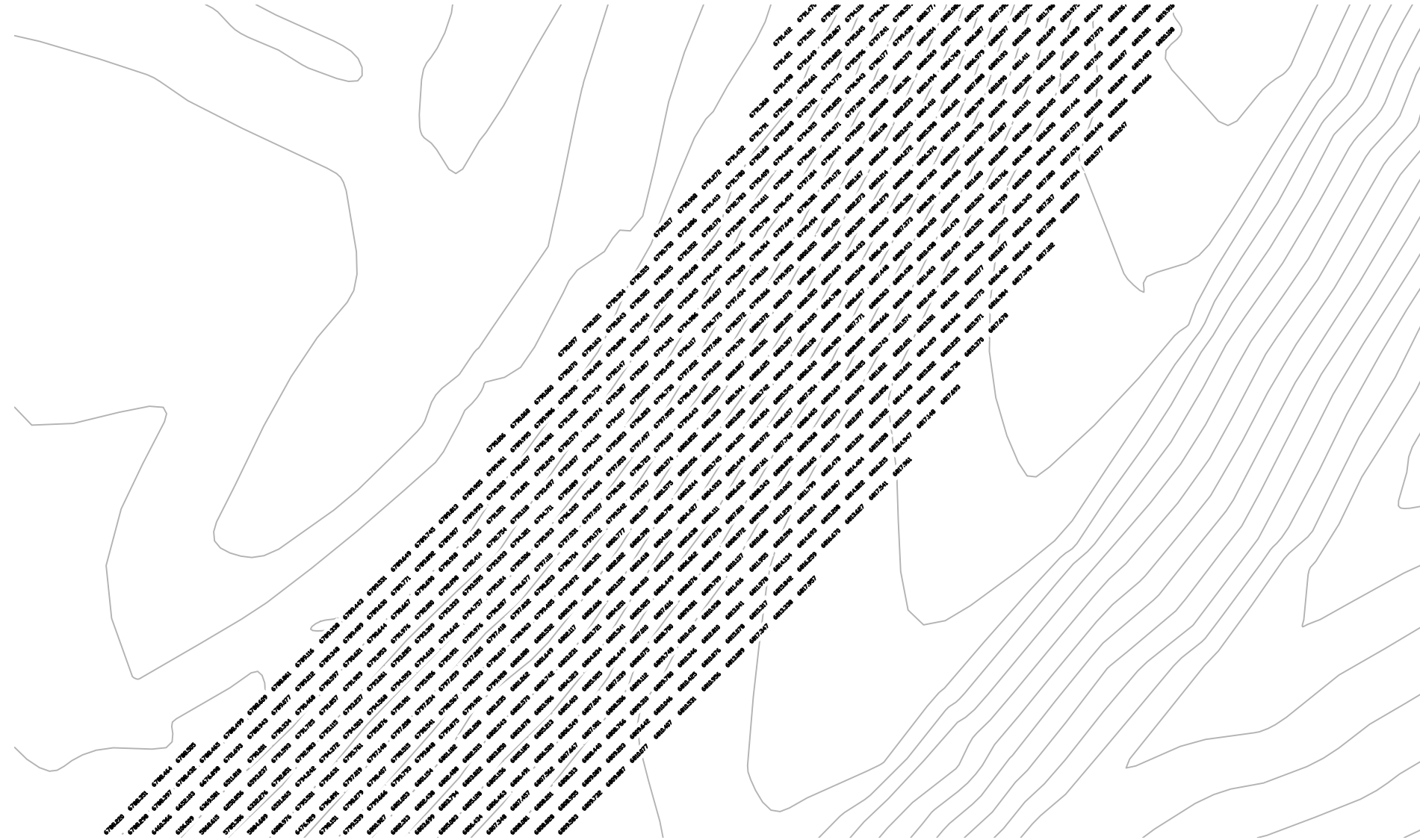
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REV 1:			
REV 2:			
DESIGN	MT	SHEET TITLE GR02	NO. 10 OF 27
DRAWN	MT		
CHECK	ZJ		



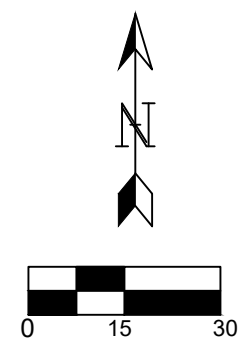
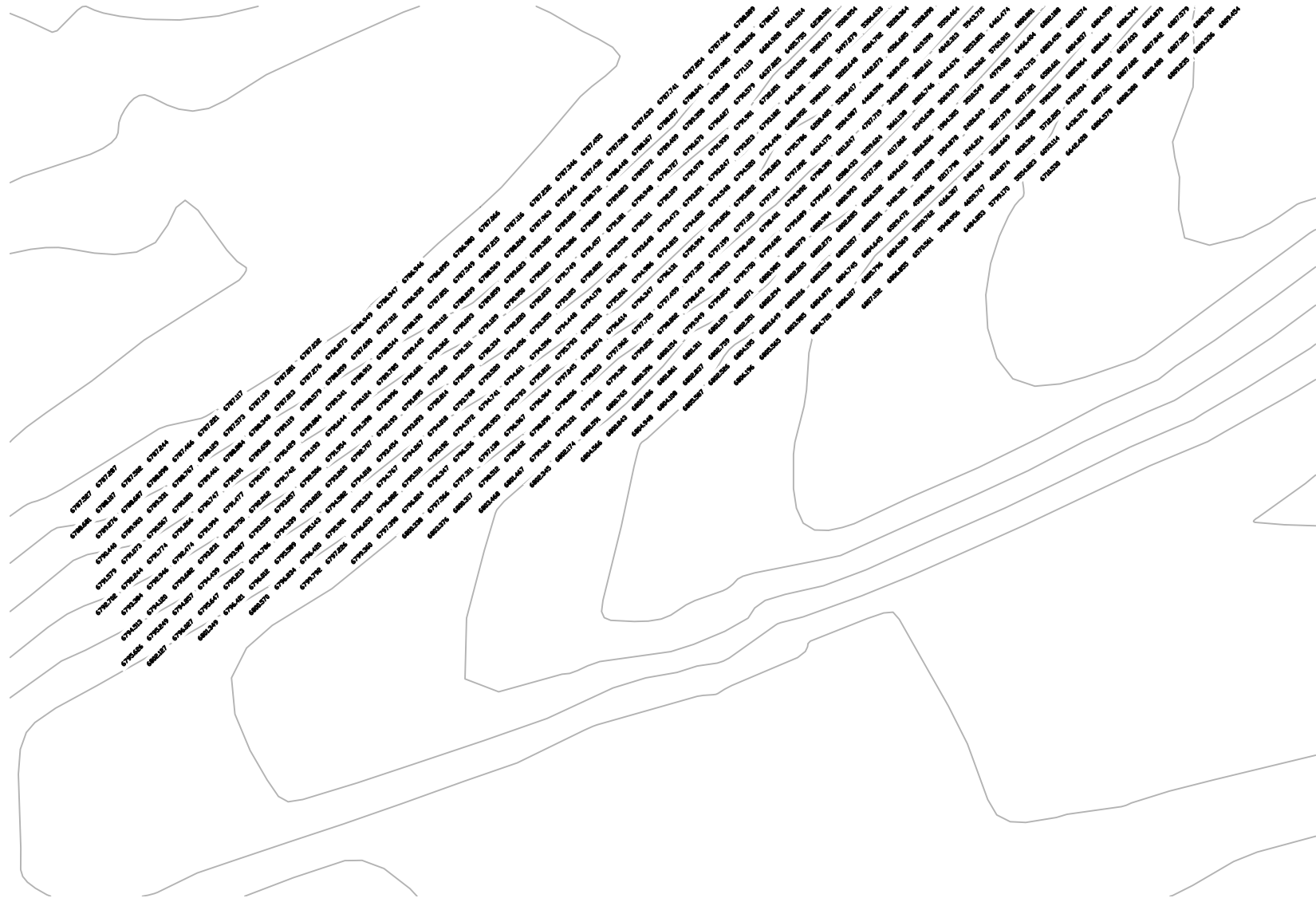
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DESIGN	MT	SHEET TITLE		GR03	
DRAWN	MT	LOCATION		FLAGSTAFF, AZ	
CHECK	ZJ	NO.	11	OF	27

I-40/CC
IMPROVEMENT PROJECT



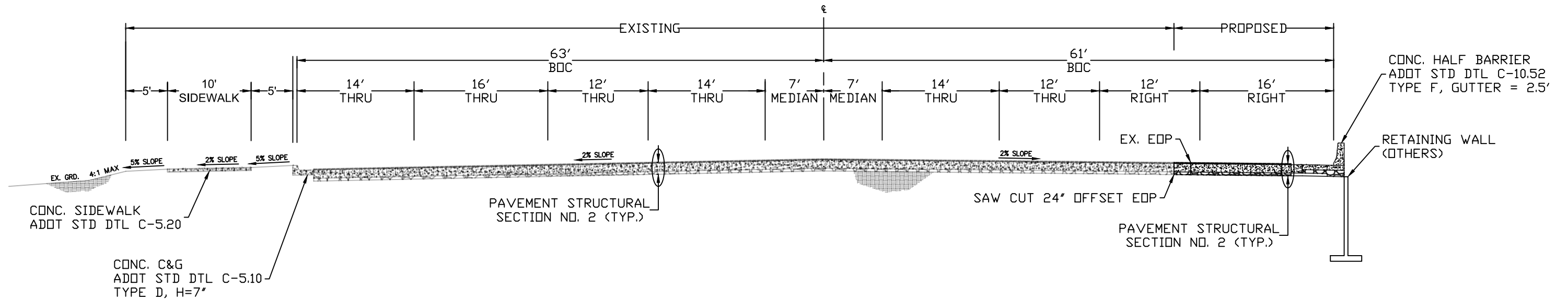
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REV 2:			
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		SHEET TITLE	
DRAWN		MT	
		GR04	
CHECK		ZJ	
NO.		12	OF 27
LOCATION		FLAGSTAFF, AZ	
PROJECT TITLE		I-40/CC IMPROVEMENT PROJECT	



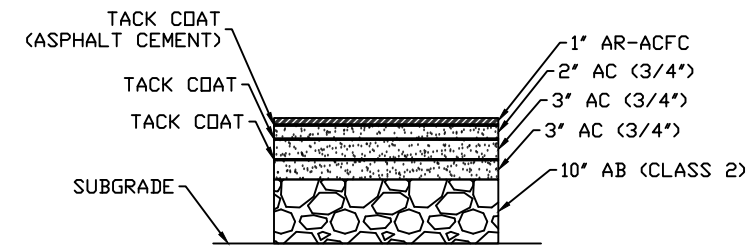
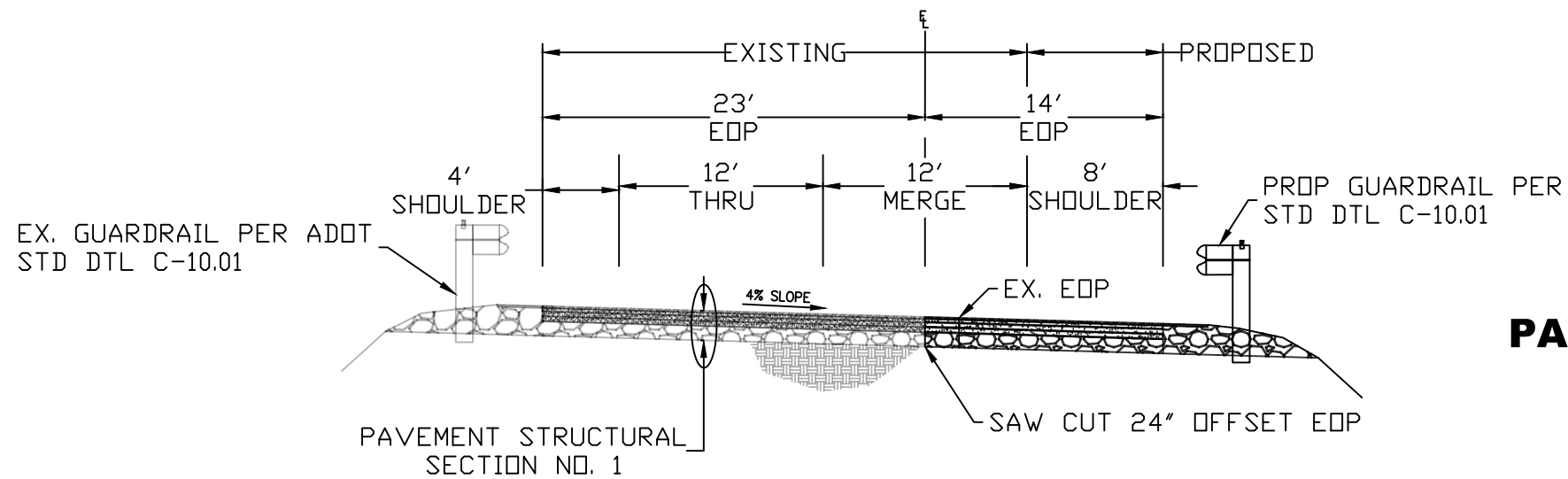
SCALE 1" = 30'

