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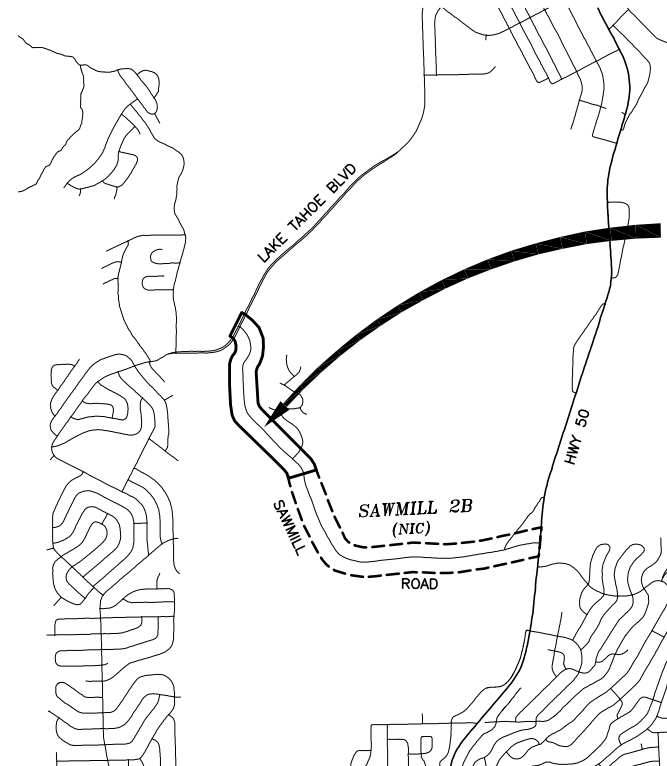
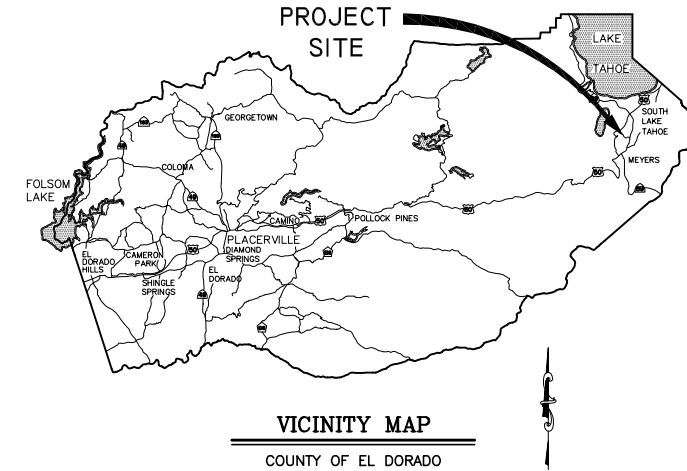
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27	T-1	TRAFFIC CONTROL PLAN
28	L-1	LAND COVERAGE

DEPARTMENT OF TRANSPORTATION
COUNTY OF EL DORADO, CA

PROJECT PLANS FOR THE CONSTRUCTION OF
**SAWMILL 2A BIKE PATH AND
EROSION CONTROL PROJECT**

IN THE COUNTY OF EL DORADO, DISTRICT 5,
PORTION OF EAST 1/2 SEC 18, PORTION OF EAST 1/2 SEC 19,
PORTION OF NORTH 1/2 SEC 20, T12N, R18E, MDM

To be supplemented with Standard Plans and Specifications dated May 2006, including the amendments to the May 2006 Standard Specifications of the California Department of Transportation, unless otherwise noted.



LOCATION MAP

SCALE: 1" = 2000'



CONTRACTOR'S LICENSE CLASSIFICATION: Bidders shall be properly licensed to perform the Work pursuant to the State Contractor's License Law (Business and Professions Code section 7000 et seq.) and shall possess a CLASS A LICENSE or equivalent combination of Classes required by the categories and type of Work included in the Contract Documents and Plans, at the time the Contract is awarded, and shall maintain a valid license through completion and acceptance of the Work including guarantee and warranty period. If the Contractor possesses a Class A license instead of the equivalent combination of Classes required by the categories and type of work included in the Contract Documents and Plans, then the Contractor or a subcontractor must also possess a CLASS C27 "Landscaping Contractor" license. Failure of the successful Bidder to obtain proper and adequate licensing for an award of the Contract shall constitute a failure to execute the Contract, and shall result in forfeiture of the Bidders security.

REVISIONS		
MARK	DATE	BY



SUBMITTED BY: DONALDO S. PALAROAN P.E. DATE 08/15/11
SENIOR CIVIL ENGINEER
STATE OF CALIFORNIA NO. 66083

BOARD OF SUPERVISORS

I	JOHN R. KNIGHT
II	RAYMOND J. NUTTING
III	JAMES SWEENEY
IV	RON V. BRIGGS
V	NORMA SANTIAGO

COUNTY OF EL DORADO
DEPARTMENT OF
TRANSPORTATION

(530) 573-7900
924 B EMERALD BAY RD
SOUTH LAKE TAHOE, CA
96150

(530) 621-5900
2850 FAIRLANE CT
PLACERVILLE, CA
95667

ADOPTED AND APPROVED BY:

DATE

RAYMOND J. NUTTING
CHAIR, EL DORADO COUNTY BOARD OF SUPERVISORS

APPROVED BY:

DATE

JAMES W. WARE, RCE NO. 61036
DIRECTOR, EL DORADO COUNTY DEPARTMENT OF TRANSPORTATION

ROBERT S. SLATES, RCE NO. C 88772
ASSISTANT DIRECTOR, EL DORADO COUNTY DEPARTMENT OF TRANSPORTATION

CONTRACT NO. PW 10-30557, CIP NO. 95165
FEDERAL AID PROJECT CML 5925(063)

SAWMILL 2A BIKE PATH AND
EROSION CONTROL PROJECT

TITLE SHEET

SHEET 1 OF 28

GENERAL NOTES

- 1. ALL IMPROVEMENTS SHALL BE ACCOMPLISHED UNDER THE APPROVAL, INSPECTION, AND TO THE SATISFACTION OF THE EL DORADO COUNTY DEPARTMENT OF TRANSPORTATION (DOT). IMPROVEMENT CONSTRUCTION SHALL COMPLY WITH THESE PLANS AND THE MAY 2006 CALTRANS STANDARD PLANS, UNLESS NOTED OTHERWISE. ALL REFERENCES TO THE "STANDARD SPECIFICATIONS" SHALL MEAN THE STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD SPECIFICATIONS, MAY 2006, INCLUDING THE AMENDMENTS TO THE MAY 2006 STANDARD SPECIFICATIONS, AND AMENDMENTS TO CONSTRUCTION NOT SPECIFIED ON THESE PLANS OR IN SPECIFIC EL DORADO COUNTY (COUNTY) ORDINANCES SHALL CONFORM TO THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS. THE CONTRACTOR IS OBLIGATED TO BE FAMILIAR WITH APPLICABLE SECTIONS OF THE STANDARD SPECIFICATIONS NOT DISCUSSED IN THE GENERAL NOTES. THE CONTRACT SPECIAL PROVISIONS SHALL SUPERSEDE THOSE OF THE STANDARD SPECIFICATIONS WHERE DISCREPANCIES OCCUR.

ABBREVIATIONS

NOTE: LOWER CASE TEXT WITHIN PLAN SET INDICATES EXISTING
Table with 2 columns: Abbreviation and Description. Includes symbols like triangles, circles, and lines representing various engineering terms like Delta, Aggregate Base, Abandoned, etc.

LEGEND

Table with 2 columns: EXISTING and PROPOSED. Lists symbols and their corresponding descriptions for existing and proposed features like Centerline, Sawcut, AC and Porous Pavement, AC Remove, Elevation, etc.

ORIGINAL SCALE IS IN INCHES
FOR REDUCED PLANS

REVISION table with columns: NUMBER, DATE, DESCRIPTION, BY



PREPARED UNDER THE SUPERVISION OF:
REGISTERED CIVIL ENGINEER
DATE: 08/15/11

DESIGNED: ALD
DRAWN: ALD
CHECKED: DSP
DATE: 08/2011



EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION

SAWMILL 2A BIKE PATH AND ECP
GENERAL NOTES, ABBREVIATIONS, AND LEGEND

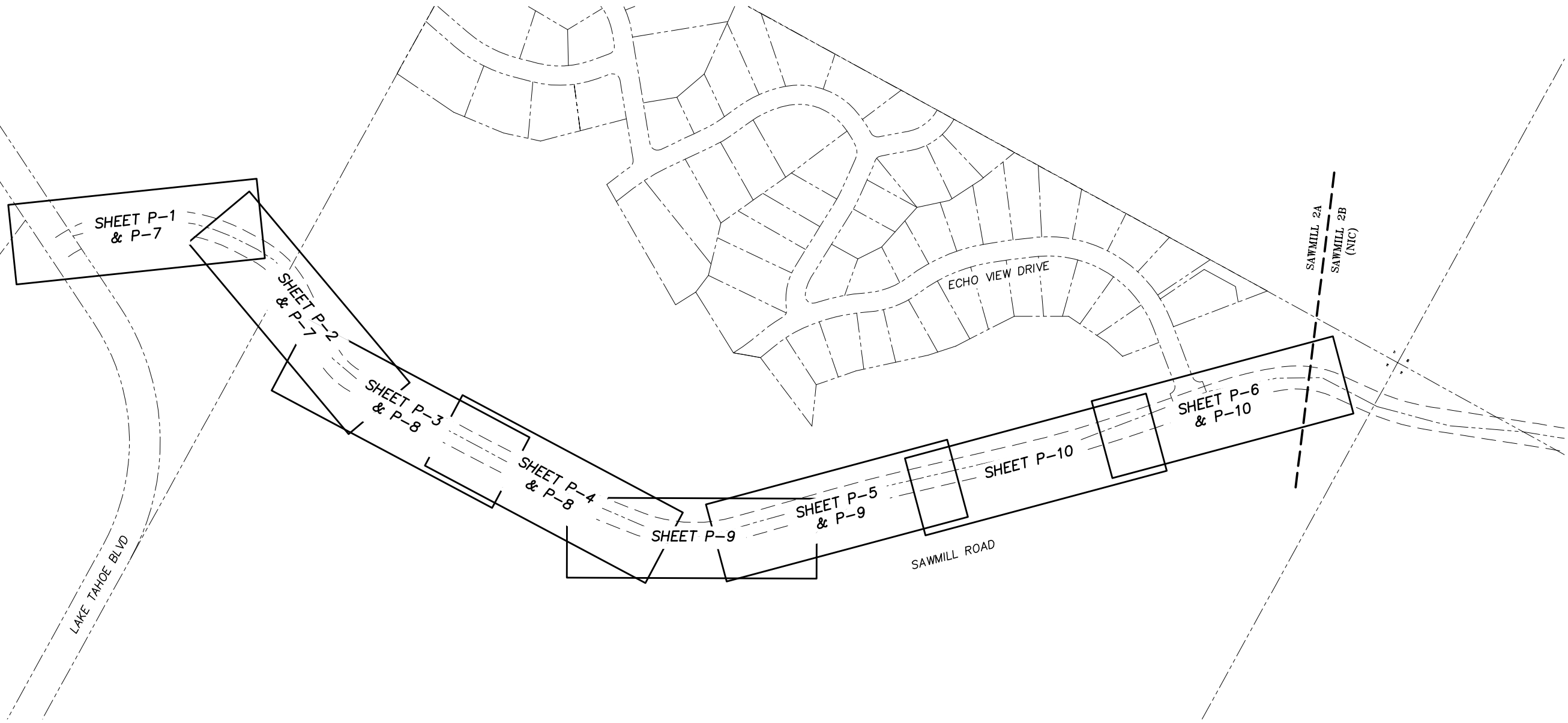
SHEET ii
CONTRACT NO. PW 10-30557
CIP NO. 95165

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FOR REDUCED PLANS



SCALE: 1" = 150'

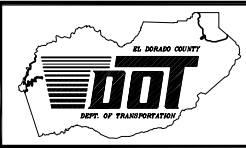
REVISION	NUMBER	DATE	DESCRIPTION	BY



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 REGISTERED CIVIL ENGINEER
 DATE: 08/15/11

DESIGNED: ALD
 DRAWN: ALD
 CHECKED: DSP
 DATE: 08/2011
 ROAD NUMBER: ---

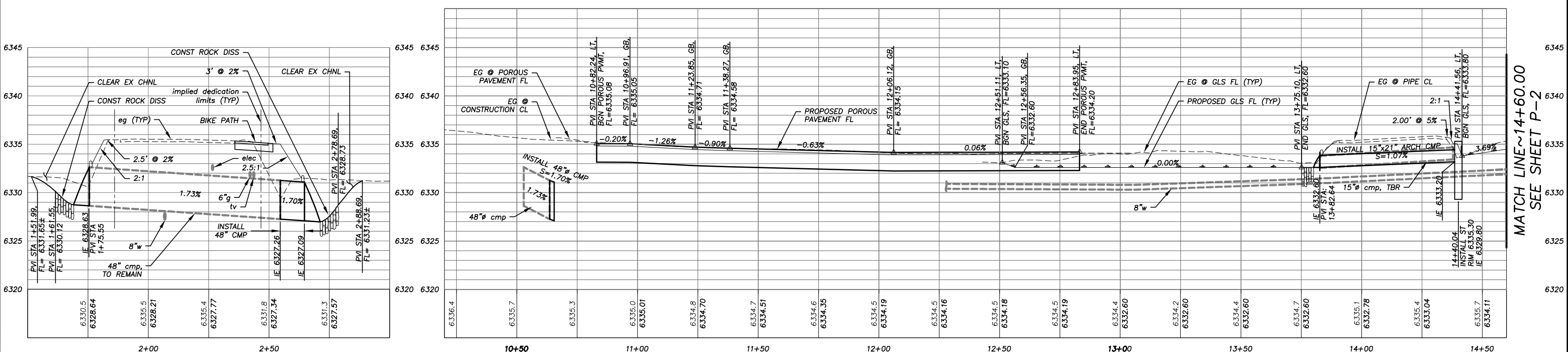
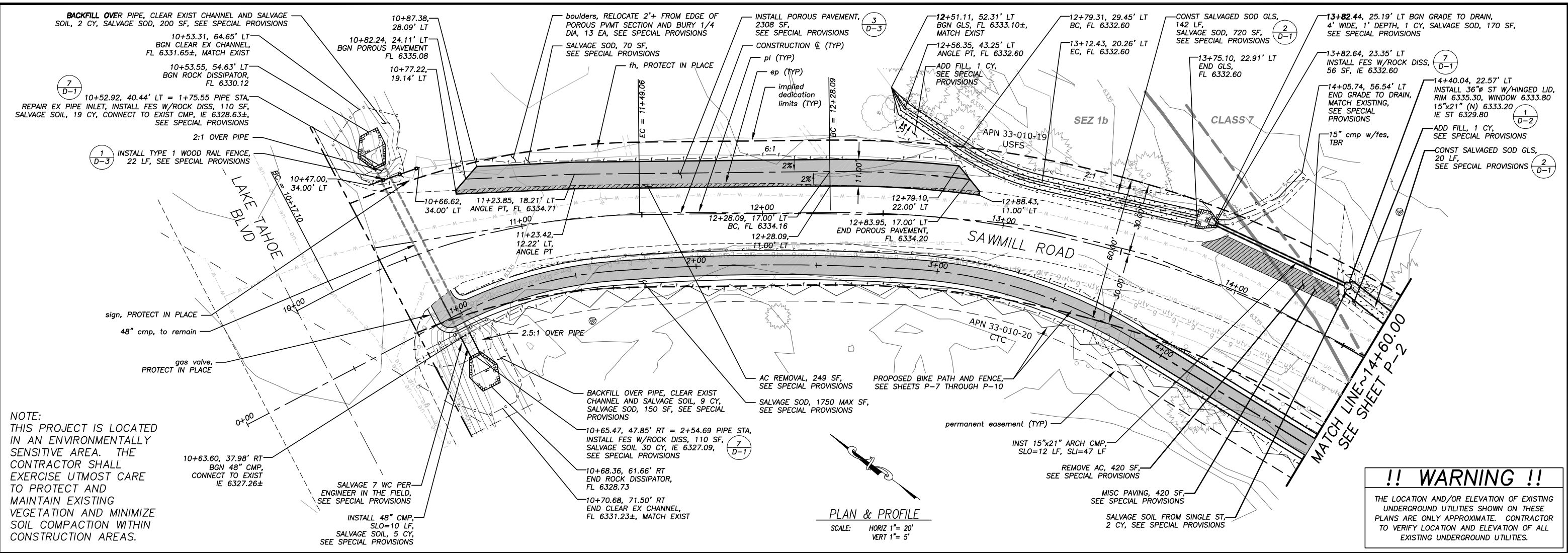


EL DORADO COUNTY
 DEPARTMENT OF TRANSPORTATION

SAWMILL 2A BIKE PATH AND ECP
 SHEET INDEX MAP

SHEET
 iii
 3 OF 28
 CONTRACT NO.
 PW 10-30557
 CIP NO.
 95165

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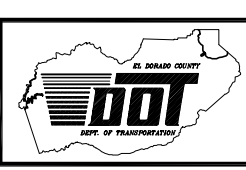
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 CHECKED: DSP
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 ROAD NUMBER: ---



