

ON-RAMP WIDENING PROJECT



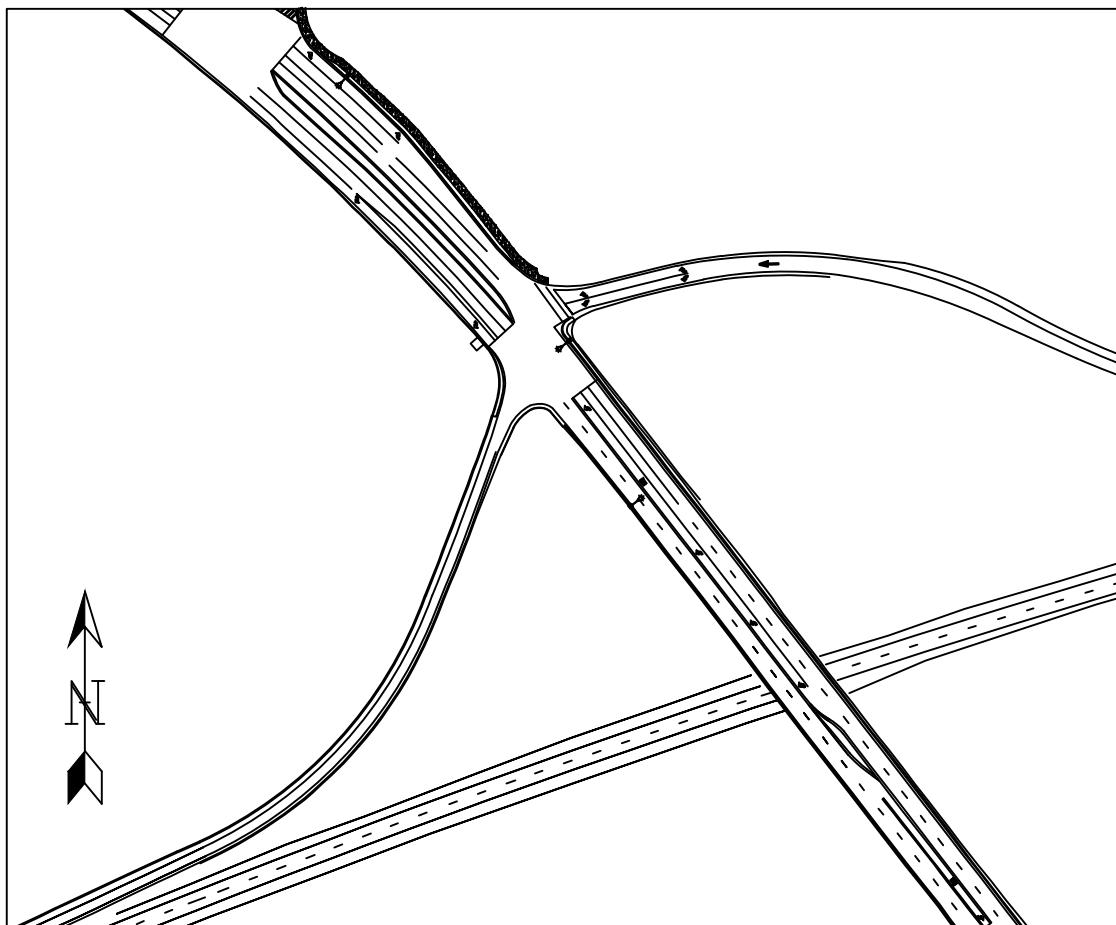
SR 89 - INTERSTATE 40 HIGHWAY
COUNTRY CLUB DRIVE NESTLE PURINA - HIGHWAY ENTRANCE

ARIZONA DEPARTMENT
OF
TRANSPORTATION
INTERMODAL
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
OV01 = SHEET OVERVIEW
GR01-GR05 = GRADING
TX01-TX03 = TYPICAL SECTIONS
PV01-PV08 = PLAN AND PROFILE
DR01 = DRAINAGE
EC01-EC02 = EROSION CONTROL

General Notes

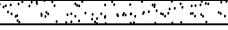
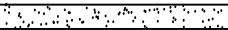
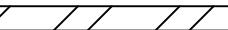
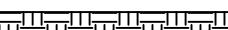
1. Roadway plans have been designed utilizing the Construction Standard Drawing (C-Series). Refer to the 1A sheet of a listing of current revision dates.
2. Right-of-Way markers shall be furnished and placed by ADOT Right of Way Plans Section forces.
3. The project roadway shall be striped by the contractor 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 05/05/20	REV 1:	REV 2:
I-40/CC IMPROVEMENT PROJECT		FLAGSTAFF, AZ
LOCATION		
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

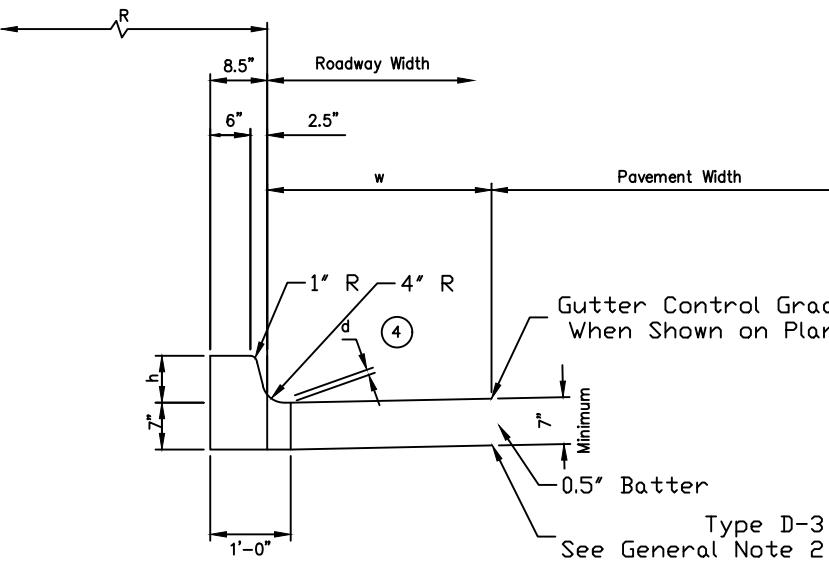
SYMBOLS

-  = CATCH BASIN
-  = LIGHT POLE

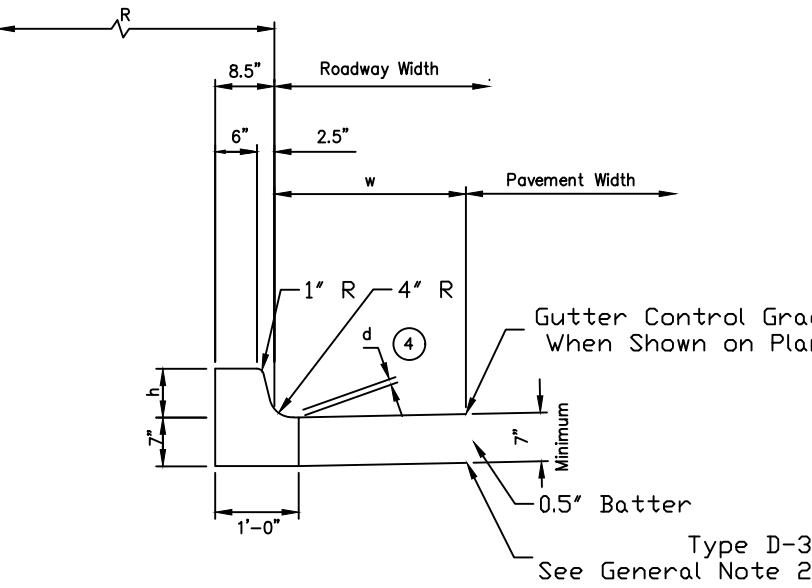
ABBREVIATIONS

- 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
- CL = CENTERLINE
- CMP = CORRUGATED METAL PIPE
- CNC. = CONCRETE
- D = DIAMETER
- DTL = DETAIL
- DWG = DRAWING
- EA = EACH
- 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

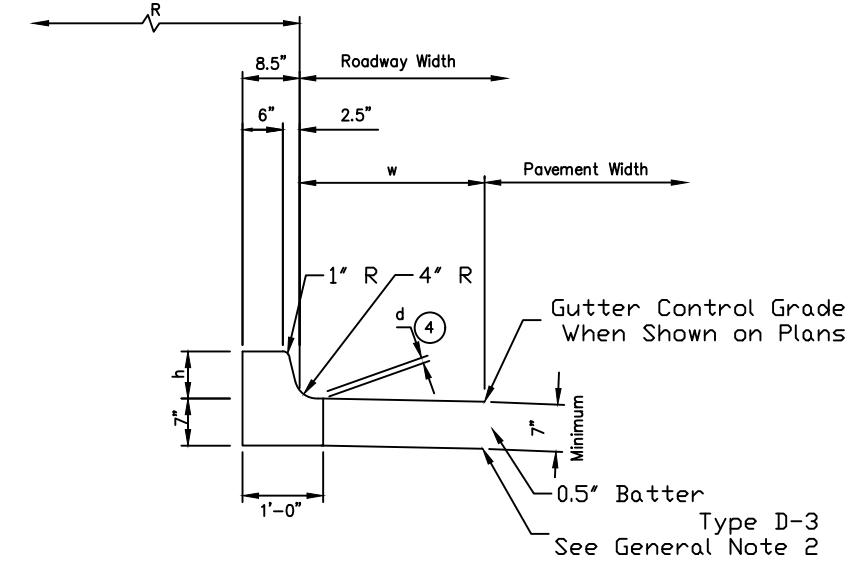
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I-40/CC IMPROVEMENT PROJECT		FLAGSTAFF, AZ	
		LOCATION	
DESIGN	MT	SHEET TITLE	
DRAWN	MT	IX01	
CHECK	ZJ	NO.	03 OF 27



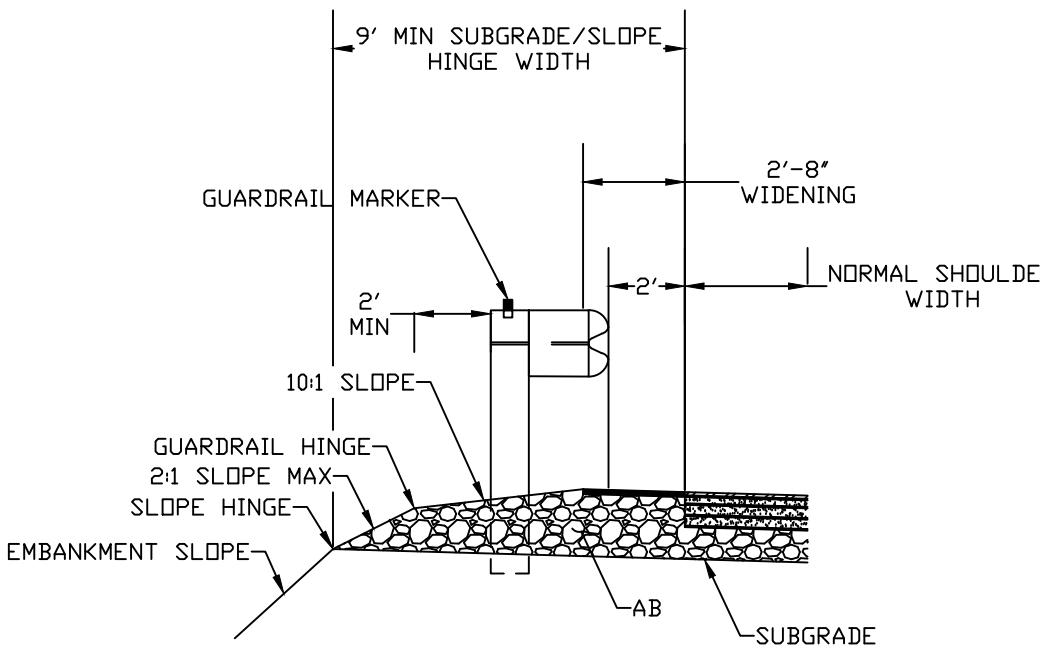
ADOT STD DTL C-5.10
TYPE D-1, H=7"



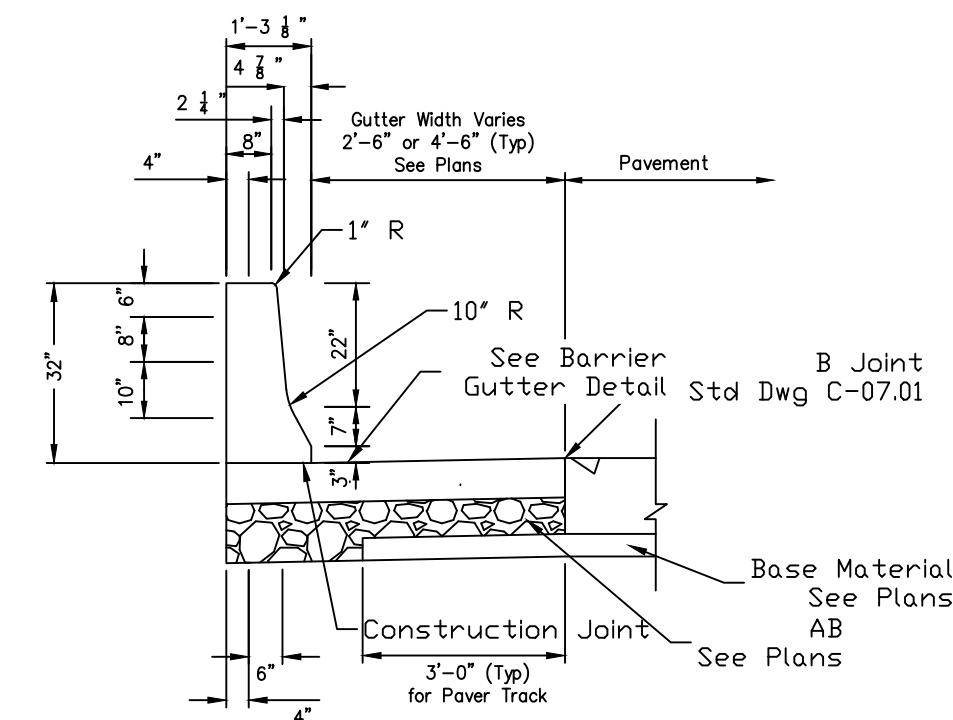
ADOT STD DTL C-5.10
TYPE D, H=7"