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DRAWN	MT	REV 2:	
CHECK	ZJ		
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		GR05	
LOCATION		FLAGSTAFF, AZ	
		NO. 13	OF 27

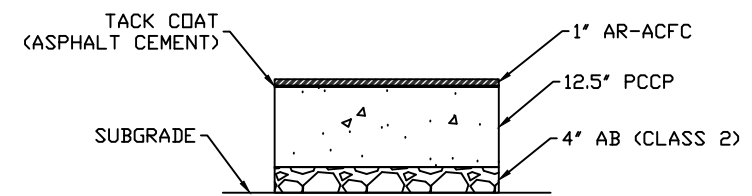
**PROPOSED ROADWAY
STA 22+39.6 TO STA 26+09.3
COUNTRY CLUB DRIVE**



**PROPOSED ROADWAY
STA 06+03.75 TO STA 11+03.44
I-40 WESTBOUND ON-RAMP**



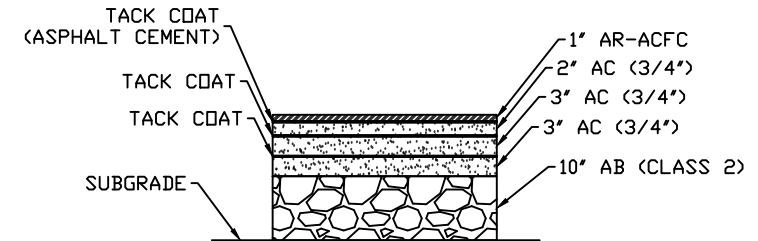
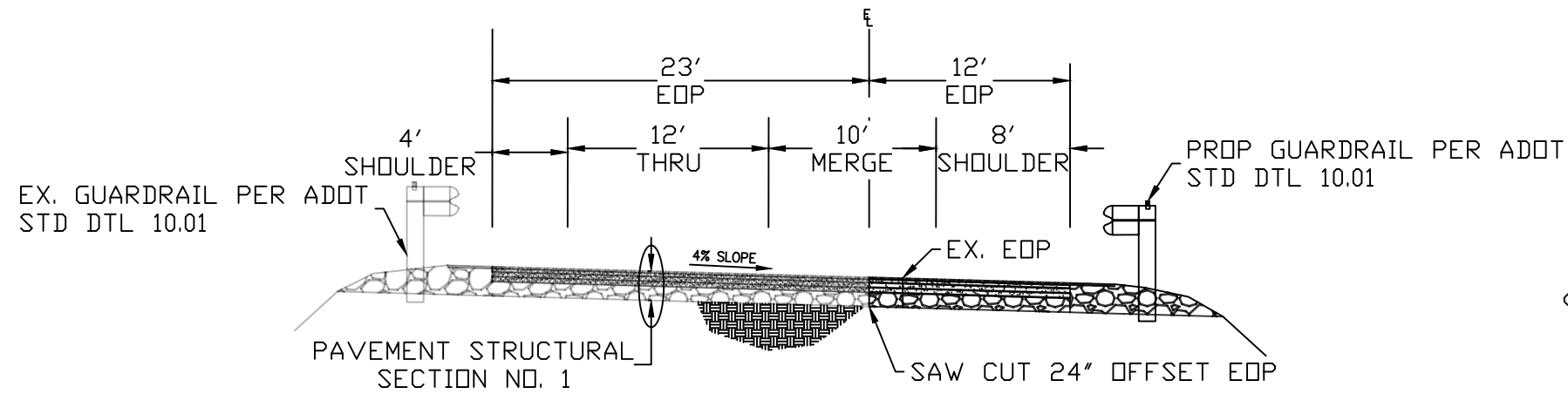
PAVEMENT STRUCTURAL SECTION NO. 1



PAVEMENT STRUCTURAL SECTION NO. 2

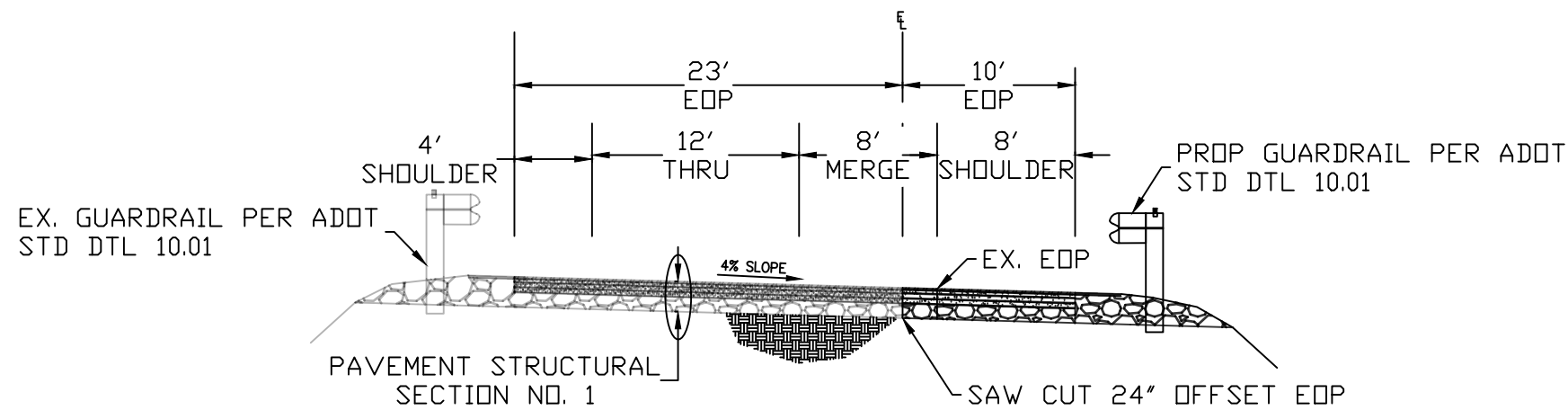
DATE	05/05/20	REV 1:		REV 2:	
I-40/CC IMPROVEMENT PROJECT					
LOCATION					FLAGSTAFF, AZ
DESIGN	MT	SHEET TITLE		TX01	
DRAWN	MT				
CHECK	ZJ	NO. 14	OF	27	

**PROPOSED ROADWAY
STA 11+53.44
I-40 WESTBOUND ON-RAMP**

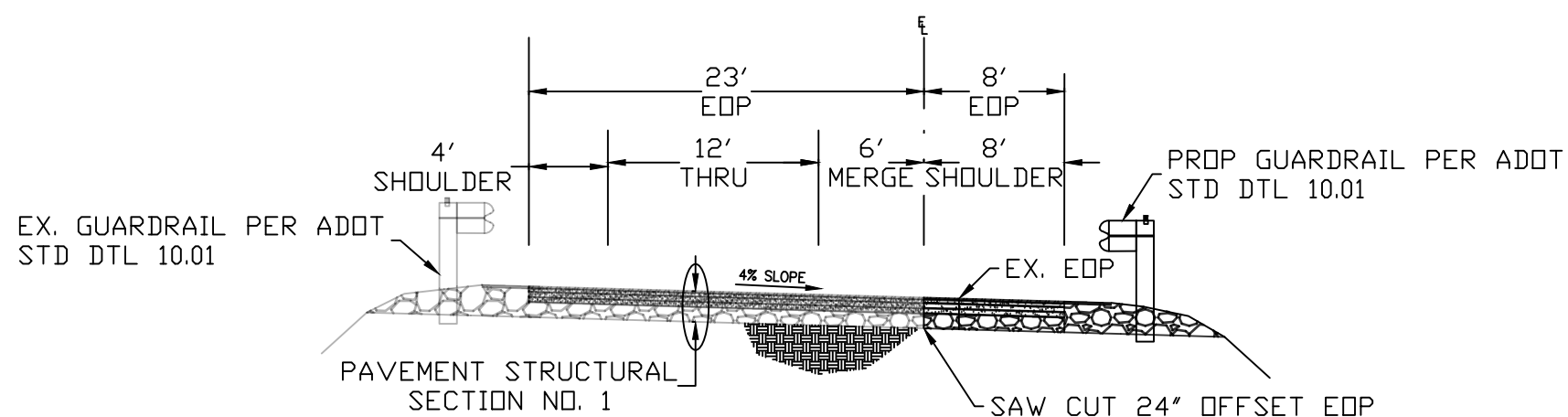


PAVEMENT STRUCTURAL SECTION NO. 1

**PROPOSED ROADWAY
STA 12+03.44
I-40 WESTBOUND ON-RAMP**

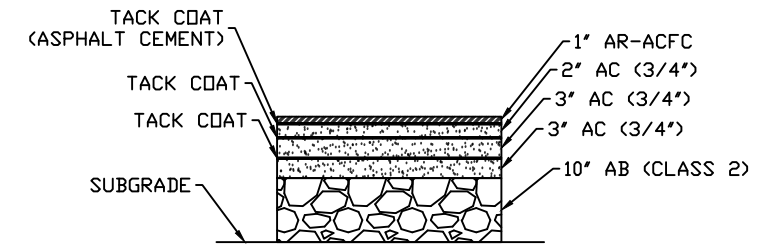
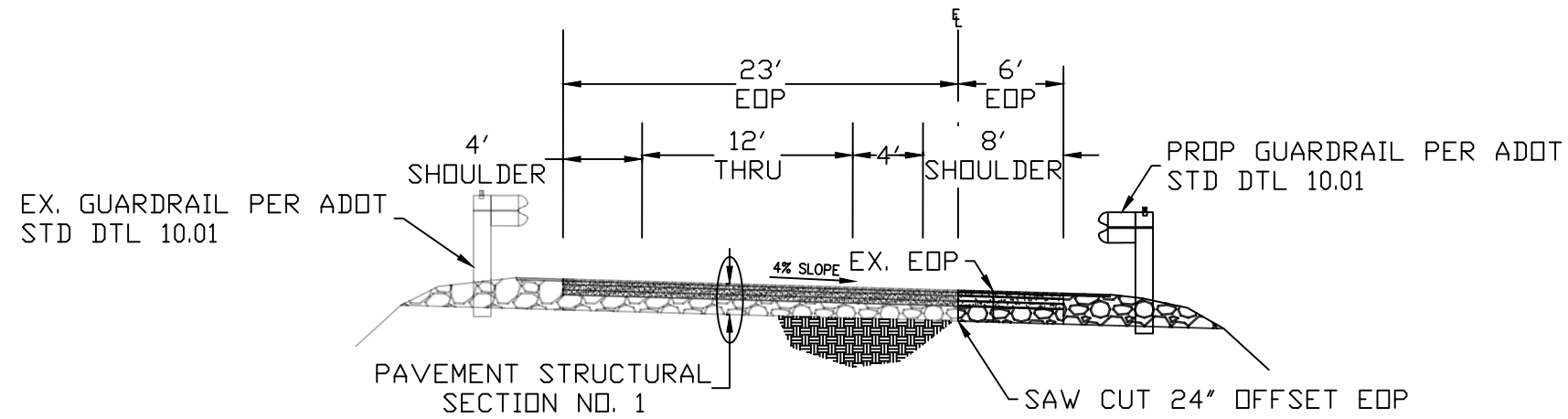


**PROPOSED ROADWAY
STA 12+53.44
I-40 WESTBOUND ON-RAMP**



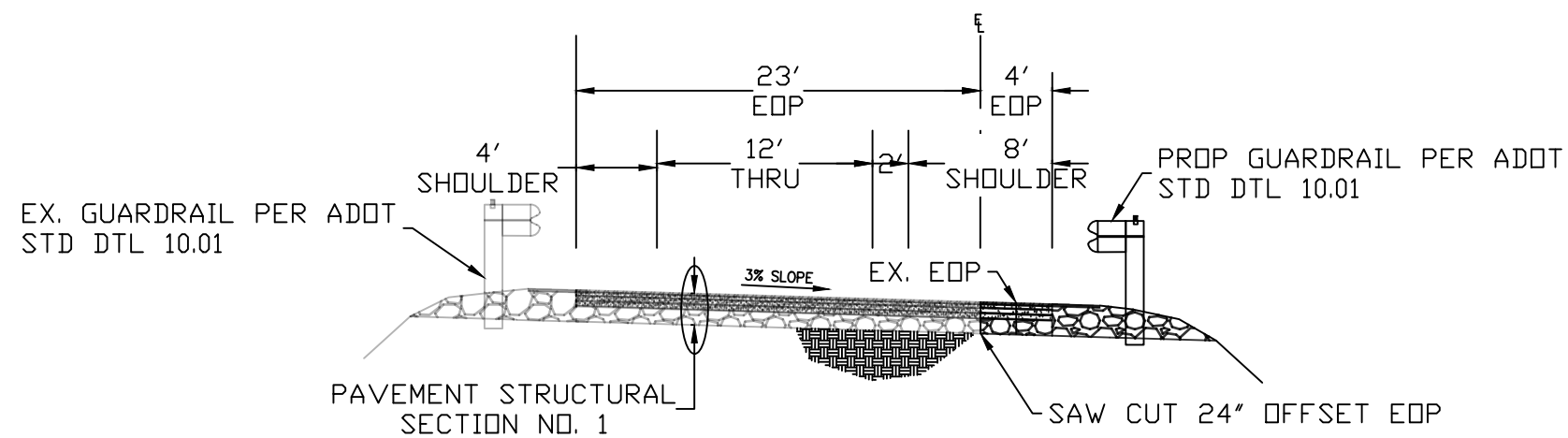
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I-40/CC IMPROVEMENT PROJECT		FLAGSTAFF, AZ			
DESIGN	MT	SHEET TITLE			
DRAWN	MT	TX02			
CHECK	ZJ	NO. 15 OF 27			