EL DORADO COUNTY
 DEPARTMENT OF TRANSPORTATION

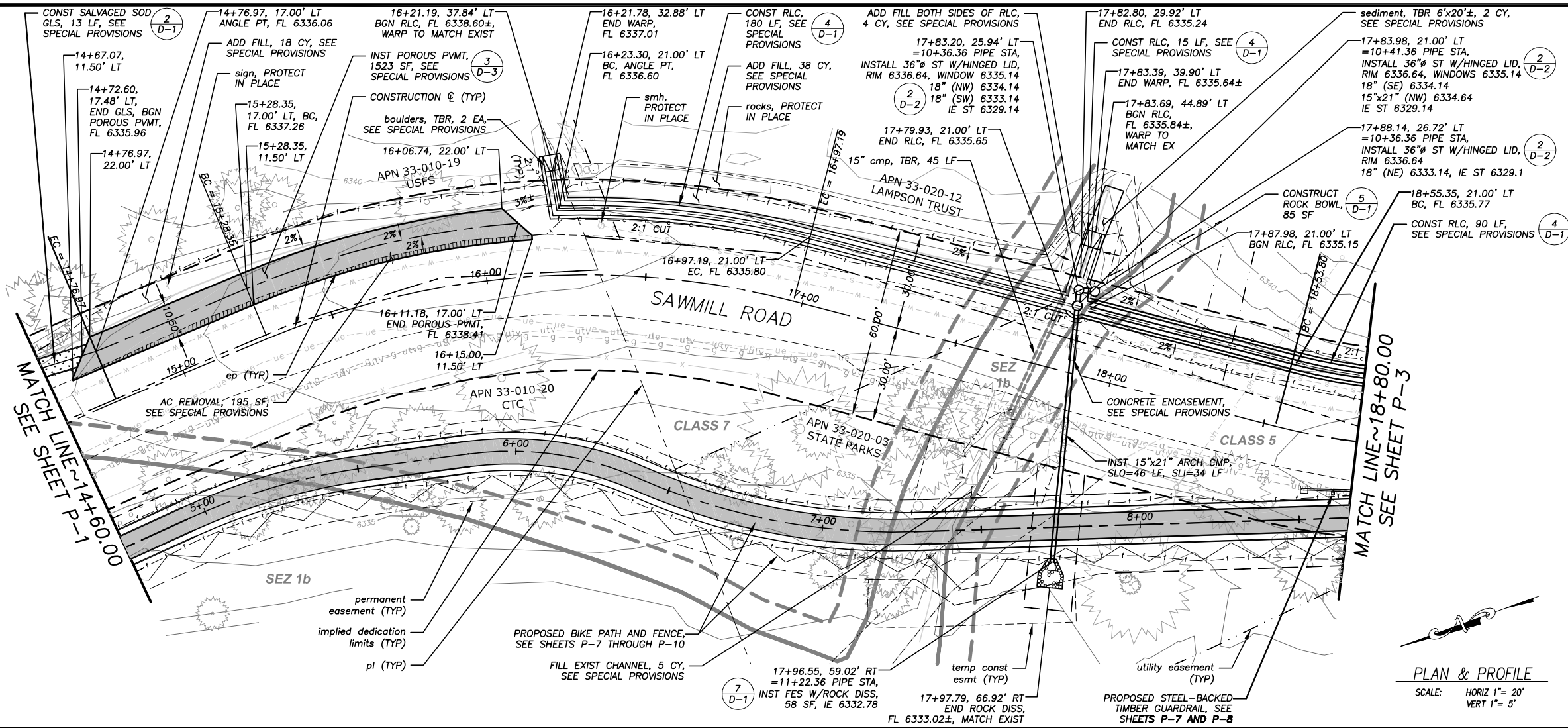
SAWMILL 2A BIKE PATH AND ECP
SAWMILL ROAD PLAN AND PROFILE
 STA 10+00.00 TO STA 14+60.00

SHEET P-1
 5 OF 28
 CONTRACT NO. PW 10-30557
 CIP NO. 95165

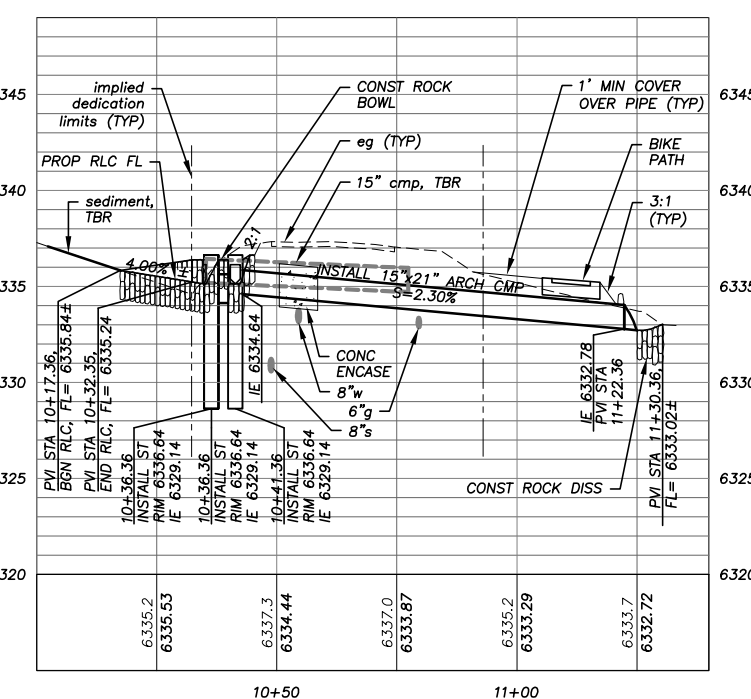
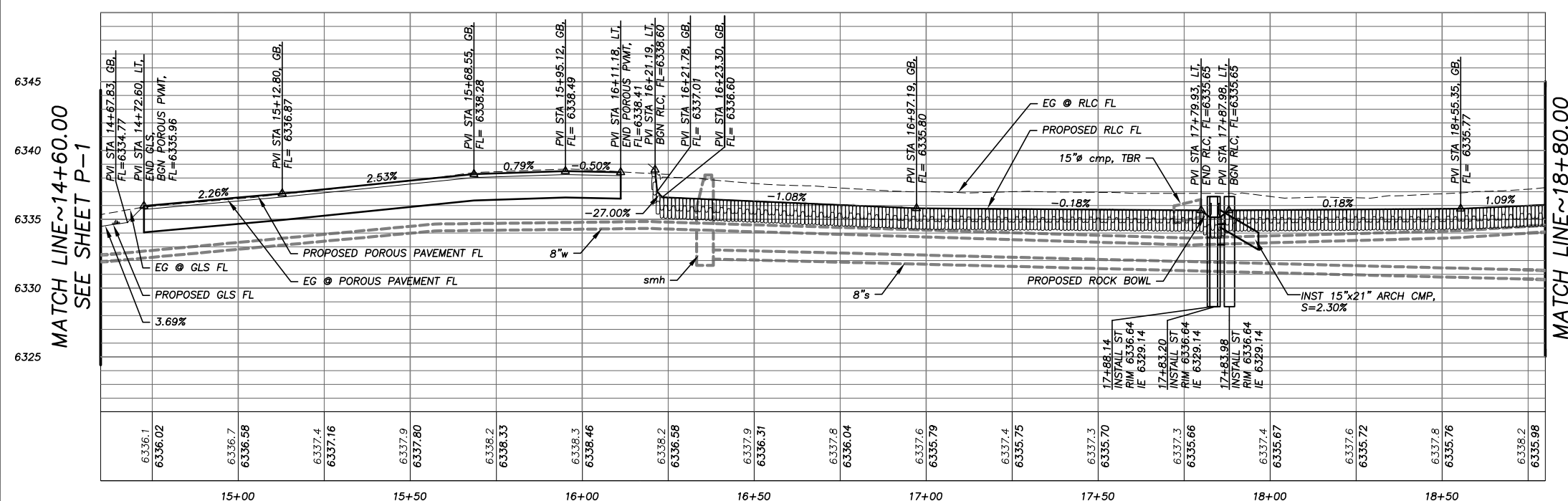
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 THE LOCATION AND/OR ELEVATION OF EXISTING UNDERGROUND UTILITIES SHOWN ON THESE PLANS ARE ONLY APPROXIMATE. CONTRACTOR TO VERIFY LOCATION AND ELEVATION OF ALL EXISTING UNDERGROUND UTILITIES.

NOTE:
 SALVAGE SOIL FROM TRIPLE ST (THIS SHEET), 10 CY, SEE SPECIAL PROVISIONS

NOTE:
 THIS PROJECT IS LOCATED IN AN ENVIRONMENTALLY SENSITIVE AREA. THE CONTRACTOR SHALL EXERCISE UTMOST CARE TO PROTECT AND MAINTAIN EXISTING VEGETATION AND MINIMIZE SOIL COMPACTION WITHIN CONSTRUCTION AREAS.



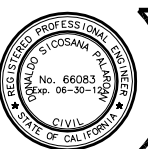
PLAN & PROFILE
 SCALE: HORIZ 1" = 20'
 VERT 1" = 5'



15"x21" ARCH CMP @ STA 17+88.36

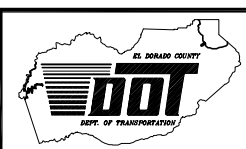
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REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
[Signature]
 REGISTERED CIVIL ENGINEER
 DATE: 08/15/11

DESIGNED: ALD
 CHECKED: DSP
 ROAD NUMBER: ---
 DRAWN: ALD
 DATE: 08/2011

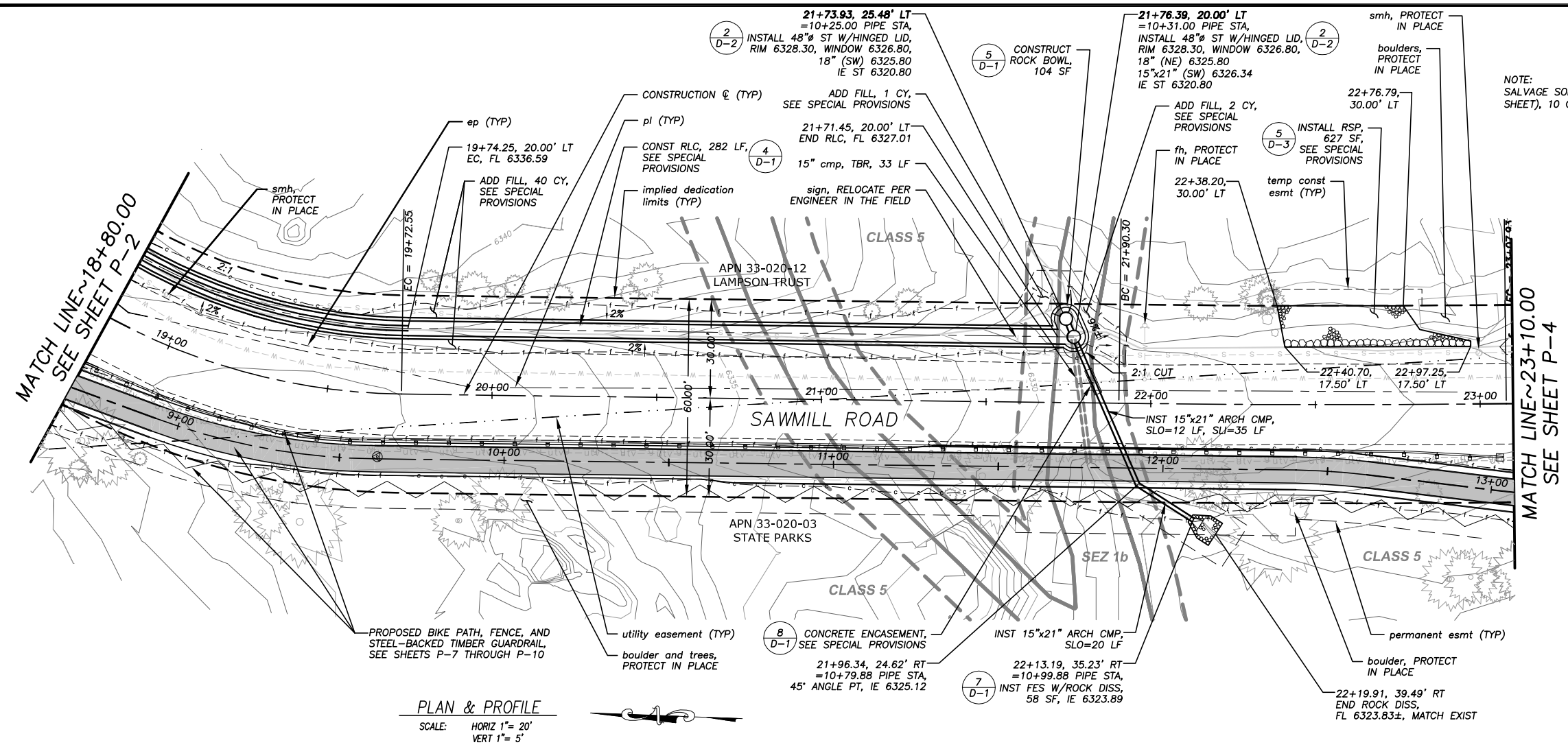


EL DORADO COUNTY
 DEPARTMENT OF TRANSPORTATION

SAWMILL 2A BIKE PATH AND ECP
SAWMILL ROAD PLAN AND PROFILE
 STA 14+60.00 TO STA 18+80.00

SHEET
P-2
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 CONTRACT NO.
PW 10-30557
 CIP NO.
95165

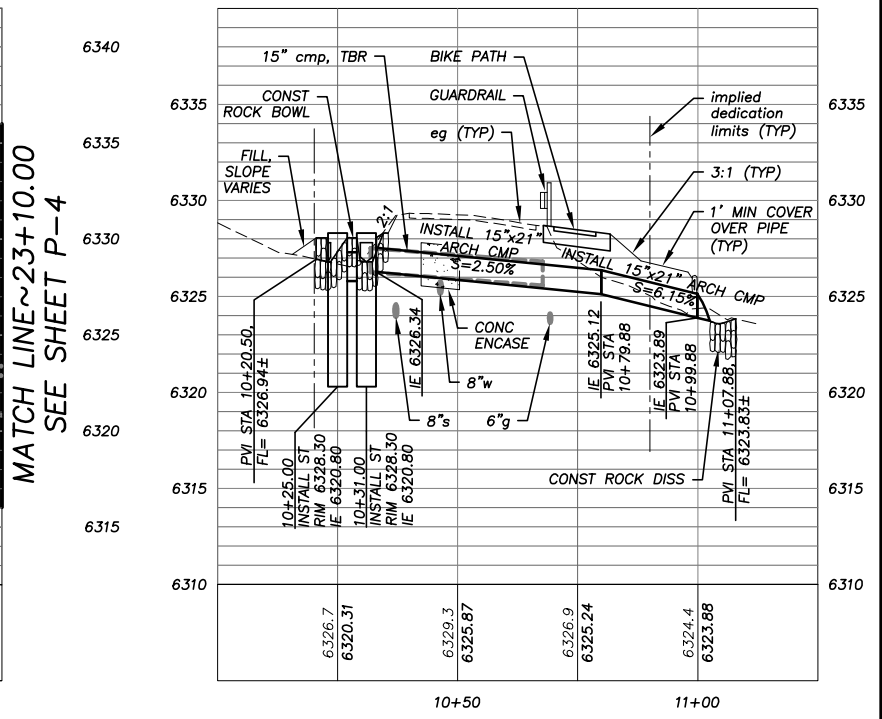
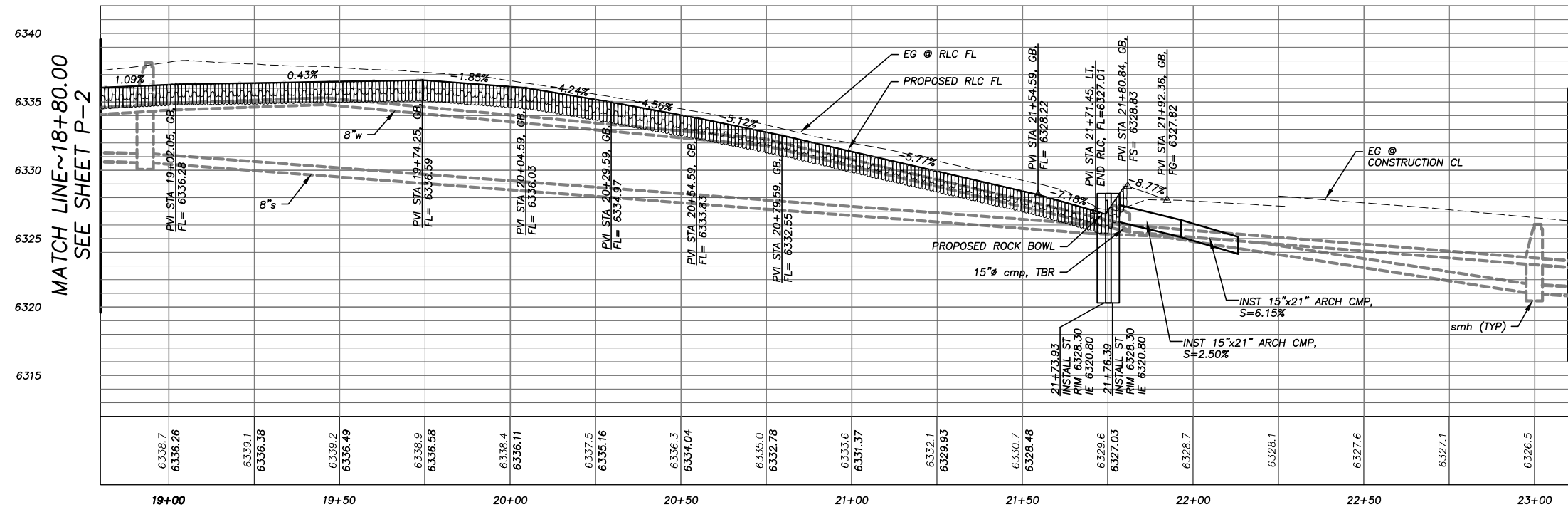
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NOTE:
 SALVAGE SOIL FROM DOUBLE ST (THIS SHEET), 10 CY, SEE SPECIAL PROVISIONS

NOTE:
 THIS PROJECT IS LOCATED IN AN ENVIRONMENTALLY SENSITIVE AREA. THE CONTRACTOR SHALL EXERCISE UTMOST CARE TO PROTECT AND MAINTAIN EXISTING VEGETATION AND MINIMIZE SOIL COMPACTION WITHIN CONSTRUCTION AREAS.