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



ADOT STD DTL
C-10.01
NO EMBANKMENT CURB
GUARDRAIL

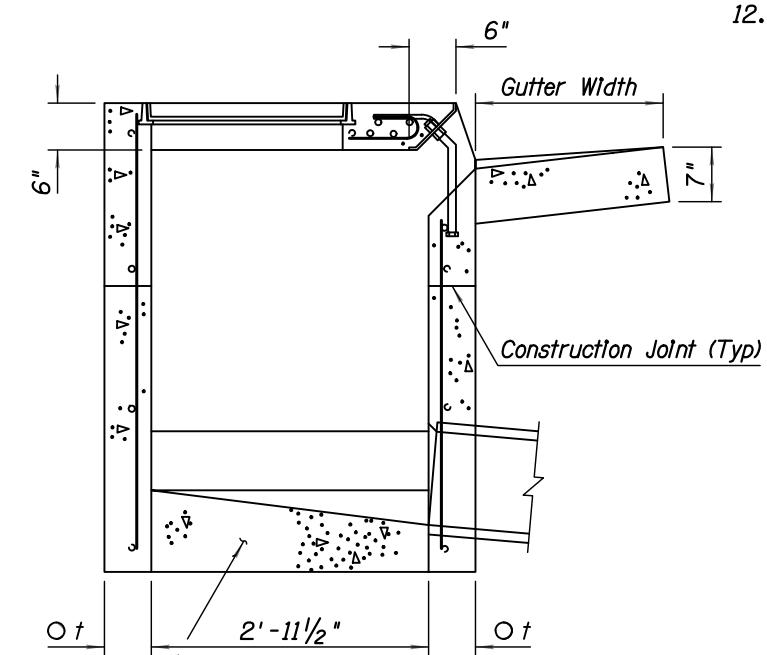
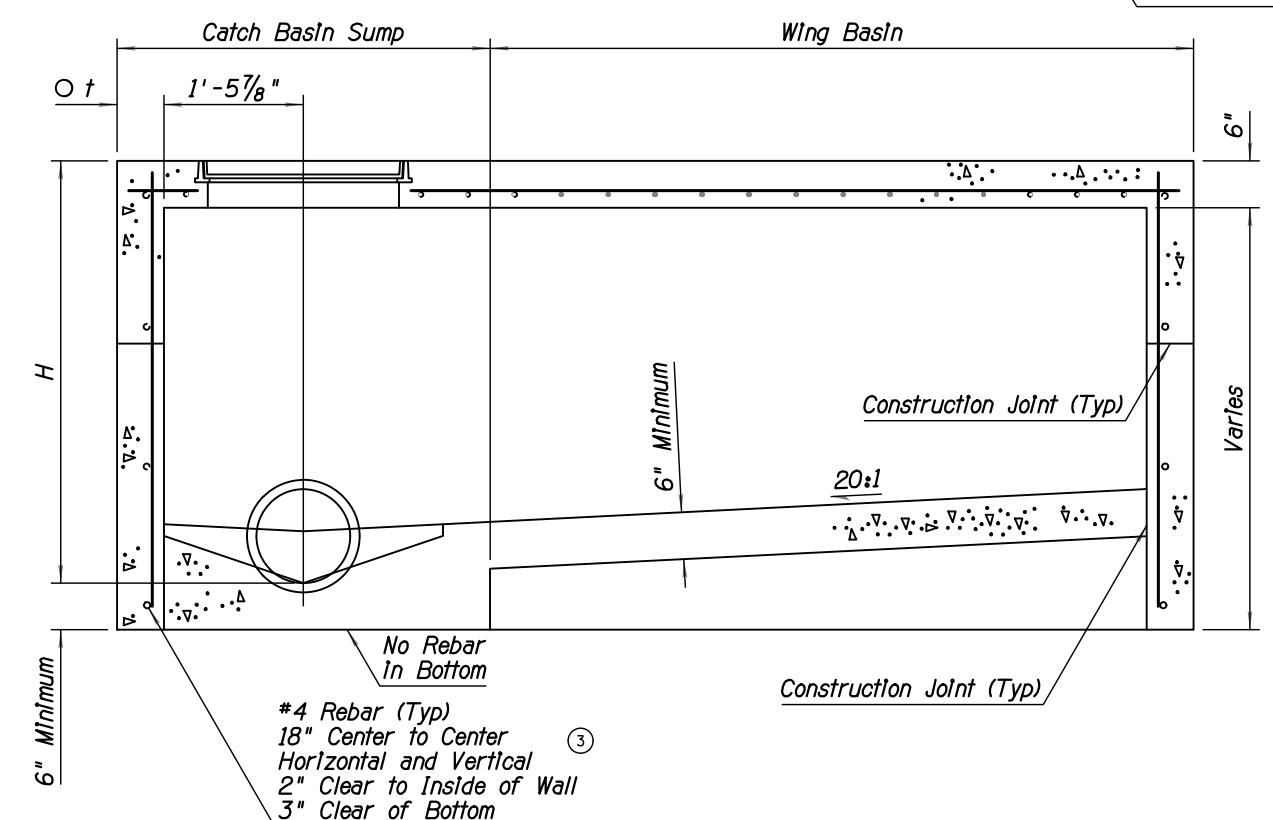
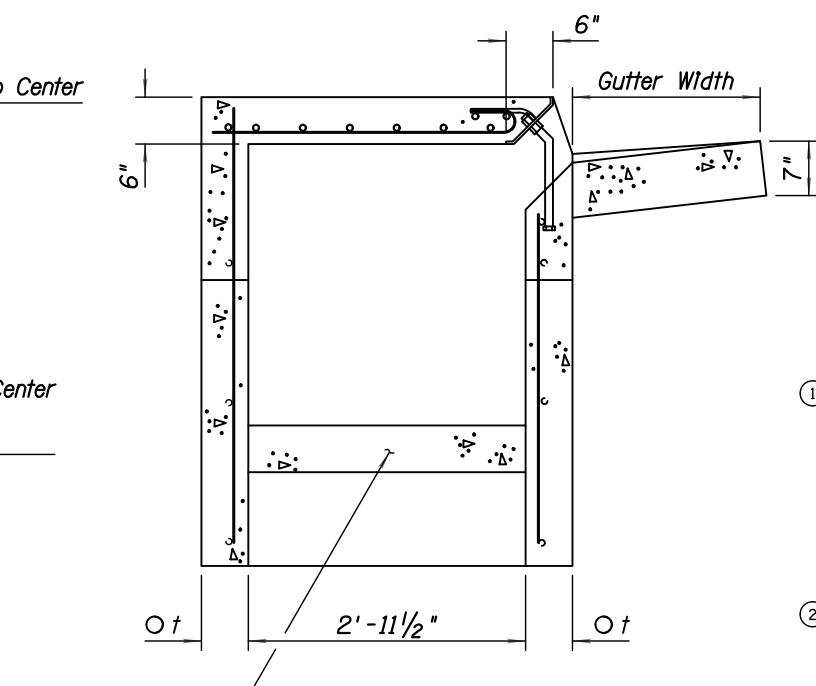
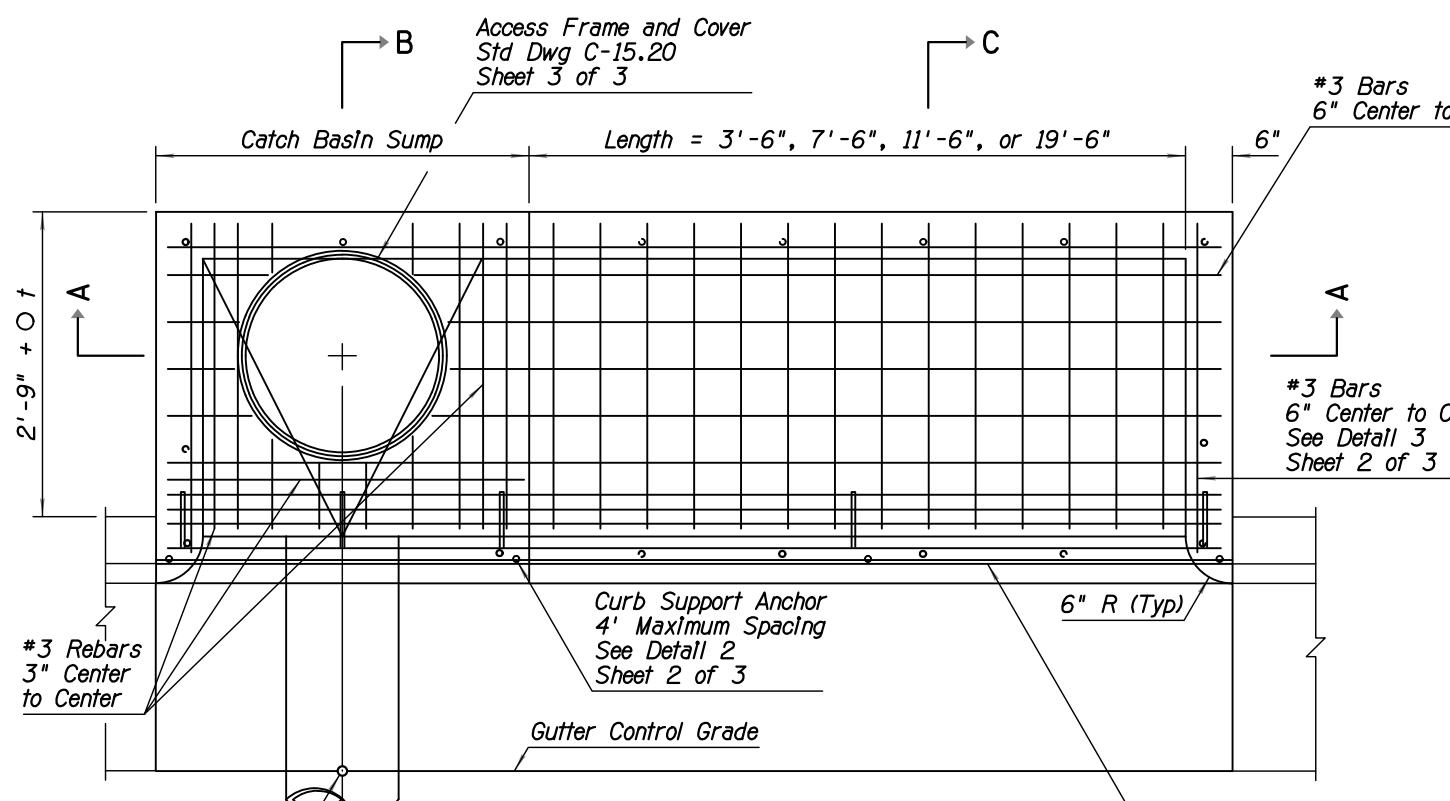


ADOT STD DTL C-10.52
TYPE F, GUTTER = 2.5'
CONCRETE HALF BARRIER

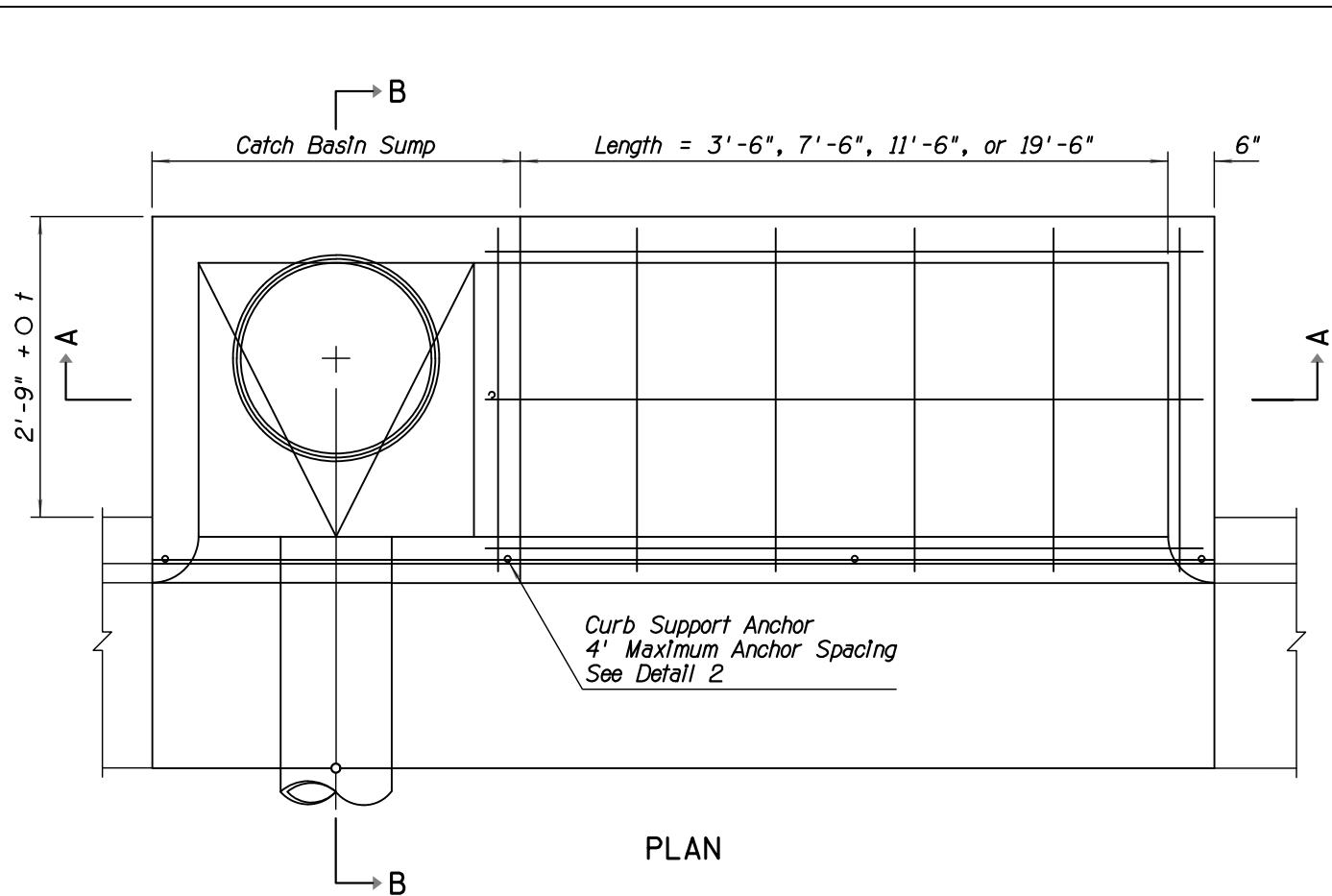
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REV 1:	
REV 2:	
LOCATION	I-40/CC IMPROVEMENT PROJECT FLAGSTAFF, AZ
DESIGN	ADOT
DRAWN	MT
CHECK	ZJ
SHEET TITLE	DT01 NO. 04 OF 27

GENERAL NOTES

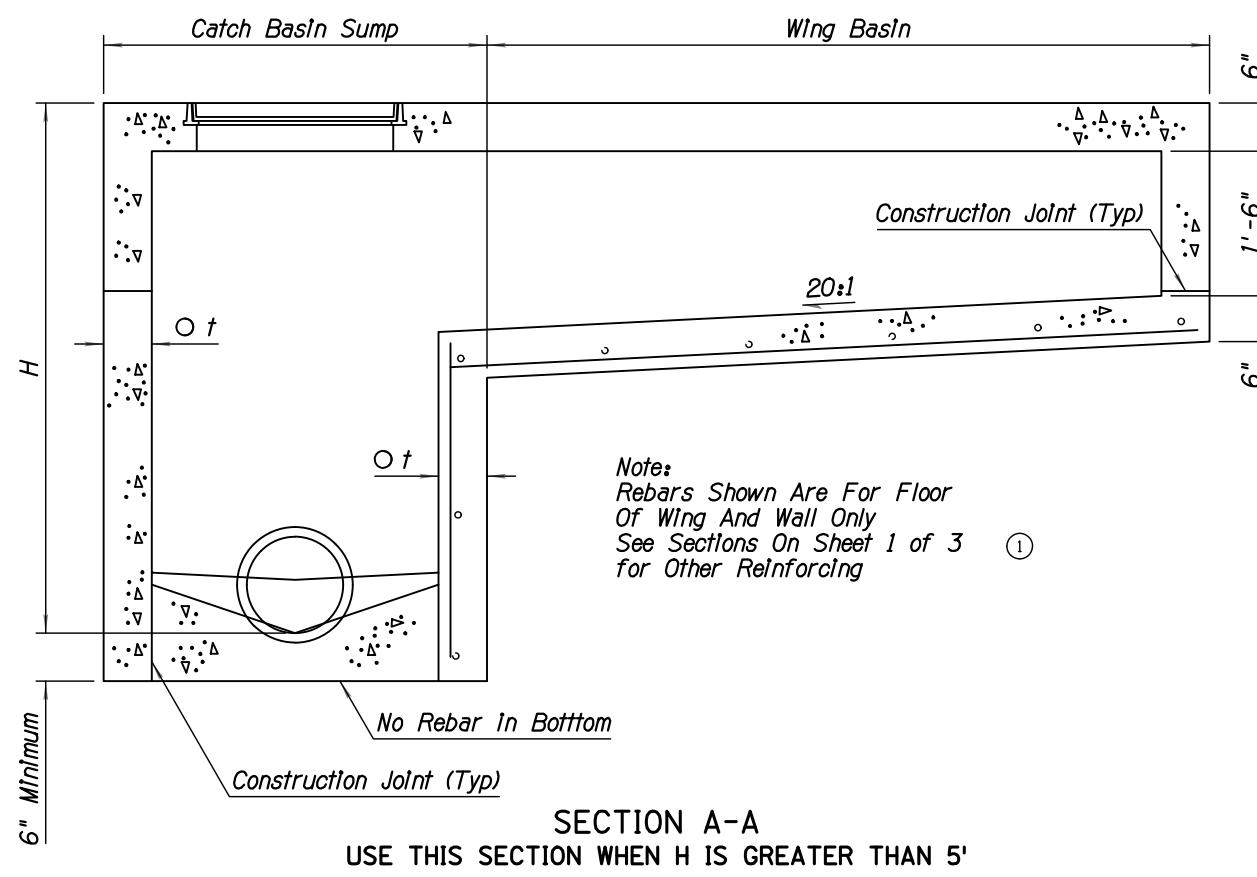
1. Catch basin can be used on grade or at roadway sag.
2. Catch basin has three configurations:
④ Sump Only-Sump portion of catch basin
(See Detail 4, Sheet 2 of 3).
Single Wing (Illustrated)-Sump with wing basin upstream.
Double Wing-Sump with symmetrical wing basins each side.
3. Pipes can be placed 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'.



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

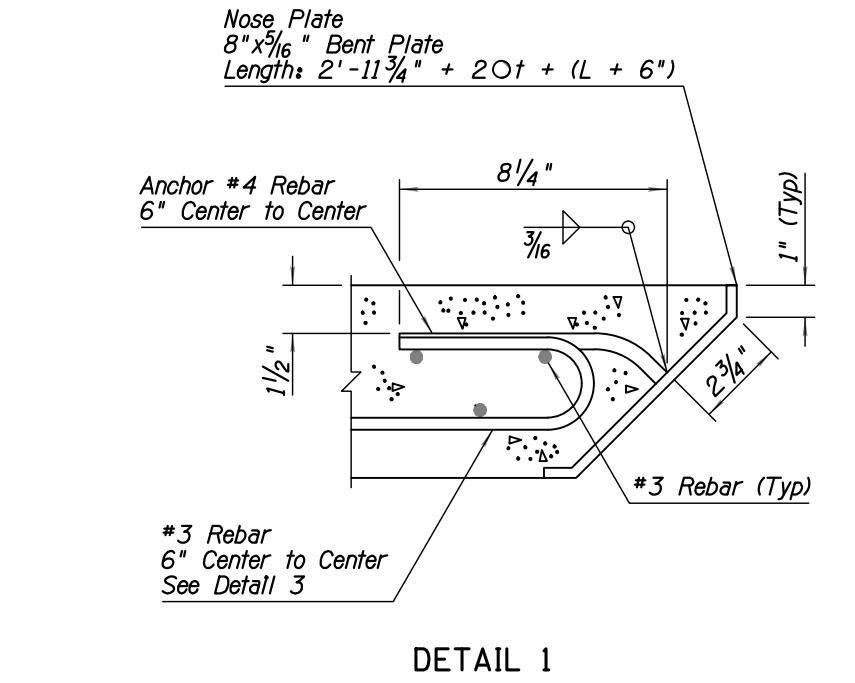


PLAN

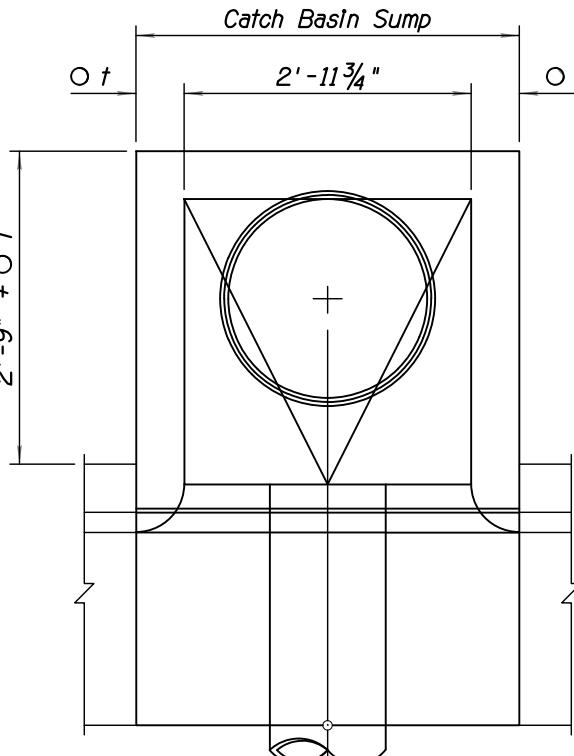


SECTION A-A

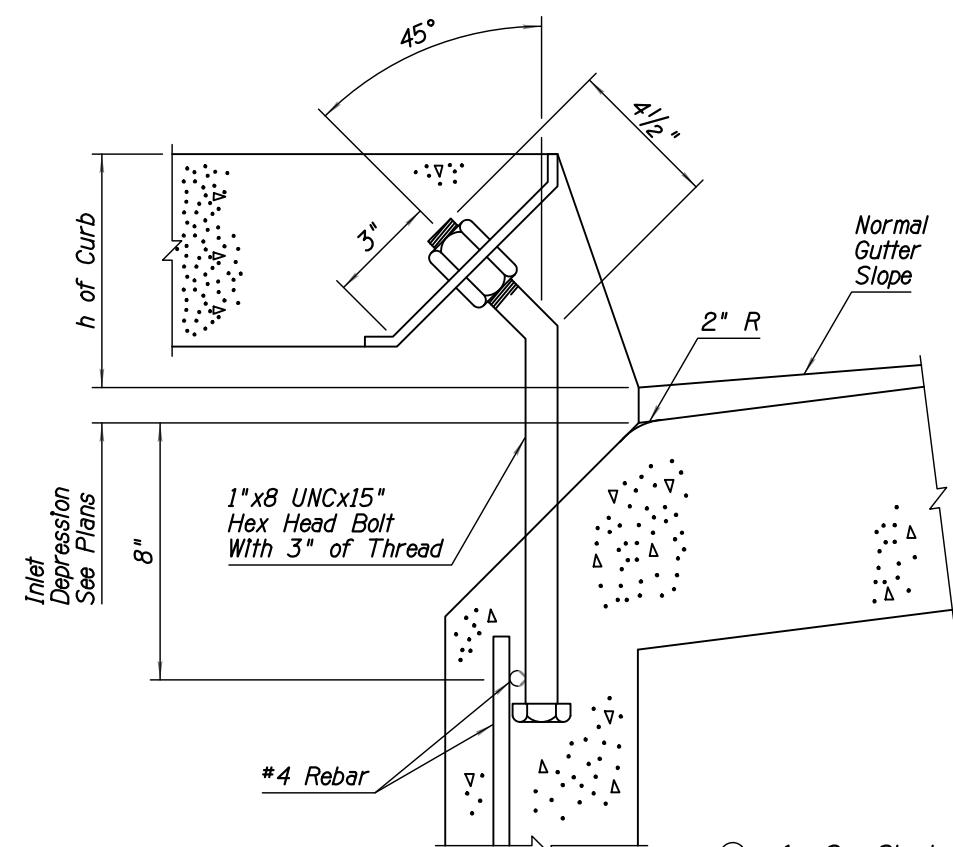
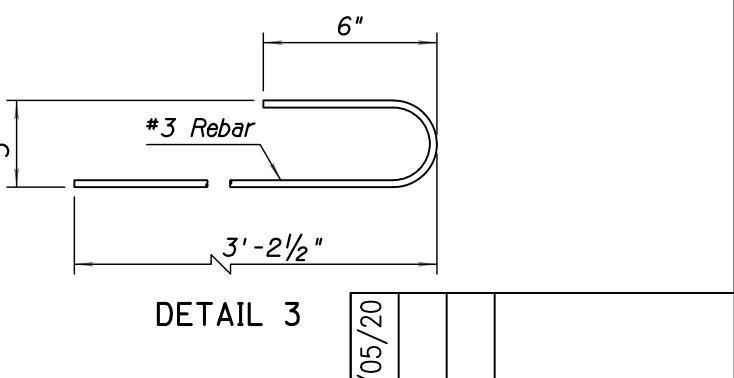
USE THIS SECTION WHEN H IS GREATER THAN 5'