**PROPOSED ROADWAY
STA 13+03.44
I-40 WESTBOUND ON-RAMP**

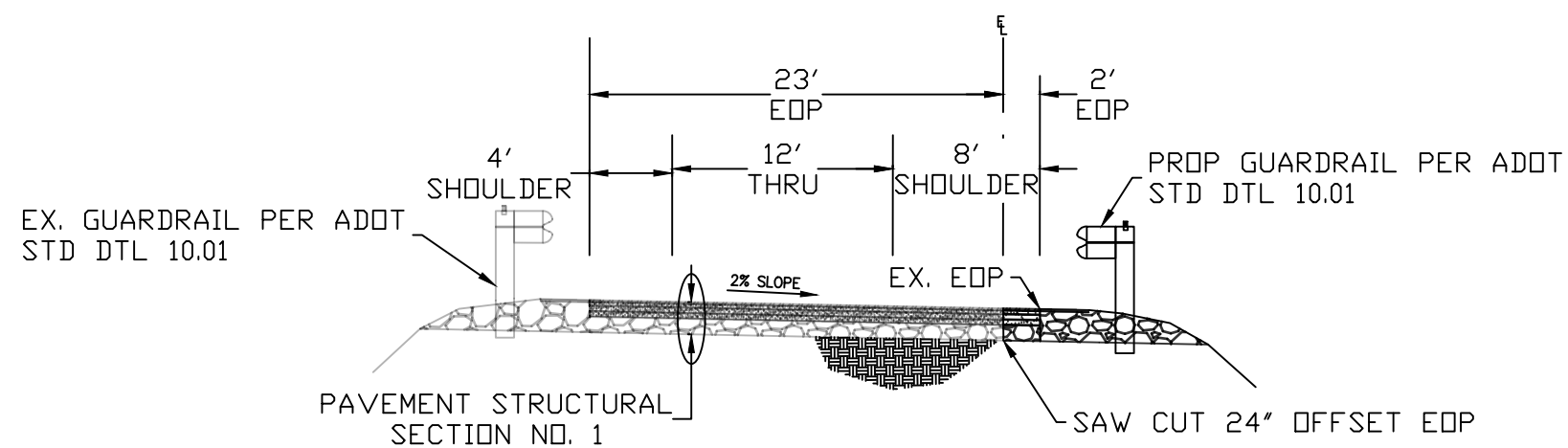


PAVEMENT STRUCTURAL SECTION NO. 1

**PROPOSED ROADWAY
STA 13+53.44
I-40 WESTBOUND ON-RAMP**



**PROPOSED ROADWAY
STA 14+13.29
I-40 WESTBOUND ON-RAMP**



DATE	05/05/20	REV 1:		REV 2:	
I-40/CC IMPROVEMENT PROJECT		FLAGSTAFF, AZ			
DESIGN	MT	SHEET TITLE			
DRAWN	MT	TX03			
CHECK	ZJ	NO. 16	OF	27	

CONSTRUCTION

NO.	DESCRIPTION	QTY.	UN.
①	AB (CLASS 2)	15	TON
②	PORTLAND CEMENT CONCRETE PAVEMENT (12.5")	90	SY
③	BITUMINOUS TACK COAT (0.5")	2	TON
⑤	ASPHALTIC CONCRETE FRICTION COARSE (1")	4	TON
⑥	CONCRETE HALF BARRIER PER ADOT STD DTL C-10.52, TYPE F, GUTTER = 2.5'	98	LF
⑦	RETAINING WALL (OTHERS)	98	LF

REMOVAL

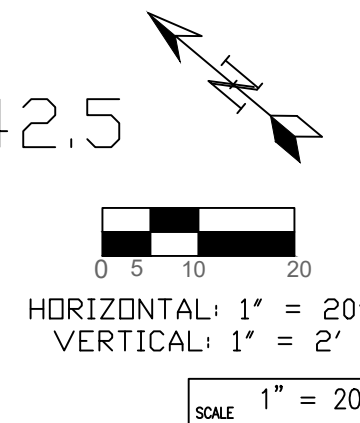
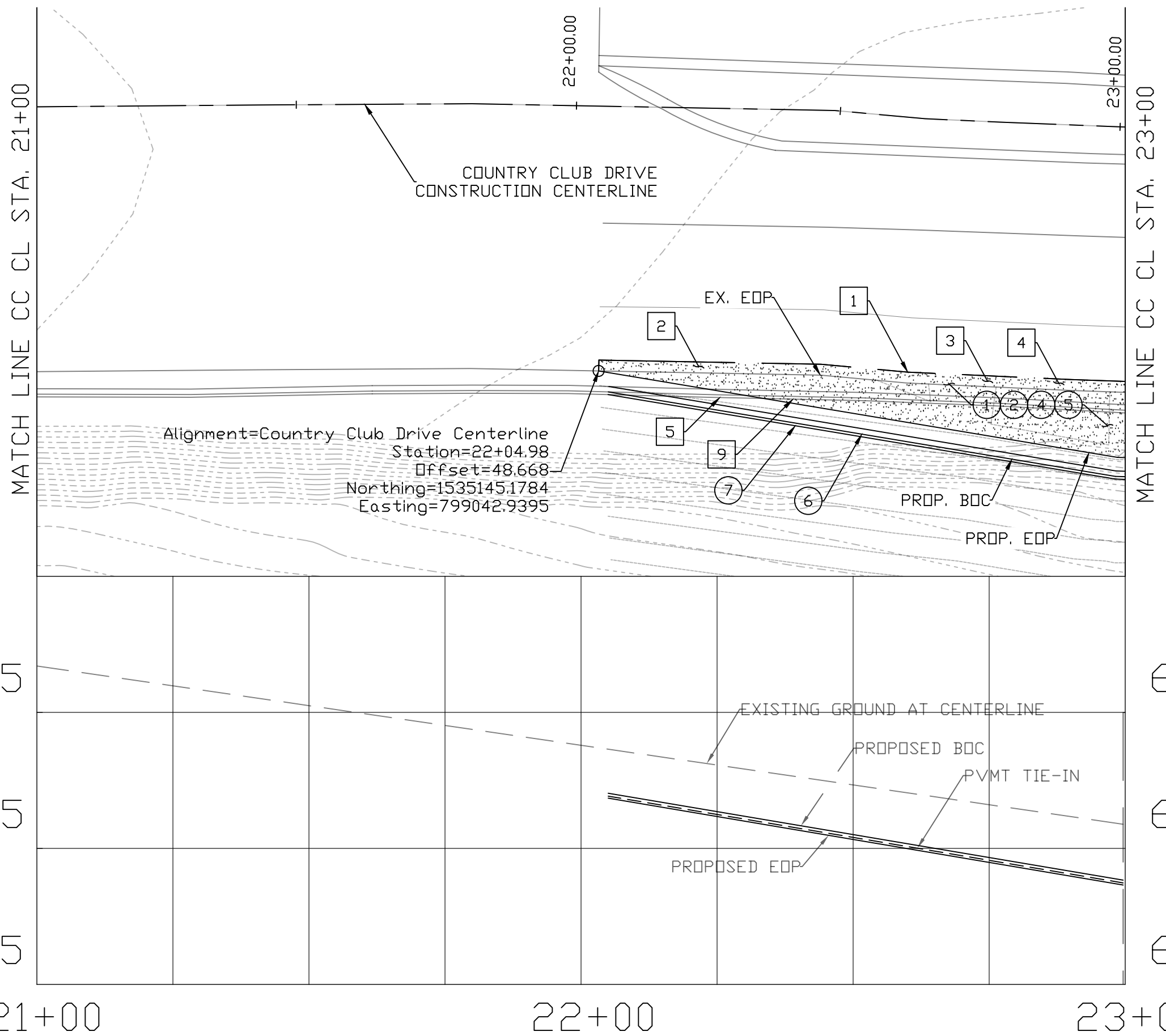
NO.	DESCRIPTION	QTY.	UN.
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②	PCCP	13	SY
③	AGGREGATE BASE	13	SY
④	ASPHALTIC PAVEMENT	13	SY
⑤	CONC HALF BARRIER	57	LF
⑨	RETAINING WALL	57	LF

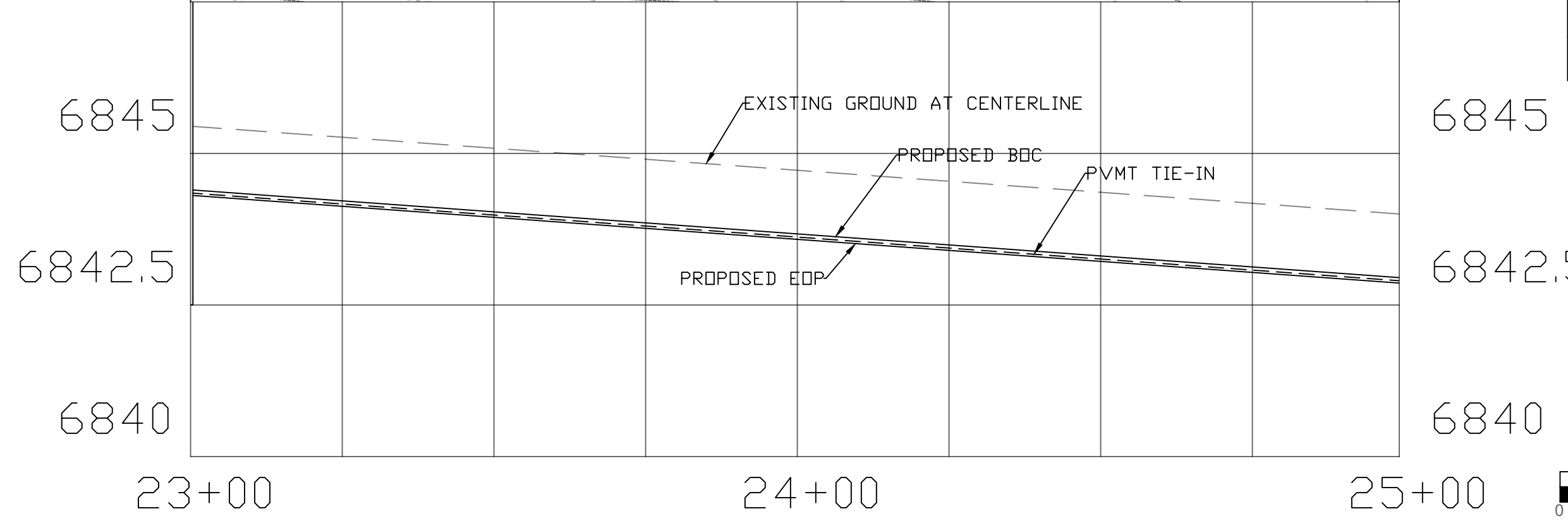
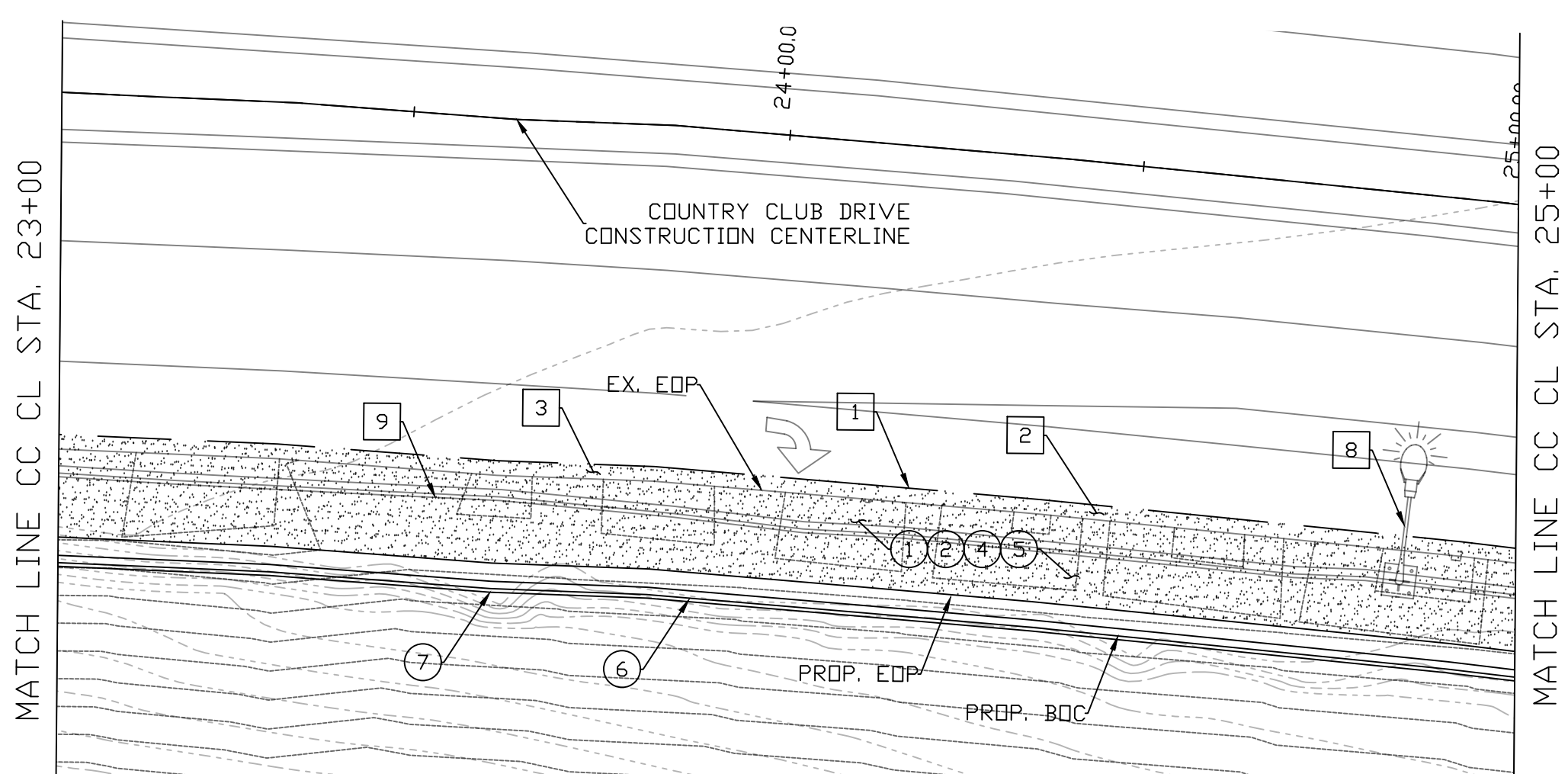
DATE	05/05/20
REV 1:	
REV 2:	