PLAN & PROFILE
 SCALE: HORIZ 1" = 20'
 VERT 1" = 5'



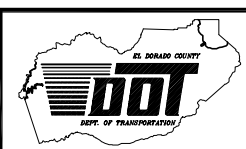
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 REVISION
 NUMBER DATE DESCRIPTION BY

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
David J. ...
 REGISTERED CIVIL ENGINEER
 DATE: 08/15/11

DESIGNED: ALD
 DRAWN: ALD
 CHECKED: DSP
 DATE: 08/2011
 ROAD NUMBER: ---



EL DORADO COUNTY
 DEPARTMENT OF TRANSPORTATION

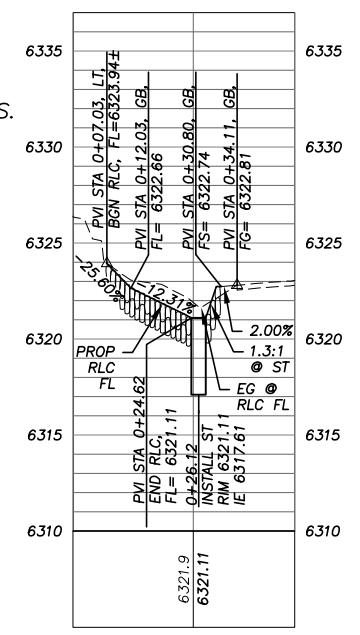
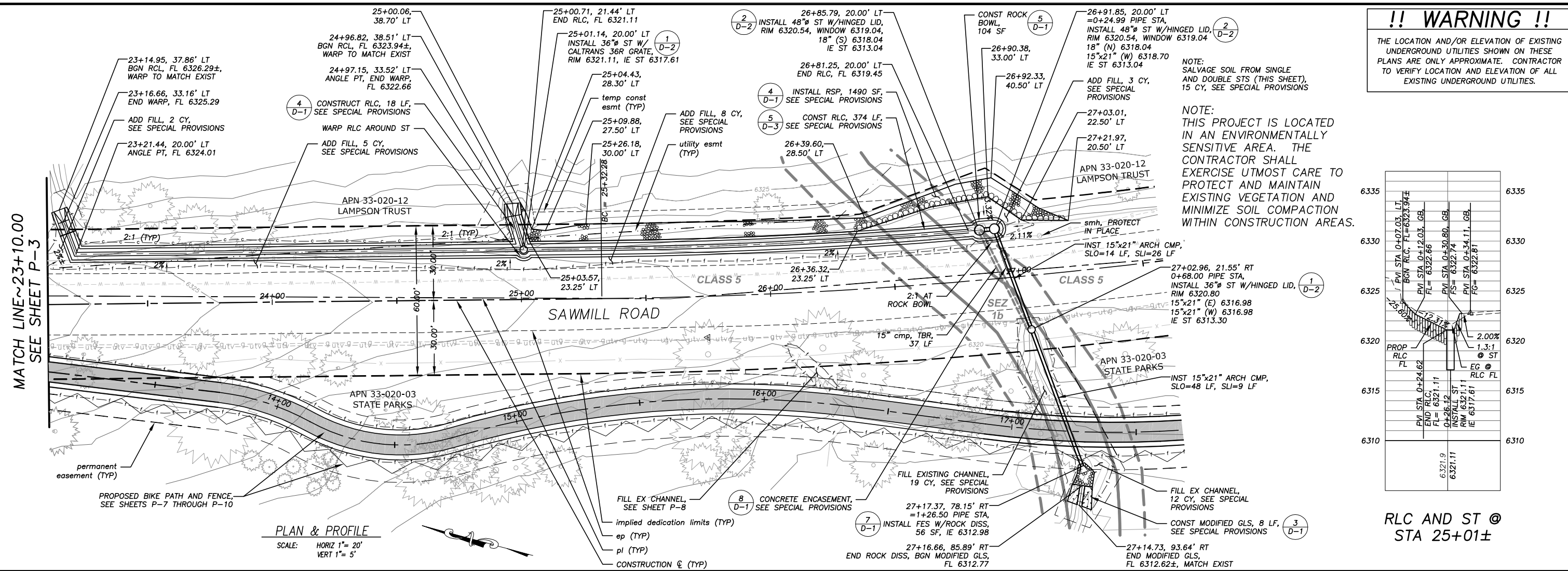
SAWMILL 2A BIKE PATH AND ECP
SAWMILL ROAD PLAN AND PROFILE
 STA 18+80.00 TO STA 23+10.00

SHEET
P-3
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 CONTRACT NO.
PW 10-30557
 CIP NO.
95165

!! WARNING !!
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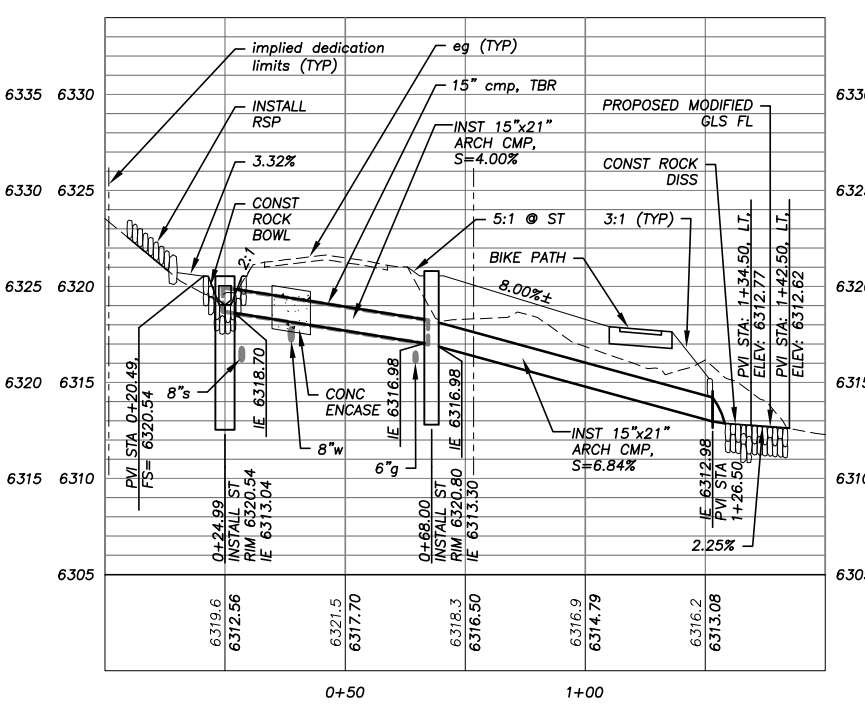
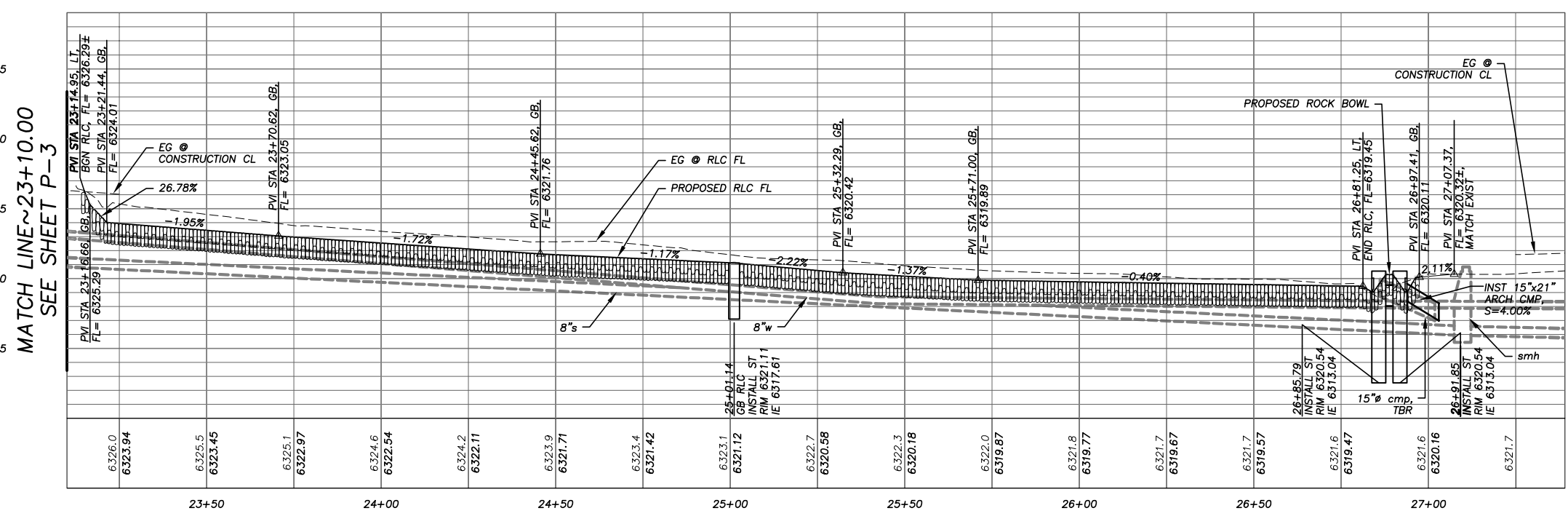
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NOTE:
 THIS PROJECT IS LOCATED IN AN ENVIRONMENTALLY SENSITIVE AREA. THE CONTRACTOR SHALL EXERCISE UTMOST CARE TO PROTECT AND MAINTAIN EXISTING VEGETATION AND MINIMIZE SOIL COMPACTION WITHIN CONSTRUCTION AREAS.



PLAN & PROFILE
 SCALE: HORIZ 1" = 20'
 VERT 1" = 5'

RLC AND ST @ STA 25+01±



15" x 21" ARCH CMP @ STA 26+97±

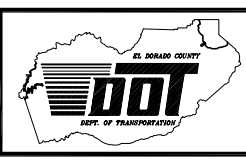
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REVISION	NUMBER	DATE	DESCRIPTION	BY



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[Signature]
 REGISTERED CIVIL ENGINEER
 DATE: 08/15/11

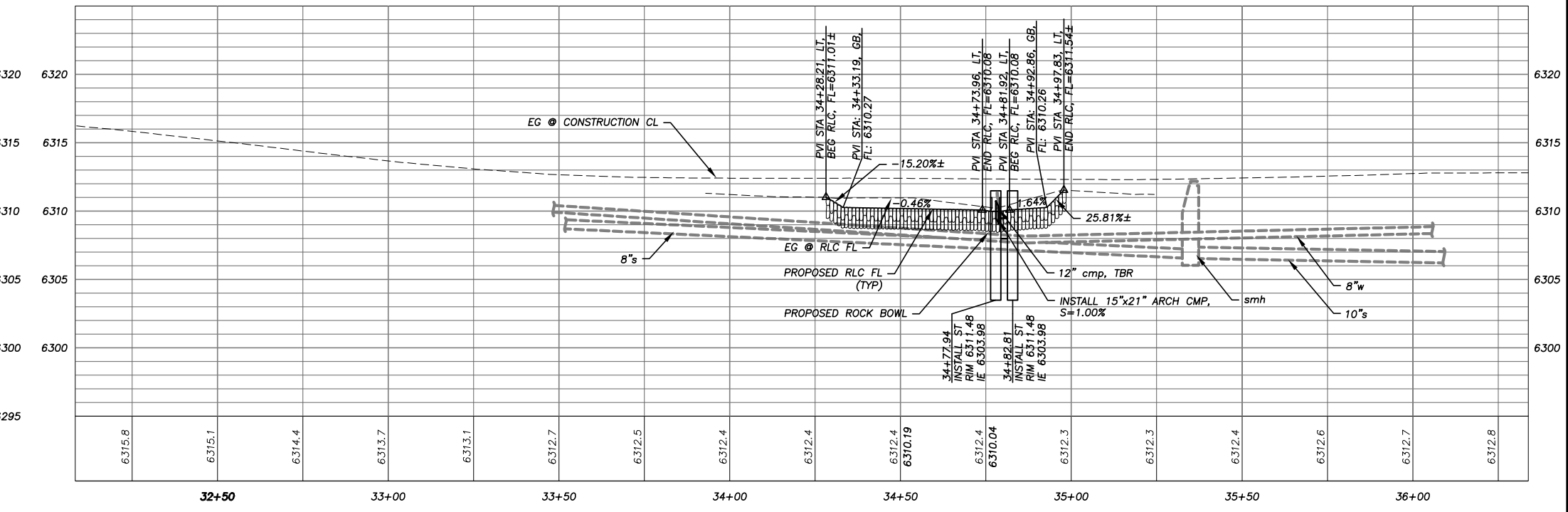
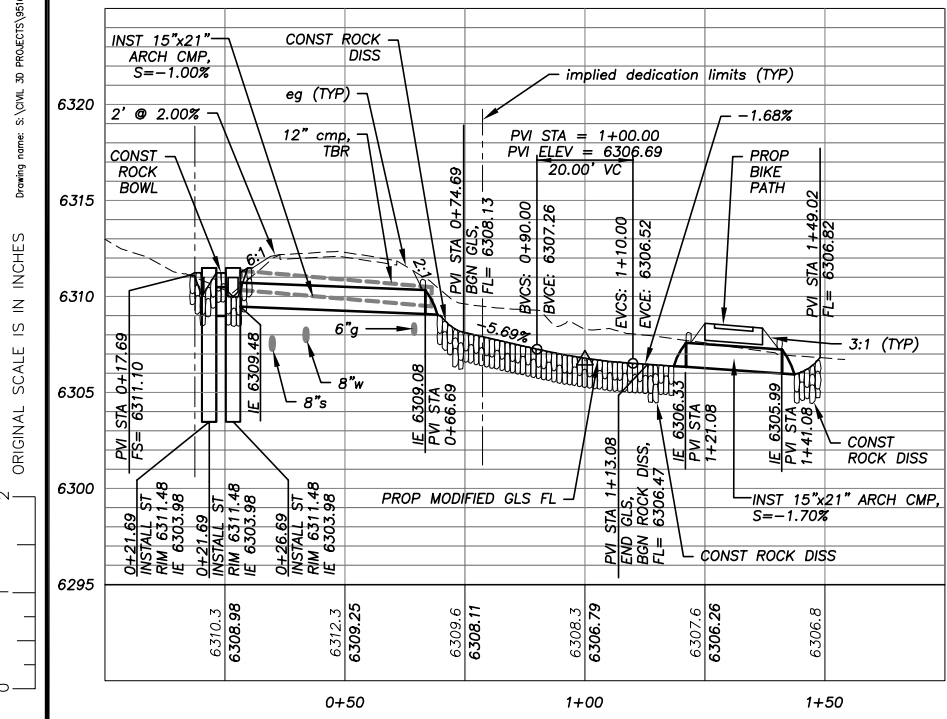
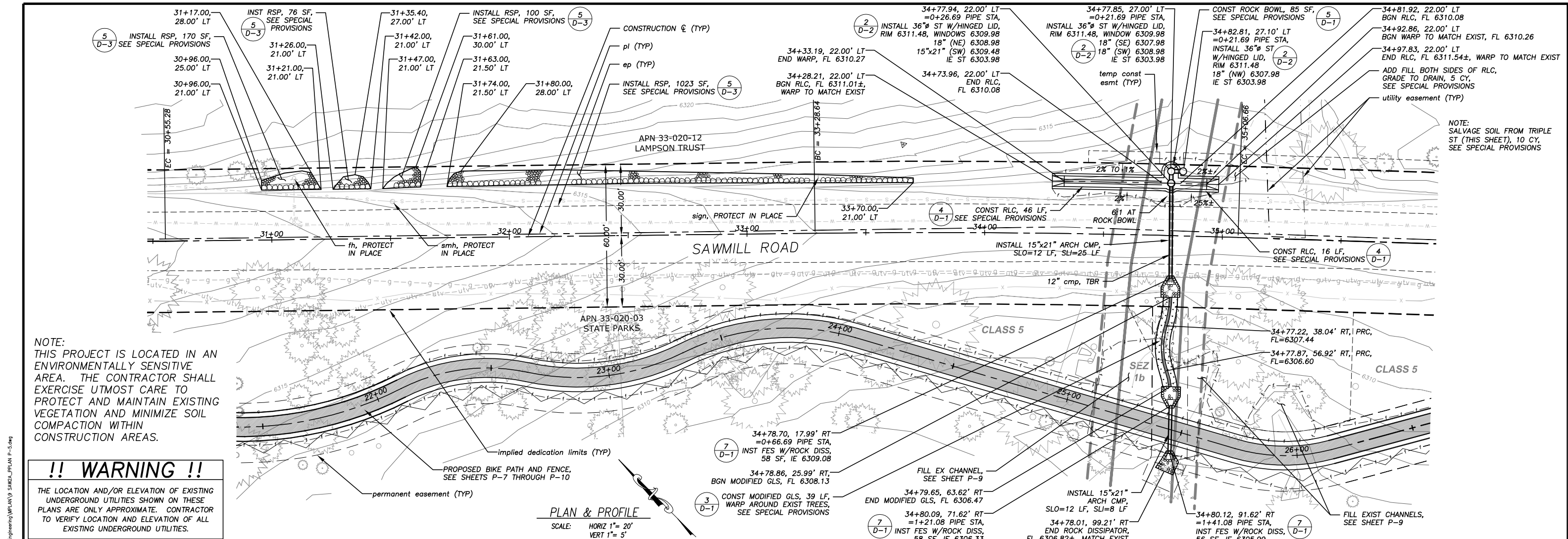
DESIGNED: ALD
 DRAWN: ALD
 CHECKED: DSP
 DATE: 08/2011
 ROAD NUMBER: ---