DETAIL 1



DETAIL 4

DETAIL 2
CURB SUPPORT ANCHOR

DETAIL 3

GENERAL NOTES

- 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'

-40/CC

IMPROVEMENT PROJECT

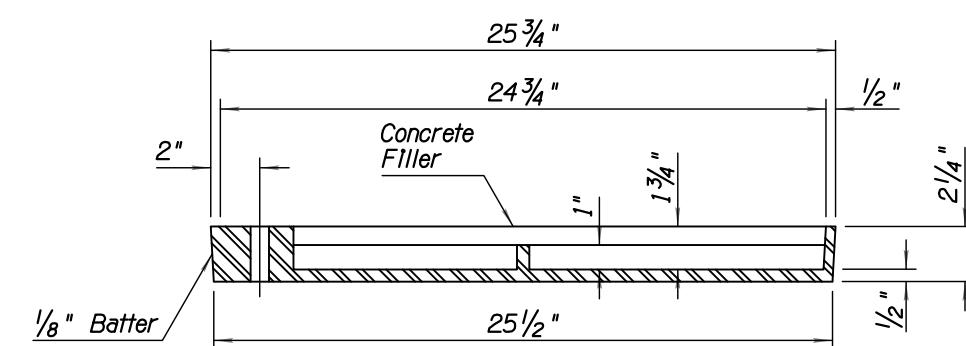
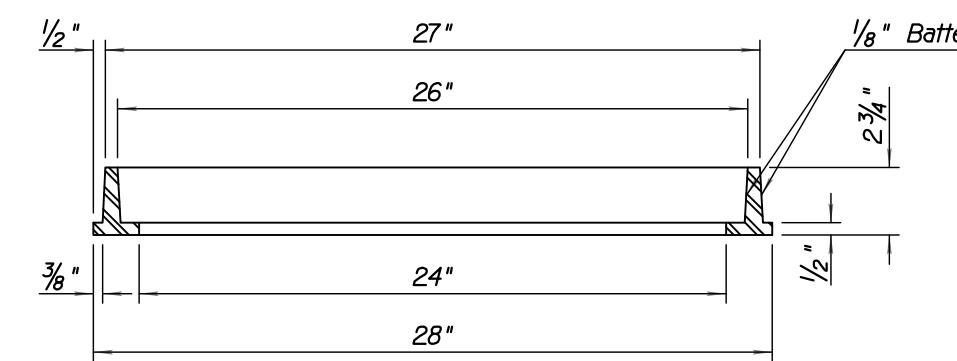
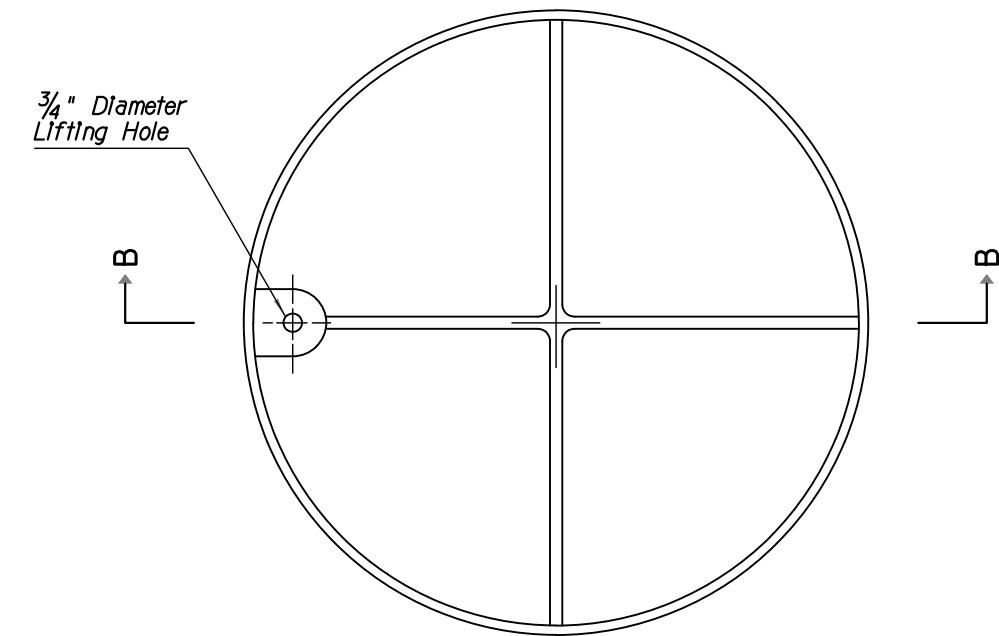
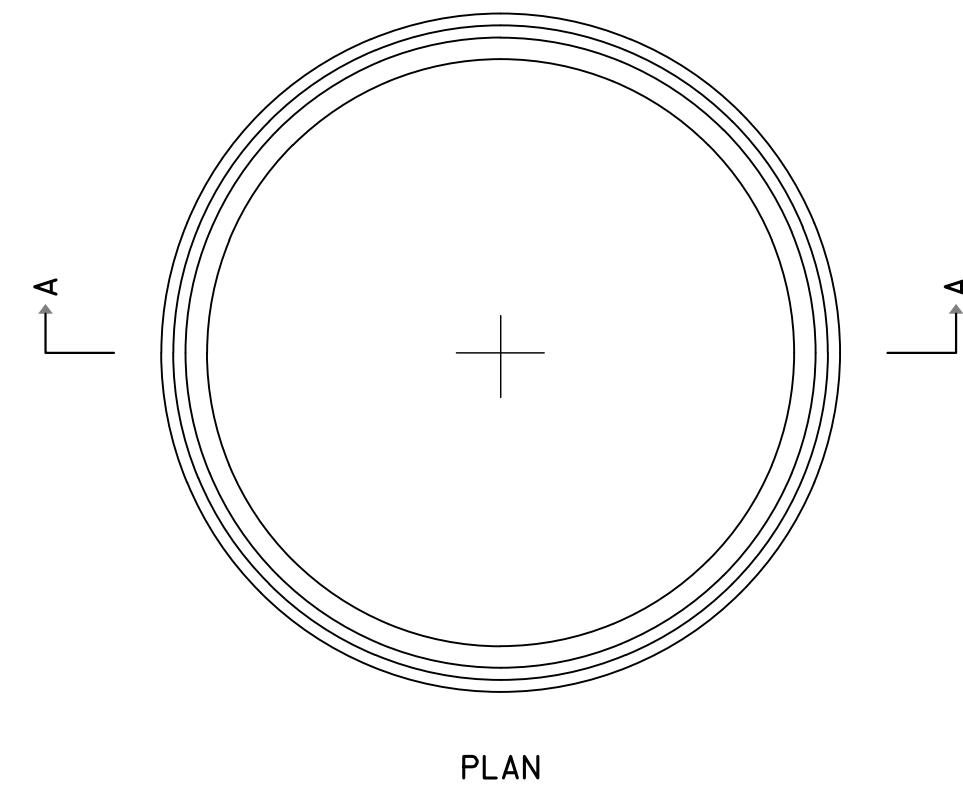
FLAGSTAFF, AZ

LOAN

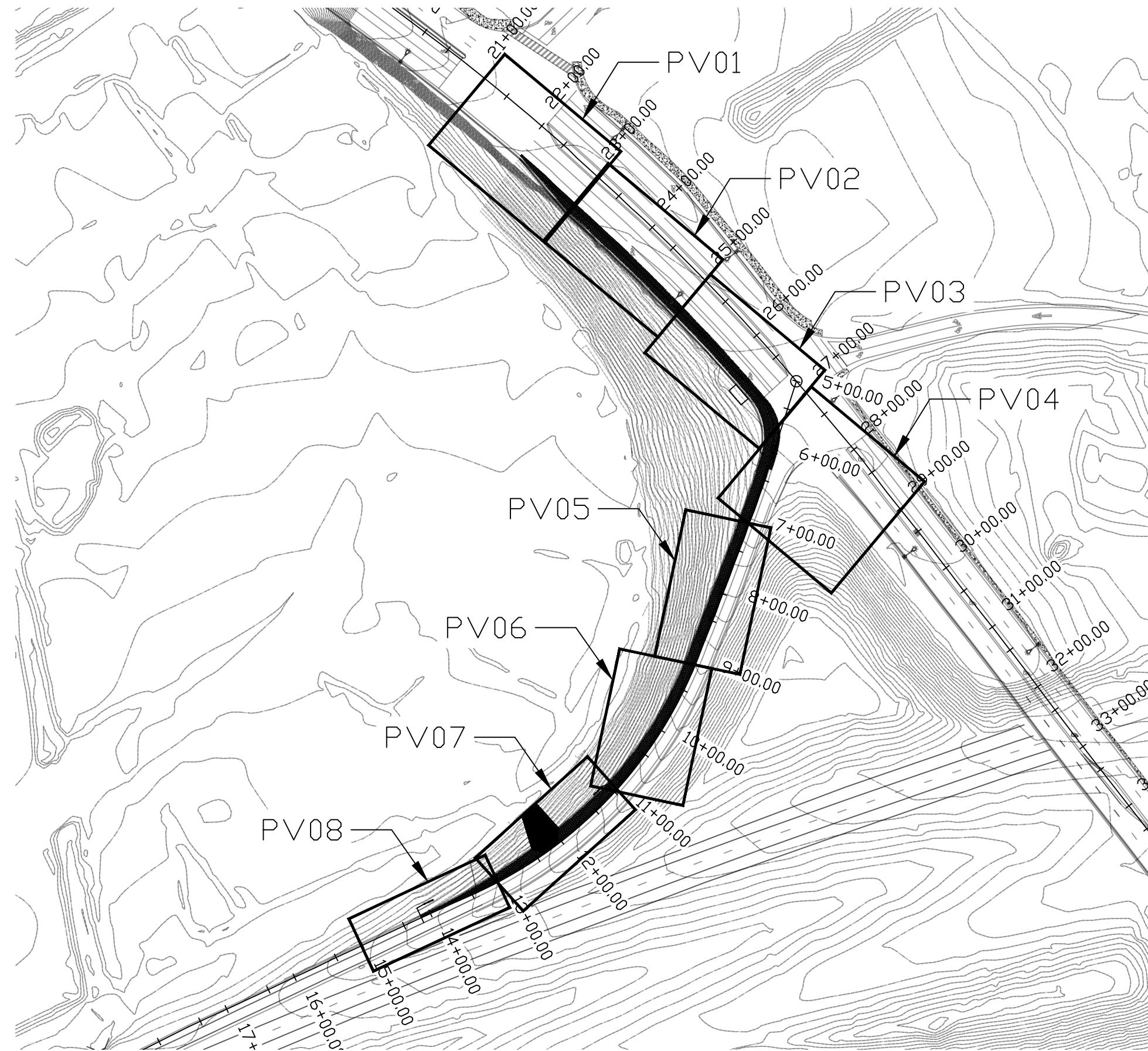
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SCALE	NTS			
CHECK	MT			
NO.	06	OF 27		

GENERAL NOTES

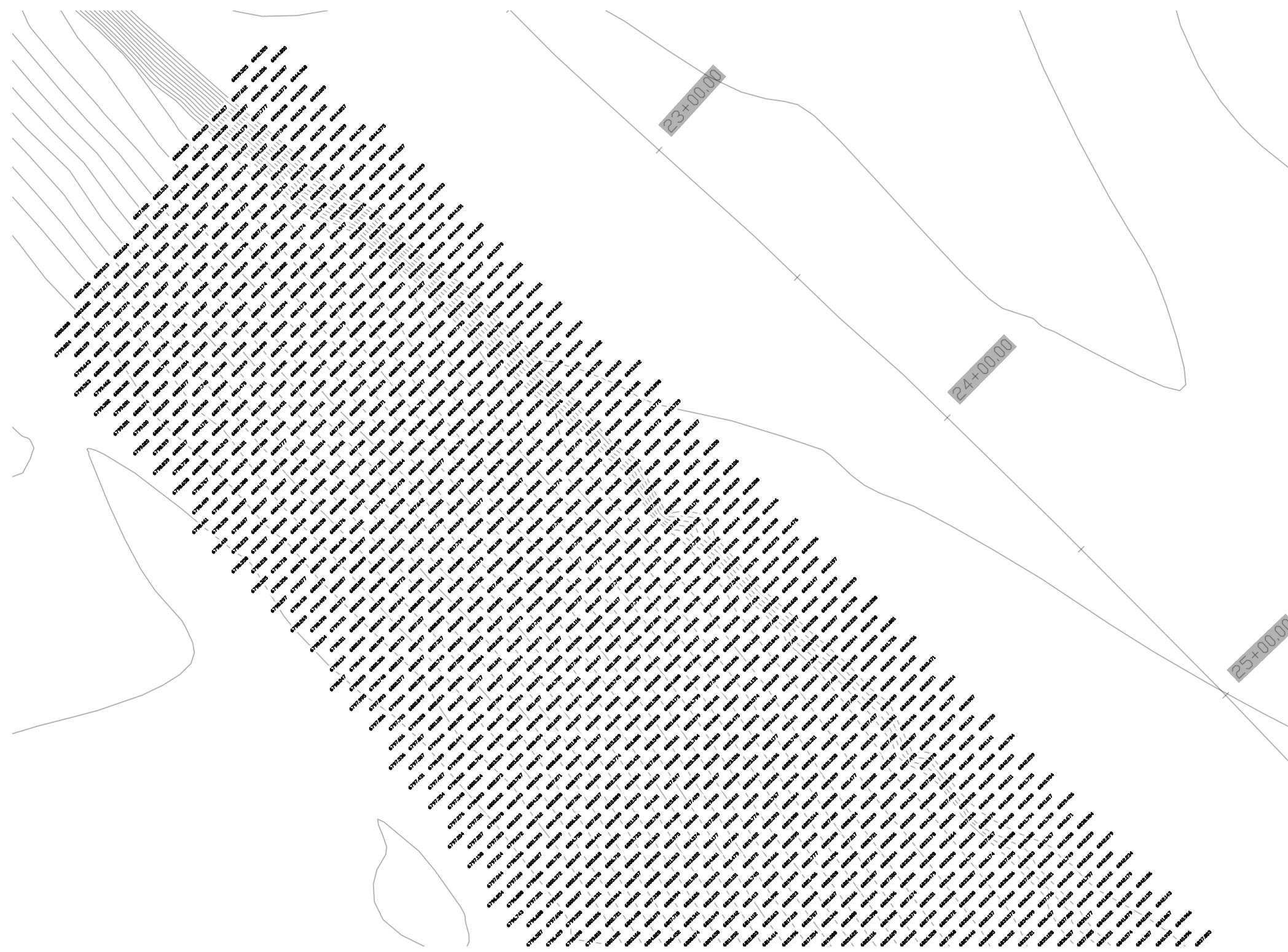
1. Cover shall be non-locking.
2. Frame and cover shall be cast iron or structural steel.
3. Catch basin access frame and cover is for use in sidewalk area only.
4. Cover shall be filled with concrete and broom finished.