I-40/CC
IMPROVEMENT PROJECT

LOCATION
FLAGSTAFF, AZ

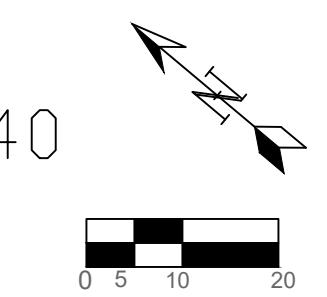
DESIGN	MT	SHEET TITLE	PV01
DRAWN	MT	NO.	17
CHECK	ZJ	OF	27





CONSTRUCTION			
NO.	DESCRIPTION	QTY.	UN.
①	AB (CLASS 2)	52	TON
②	PORTLAND CEMENT CONCRETE PAVEMENT (12.5")	311	SY
④	BITUMINOUS TACK COAT (0.5")	7	TON
⑤	ASPHALTIC CONCRETE FRICTION COARSE (1")	13	TON
⑥	CONCRETE HALF BARRIER PER ADOT STD DTL C-10.52, TYPE F, GUTTER = 2.5'	200	LF
⑦	RETAINING WALL (OTHERS)	200	LF
REMOVAL			
NO.	DESCRIPTION	QTY.	UN.
①	SAW CUT	200	LF
②	PCCP	45	SY
③	AGGREGATE BASE	45	SY
④	ASPHALTIC PAVEMENT	45	SY
⑤	CONC HALF BARRIER	200	LF
⑧	LIGHT POST	1	EA
⑨	RETAINING WALL	200	LF

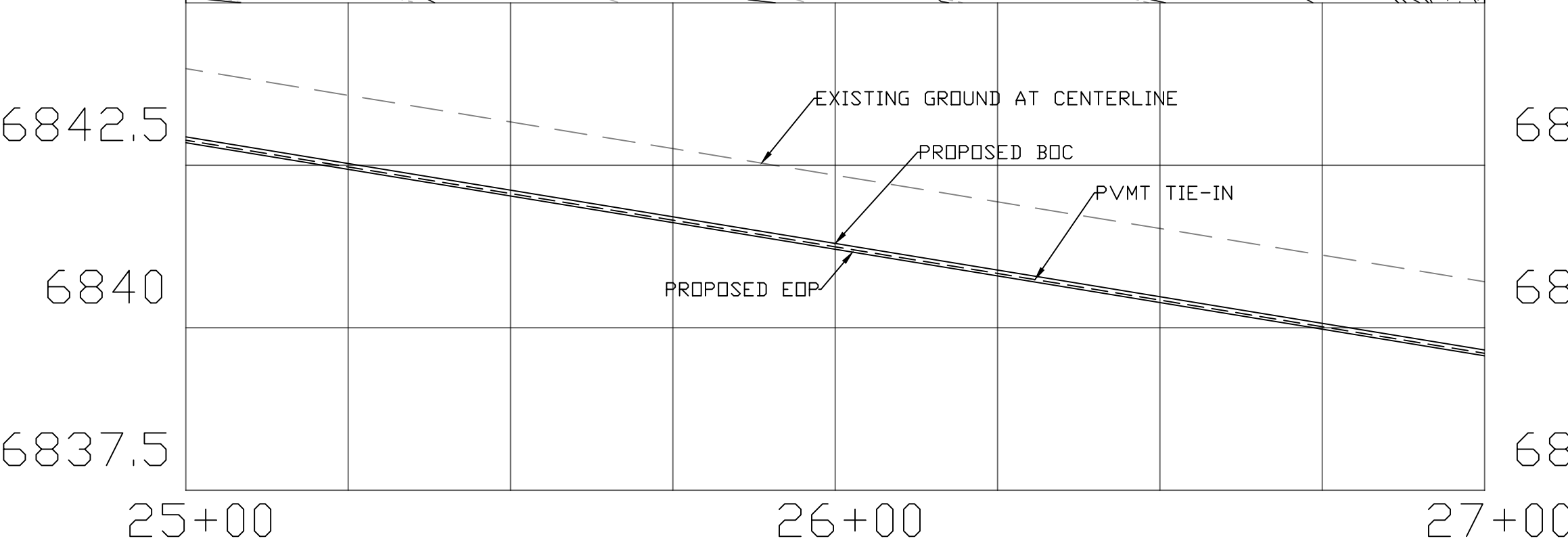
DATE	05/05/20	REVISIONS	REV 1:	REV 2:
I-40/CC IMPROVEMENT PROJECT		FLAGSTAFF, AZ		
PV02		DRAWN	MT	NO. 18 OF 27
SCALE 1" = 20'		CHECK	ZJ	



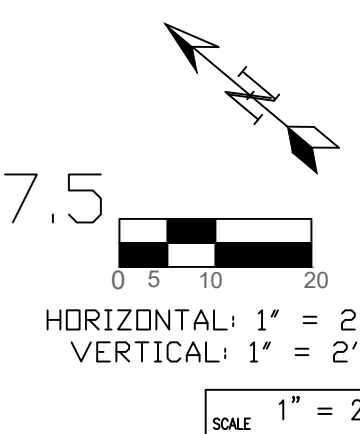
HORIZONTAL: 1" = 20'
 VERTICAL: 1" = 2'

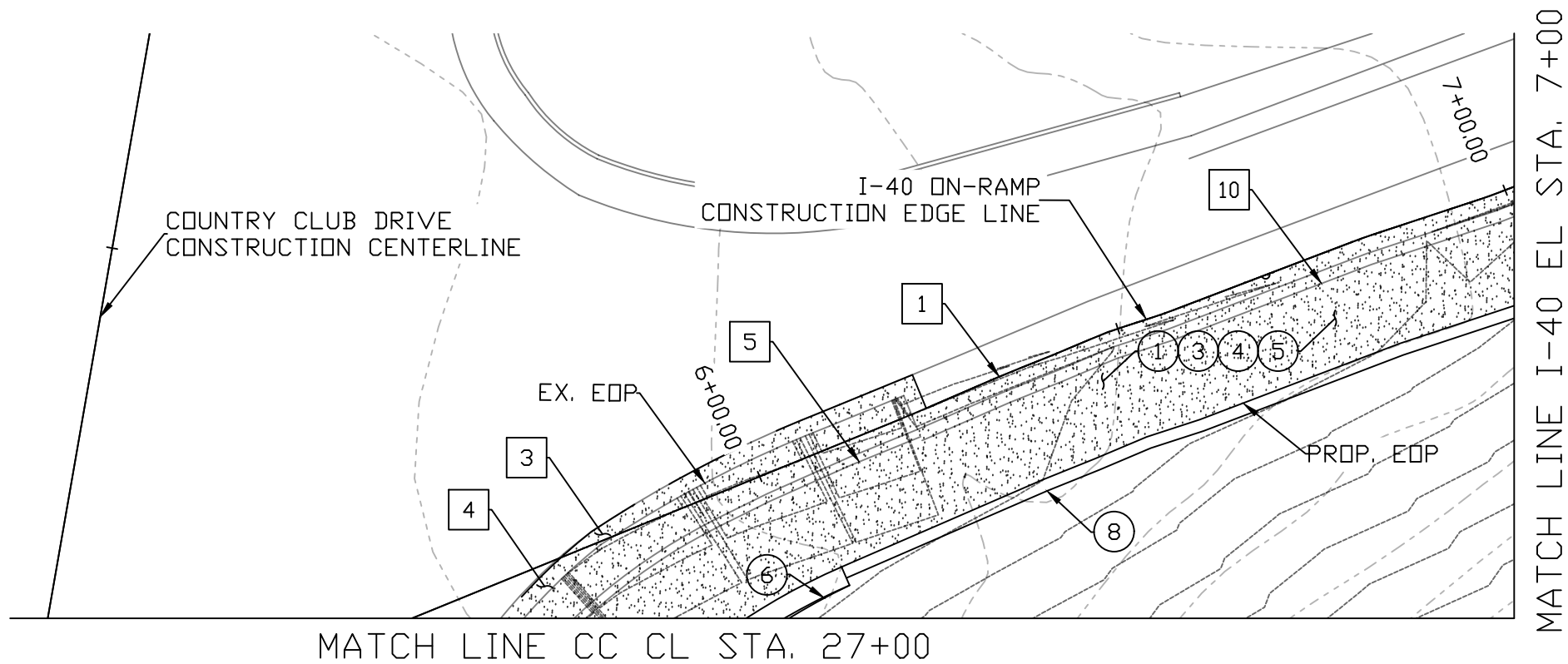
CONSTRUCTION			
NO.	DESCRIPTION	QTY.	UN.
①	AB (CLASS 2)	58	TON
②	PORTLAND CEMENT CONCRETE PAVEMENT (12.5")	346	SY
④	BITUMINOUS TACK COAT (0.5")	8	TON
⑤	ASPHALTIC CONCRETE FRICTION COARSE (1")	15	TON
⑥	CONCRETE HALF BARRIER PER ADOT STD DTL C-10.52, TYPE F, GUTTER = 2.5'	122	LF
⑦	RETAINING WALL (OTHERS)	122	LF
⑨	CATCH BASIN PER MODIFIED ADOT STD DTL C-15.2, INLET LENGTH = 38.5'	1	EA

REMOVAL			
NO.	DESCRIPTION	QTY.	UN.
1	SAW CUT	206	LF
2	PCCP	34	SY
3	AGGREGATE BASE	46	SY
4	ASPHALTIC PAVEMENT	46	SY
5	CONC HALF BARRIER	204	LF
6	CATCH BASIN	1	EA
9	RETAINING WALL	122	LF



DATE	05/05/20	REV 1:		REV 2:	
I-40/CC IMPROVEMENT PROJECT					
LOCATION					FLAGSTAFF, AZ
DESIGN	MT	SHEET TITLE			
DRAWN	MT	PV03			
CHECK	ZJ	NO.	19	OF	27