EL DORADO COUNTY
 DEPARTMENT OF TRANSPORTATION

SAWMILL 2A BIKE PATH AND ECP
SAWMILL ROAD PLAN AND PROFILE
 STA 23+10.00 TO STA 27+50.00

SHEET
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 CONTRACT NO.
PW 10-30557
 CIP NO.
95165

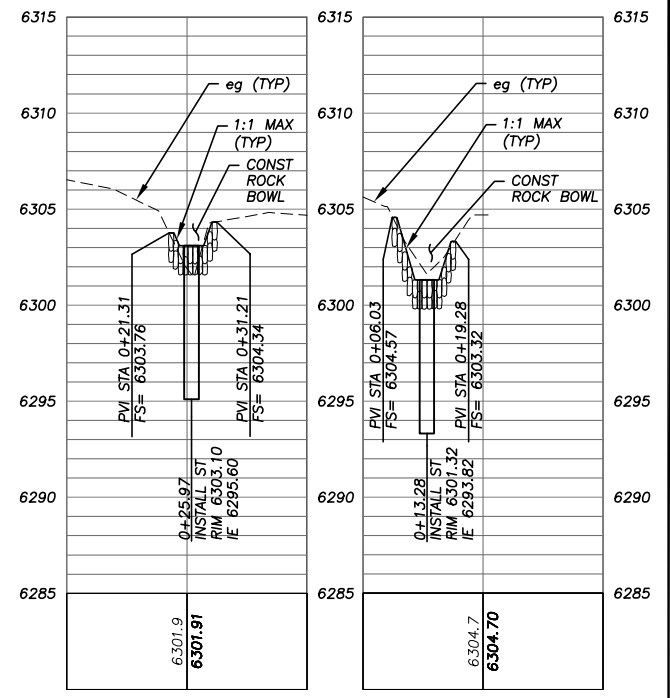
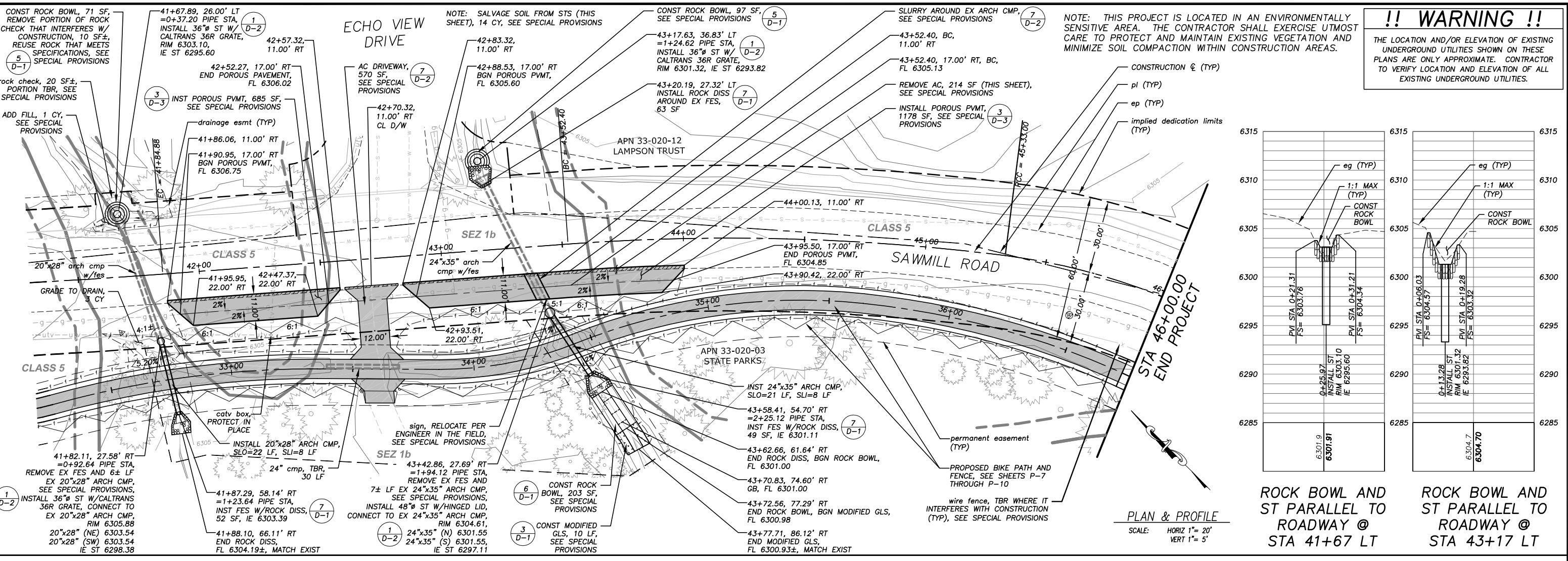


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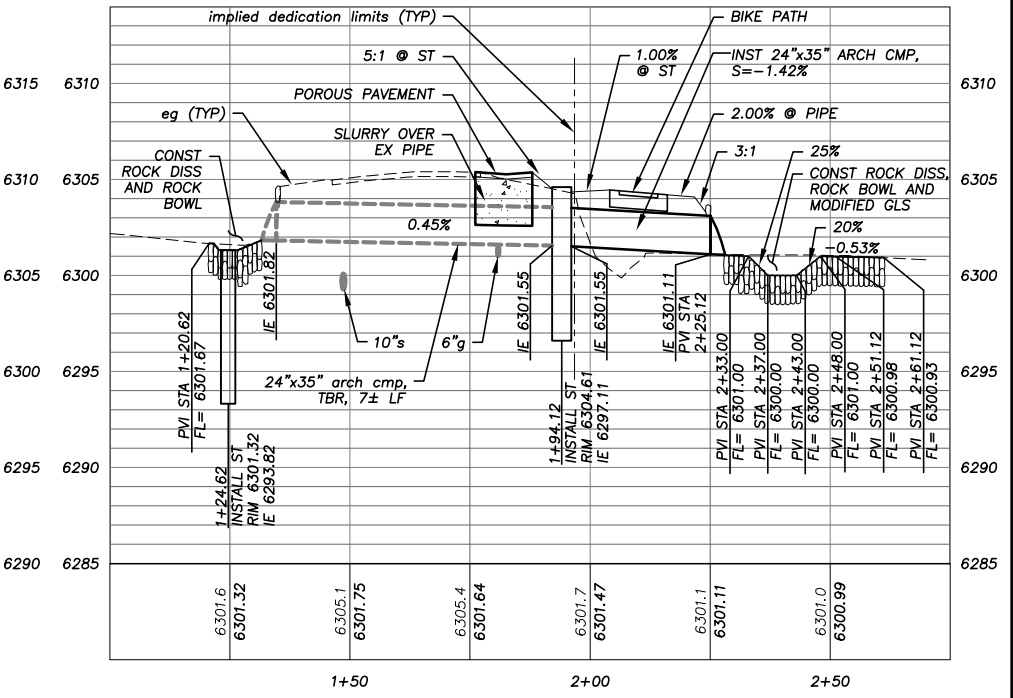
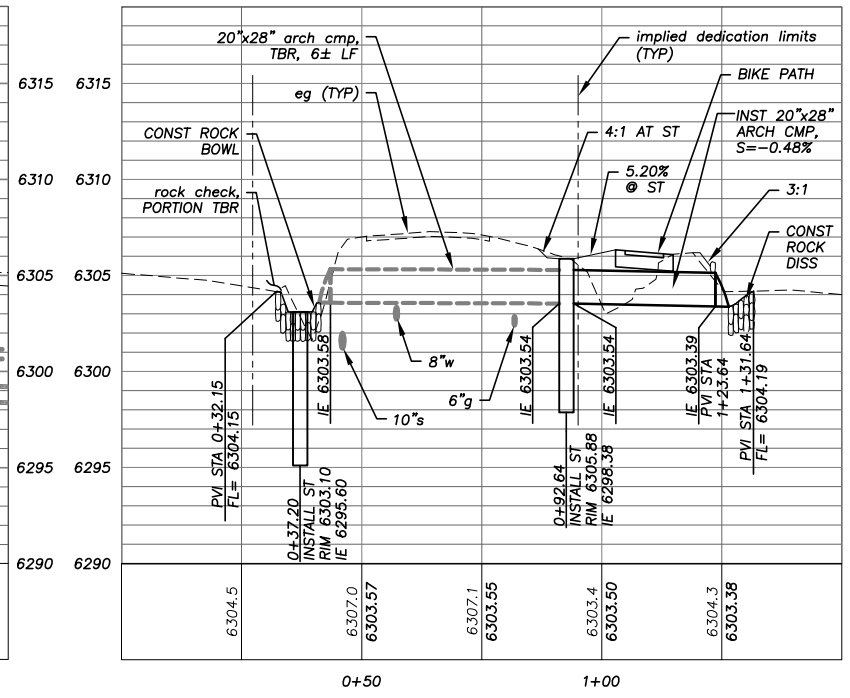
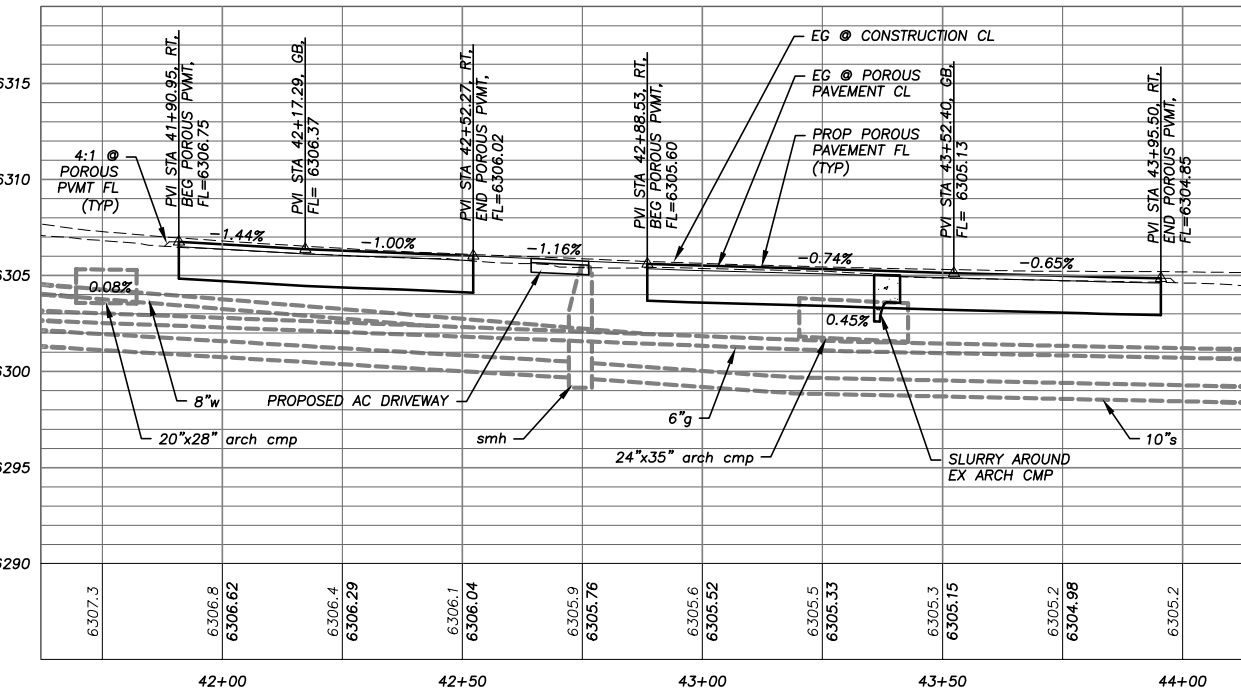
REVISION	NUMBER	DATE	DESCRIPTION	BY

<p>PREPARED UNDER THE SUPERVISION OF: <i>David S. Sica</i> REGISTERED CIVIL ENGINEER DATE: 08/15/11</p>	<p>DESIGNED: ALD DRAWN: ALD CHECKED: DSP DATE: 08/2011 ROAD NUMBER: ---</p>	<p>EL DORADO COUNTY DEPARTMENT OF TRANSPORTATION</p>	<p>SHEET P-5 9 OF 28 CONTRACT NO. PW 10-30557 CIP NO. 95165</p>
	<p>SAWMILL 2A BIKE PATH AND ECP SAWMILL ROAD PLAN AND PROFILE STA 30+50.00 TO STA 35+90.00</p>		

!! WARNING !!
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PLAN & PROFILE
 SCALE: HORIZ 1" = 20'
 VERT 1" = 5'



20"x28" ARCH CMP @ STA 41+75±

24"x35" ARCH CMP @ STA 43+31±

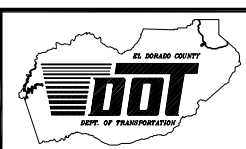
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 FOR REDUCED PLANS
 REVISION

NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
David S. Sosa
 REGISTERED CIVIL ENGINEER
 DATE: 08/15/11

DESIGNED: ALD
 CHECKED: DSP
 DATE: 08/2011
 ROAD NUMBER: ---

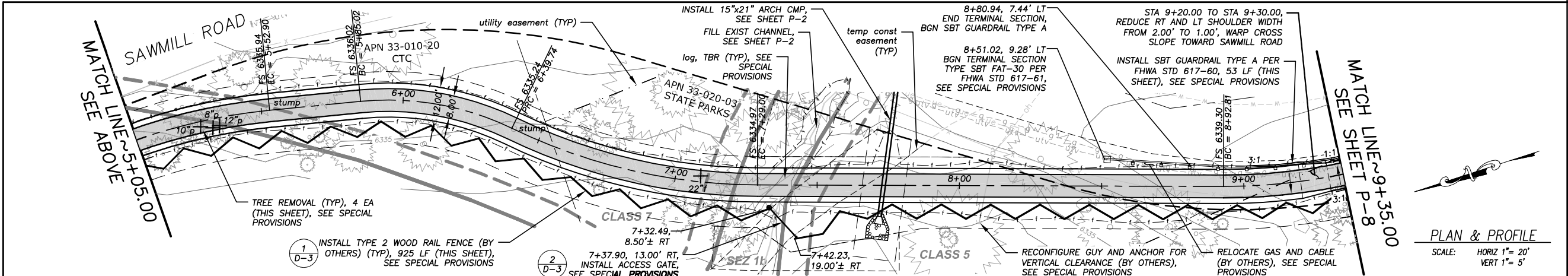
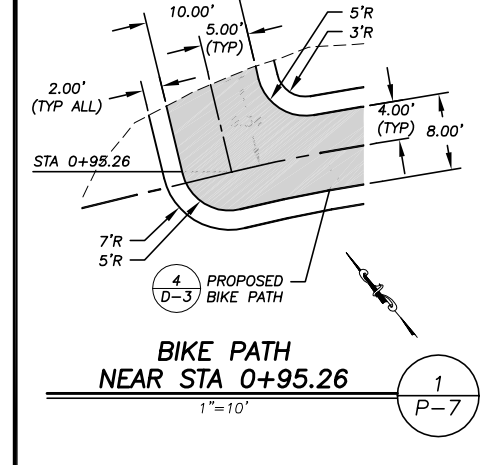
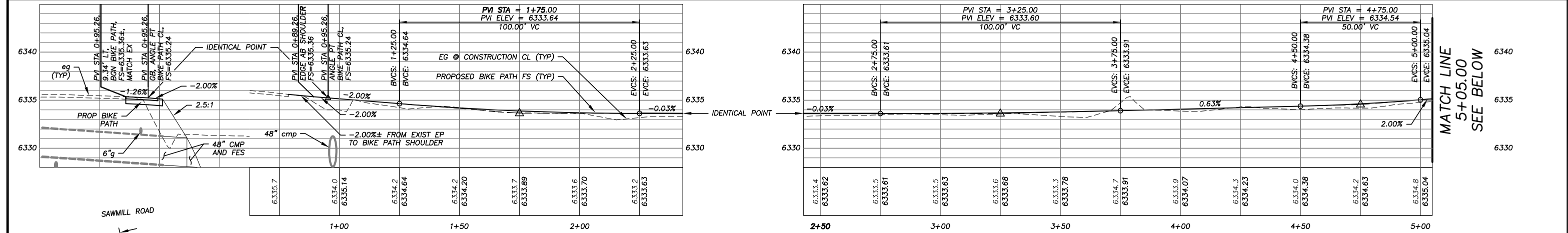
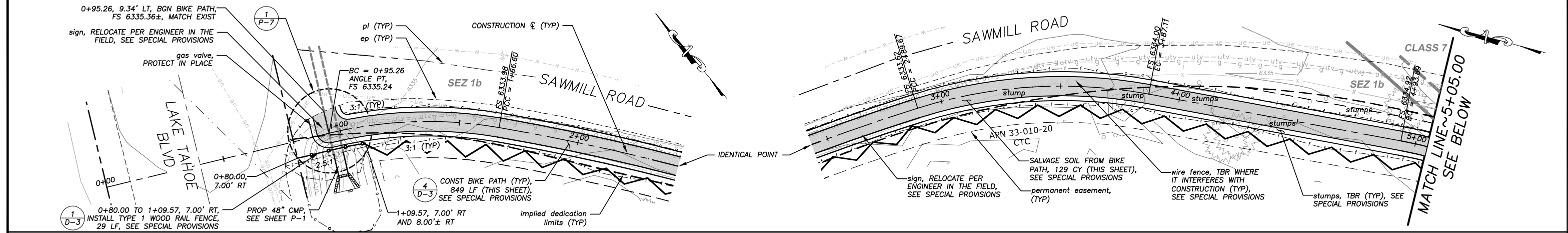


EL DORADO COUNTY
 DEPARTMENT OF TRANSPORTATION

SAWMILL 2A BIKE PATH AND ECP
 SAWMILL ROAD PLAN AND PROFILE
 STA 41+30.00 TO STA 46+00.00

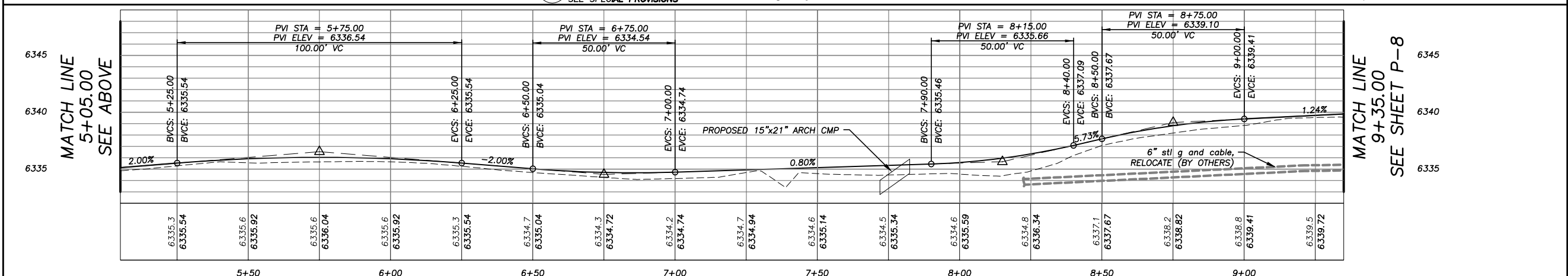
SHEET
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 10 OF 28
 CONTRACT NO.
 PW 10-30557
 CIP NO.
 95165

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FOR REDUCED PLANS
REVISION
NUMBER DATE DESCRIPTION BY



NOTE:
THIS PROJECT IS LOCATED IN AN ENVIRONMENTALLY SENSITIVE AREA. THE CONTRACTOR SHALL EXERCISE UTMOST CARE TO PROTECT AND MAINTAIN EXISTING VEGETATION AND MINIMIZE SOIL COMPACTION WITHIN CONSTRUCTION AREAS.