IMPROVEMENT PROJECT		FLAGSTAFF, AZ	
-40/CC		Location	
DATE	05/05/20	REV:	Rev 2
ADOT		SHEET TITLE	
DESIGN	RL	DT04	
DRAWN			
SCALE	NTS	CHECK	MT
		NO.	07 OF 27



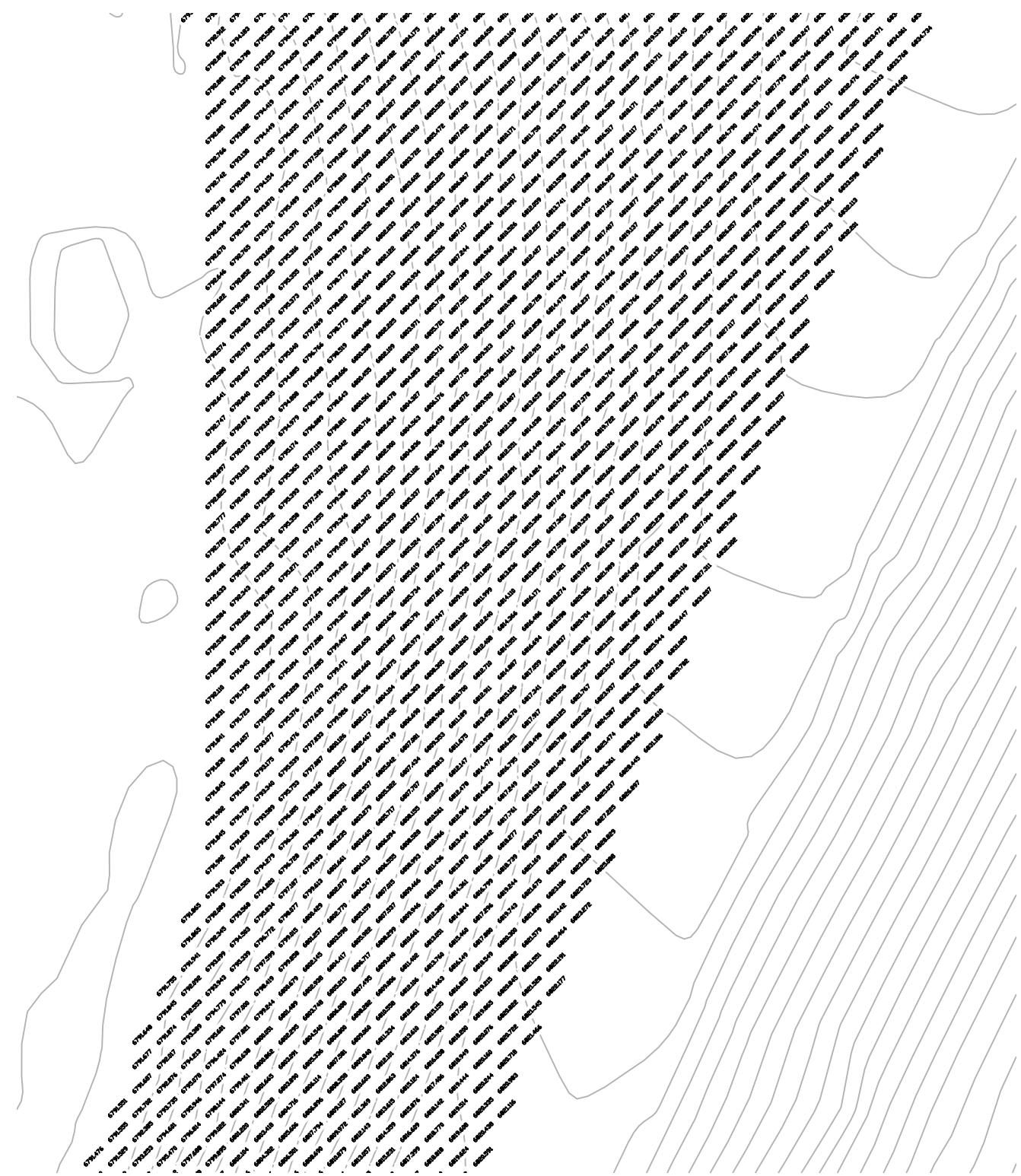
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REV 1:	
REV 2:	
I-40/CC IMPROVEMENT PROJECT	
LOCATION	FLAGSTAFF, AZ
DESIGN MT	SHEET TITLE
DRAWN MT	OV01
SCALE 1" = 150	
CHECK	ZJ
NO. 08	OF 27



DATE	05/05/20	
REV 1:		
REV 2:		
I-40/CC IMPROVEMENT PROJECT		
LOCATION	FLAGSTAFF, AZ	
DESIGN	MT	SHEET TITLE
DRAWN	MT	GR01
SCALE	1" = 30'	
CHECK	ZJ	NO. 09 OF 27



DATE		05/05/20	REV 1:	REV 2:
DESIGN	MT	SHEET TITLE		
DRAWN	MT	GR02		
SCALE 1" = 30'		CHECK	ZJ	NO. 10 OF 27
				LOCATION FLAGSTAFF, AZ I-40/CC IMPROVEMENT PROJECT



0 15 30



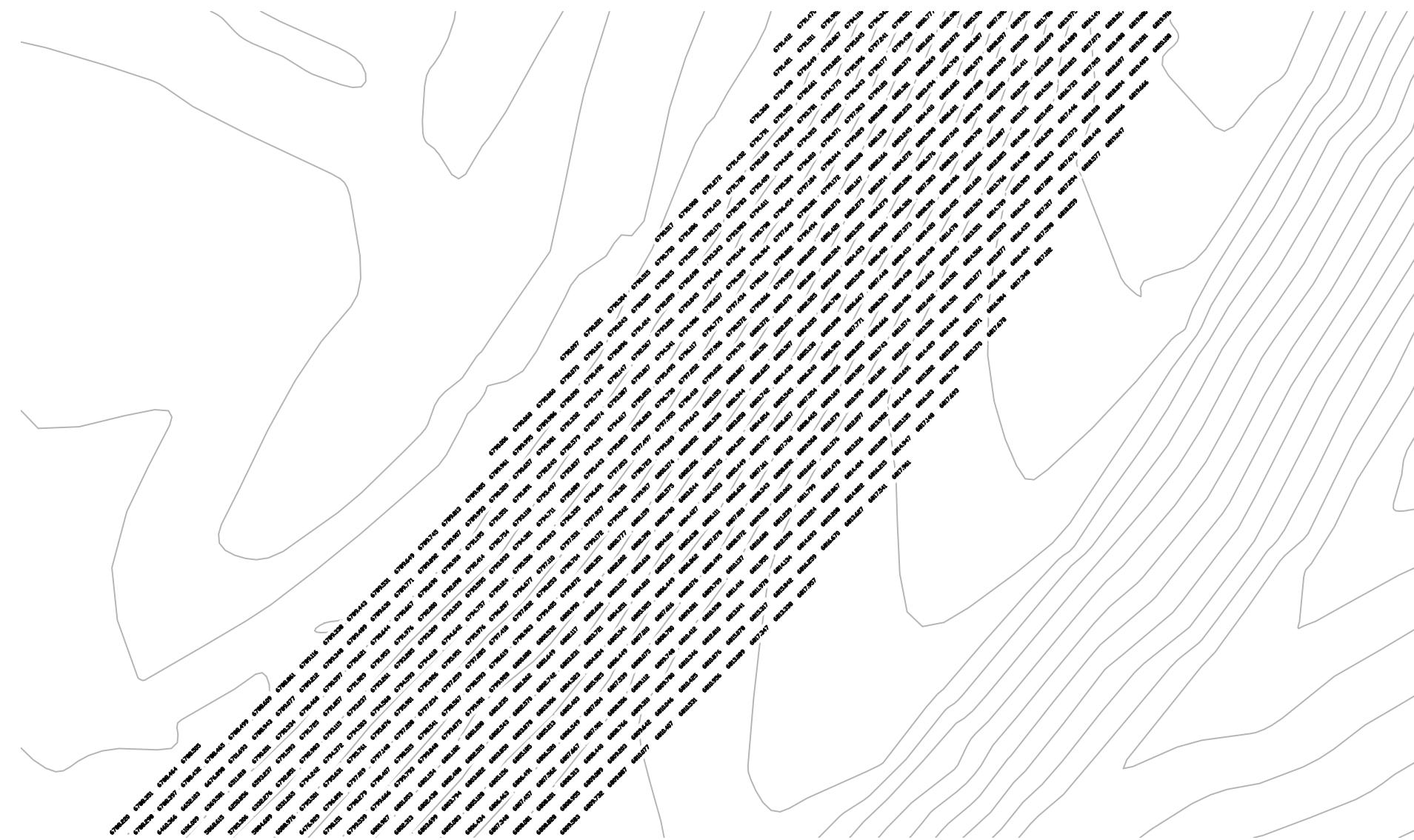
SCALE 1" = 30' CHECK ZJ NO. 11 OF 27

DESIGN MT	SHEET TITLE	
DRAWN MT	GR03	
SCALE 1" = 30'	CHECK ZJ	NO. 11 OF 27

LOCATION FLAGSTAFF, AZ

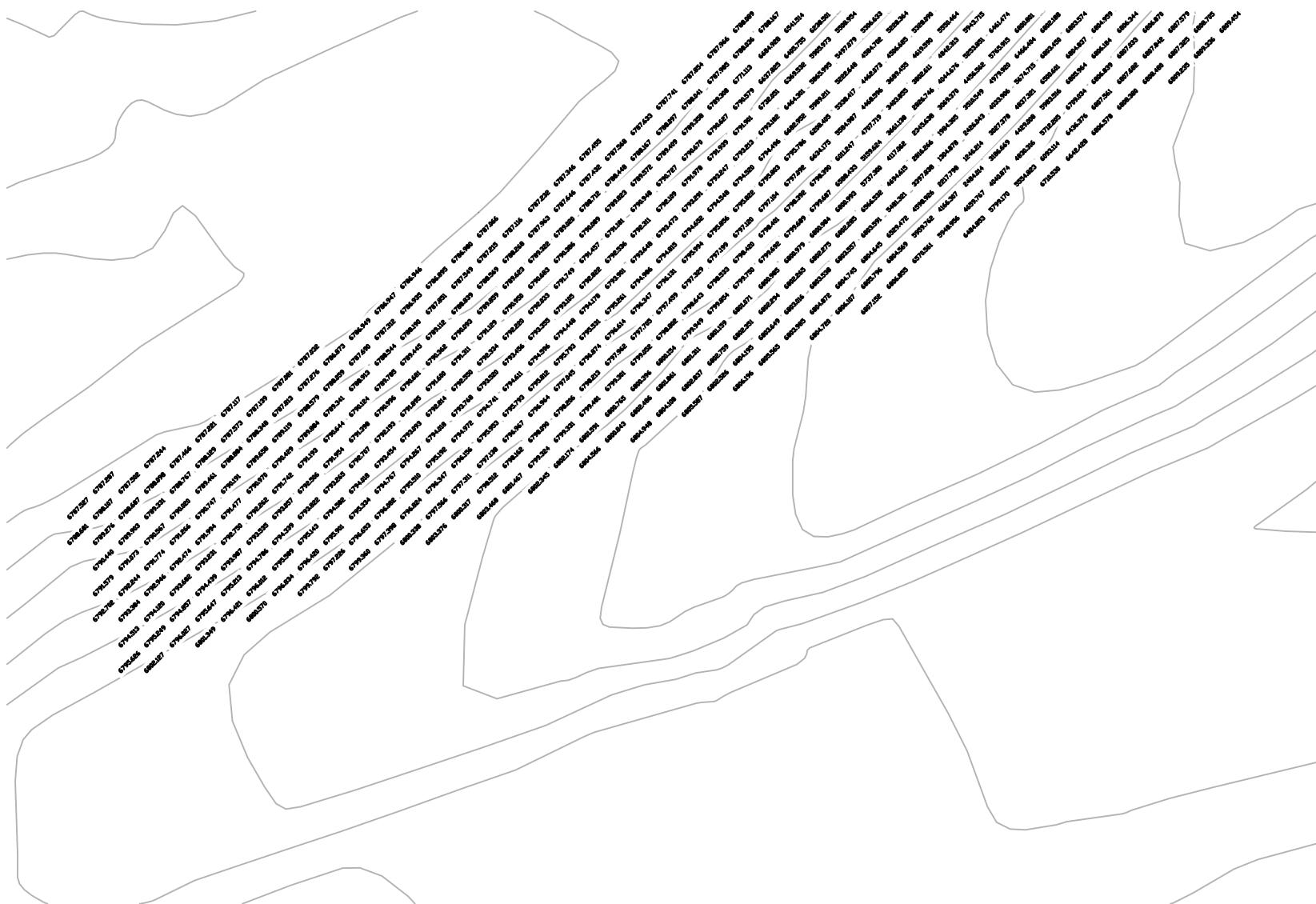
IMPROVEMENT PROJECT I-40/CC

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



SCALE 1" =

DATE	05/05/20		
REV 1:			
REV 2:			
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LOCATION	FLAGSTAFF, AZ		
DESIGN	MT	SHEET TITLE	
DRAWN	MT	GR04	
CHECK	ZJ		
	NO.	12	OF
		27	



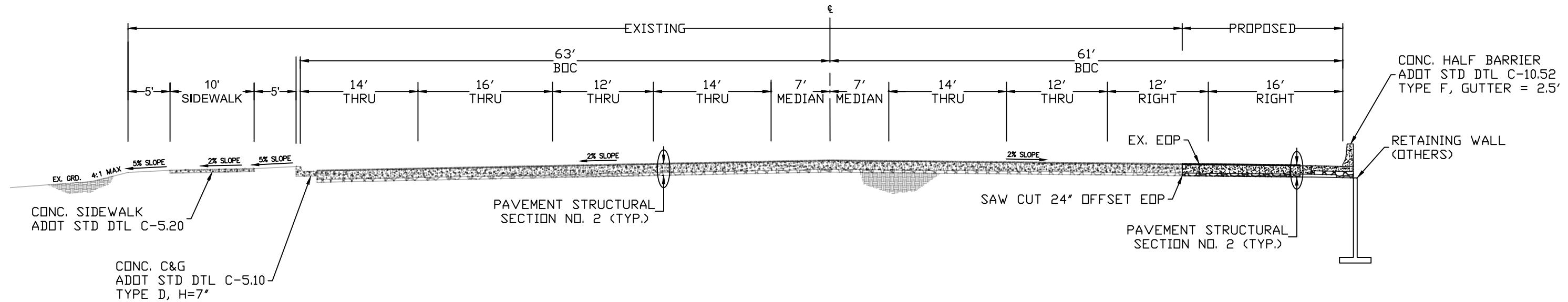
0 15 30

SCALE 1" = 30'
CHECK ZJ NO. 13 OF 27

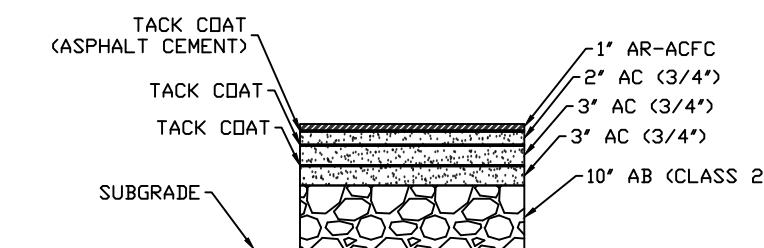
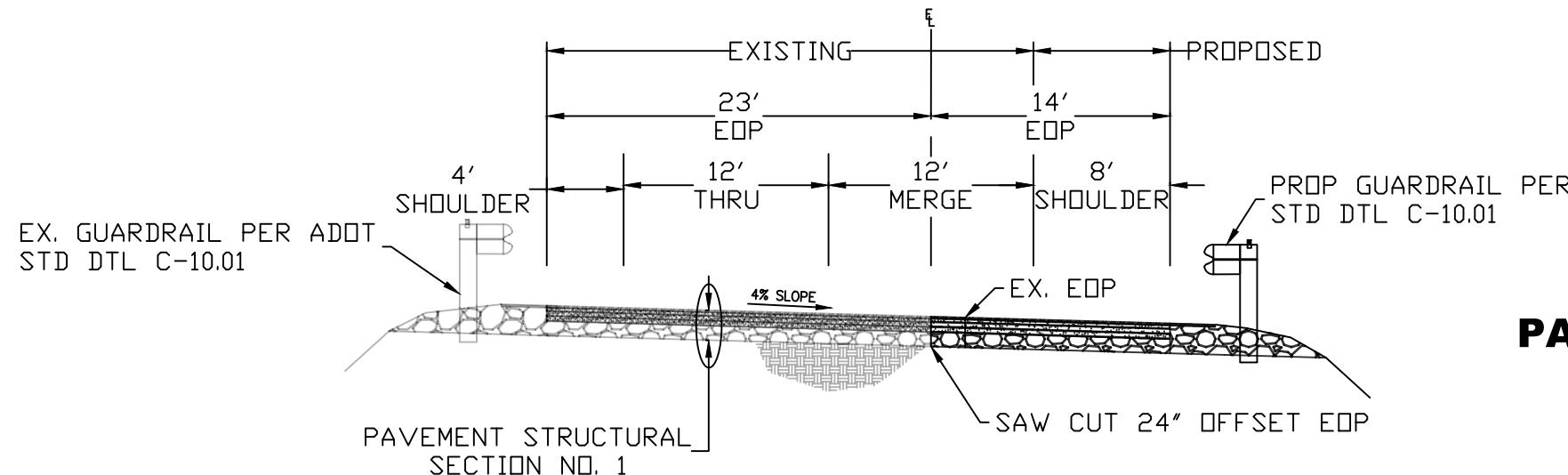
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DRAWN MT	GR05	
DATE 05/05/20	REV 1:	REV 2:
I-40/CC IMPROVEMENT PROJECT		LOCATION FLAGSTAFF, AZ



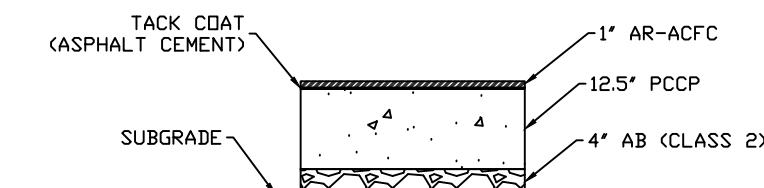
PROPOSED ROADWAY
STA 22+39.6 TO STA 26+09.3
COUNTRY CLUB DRIVE



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



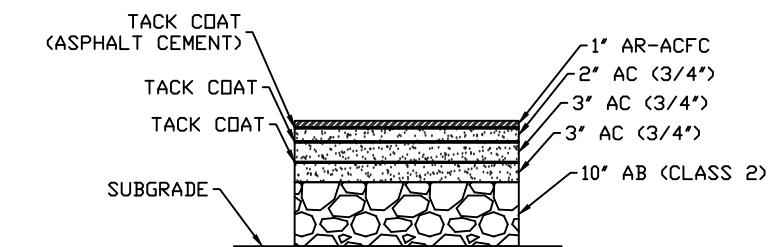
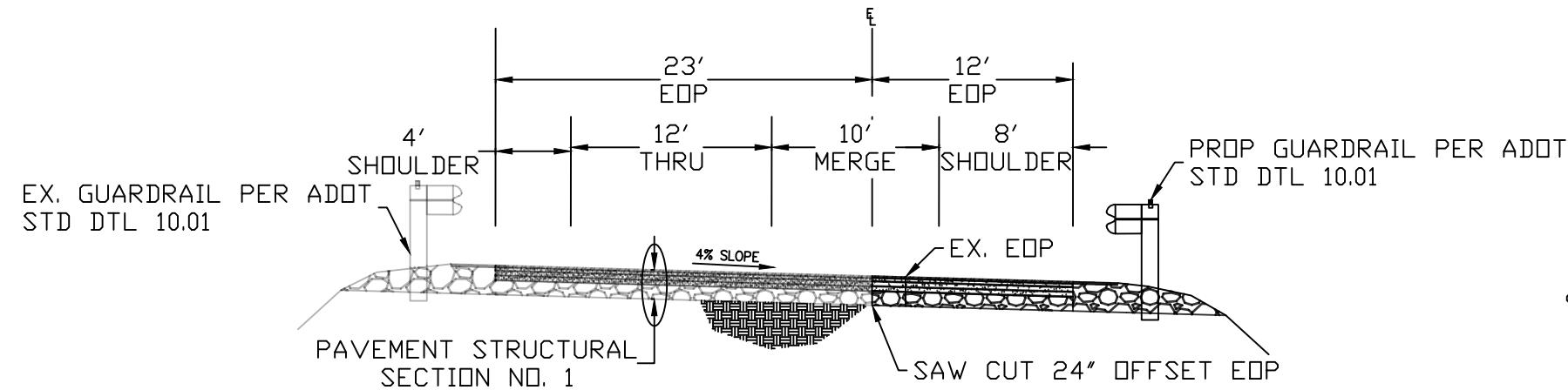
PAVEMENT STRUCTURAL SECTION NO. 1