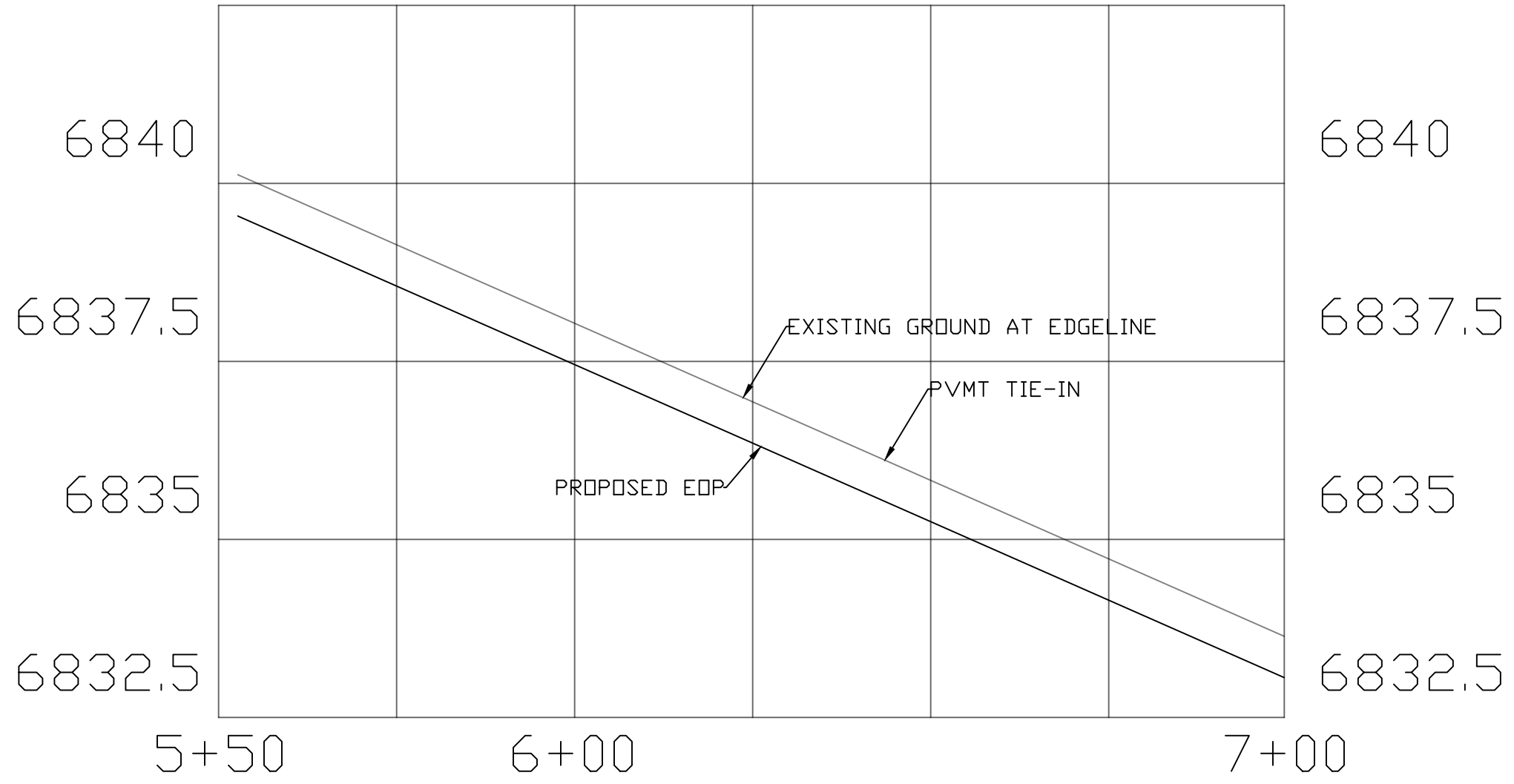




MATCH LINE I-40 EL STA. 7+00

MATCH LINE CC CL STA. 27+00

CONSTRUCTION			
NO.	DESCRIPTION	QTY.	UN.
①	AB (CLASS 2)	91	TON
③	ASPHALTIC CONCRETE PAVEMENT (3/4")	55	TON
④	BITUMINOUS TACK COAT (0.5")	14	TON
⑤	ASPHALTIC CONCRETE FRICTION COARSE (1")	9	TON
⑥	CONCRETE HALF BARRIER PER ADOT STD DTL C-10.52, TYPE F, GUTTER = 2.5'	9	LF
⑧	GUARD RAIL PER ADOT STD DTL C-10.01	90	LF
REMOVAL			
NO.	DESCRIPTION	QTY.	UN.
①	SAW CUT	144	LF
③	AGGREGATE BASE	32	SY
④	ASPHALTIC PAVEMENT	32	SY
⑤	CONC HALF BARRIER	29	LF
⑩	GUARD RAIL	79	LF



DATE: 05/05/20
REV 1:
REV 2:

I-40/CC
IMPROVEMENT PROJECT

FLAGSTAFF, AZ

DESIGN: MT

DRAWN: MT

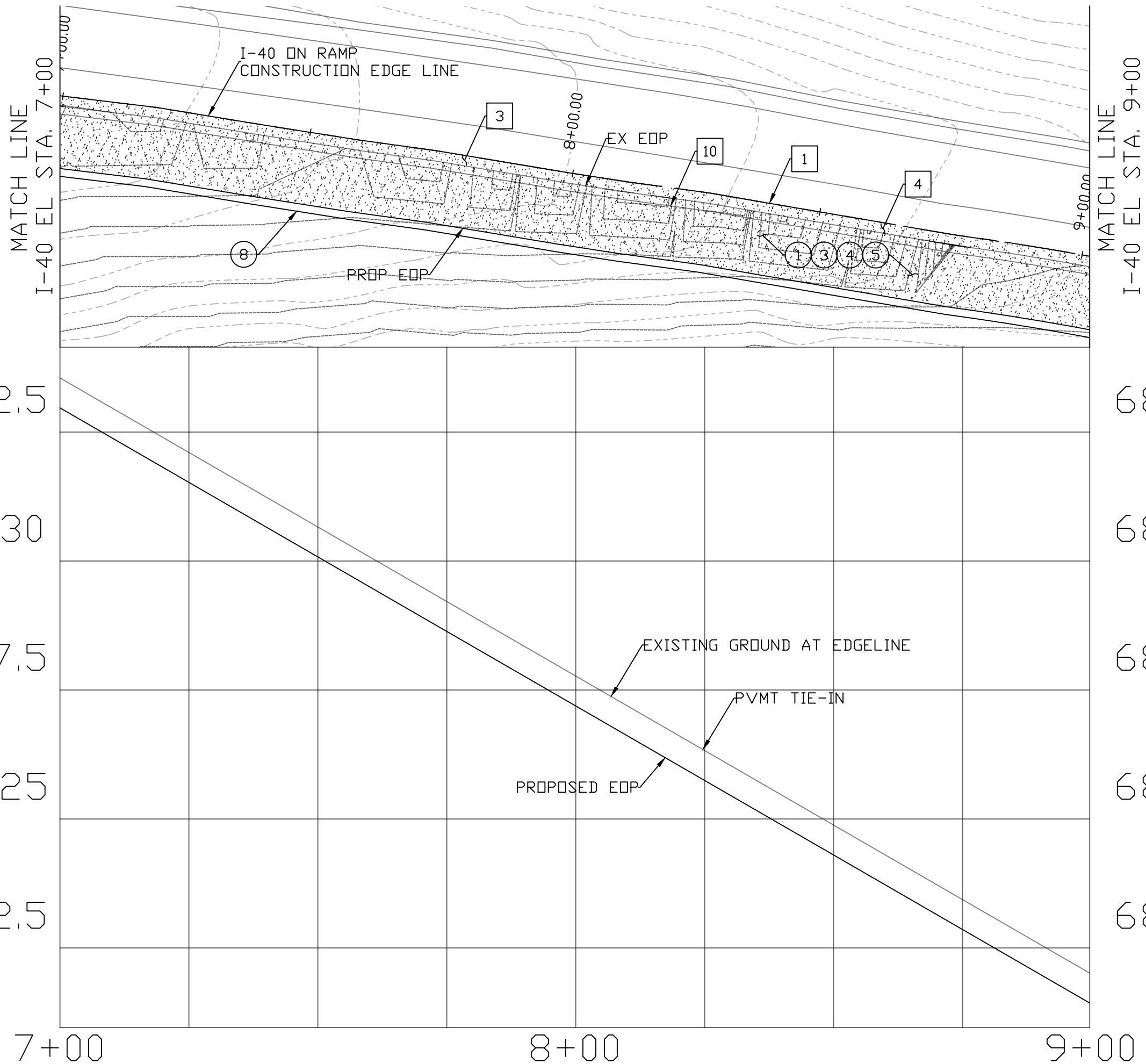
CHECK: ZJ

SHEET TITLE: PV04

NO. 20 OF 27

HORIZONTAL: 1" = 20'
VERTICAL: 1" = 2'

SCALE 1" = 20'



CONSTRUCTION			
NO.	DESCRIPTION	QTY.	UN.
①	AB (CLASS 2)	131	TON
③	ASPHALTIC CONCRETE PAVEMENT (3/4")	79	TON
④	BITUMINOUS TACK COAT (0.5")	20	TON
⑤	ASPHALTIC CONCRETE FRICTION COARSE (1")	14	TON
⑧	GUARD RAIL PER ADOT STD DTL C-10.01	202	LF
REMOVAL			
NO.	DESCRIPTION	QTY.	UN.
①	SAW CUT	202	LF
③	AGGREGATE BASE	45	SY
④	ASPHALTIC PAVEMENT	45	SY
⑩	GUARD RAIL	202	LF

DATE: 05/05/20
 REV 1:
 REV 2:

I-40/CC
 IMPROVEMENT PROJECT

LOCATION: FLAGSTAFF, AZ

DESIGN: MT
 DRAWN: MT
 CHECK: ZJ

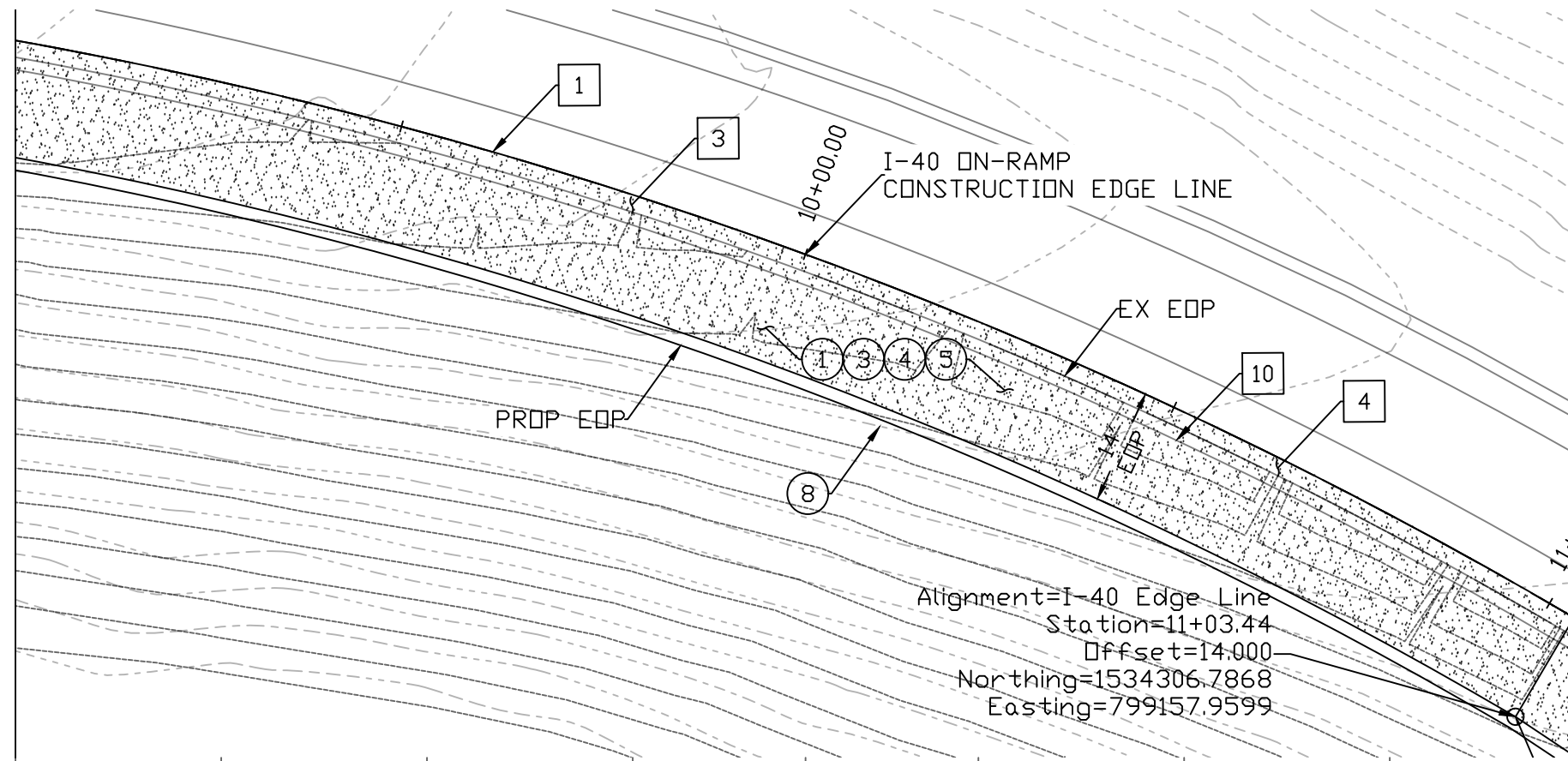
SHEET TITLE: PV05
 NO. 21 OF 27

SCALE: 1" = 20'