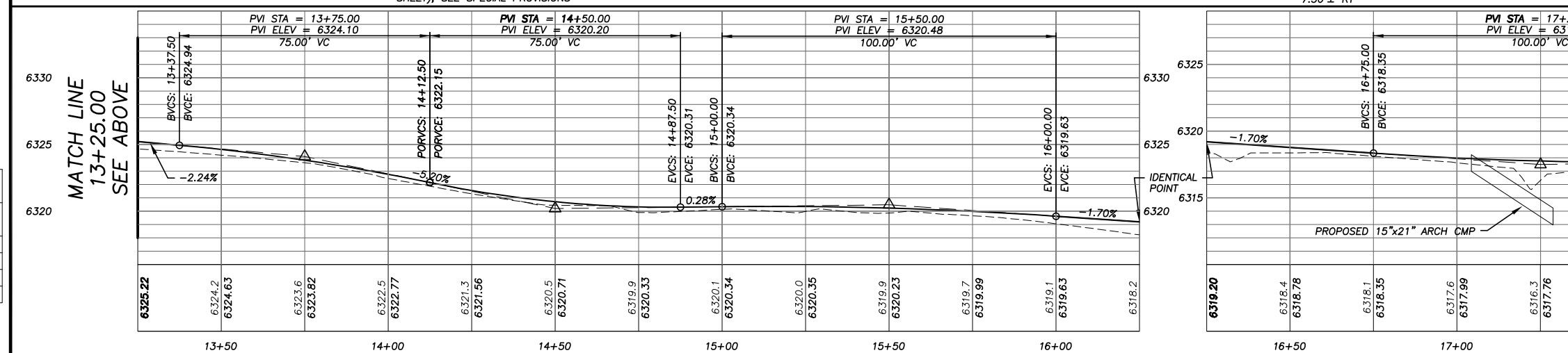
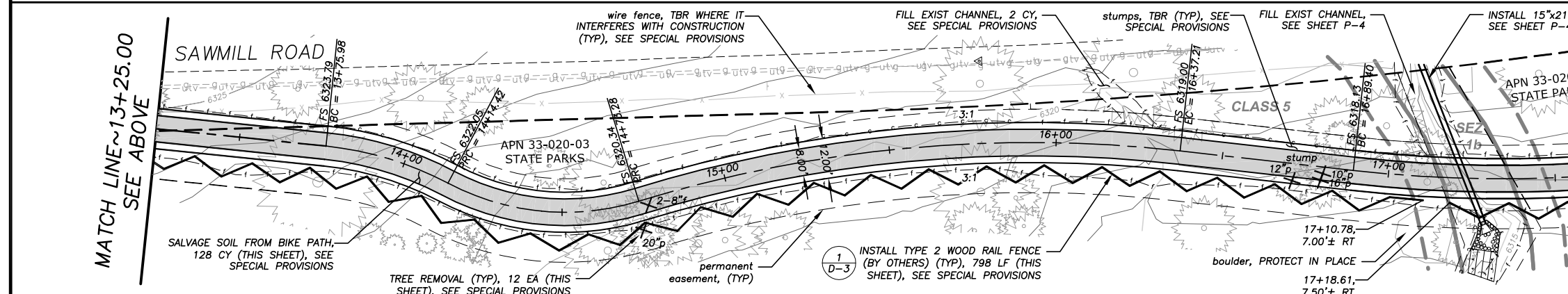
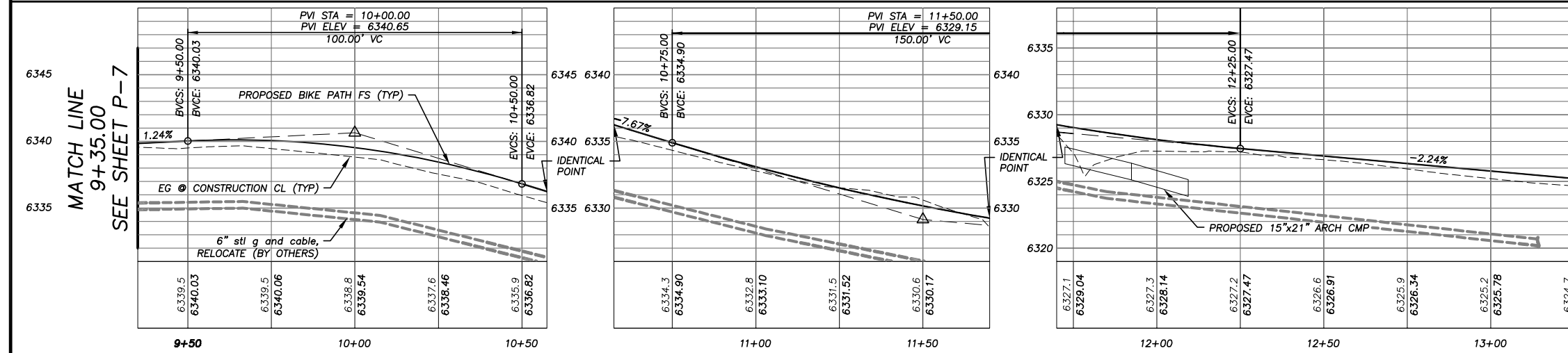
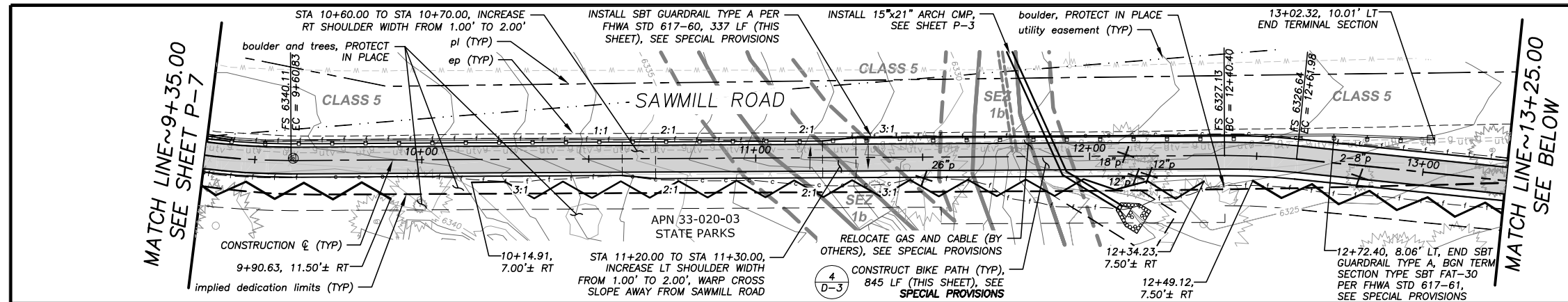
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	PREPARED UNDER THE SUPERVISION OF: REGISTERED CIVIL ENGINEER DATE: 08/15/11	DESIGNED: ALD CHECKED: DSP DRAWN: ALD DATE: 08/2011 ROAD NUMBER: ---		EL DORADO COUNTY DEPARTMENT OF TRANSPORTATION	SAWMILL 2A BIKE PATH AND ECP BIKE PATH PLAN AND PROFILE STA 0+00.00 TO STA 9+35.00	SHEET P-7 11 OF 28 CONTRACT NO. PW 10-30557 CIP NO. 95165
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NOTE:
 THIS PROJECT IS LOCATED IN AN ENVIRONMENTALLY SENSITIVE AREA. THE CONTRACTOR SHALL EXERCISE UTMOST CARE TO PROTECT AND MAINTAIN EXISTING VEGETATION AND MINIMIZE SOIL COMPACTION WITHIN CONSTRUCTION AREAS.



PLAN & PROFILE
 SCALE: HORIZ 1" = 20'
 VERT 1" = 5'

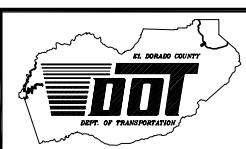
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 ORIGINAL SCALE IS IN INCHES
 FOR REDUCED PLANS
 REVISION

NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
[Signature]
 REGISTERED CIVIL ENGINEER
 DATE: 08/15/11

DESIGNED: ALD
 CHECKED: DSP
 ROAD NUMBER: ---
 DRAWN: ALD
 DATE: 08/2011



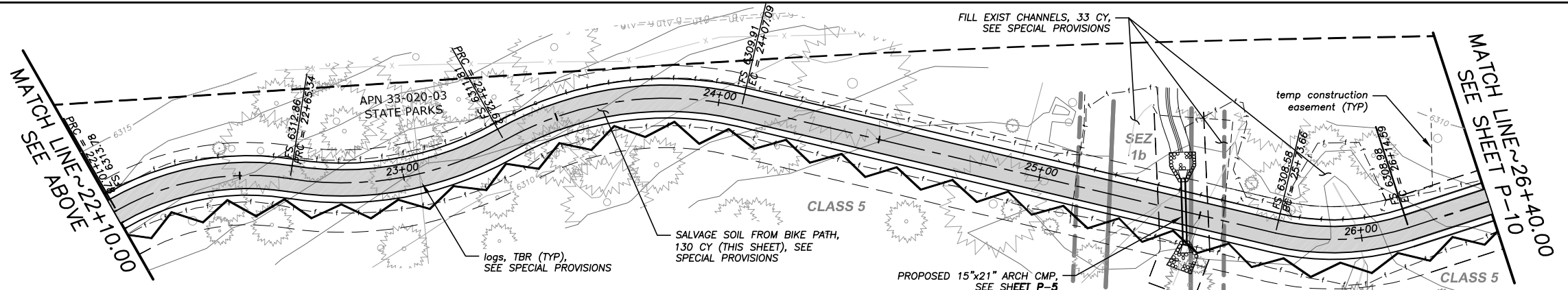
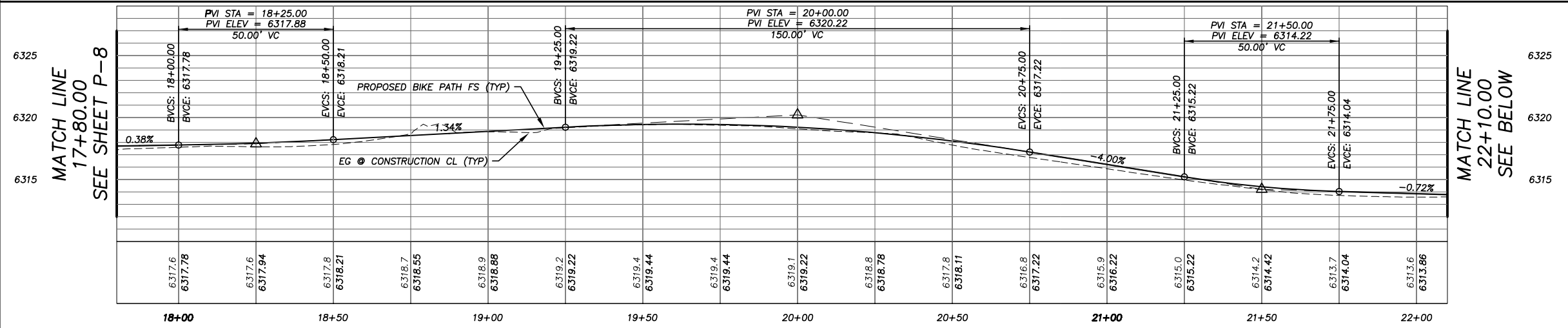
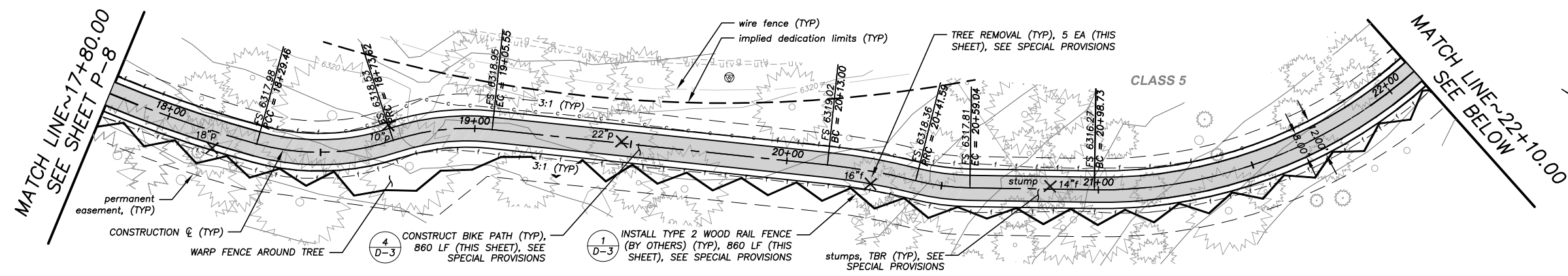
EL DORADO COUNTY
 DEPARTMENT OF TRANSPORTATION

SAWMILL 2A BIKE PATH AND ECP
 BIKE PATH PLAN AND PROFILE
 STA 9+35.00 TO STA 17+80.00

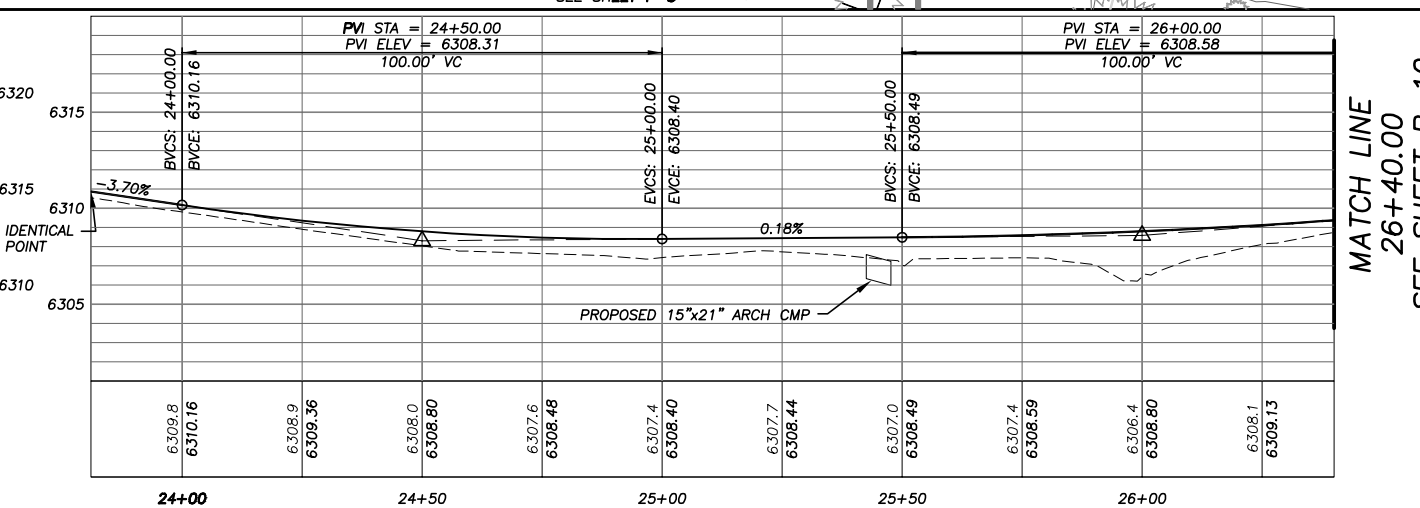
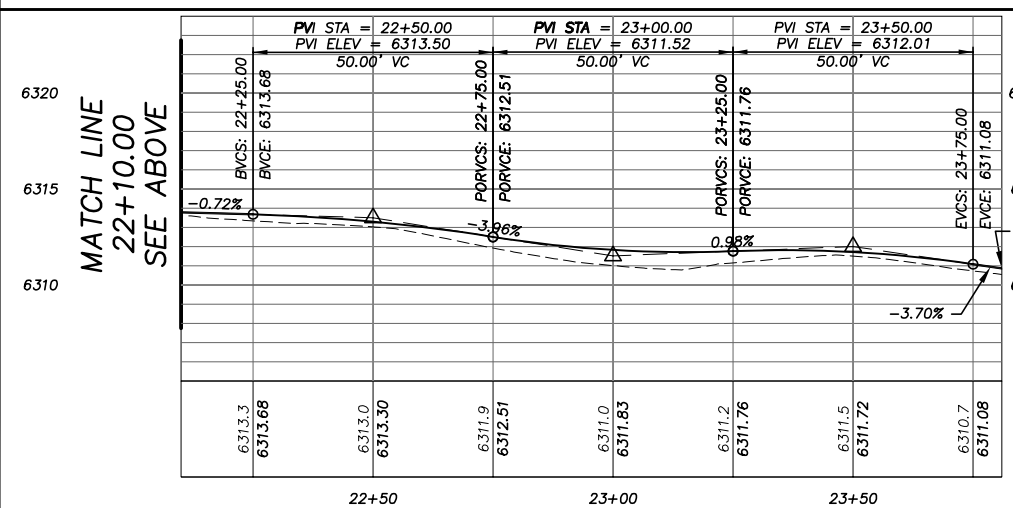
SHEET
P-8
 12 OF 28
 CONTRACT NO.
PW 10-30557
 CIP NO.
95165