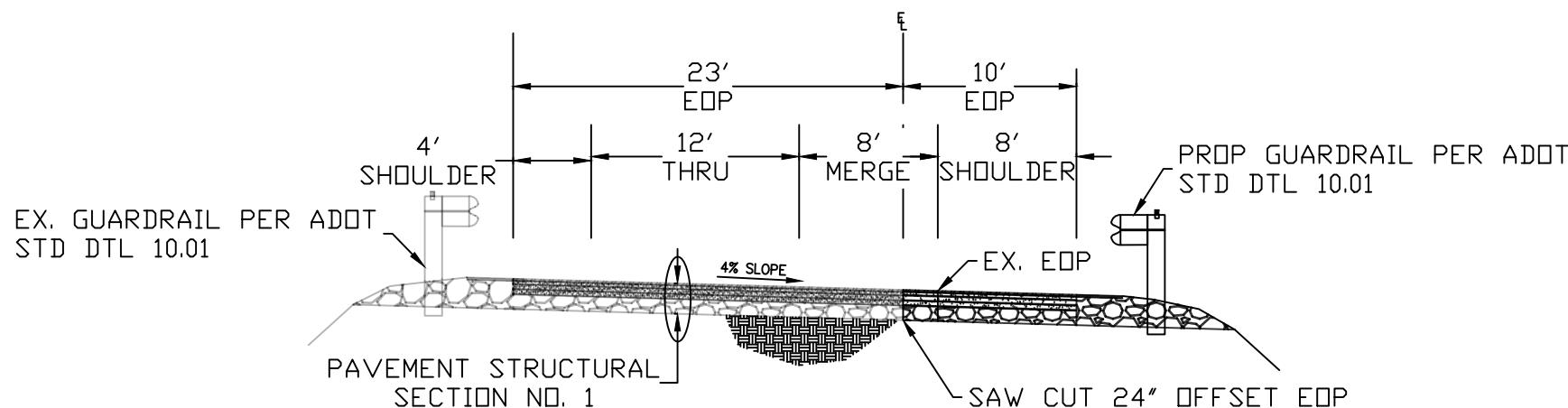
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	DATE	REV 1:	REV 2:
	05/05/20		
DESIGN	MT	SHEET TITLE	TX01
DRAWN	MT		
CHECK	ZJ	NO.	14 OF 27

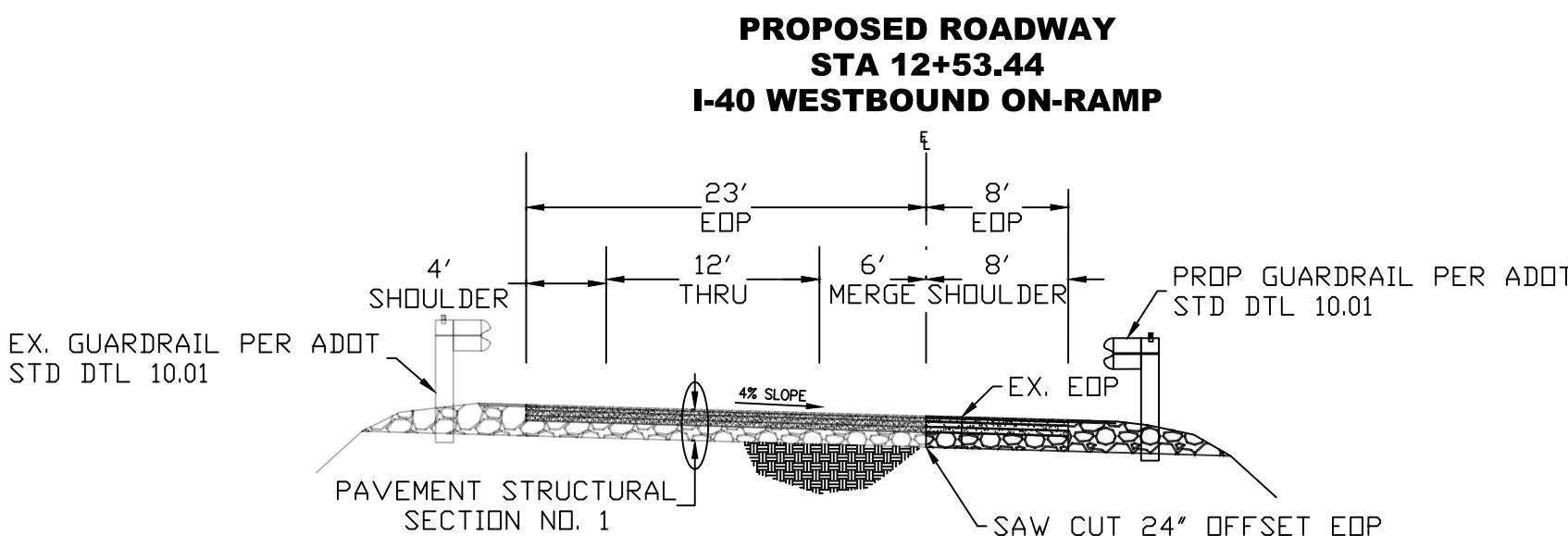
PROPOSED ROADWAY
STA 11+53.44
I-40 WESTBOUND ON-RAMP



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

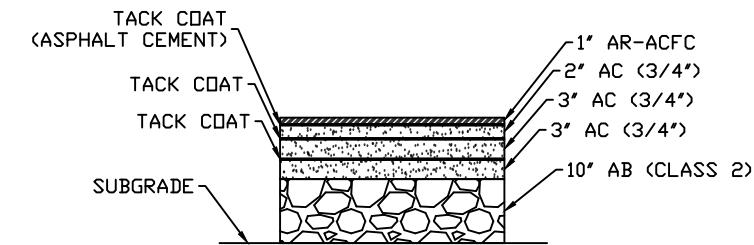
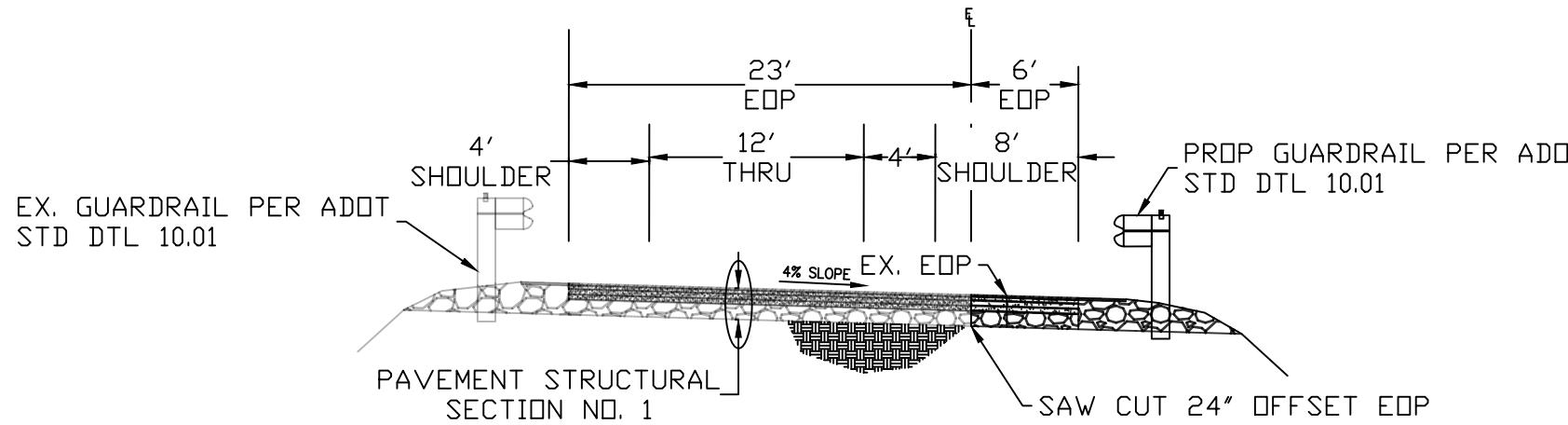


PAVEMENT STRUCTURAL SECTION NO. 1

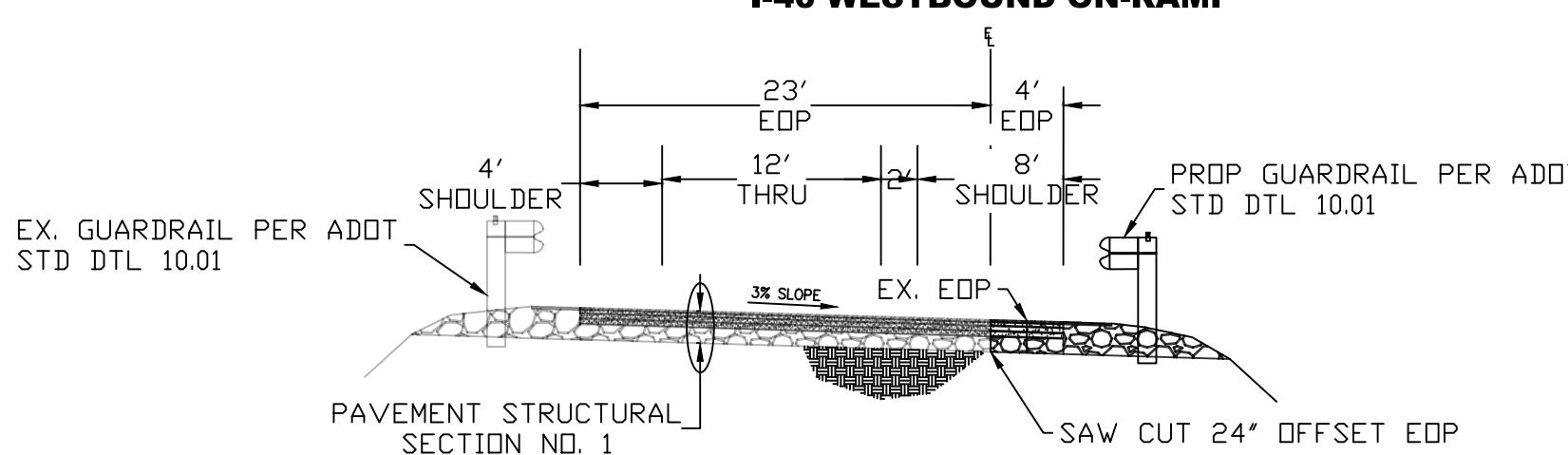


DATE	05/05/20
REV 1:	
REV 2:	
LOCATION	FLAGSTAFF, AZ
IMPROVEMENT PROJECT	I-40/CC
DESIGN	MT
DRAWN	MT
CHECK	ZJ
NO.	15
OF	27
SHEET TITLE	TX02

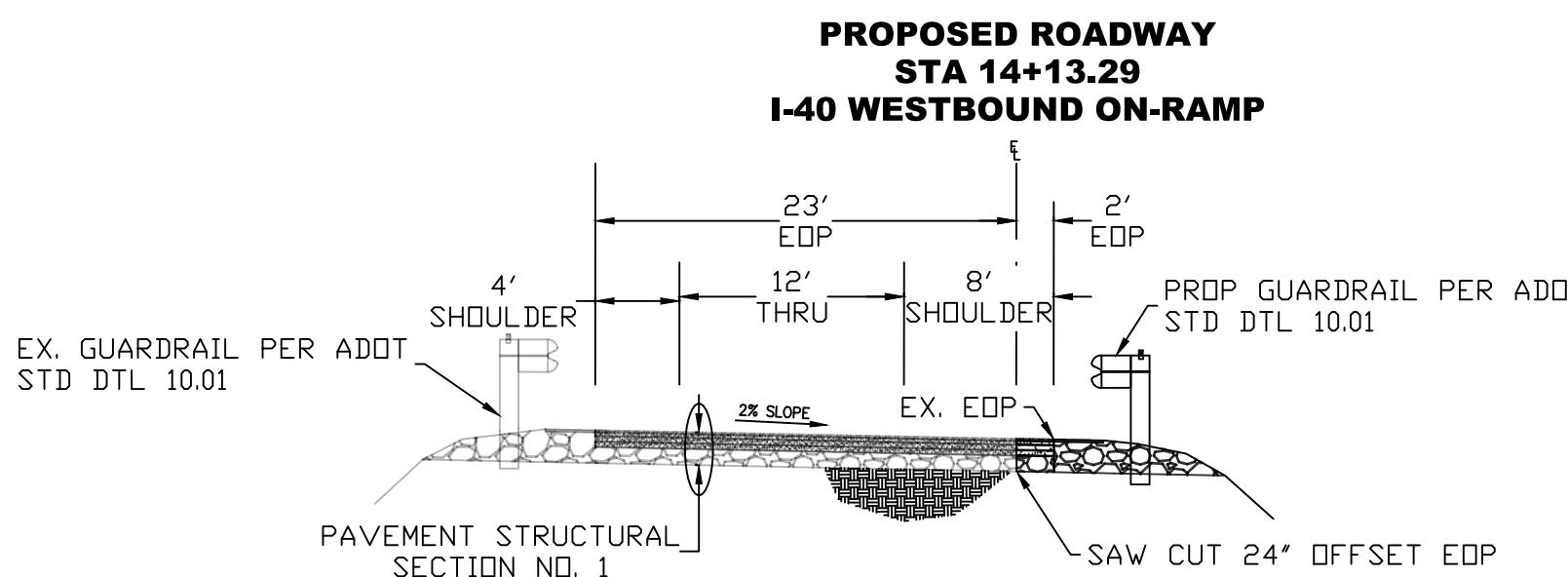
**PROPOSED ROADWAY
STA 13+03.44
I-40 WESTBOUND ON-RAMP**

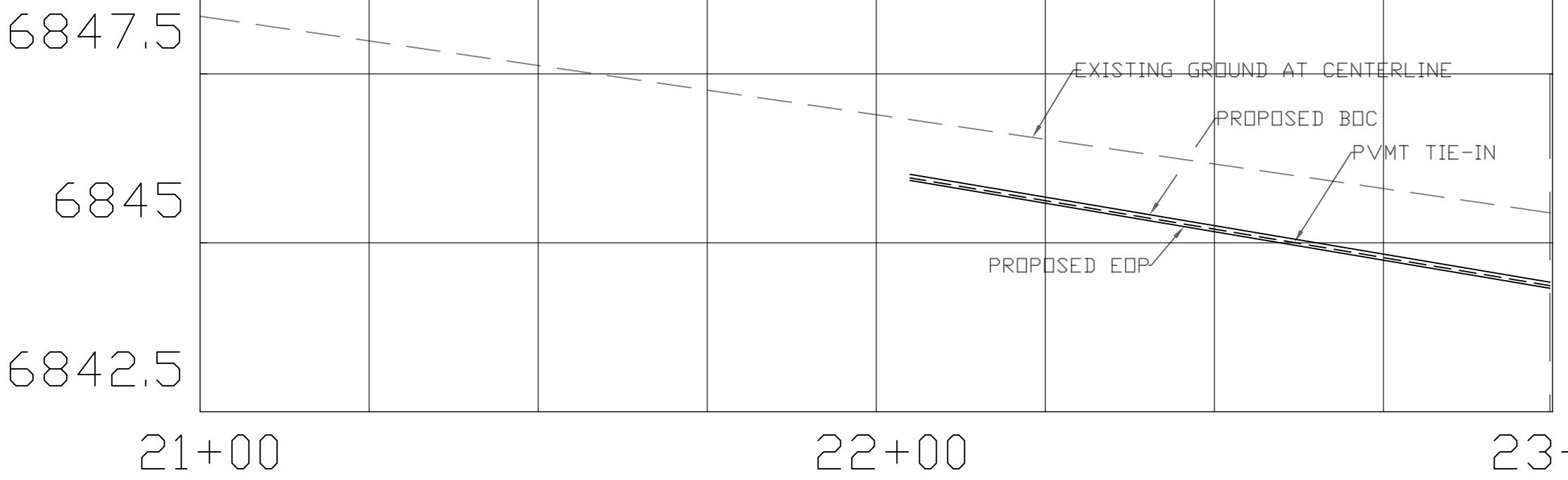
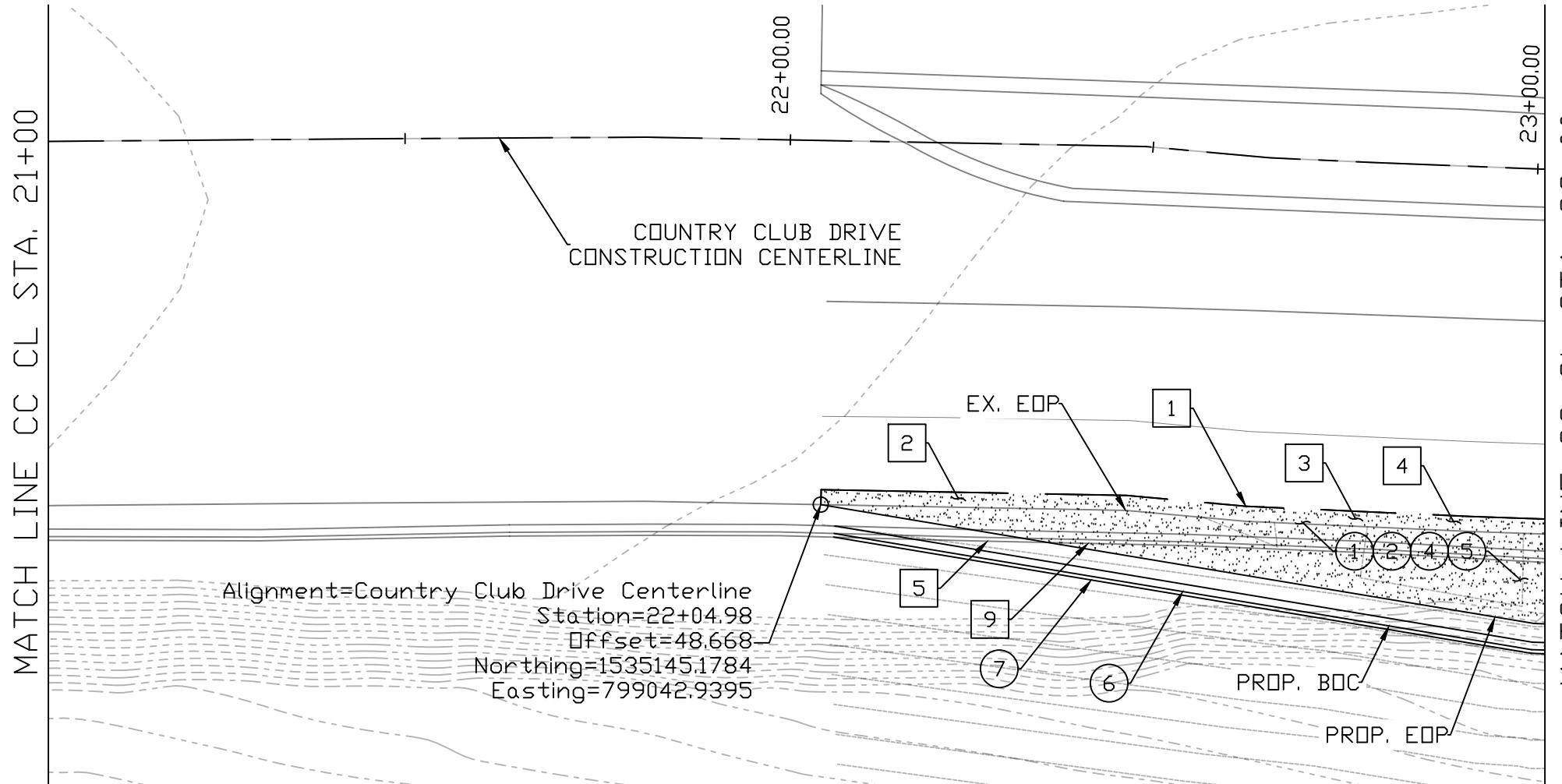