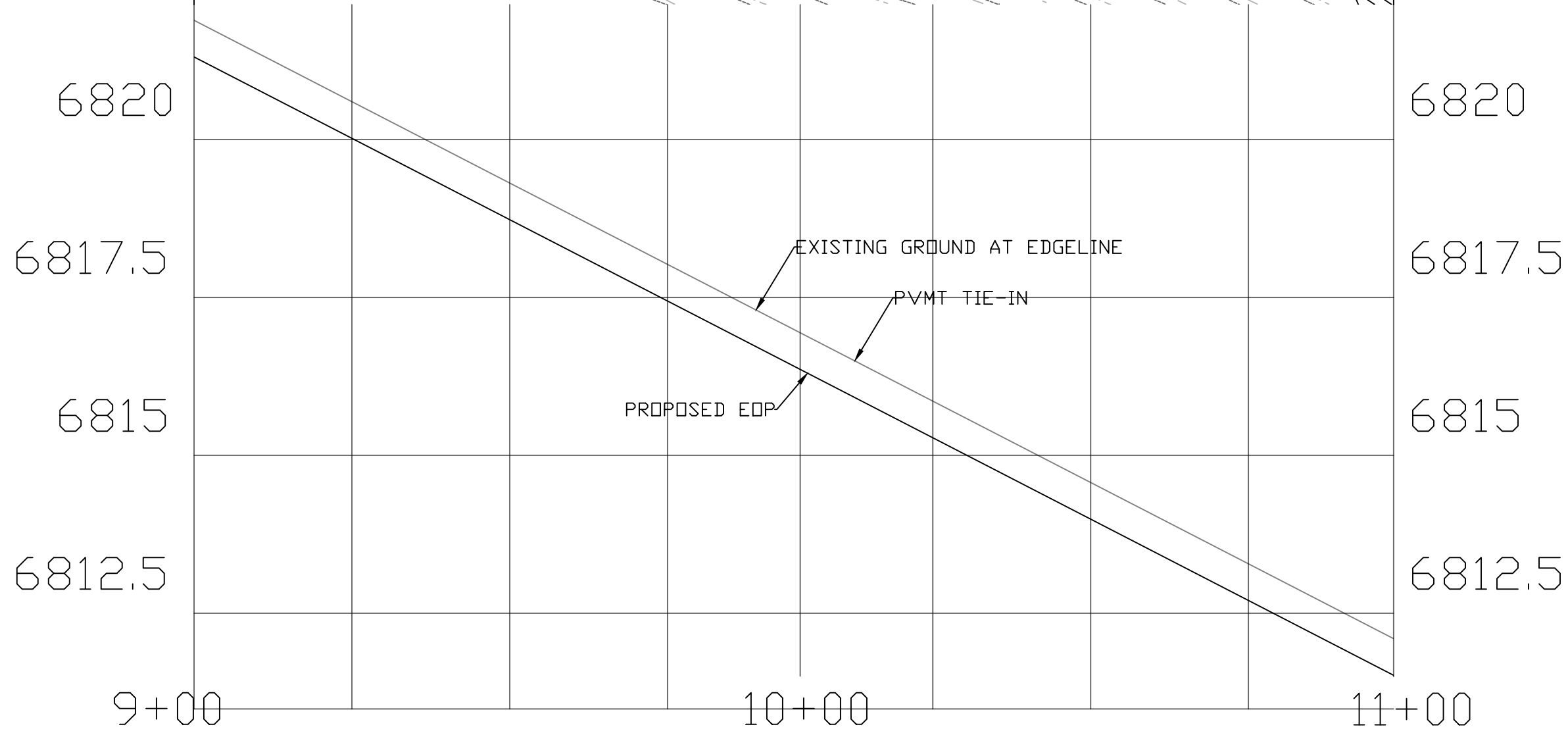
HORIZONTAL: 1" = 20'
 VERTICAL: 1" = 2'

MATCH LINE I-40 EL STA. 9+00

MATCH LINE I-40 EL STA. 11+00

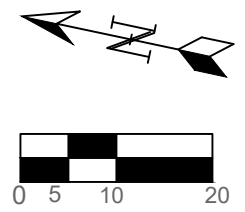


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 Offset=14.000
 Northing=1534306.7868
 Easting=799157.9599



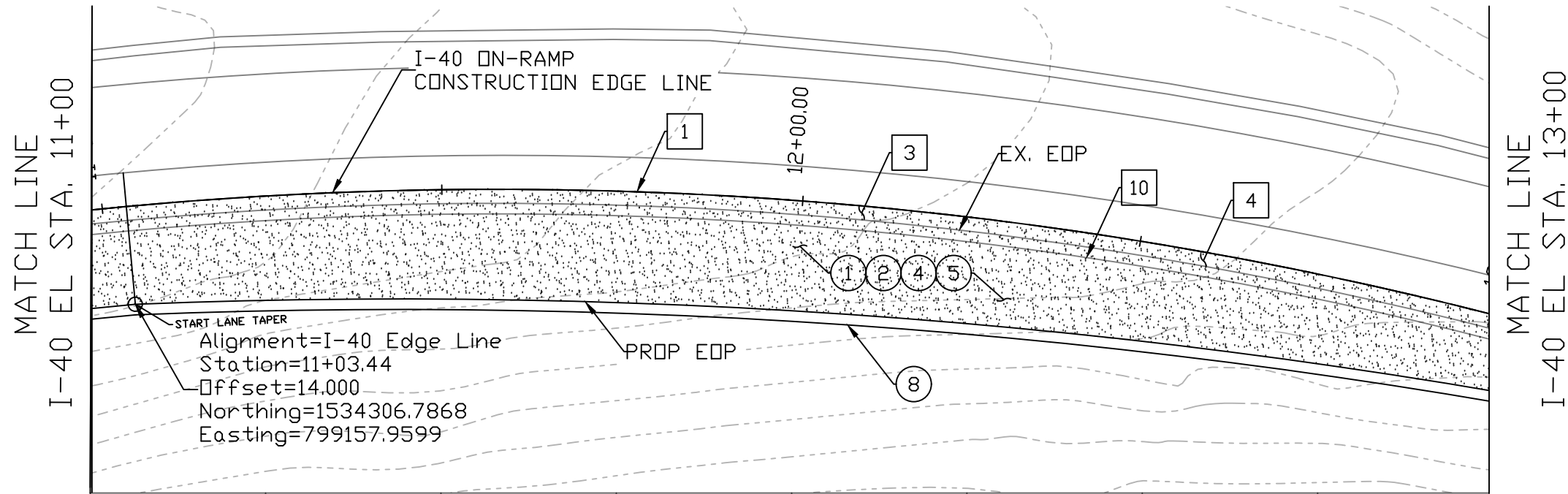
CONSTRUCTION			
NO.	DESCRIPTION	QTY.	UN.
1	AB (CLASS 2)	132	TON
3	ASPHALTIC CONCRETE PAVEMENT (3/4")	79	TON
4	BITUMINOUS TACK COAT (0.5")	20	TON
5	ASPHALTIC CONCRETE FRICTION COARSE (1")	14	TON
8	GUARD RAIL PER ADOT STD DTL C-10.01	195	LF
REMOVAL			
NO.	DESCRIPTION	QTY.	UN.
1	SAW CUT	205	LF
3	AGGREGATE BASE	46	SY
4	ASPHALTIC PAVEMENT	46	SY
10	GUARD RAIL	205	LF

DATE	05/05/20	REV 1:		REV 2:					
I-40/CC IMPROVEMENT PROJECT		FLAGSTAFF, AZ <small>LOCATION</small>							
						DESIGN	MT	SHEET TITLE	
						DRAWN	MT	PV06	
CHECK	MT	NO.	22	OF	27				

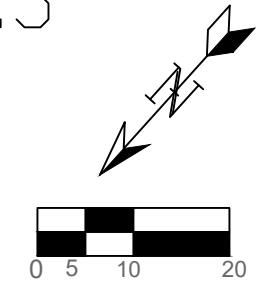
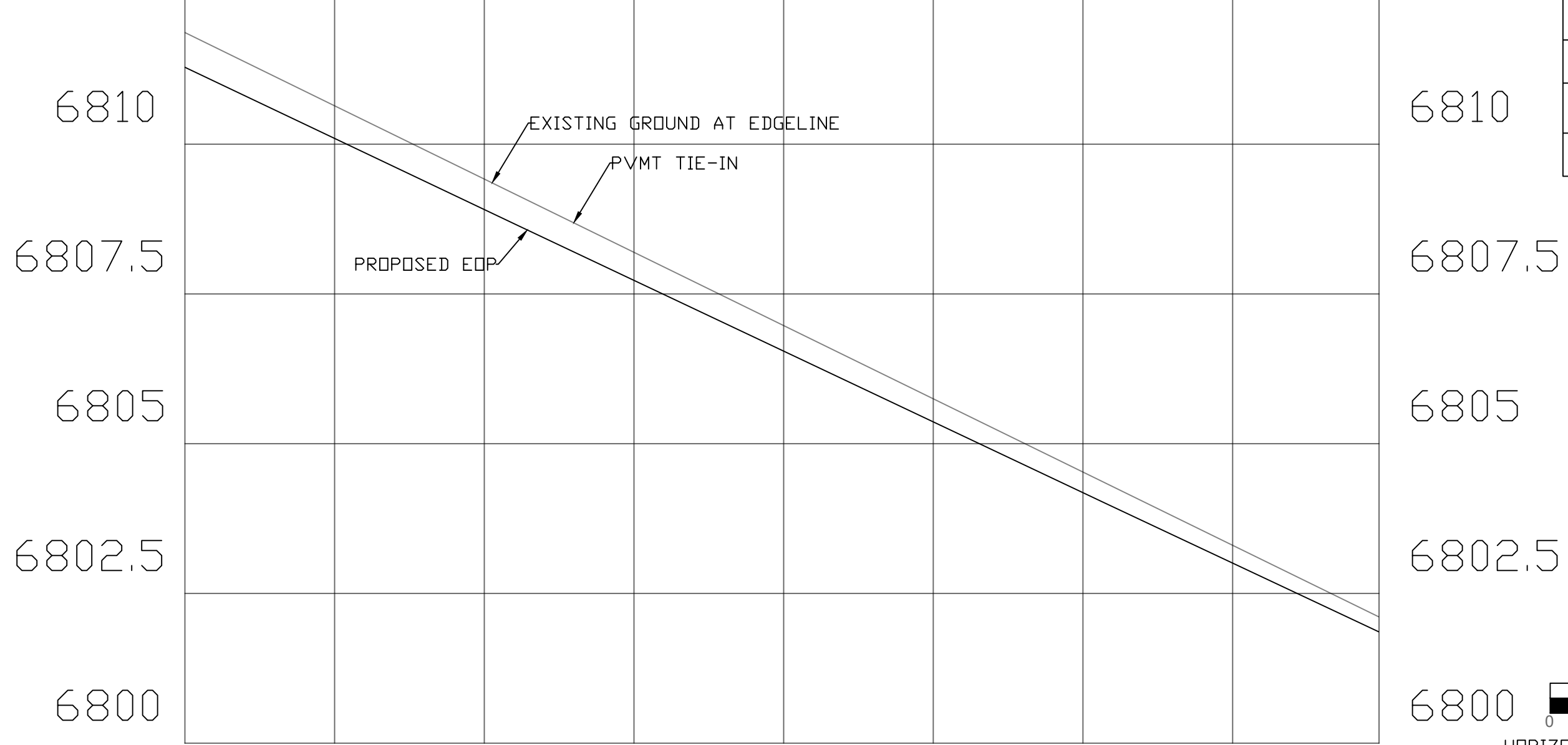


HORIZONTAL: 1" = 20'
 VERTICAL: 1" = 2'

SCALE 1" = 20'



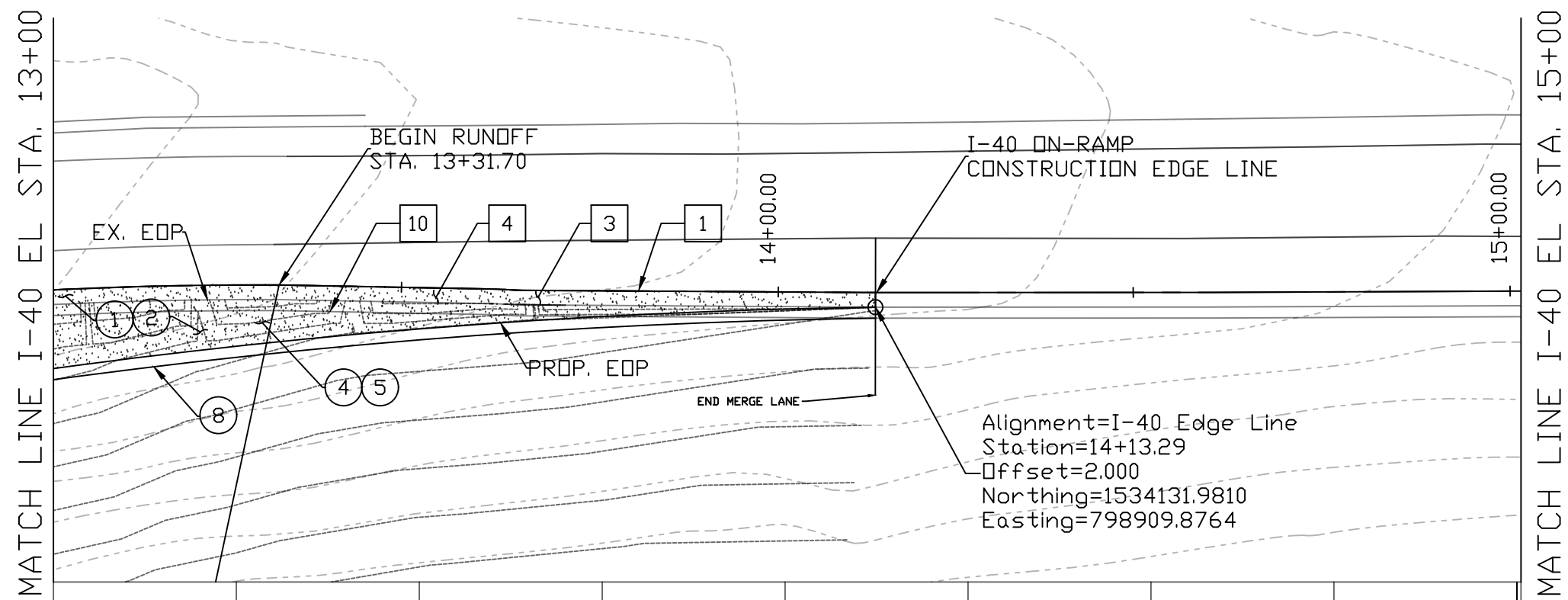
CONSTRUCTION			
NO.	DESCRIPTION	QTY.	UN.
①	AB (CLASS 2)	135	TON
③	ASPHALTIC CONCRETE PAVEMENT (3/4")	81	TON
④	BITUMINOUS TACK COAT (0.5")	21	TON
⑤	ASPHALTIC CONCRETE FRICTION COARSE (1")	14	TON
⑧	GUARD RAIL PER ADOT STD DTL C-10.01	196	LF
REMOVAL			
NO.	DESCRIPTION	QTY.	UN.
①	SAW CUT	202	LF
③	AGGREGATE BASE	45	SY
④	ASPHALTIC PAVEMENT	45	SY
⑩	GUARD RAIL	202	LF