!! WARNING !!
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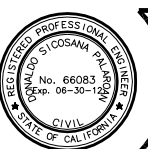


PLAN & PROFILE
 SCALE: HORIZ 1" = 20'
 VERT 1" = 5'



Drawing name: S:\VTL\3D PROJECTS\061615\Engineering\MP\AN\13 SAWMILL PLAN P-9.dwg
 ORIGINAL SCALE IS IN INCHES
 FOR REDUCED PLANS
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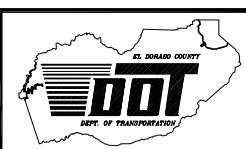
REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:

 REGISTERED CIVIL ENGINEER
 DATE: 08/15/11

DESIGNED: ALD
 CHECKED: DSP
 ROAD NUMBER: ---
 DRAWN: ALD
 DATE: 08/2011

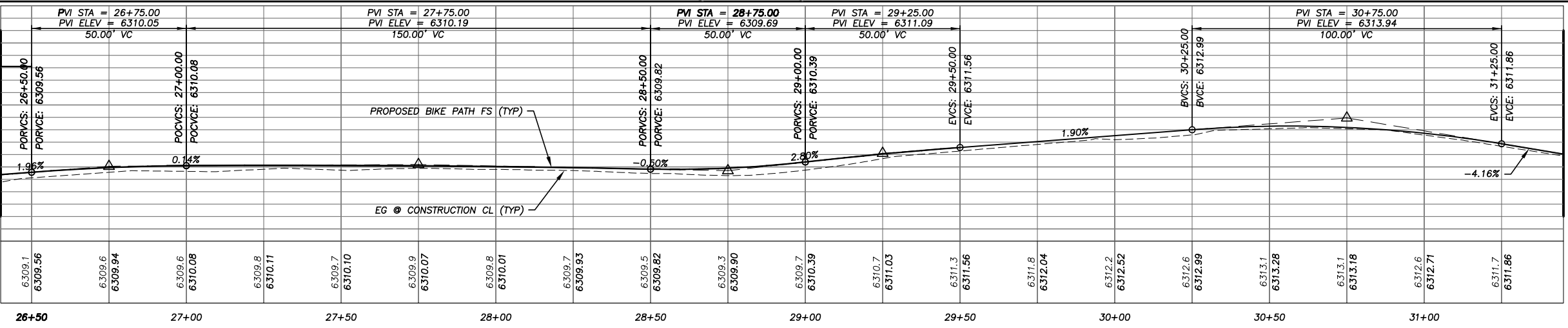
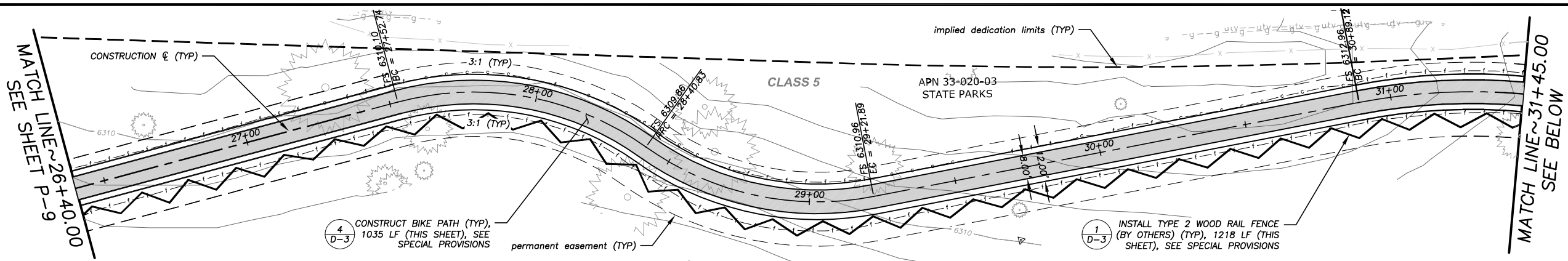


EL DORADO COUNTY
 DEPARTMENT OF TRANSPORTATION

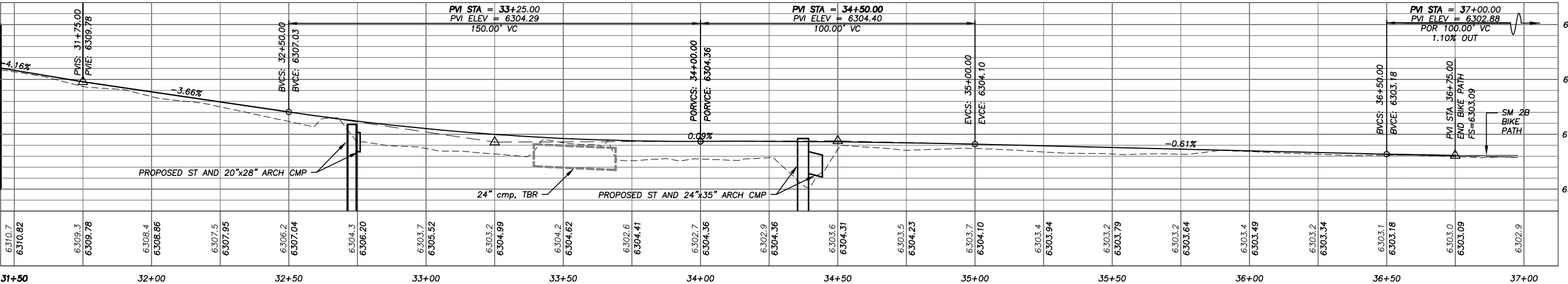
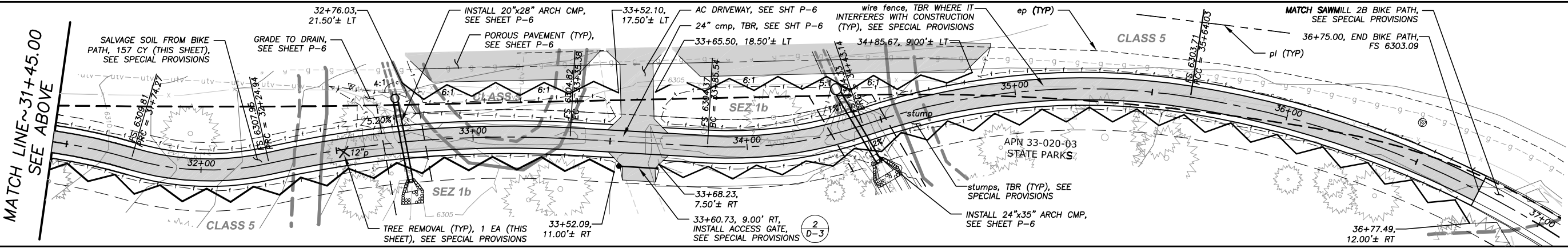
SAWMILL 2A BIKE PATH AND ECP
 BIKE PATH PLAN AND PROFILE
 STA 17+80.00 TO STA 26+40.00

SHEET
P-9
 13 OF 28
 CONTRACT NO.
PW 10-30557
 CIP NO.
95165

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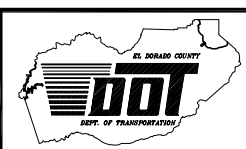
FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
[Signature]
 REGISTERED CIVIL ENGINEER
 DATE: 08/15/11

DESIGNED: ALD
 CHECKED: DSP
 ROAD NUMBER: ---



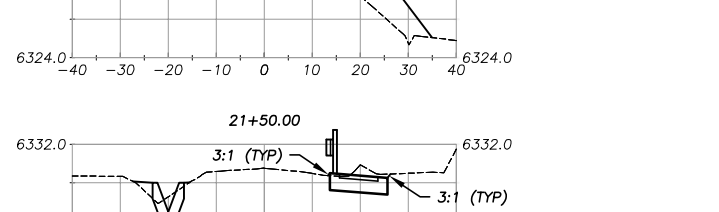
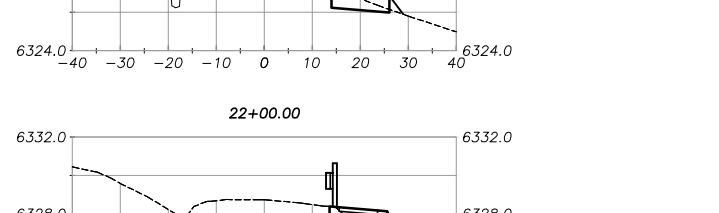
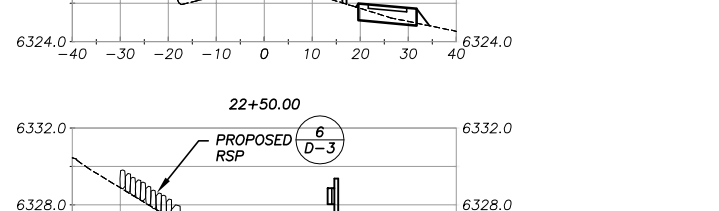
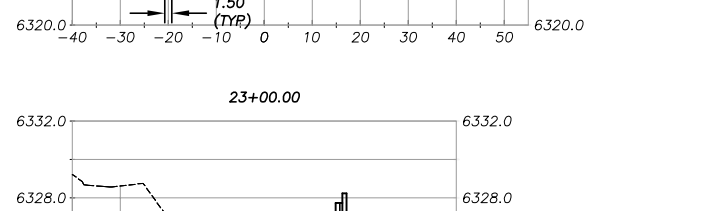
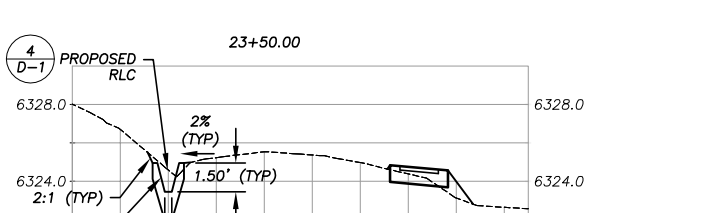
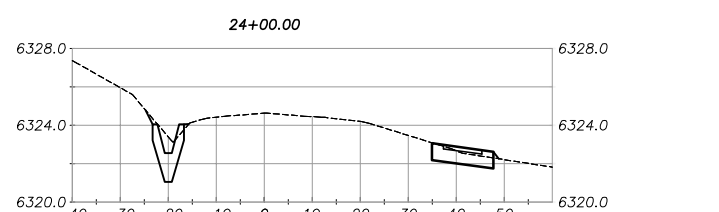
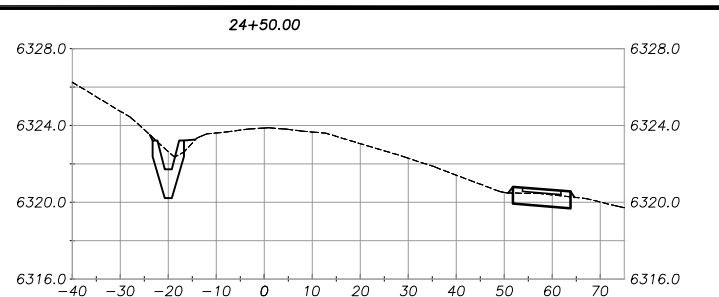
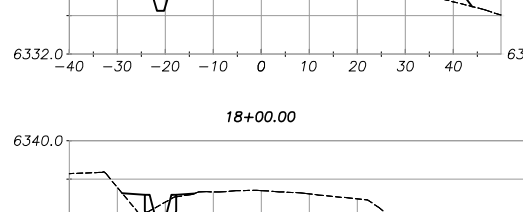
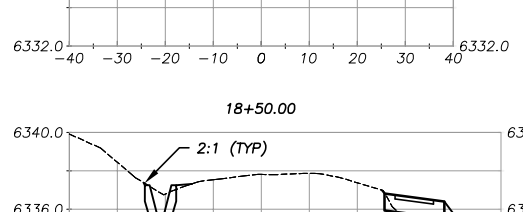
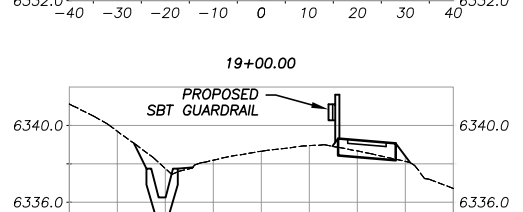
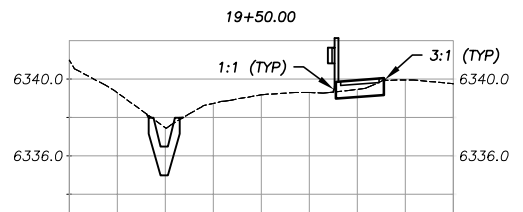
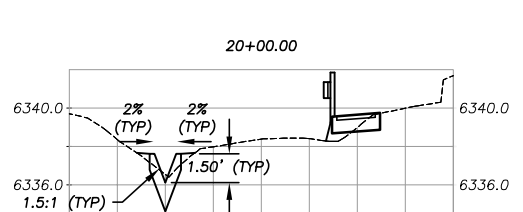
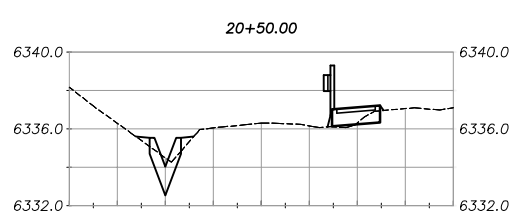
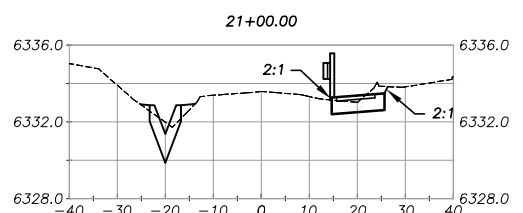
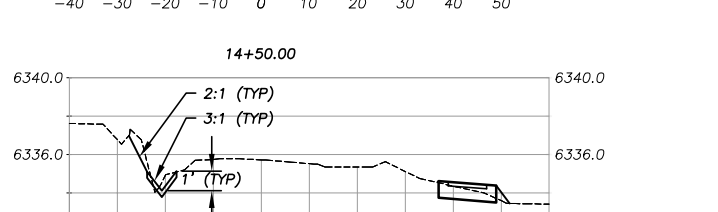
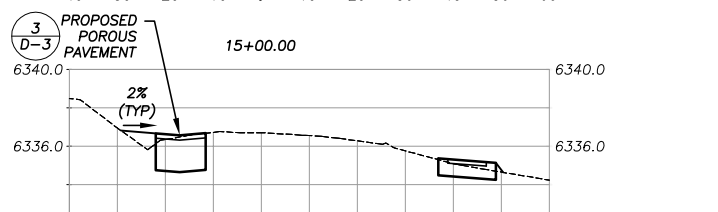
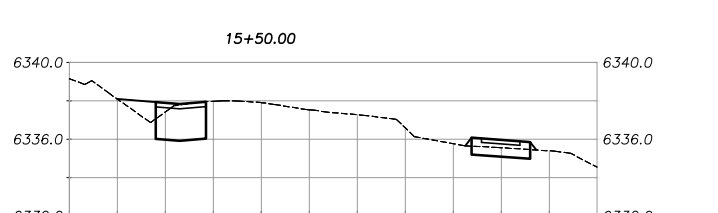
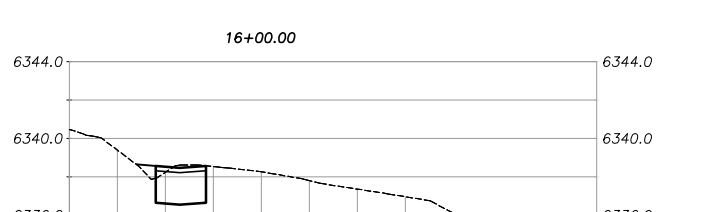
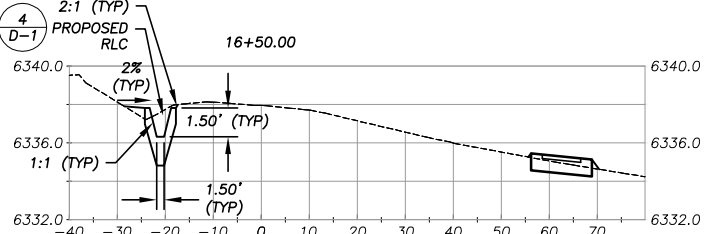
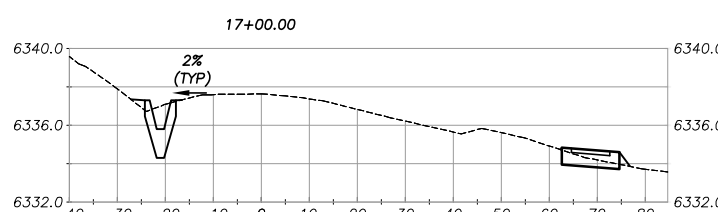
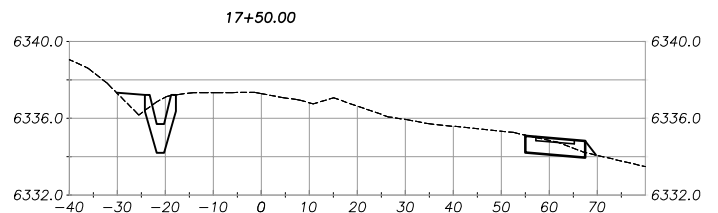
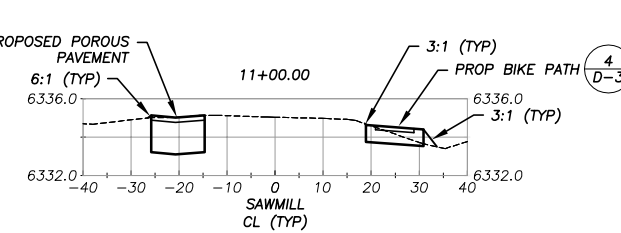
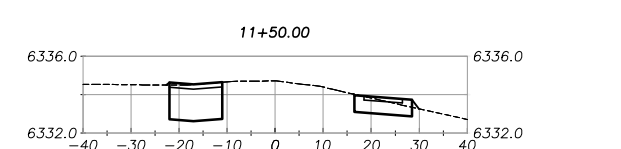
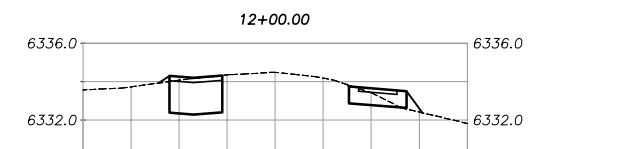
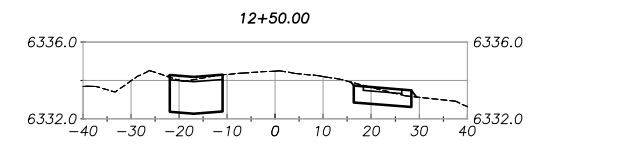
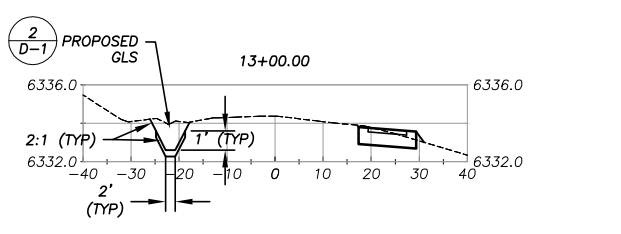
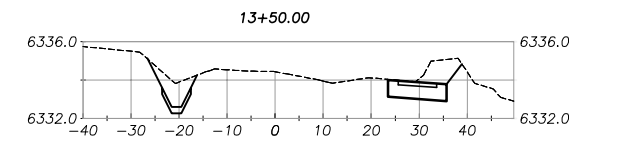
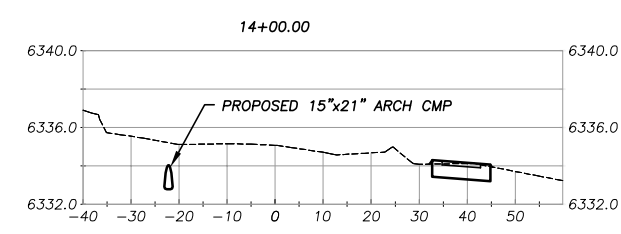
EL DORADO COUNTY
 DEPARTMENT OF TRANSPORTATION