PAVEMENT STRUCTURAL SECTION NO. 1



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

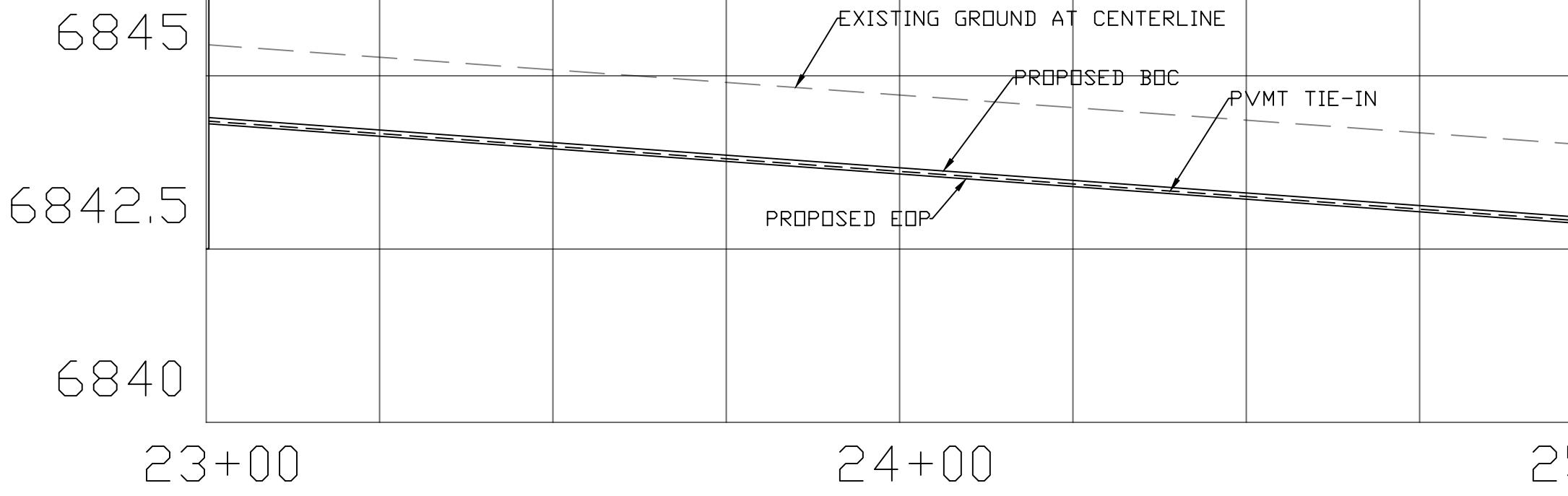
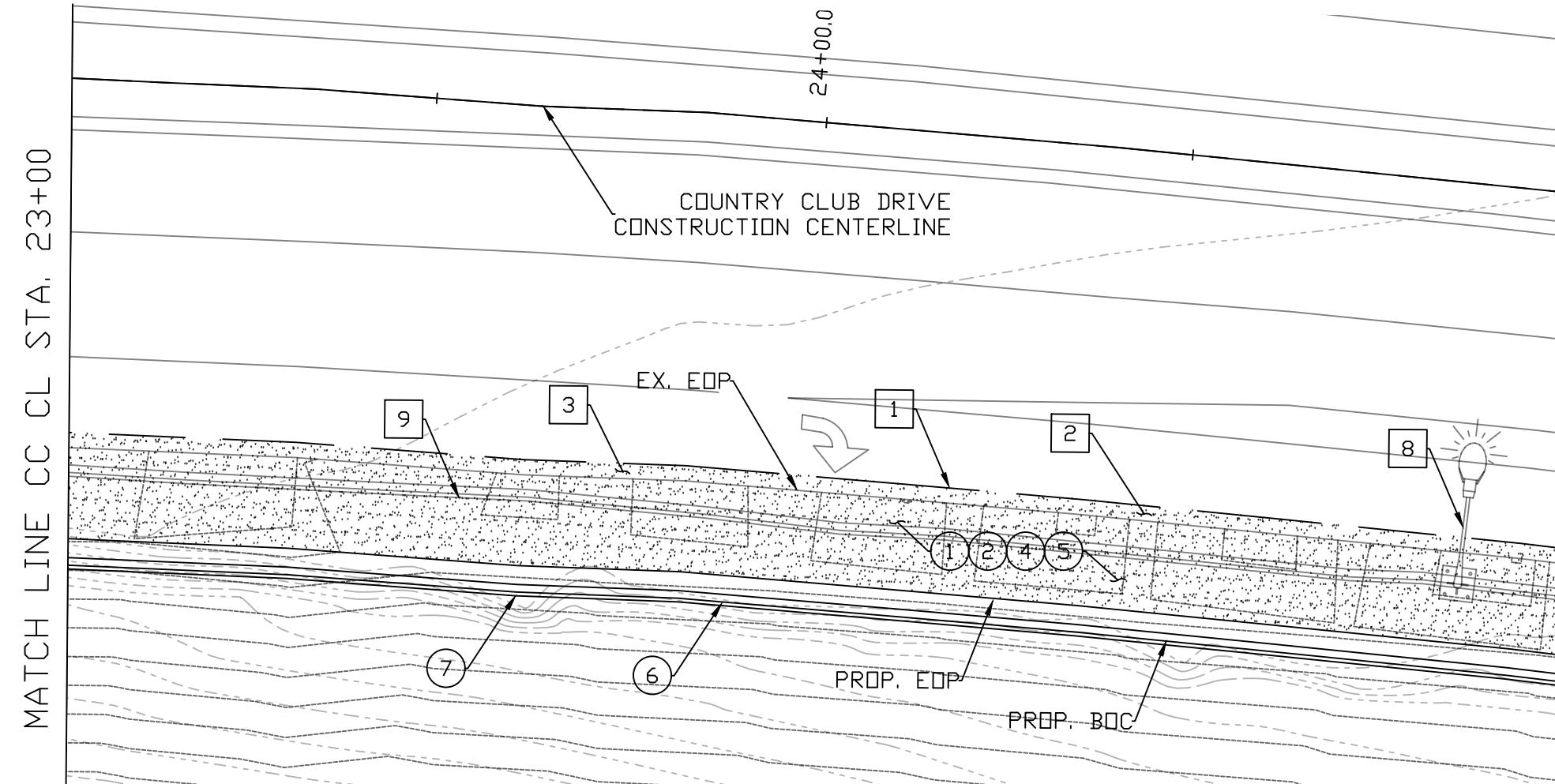




CONSTRUCTION			
NO.	DESCRIPTION	QTY.	UN.
(1)	AB (CLASS 2)	15	TON
(2)	PORTLAND CEMENT CONCRETE PAVEMENT (12.5")	90	SY
(3)	BITUMINOUS TACK COAT (0.5")	2	TON
(5)	ASPHALTIC CONCRETE FRICTION COARSE (1")	4	TON
(6)	CONCRETE HALF BARRIER PER ADOT STD DTL C-10.52, TYPE F, GUTTER = 2.5"	98	LF
(7)	RETAINING WALL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

REMOVAL			
NO.	DESCRIPTION	QTY.	UN.
1	SAW CUT	59	LF
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

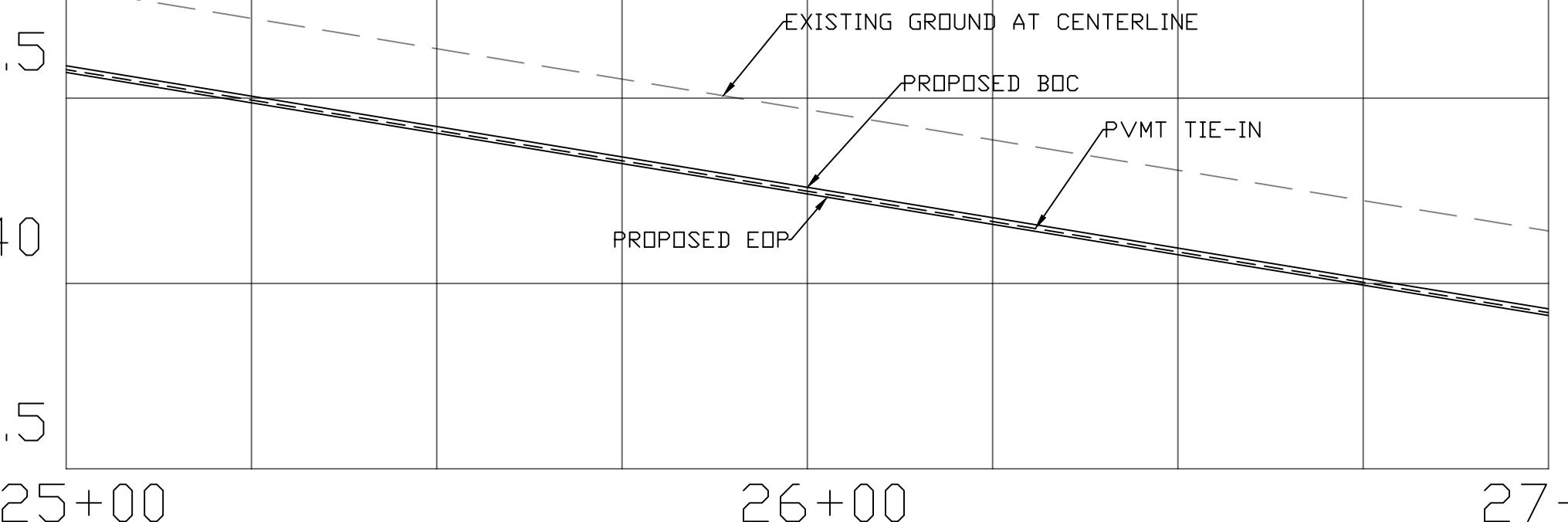
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REV 1:		
REV 2:		
I-40/CC IMPROVEMENT PROJECT		FLAGSTAFF, AZ
LOCATION		
DESIGN	MT	SHEET TITLE
DRAWN	MT	PV01
SCALE	1" = 20'	
CHECK	ZJ	NO. 17 OF 27



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

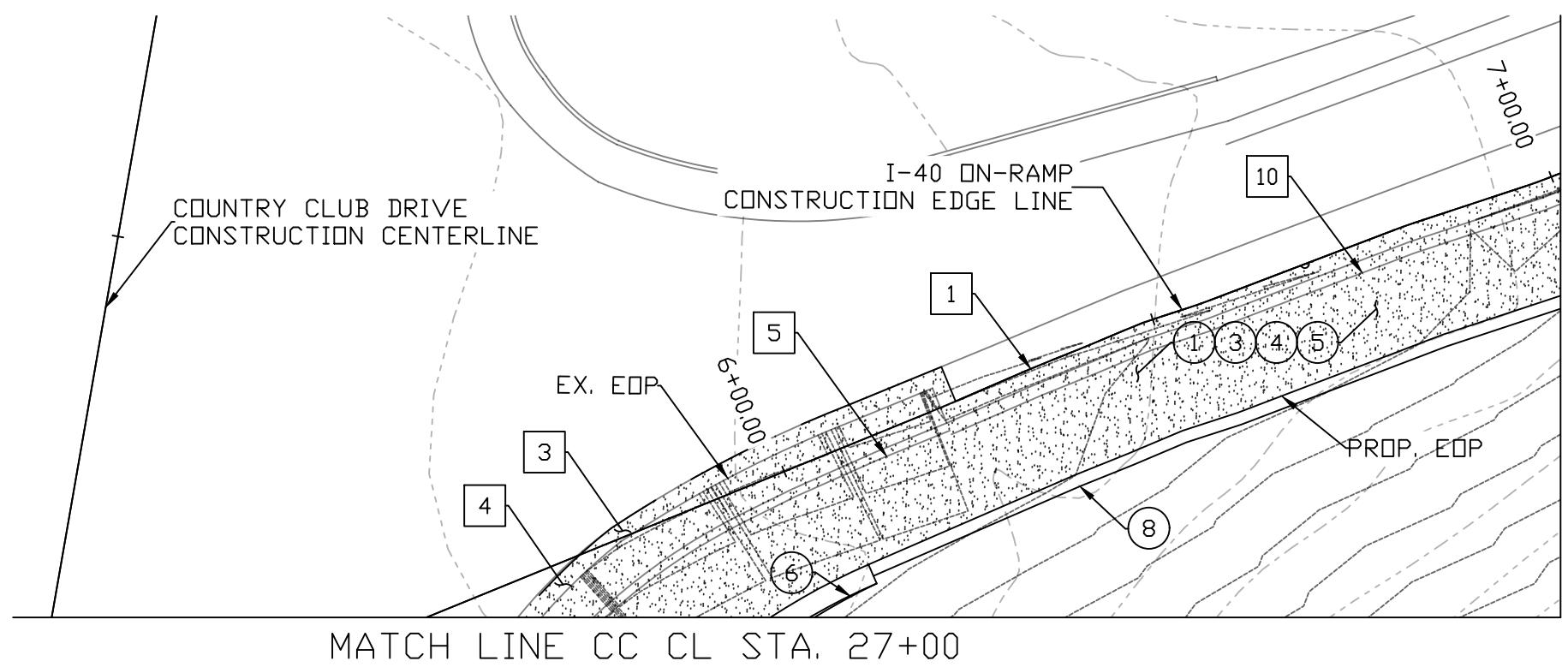
DATE 05/05/20	REV 1:	REV 2:
I-40/CC IMPROVEMENT PROJECT		FLAGSTAFF, AZ
LOCATION		
DESIGN MT	SHEET TITLE	PV02
DRAWN MT		
SCALE 1" = 20'	CHECK ZJ	NO. 18 OF 27



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	FLAGSTAFF, AZ	LOCATION
DESIGN MT		SHEET TITLE PV03
DRAWN MT		
SCALE 1" = 20'		NO. 19 OF 27
CHECK ZJ		

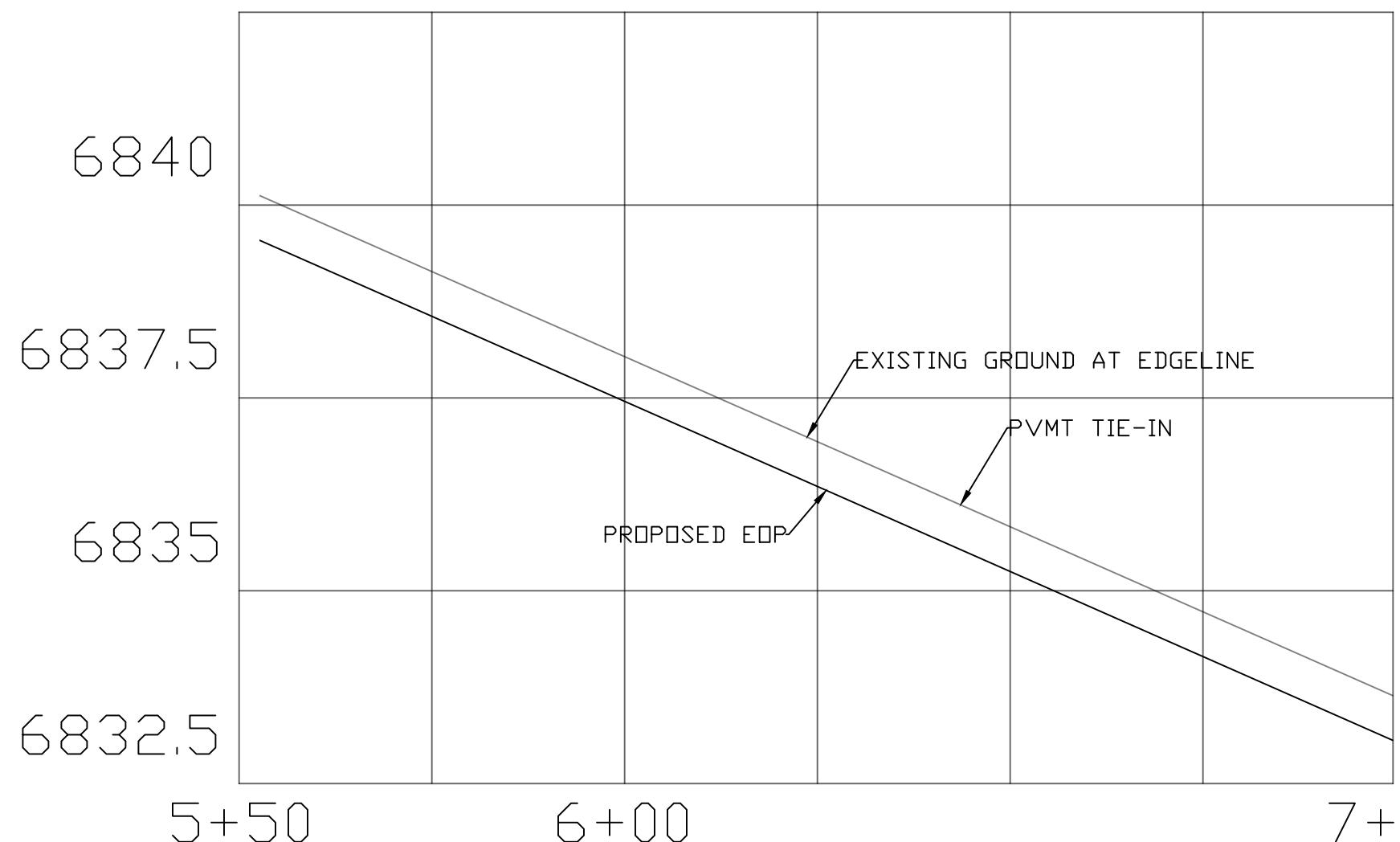


MATCH LINE I-40 EL STA. 7+00

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



6840

6837.5

6835

6832.5

5+50

6+00

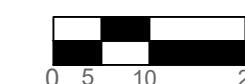
7+00

I-40/CC
IMPROVEMENT PROJECT

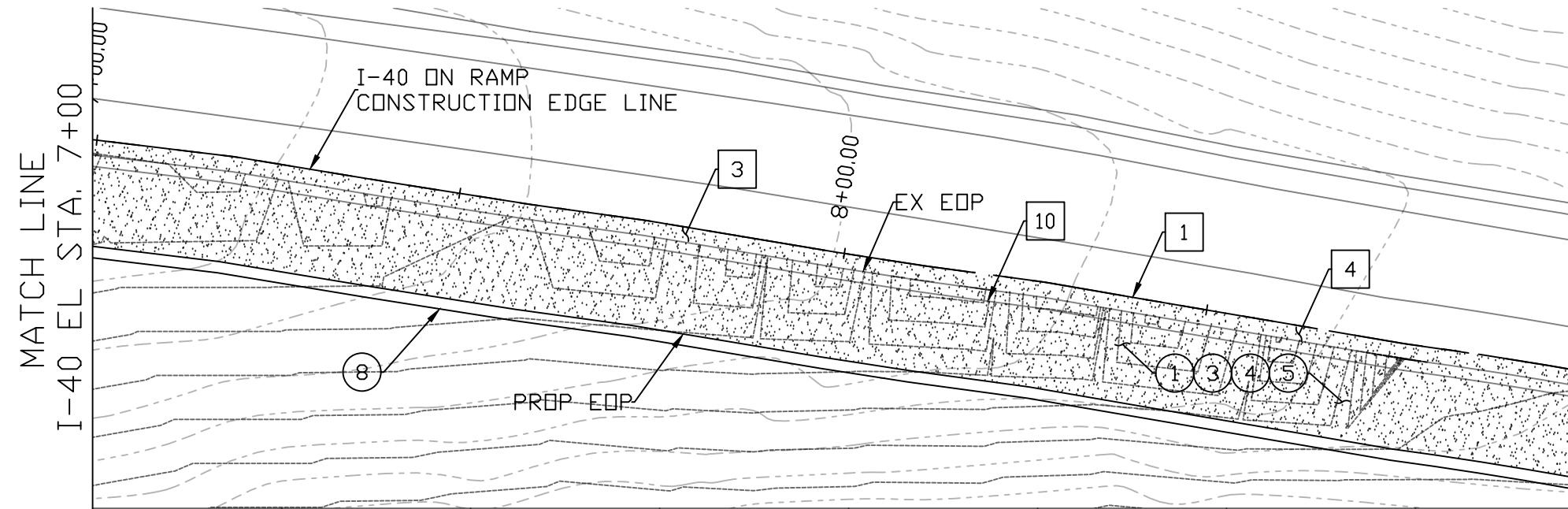
FLAGSTAFF, AZ

DATE	05/05/20	REV 1:	
		REV 2:	
LOCATION		I-40/CC IMPROVEMENT PROJECT	
DESIGN	MT	SHEET TITLE	
DRAWN	MT	PV04	
SCALE	1" = 20'	CHECK	ZJ
NO.	20	OF	27