HORIZONTAL: 1" = 20'
VERTICAL: 1" = 2'

SCALE 1" = 20'

DATE	05/05/20	REV 1:		REV 2:	
I-40/CC IMPROVEMENT PROJECT					
LOCATION					FLAGSTAFF, AZ
DESIGN	MT	SHEET TITLE			
DRAWN	MT	PV07			
CHECK	ZJ	NO.	23	OF	27



CONSTRUCTION			
NO.	DESCRIPTION	QTY.	UN.
①	AB (CLASS 2)	29	TON
③	ASPHALTIC CONCRETE PAVEMENT (3/4")	17	TON
④	BITUMINOUS TACK COAT (0.5")	5	TON
⑤	ASPHALTIC CONCRETE FRICTION COARSE (1")	3	TON
⑧	GUARD RAIL PER ADOT STD DTL C-10.01	113	LF
REMOVAL			
NO.	DESCRIPTION	QTY.	UN.
①	SAW CUT	115	LF
③	AGGREGATE BASE	26	SY
④	ASPHALTIC PAVEMENT	26	SY
⑩	GUARD RAIL	113	LF

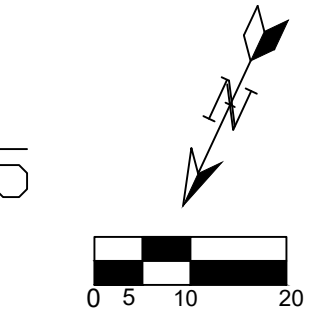
Alignment=I-40 Edge Line
 Station=14+13.29
 Offset=2.000
 Northing=1534131.9810
 Easting=798909.8764

6802.5
6800
6797.5
6795
13+00

6802.5
6800
6797.5
6795
15+00

EXISTING GROUND AT EDGELINE
 PVMT TIE-IN
 PROPOSED EDP

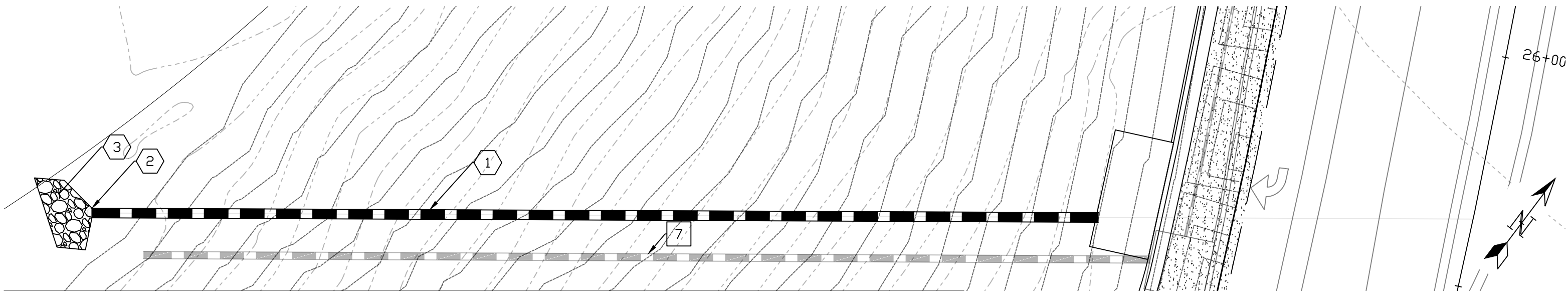
14+00



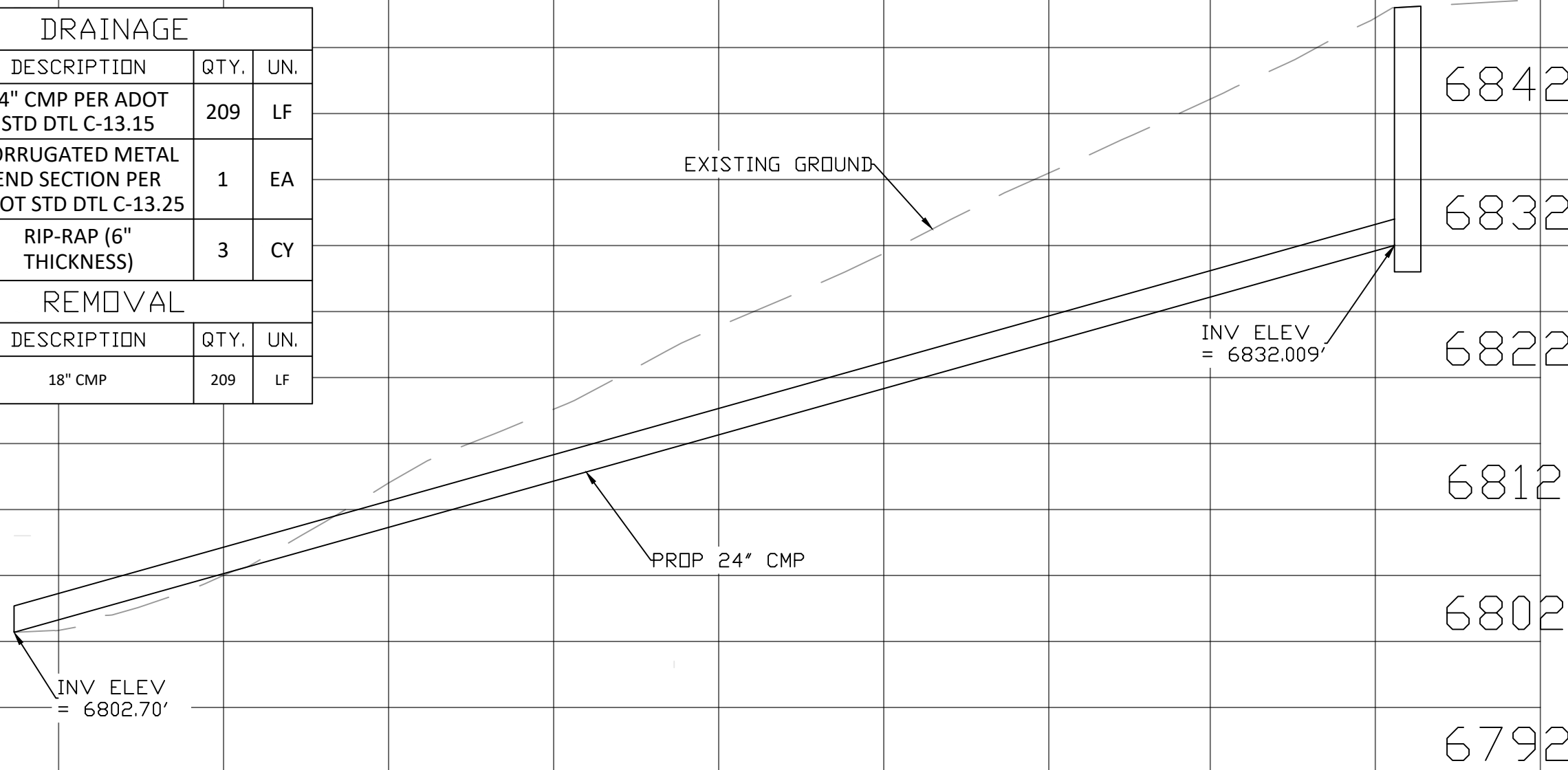
HORIZONTAL: 1" = 20'
 VERTICAL: 1" = 2'

SCALE 1" = 20'

DATE	05/05/20	REV 1:		REV 2:	
I-40/CC IMPROVEMENT PROJECT					
LOCATION					FLAGSTAFF, AZ
DESIGN	MT	SHEET TITLE		PV08	
DRAWN	MT	NO. 24		OF 27	
CHECK	ZJ				



DRAINAGE			
NO.	DESCRIPTION	QTY.	UN.
①	24" CMP PER ADOT STD DTL C-13.15	209	LF
②	CORRUGATED METAL END SECTION PER ADOT STD DTL C-13.25	1	EA
③	RIP-RAP (6" THICKNESS)	3	CY
REMOVAL			
NO.	DESCRIPTION	QTY.	UN.
⑦	18" CMP	209	LF



HORIZONTAL: 1" = 20'
 VERTICAL: 1" = 10'

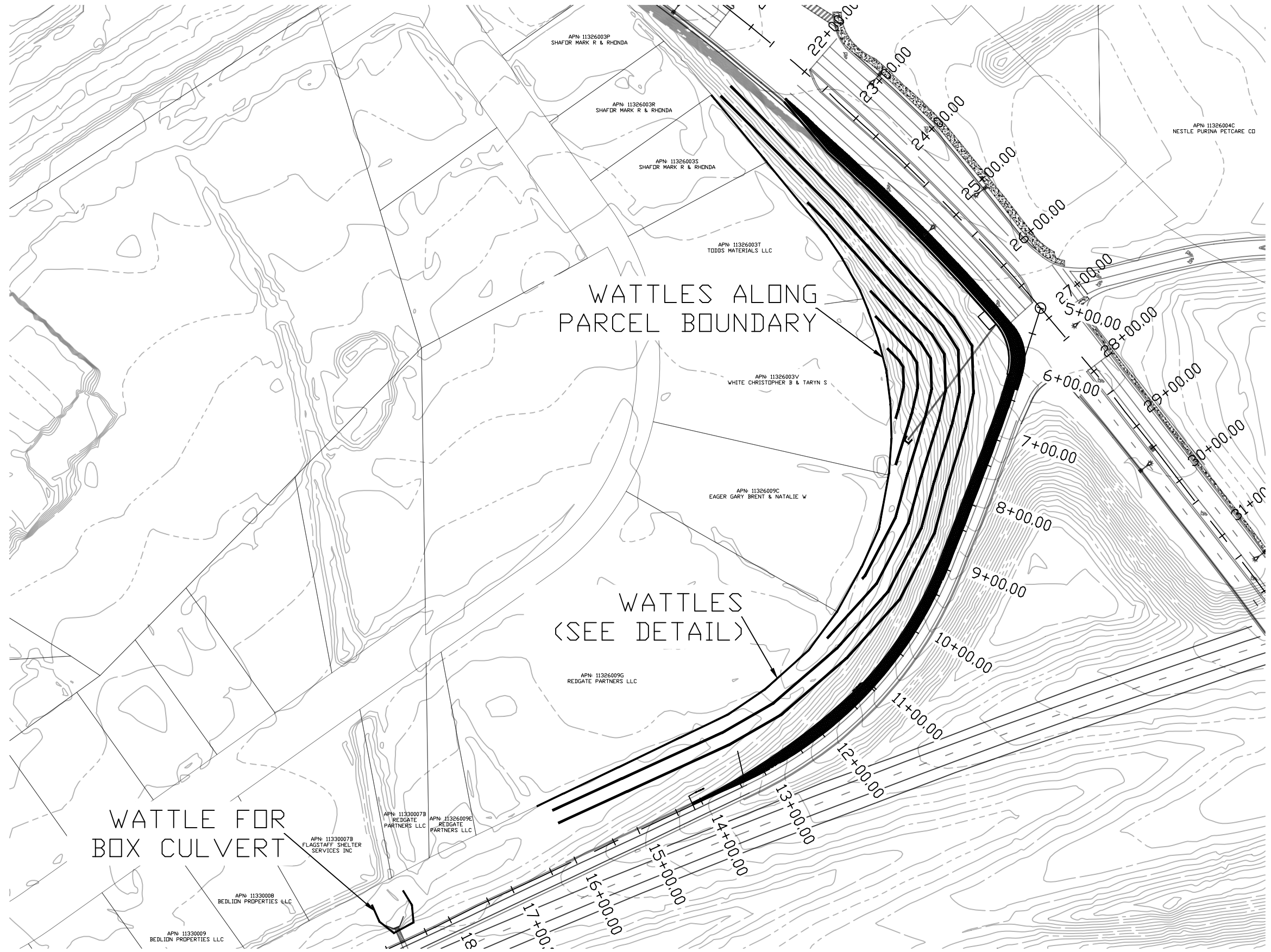
SCALE 1" = 20'