SAWMILL 2A BIKE PATH AND ECP
 BIKE PATH PLAN AND PROFILE
 STA 26+40.00 TO STA 37+00.00

SHEET
 P-10
 14 OF 28
 CONTRACT NO.
 PW 10-30557
 CIP NO.
 95165

Drawing name: \\V:\L\3D PROJECTS\08165\Engineering\MP\AV15-17 SAWMILL SECTIONS X-1.dwg

ORIGINAL SCALE IS IN INCHES
FOR REDUCED PLANS



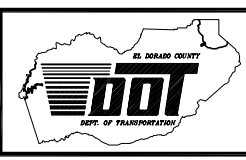
SCALE: HORIZ 1"= 20'
VERT 1"= 5'

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
David S. Sycosana
REGISTERED CIVIL ENGINEER
DATE: 08/15/11

DESIGNED: ALD
DRAWN: ALD
CHECKED: DSP
DATE: 08/2011
ROAD NUMBER: ---

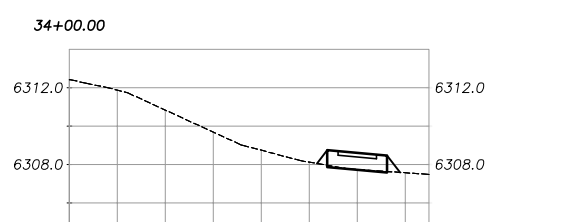
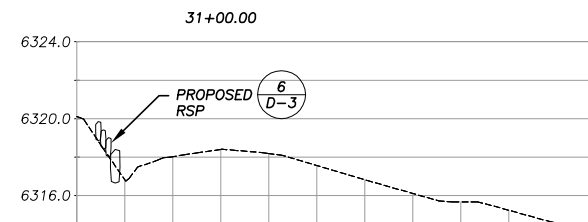
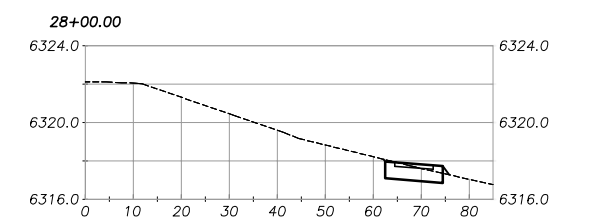
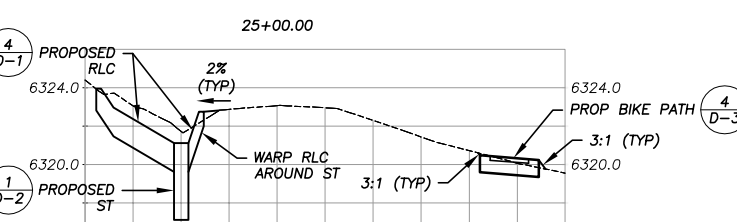
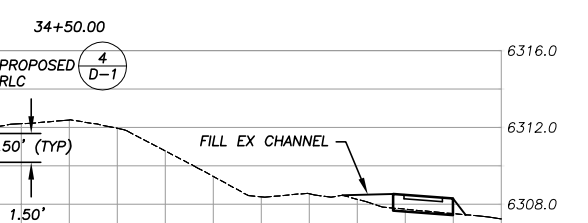
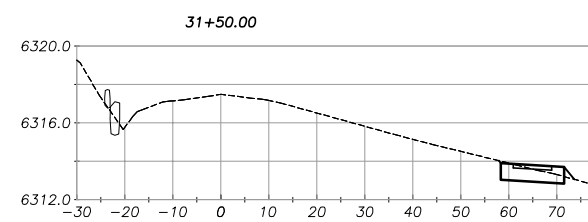
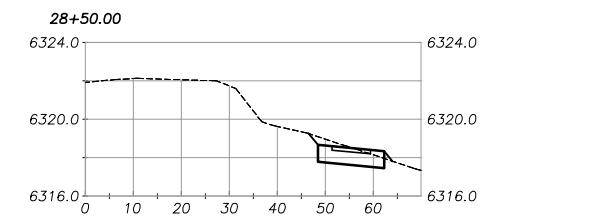
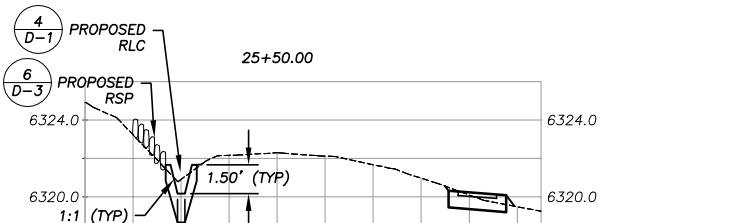
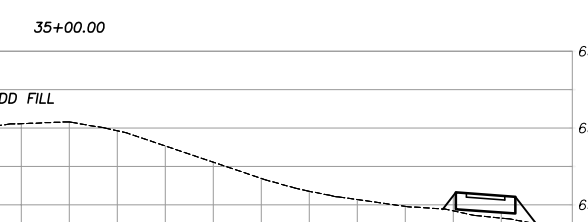
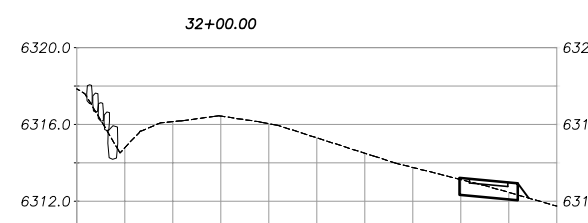
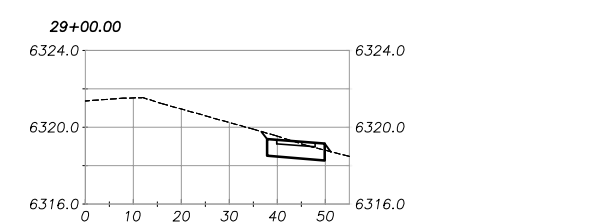
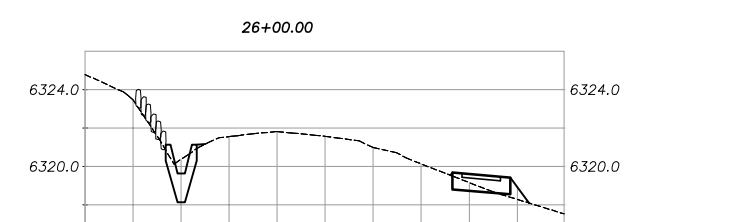
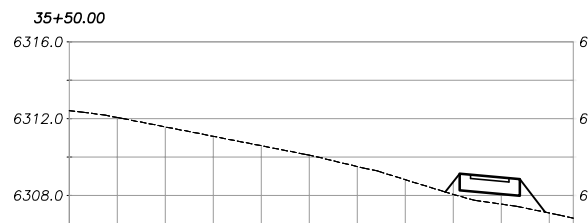
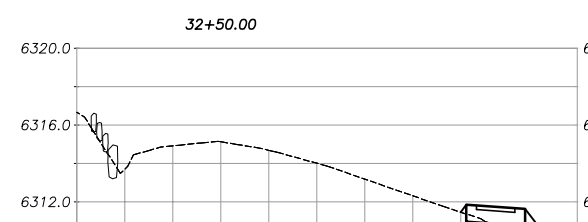
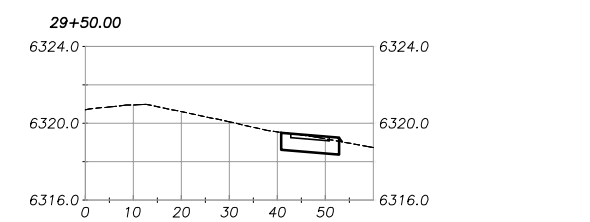
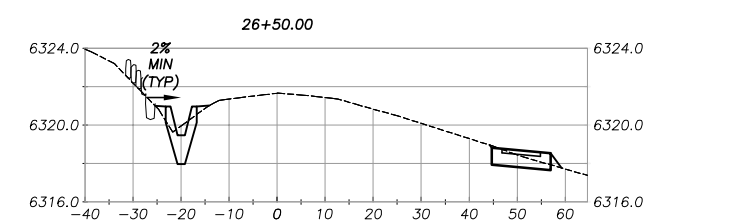
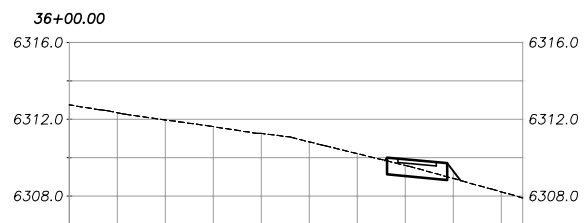
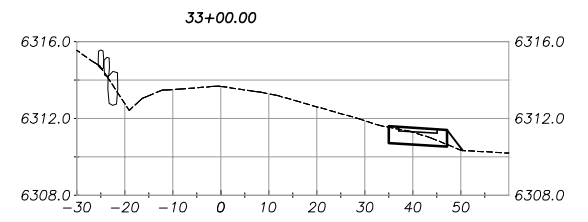
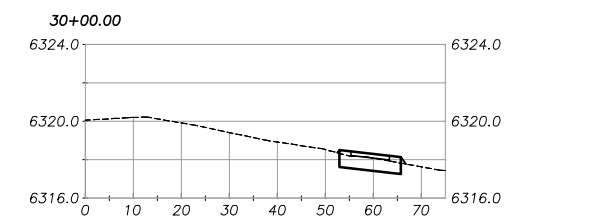
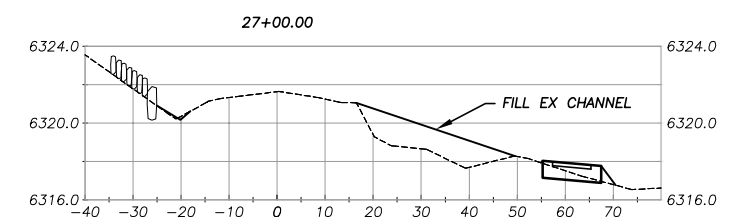
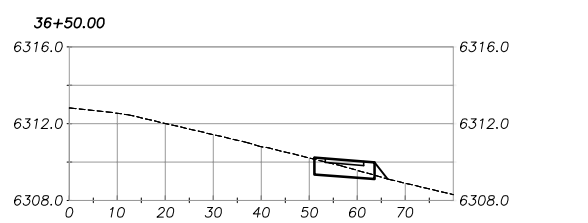
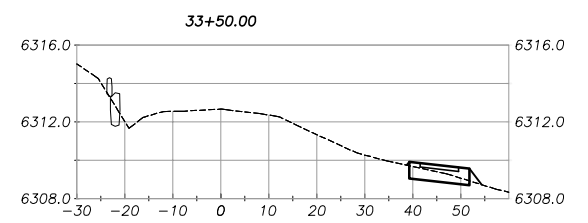
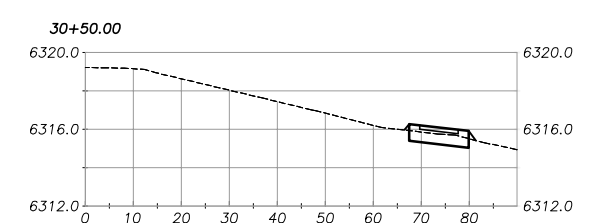
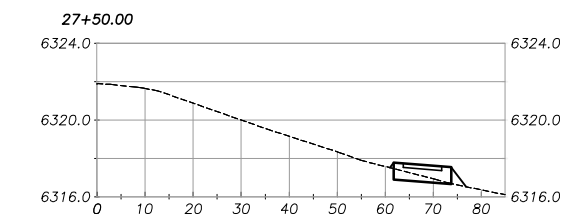


EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION

SAWMILL 2A BIKE PATH AND ECP
CROSS-SECTIONS

SHEET X-1
15 OF 28
CONTRACT NO. PW 10-30557
CIP NO. 95165

DRAWING NAME: \\VOLUME_3D_PROJECTS\6165\Engineering\MP\AV\15-17 SAWMILL SECTIONS X-2.dwg
ORIGINAL SCALE IS IN INCHES
FOR REDUCED PLANS



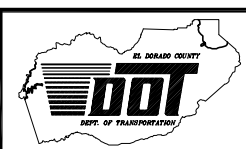
SCALE: HORIZ 1"= 20'
VERT 1"= 5'

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
[Signature]
REGISTERED CIVIL ENGINEER
DATE: 08/15/11