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



0 5 10 20



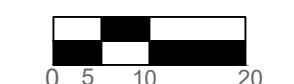
MATCH LINE
I-40 EL STA. 9+00

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	SHEET TITLE
DRAWN	MT	PV05
SCALE	1" = 20'	
CHECK	ZJ	NO. 21 OF 27



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

SCALE 1" = 20'
CHECK ZJ NO. 21 OF 27

6832.5

6830

6827.5

6825

6822.5

6832.5

6830

6827.5

6825

6822.5

7+00

8+00

9+00

MATCH LINE I-40 EL STA. 9+00

6820

6817.5

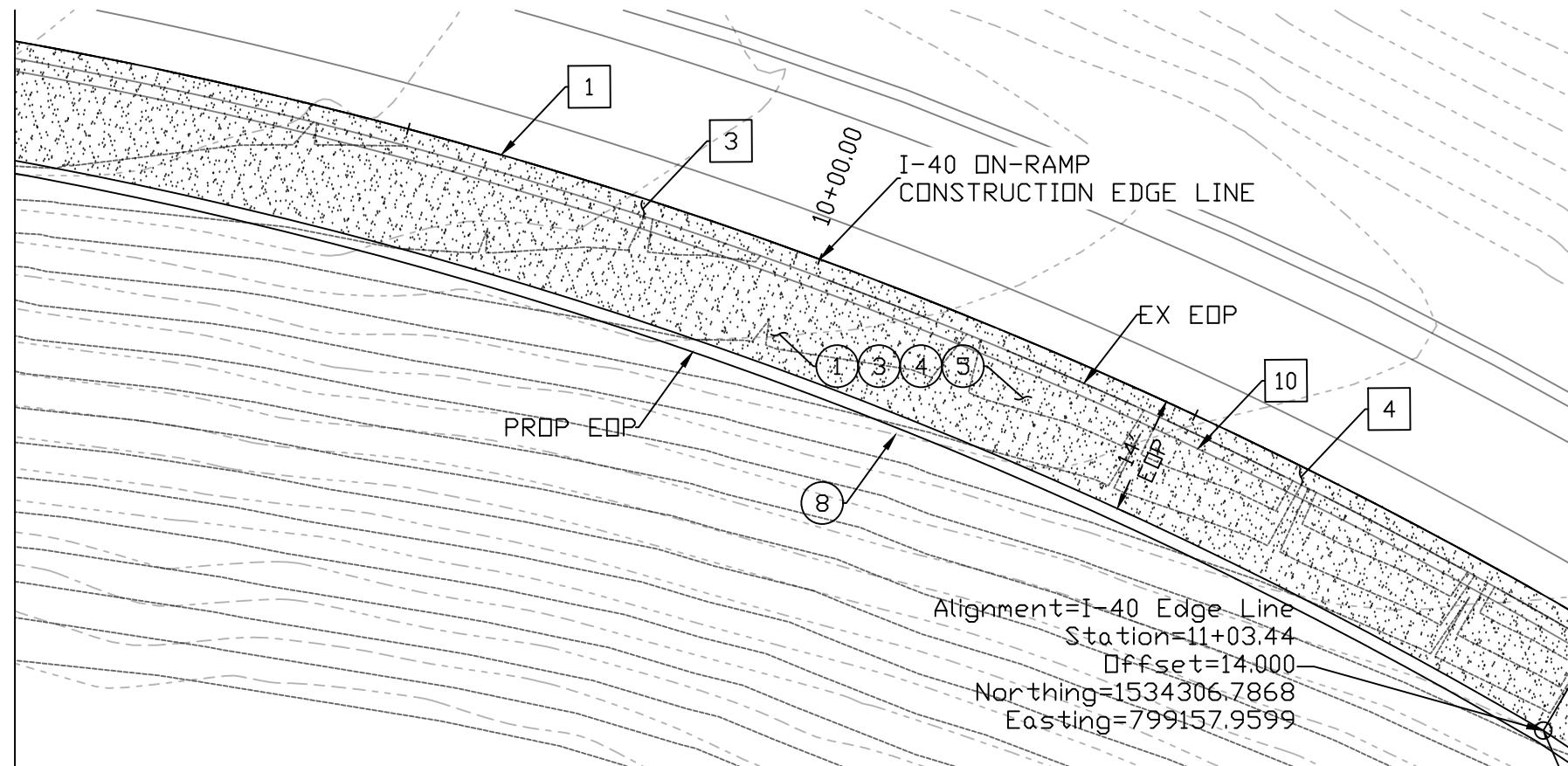
6815

6812.5

9+00

10+00

11+00



MATCH LINE I-40 EL STA. 11+00

6820

6817.5

6815

6812.5

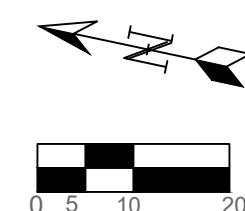
11+00

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

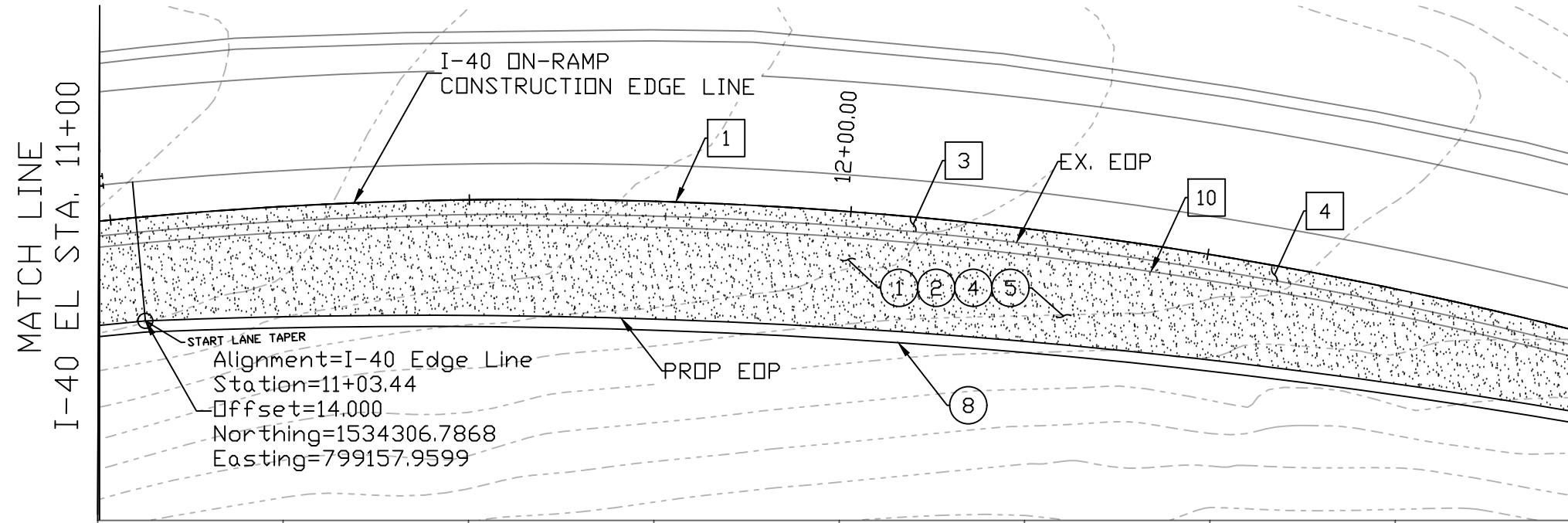
NO.	DESCRIPTION	QTY.	UN.
1	SAW CUT	205	LF
3	AGGREGATE BASE	46	SY
4	ASPHALTIC PAVEMENT	46	SY
10	GUARD RAIL	205	LF

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



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

SCALE 1" = 20'
CHECK MT NO. 22 OF 27



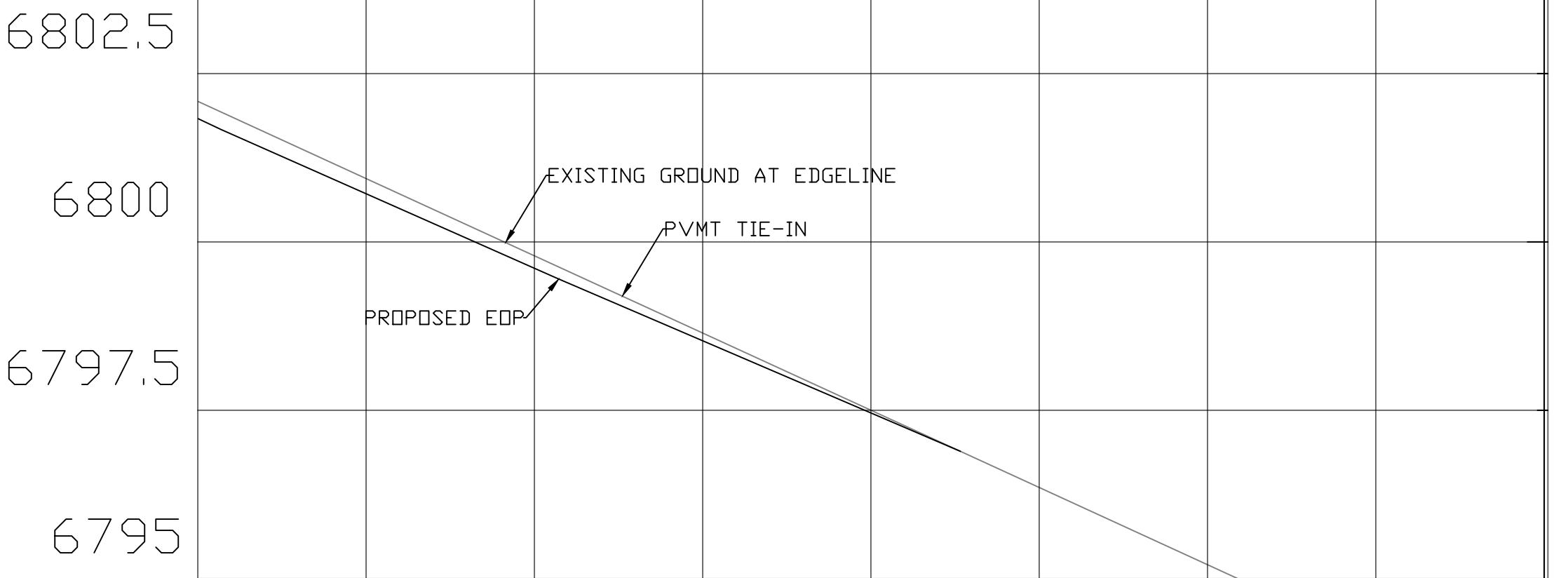
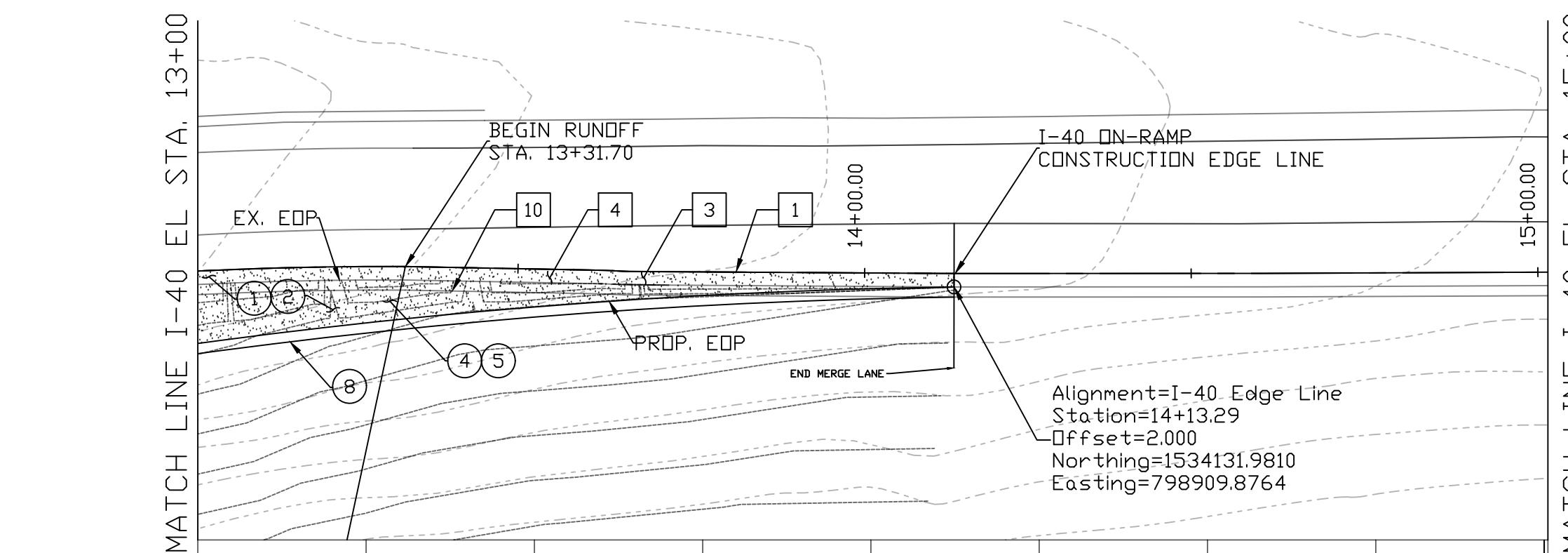
CONSTRUCTION			
NO.	DESCRIPTION	QTY.	UN.
(1)	AB (CLASS 2)	135	TON
(3)	ASPHALTIC CONCRETE PAVEMENT (3/4")	81	TON
(4)	BITUMINOUS TACK COAT (0.5")	21	TON
(5)	ASPHALTIC CONCRETE FRICTION COARSE (1")	14	TON
(8)	GUARD RAIL PER ADOT STD DTL C-10.01	196	LF

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

DATE 05/05/20	REV 1:		
	REV 2:		
I-40/CC IMPROVEMENT PROJECT		LOCATION FLAGSTAFF, AZ	
HORIZONTAL: 1" = 20' VERTICAL: 1" = 2'		SHEET TITLE PV07	
DESIGN DRAWN	MT MT	SCALE 1" = 20' 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