DATE	05/05/20	REV 1:		REV 2:	
I-40/CC IMPROVEMENT PROJECT			LOCATION FLAGSTAFF, AZ		
DESIGN	MT	SHEET TITLE		DR01	
DRAWN	MT	NO. 25		OF 27	
CHECK	ZJ				

11+00

12+00

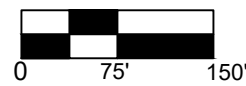
13+00



WATTLES ALONG
PARCEL BOUNDARY

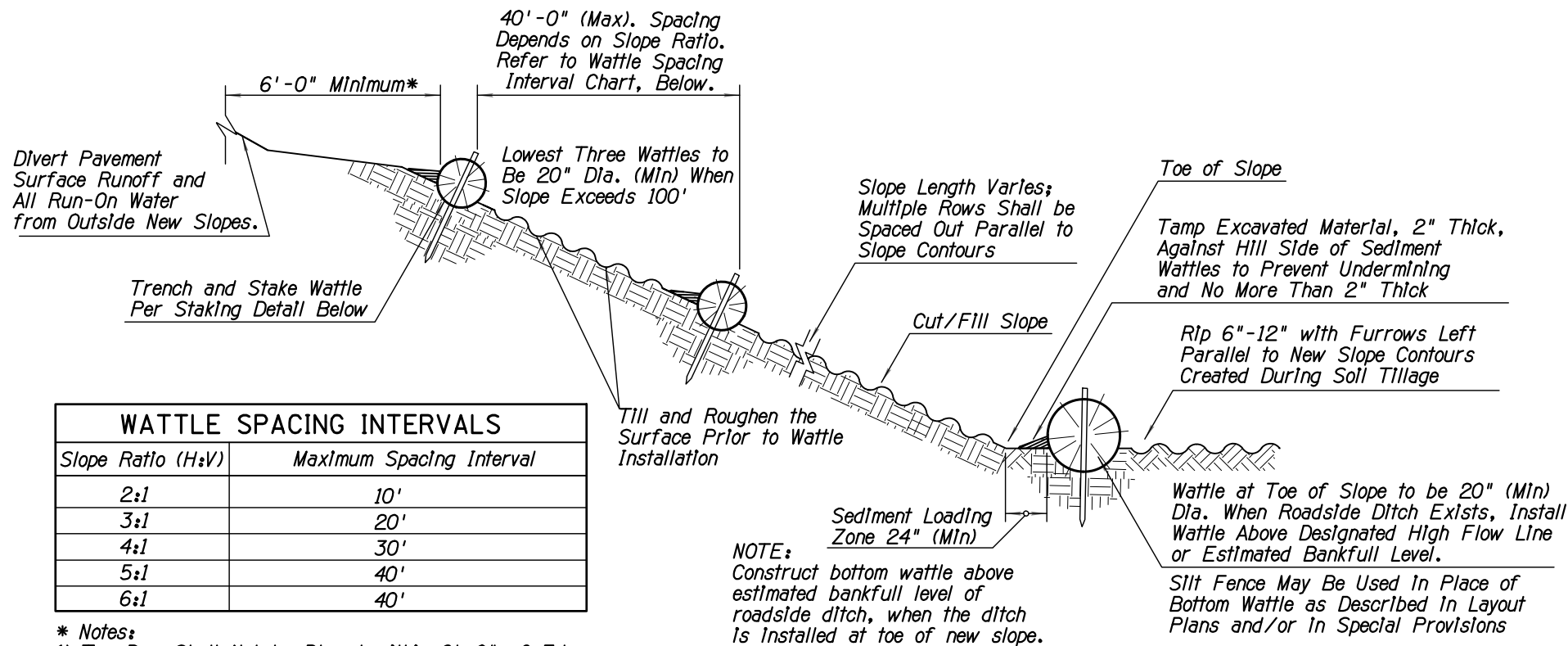
WATTLES
(SEE DETAIL)

WATTLE FOR
BOX CULVERT



SCALE 1" = 150'

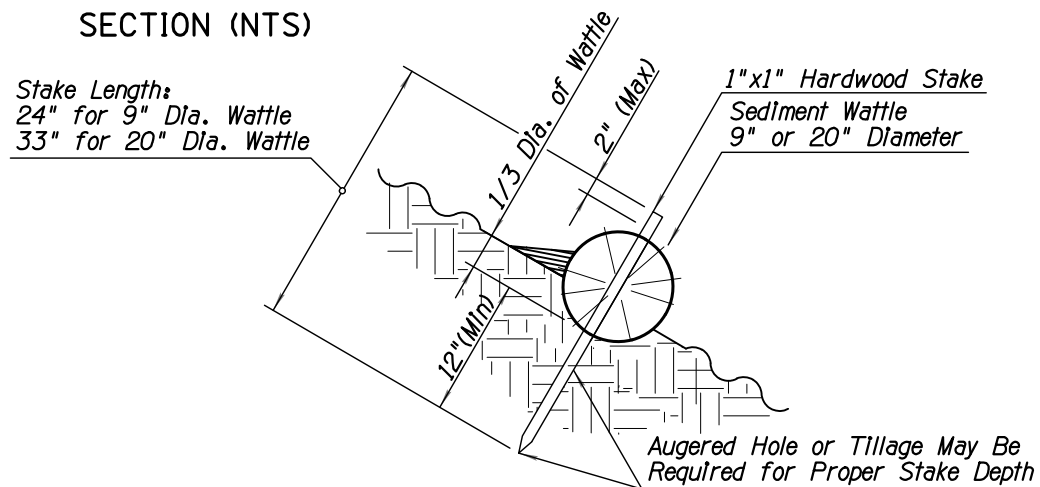
DATE	05/05/20	REV 1:		REV 2:	
I-40/CC IMPROVEMENT PROJECT		SHEET TITLE EC01			
LOCATION FLAGSTAFF, AZ		DESIGN	RL	CHECK	MT
		DRAWN	RL	NO.	26 OF 27



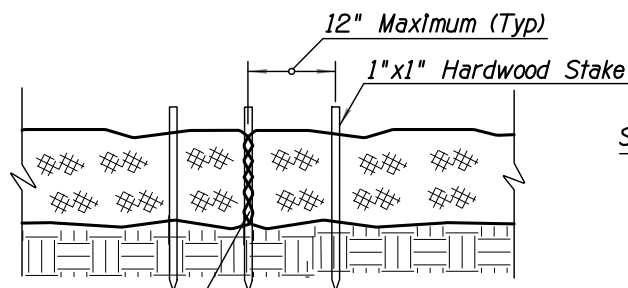
NOTES:

1. Install Sediment Wattles as slopes are constructed to grade or as directed by the Engineer. Select, Install and maintain in conformance with manufacturers' specifications to meet site conditions for slope protection and in accordance with good engineering practices. No Sediment Wattles shall be installed in urban freeway medians, nor where cable barrier systems are employed.
2. Sediment Wattles shall be in continuous contact with trench bottom and sides. Do not overlap wattle ends on top of each other. A 20" Dia. wattle may be made from 2-3 rolled excelsior or straw blankets.
3. Butt adjoining wattles tightly against each other. Drive the first end stake of the second wattle at an angle toward the first wattle to help abut them tightly.
4. Repair any rills or gullies promptly. Make field adjustments and corrections of Wattle BMP immediately if it is causing flooding, erosion, and/or affecting roadway safety.
5. Construction of cut slopes 2:1 and steeper in soil and rock materials that can be ripped shall be constructed, whenever possible, by Minibenching. Refer to Slope Minibenching BMP Detail.
6. Loosening surface soil is not required where Minibenches are used. For seeded areas, tillage shall be performed to form minor ridges and furrows parallel to new slope contours and as specified in Section 805 of the Standard Specifications and these special provisions.
7. Divert and direct run-on water from outside of the slopes to the spillways and/or rock riprap/rock mulch. Diversion dikes and/or ditches are necessary on natural undisturbed slopes beyond the top limits of new slopes to divert run-on water.
8. Installation and maintenance of Sediment Wattle BMPs shall not negatively impact traffic safety, nor the designed function of roadway or bridge drainage facilities.
9. Install and maintain Sediment Wattle BMPs to carry the stormwater of at least 2-year, 24-hour events.
10. The Sediment Wattle BMP's pay/bid item shall include all materials used for this BMP; all ground preparation, furnishing, installing, maintenance, final removal, and disposal of this temporary BMP, as well as returning the area to an acceptable condition as approved by the Engineer.
11. Refer to Standard Specification Section 810-2.06(C) for Sediment Wattle material specifications.
12. Make field adjustments and corrections to ensure NO sensitive biological resources (native species / habitats) will be adversely impacted.

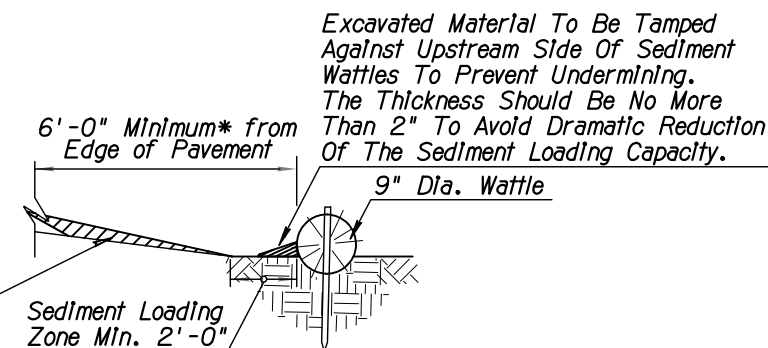
SECTION (NTS)



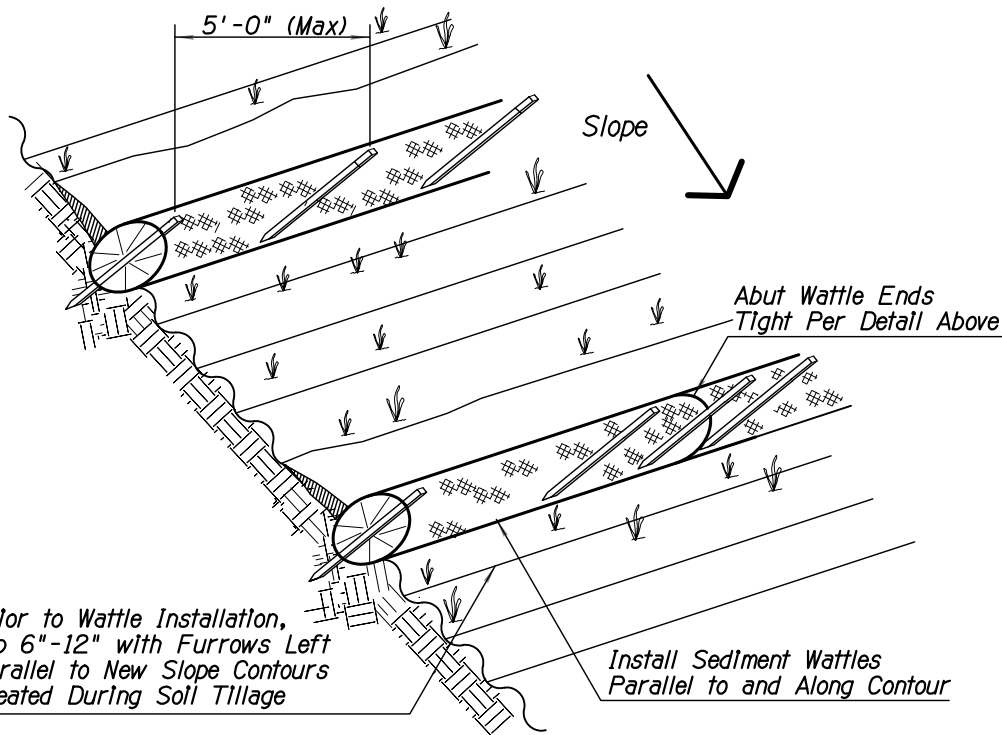
SEDIMENT WATTLE STAKING DETAIL (NTS)



SEDIMENT WATTLE OVERLAP (NTS)



NEW SHOULDER BUILDUP ** PROTECTION SECTION (NTS)



SEDIMENT WATTLE LAYOUT (NTS)

DATE	05/05/20	REV 1:		REV 2:	
I-40/CC IMPROVEMENT PROJECT					
FLAGSTAFF, AZ					LOCATION
DESIGN	ADOT	SHEET TITLE		EC02	
DRAWN	RL				
CHECK	MT	NO.	27	OF	27

SCALE NTS