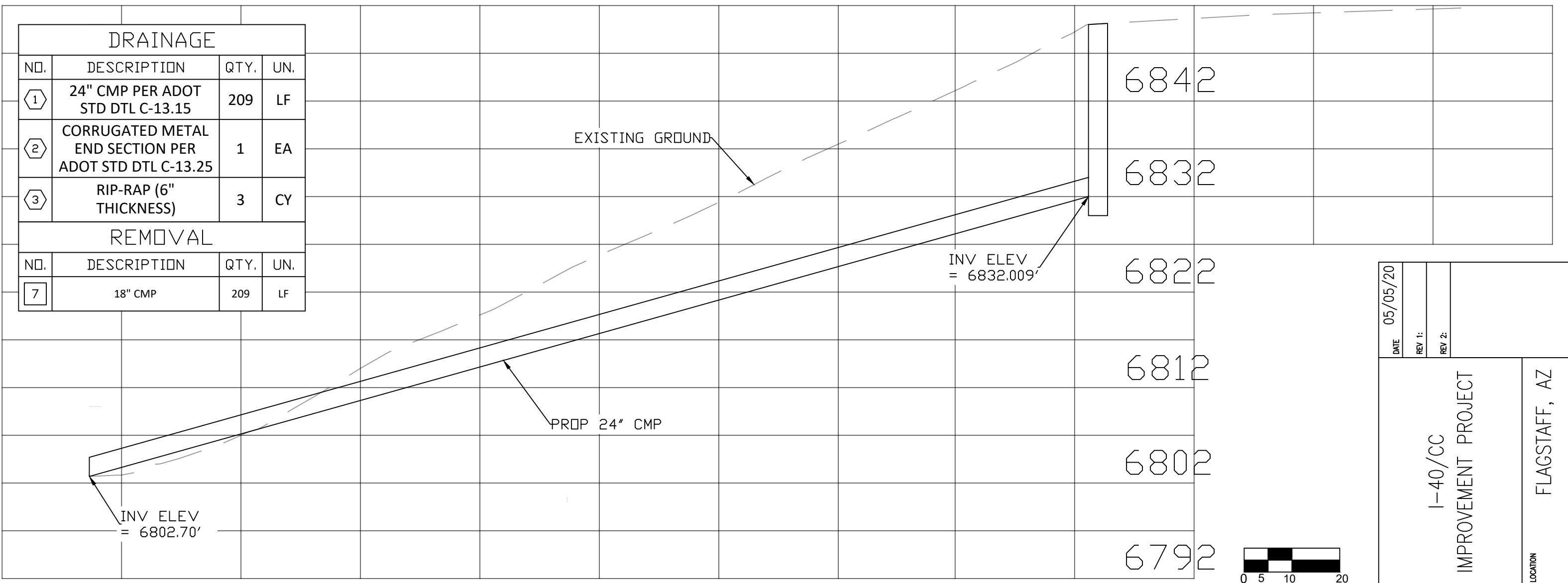
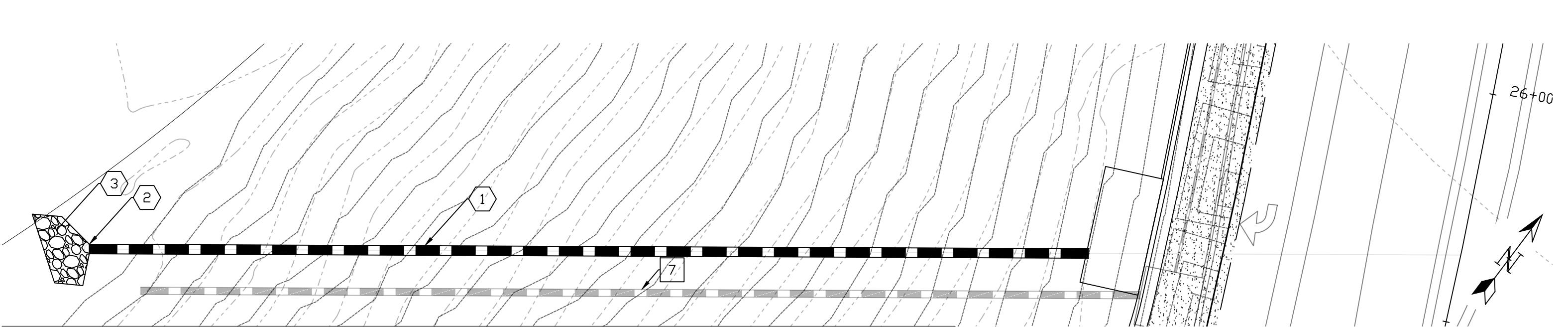
REMOVAL			
NO.	DESCRIPTION	QTY.	UN.
1	SAW CUT	115	LF
3	AGGREGATE BASE	26	SY
4	ASPHALTIC PAVEMENT	26	SY
10	GUARD RAIL	113	LF



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

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

0 5 10 20



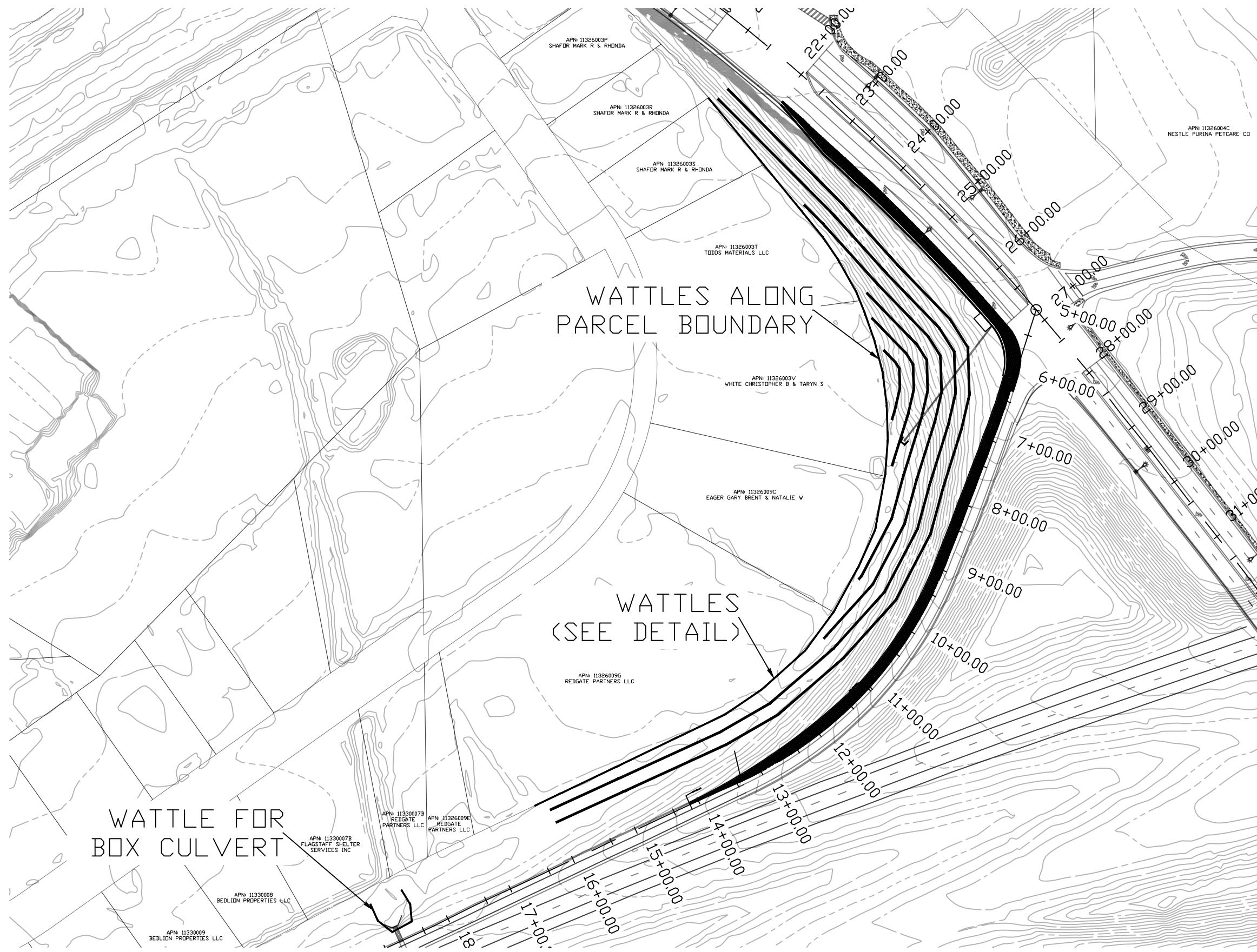
DATE	05/05/20
REV 1:	
REV 2:	
LOCATION	FLAGSTAFF, AZ
IMPROVEMENT PROJECT	I-40/CC
DESIGN MT	SHEET TITLE DR01
DRAWN MT	
SCALE 1" = 20'	CHECK ZJ NO. 25 OF 27

11+00

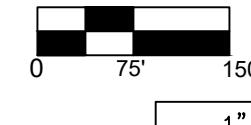
12+00

13+00

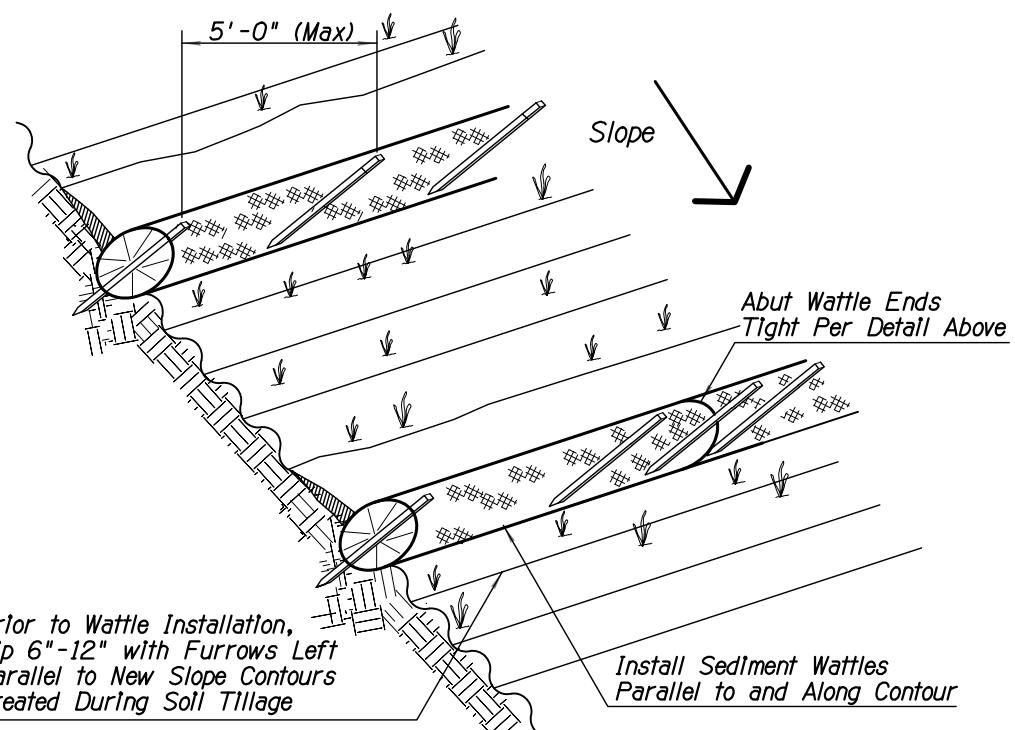
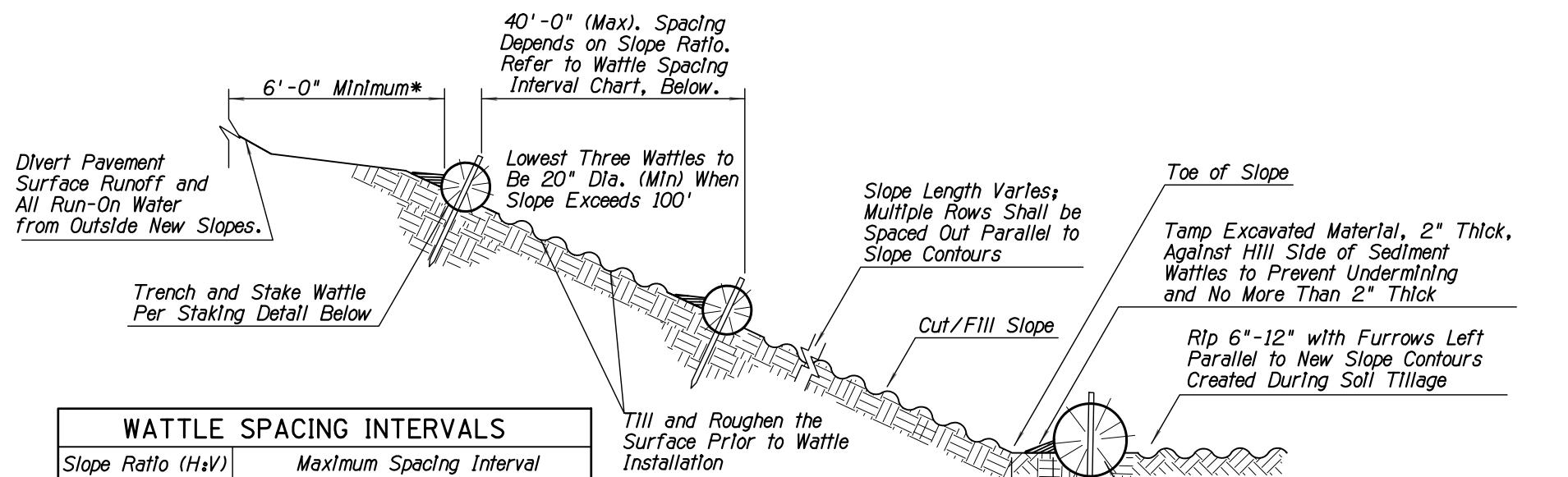
HORIZONTAL: 1" = 20'
 VERTICAL: 1" = 10'



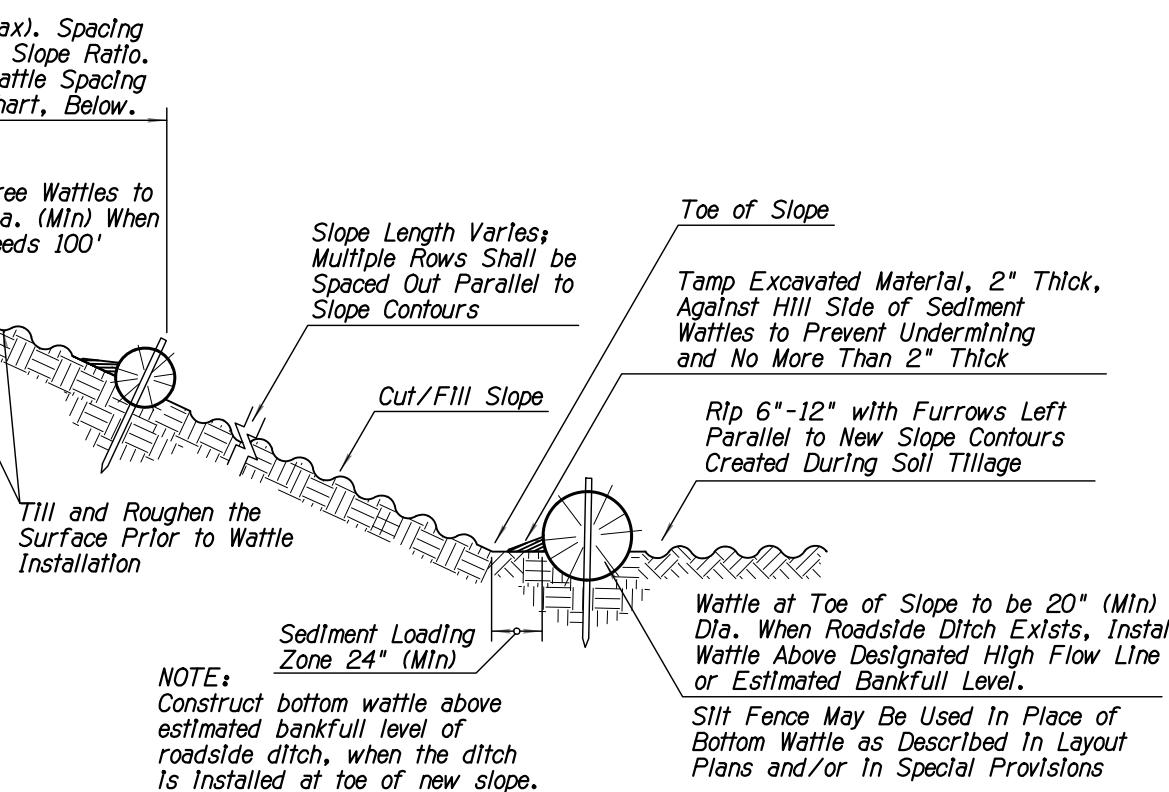
DATE	05/05/20
REV 1:	
REV 2:	
I-40/CC	IMPROVEMENT PROJECT
LOCATION	FLAGSTAFF, AZ
DESIGN RL	SHEET TITLE
DRAWN RL	EC01
SCALE 1" = 150'	CHECK MT
NO. 26	OF 27



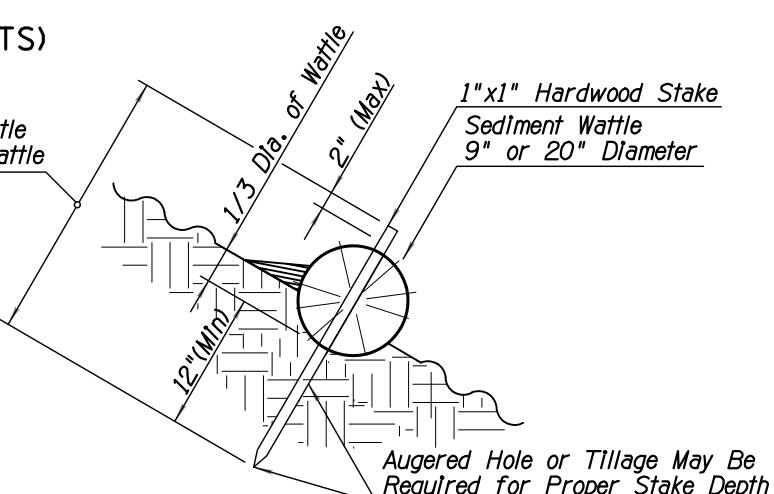
SCALE 1" = 150' CHECK MT NO. 26 OF 27



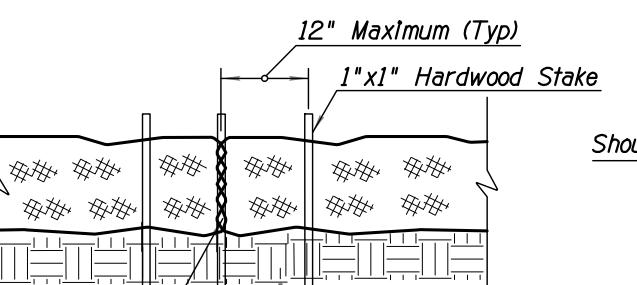
SEDIMENT WATTLE LAYOUT (NTS)



SECTION (NTS)



SEDIMENT WATTLE STAKING DETAIL (NTS)

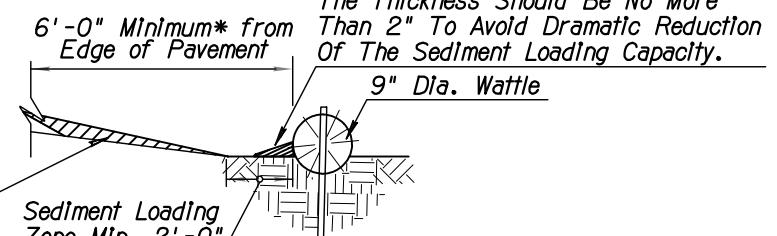


SEDIMENT WATTLE OVERLAP (NTS)

NOTES:

- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- Installation and maintenance of Sediment Wattle BMPs shall not negatively impact traffic safety, nor the designed function of roadway or bridge drainage facilities.
- Install and maintain Sediment Wattle BMPs to carry the stormwater of at least 2-year, 24-hour events.
- The Sediment Wattle BMP's pay/bld 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.
- Refer to Standard Specification Section 810-2.06(C) for Sediment Wattle material specifications.
- Make field adjustments and corrections to ensure NO sensitive biological resources (native species / habitats) will be adversely impacted.

Excavated Material To Be Tamped Against Upstream Side Of Sediment Wattles To Prevent Undermining. The Thickness Should Be No More Than 2" To Avoid Dramatic Reduction Of The Sediment Loading Capacity.



** Note:
 Applicable only in the areas of concentrated flow - to include but not be limited to roadway sag spots and drop-off repair locations as per the direction of the Engineer.

NEW SHOULDER BUILDUP ** PROTECTION SECTION (NTS)

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