DESIGNED: ALD
DRAWN: ALD
CHECKED: DSP
DATE: 08/2011
ROAD NUMBER: ---



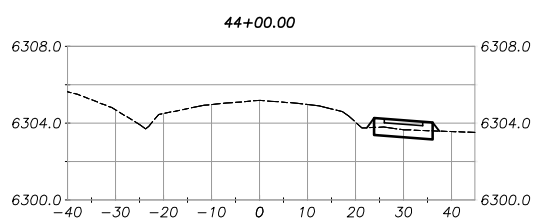
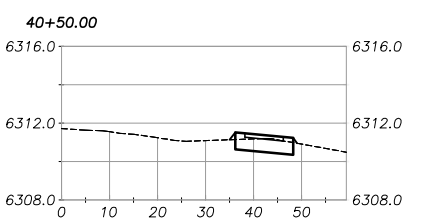
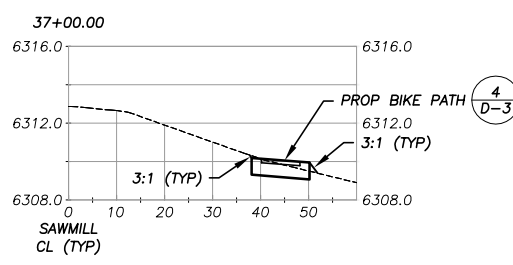
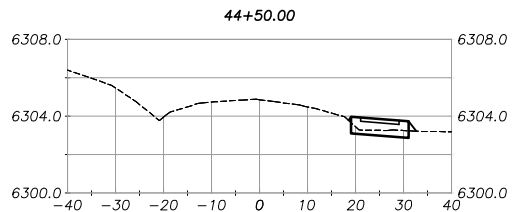
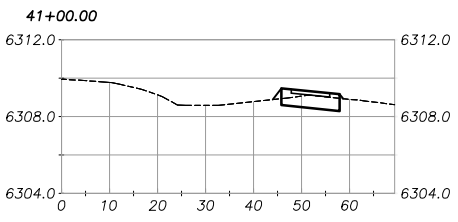
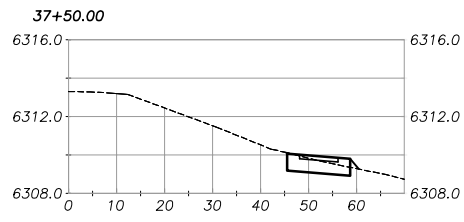
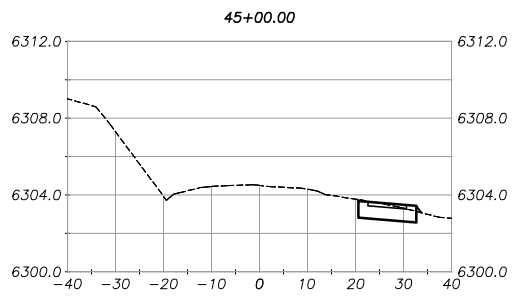
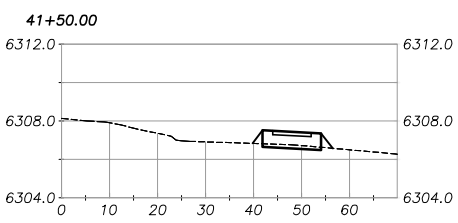
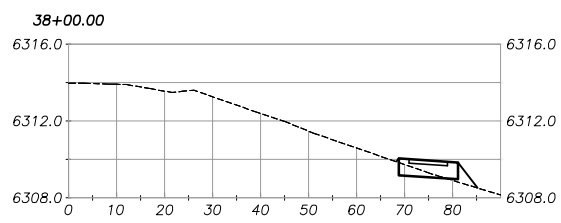
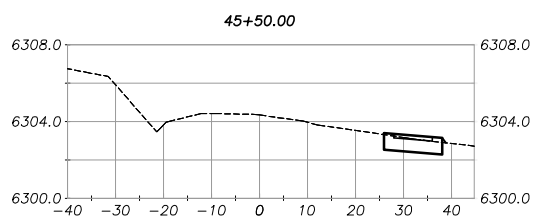
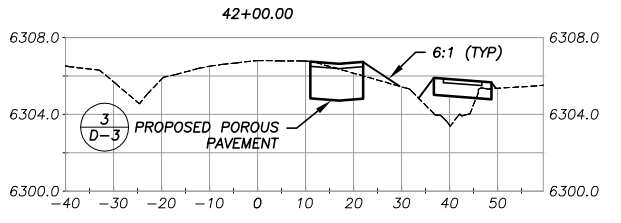
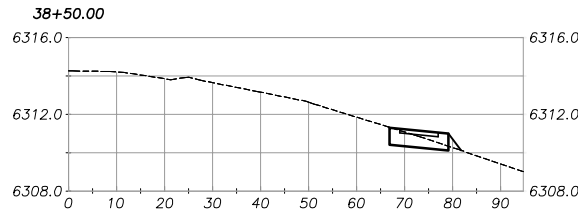
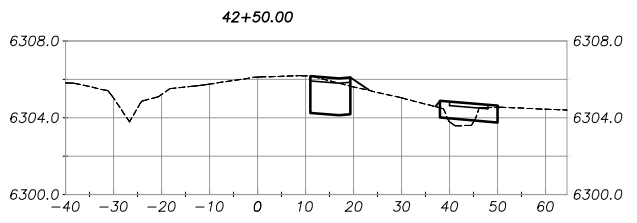
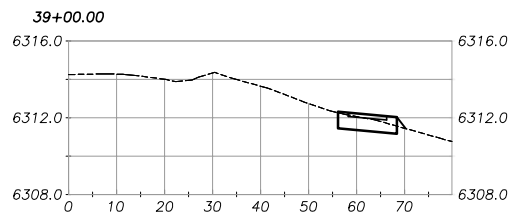
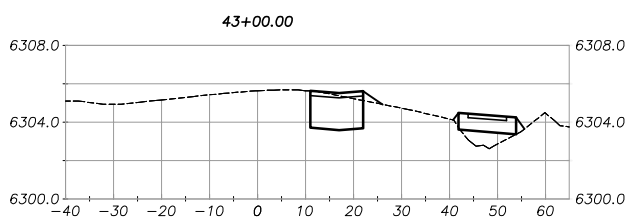
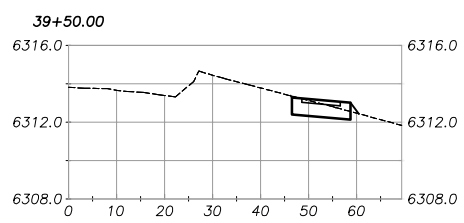
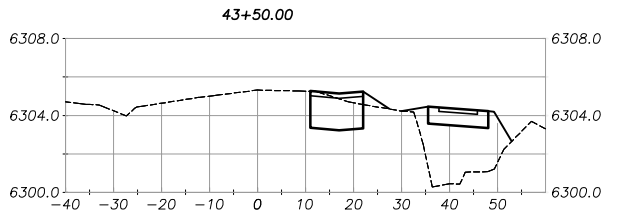
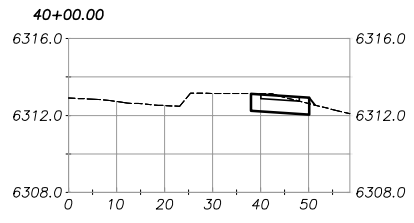
EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION

SAWMILL 2A BIKE PATH AND ECP
CROSS-SECTIONS

SHEET X-2
16 OF 28
CONTRACT NO. PW 10-30557
CIP NO. 95165

Drawing name: S:\VNL_3D_PROJECTS\95165\Engineering\MP\AV15-17_SAWMILL_SECTIONS_X-3.dwg

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES



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VERT 1"= 5'

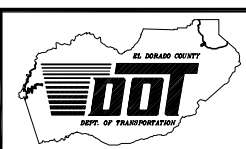
REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:

 REGISTERED CIVIL ENGINEER
 DATE: 08/15/11

DESIGNED: ALD
 CHECKED: DSP
 ROAD NUMBER: ---
 DRAWN: ALD
 DATE: 08/2011

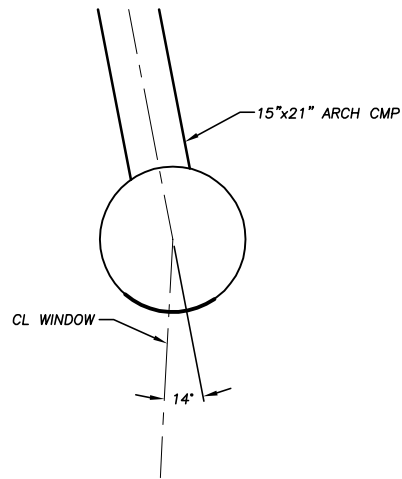


EL DORADO COUNTY
 DEPARTMENT OF TRANSPORTATION

SAWMILL 2A BIKE PATH AND ECP
 CROSS-SECTIONS

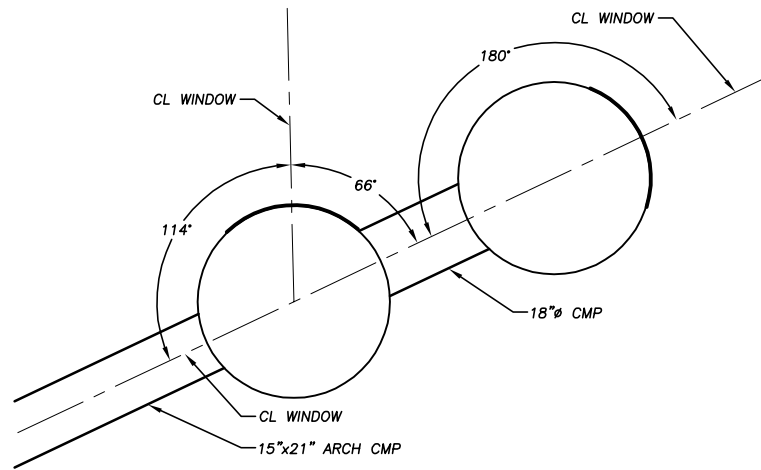
SHEET
 X-3
 17 OF 28
 CONTRACT NO.
 PW 10-30557
 CIP NO.
 95165

ORIGINAL SCALE IS IN INCHES
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 CIP NO. 95165



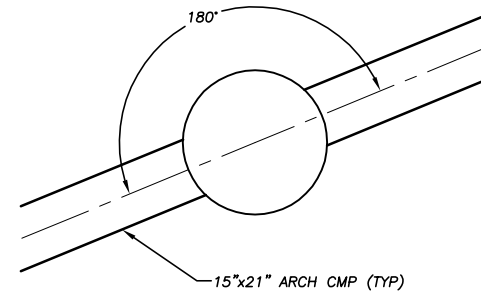
**36"Ø SEDIMENT TRAP
AT 14+40.04 (SHEET P-1)**

NTS



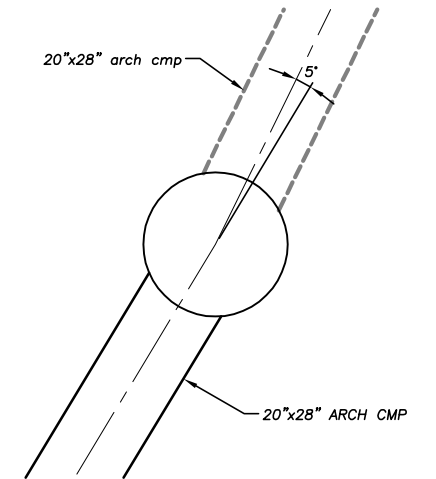
**48"Ø DOUBLE SEDIMENT TRAP
AT 21+76.39 (SHEET P-3)**

NTS



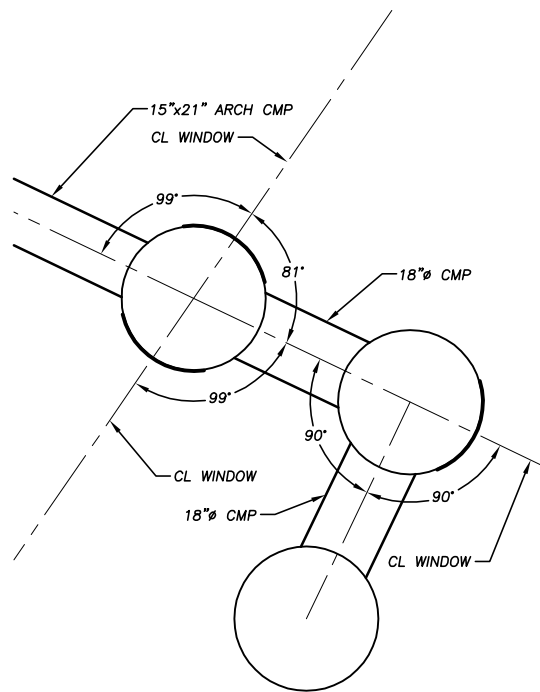
**36"Ø SEDIMENT TRAP
AT 27+02.96 (SHEET P-4)**

NTS



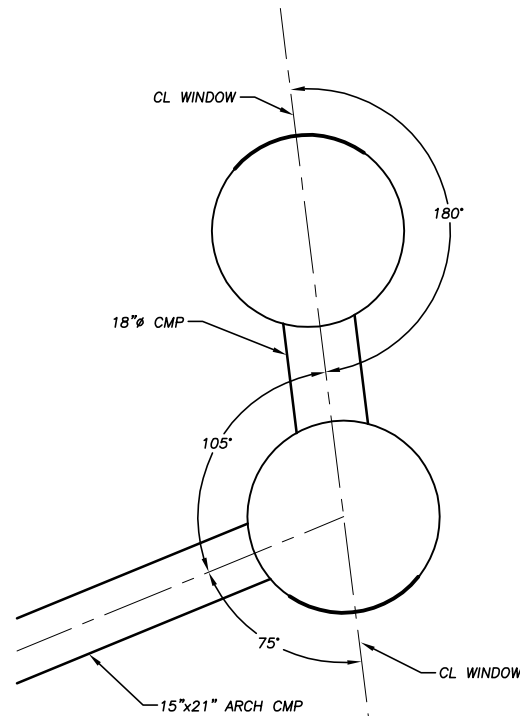
**36"Ø SEDIMENT TRAP
AT 41+82.11 (SHEET P-6)**

NTS



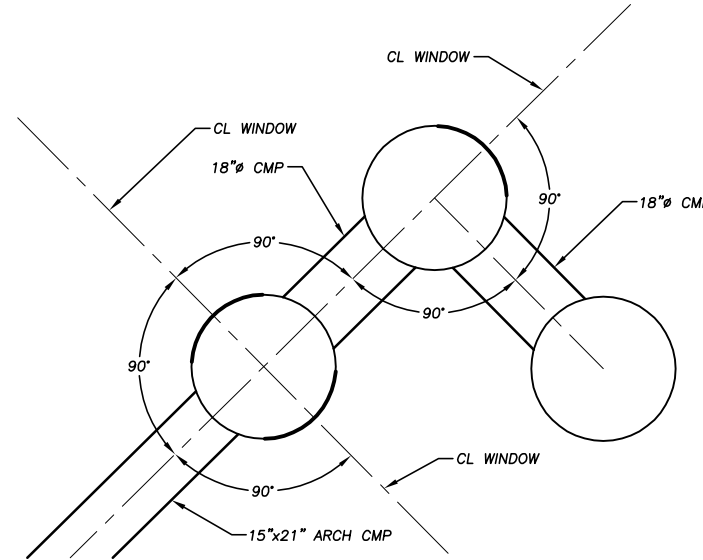
**36"Ø TRIPLE SEDIMENT TRAP
AT 17+83.98 (SHEET P-2)**

NTS



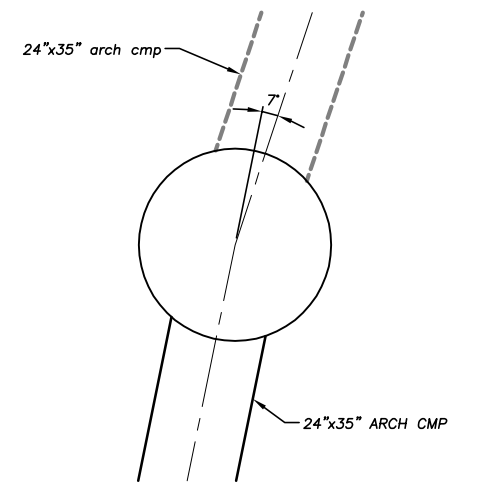
**48"Ø DOUBLE SEDIMENT TRAP
AT 26+91.85 (SHEET P-4)**

NTS



**36"Ø TRIPLE SEDIMENT TRAP
AT 34+77.94 (SHEET P-5)**

NTS




**48"Ø SEDIMENT TRAP
AT 43+42.86 (SHEET P-6)**

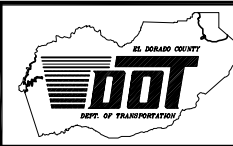
NTS

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF :

 REGISTERED CIVIL ENGINEER
 DATE: 08/15/11

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 DRAWN: ALD
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 ROAD NUMBER: ---

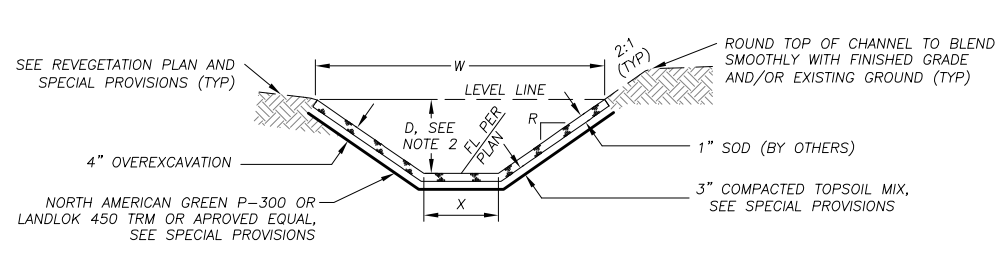


EL DORADO COUNTY
 DEPARTMENT OF TRANSPORTATION

SAWMILL 2A BIKE PATH AND ECP
 SEDIMENT TRAP HORIZONTAL CONTROL

SHEET H-1
 18 OF 28
 CONTRACT NO. PW 10-30557
 CIP NO. 95165

Drawing name: S:\CIVIL 3D PROJECTS\95165\Engineering\MP\AK19-21_SAW2A_DETAILS.DWG
 ORIGINAL SCALE IS IN INCHES
 2 FOR REDUCED PLANS
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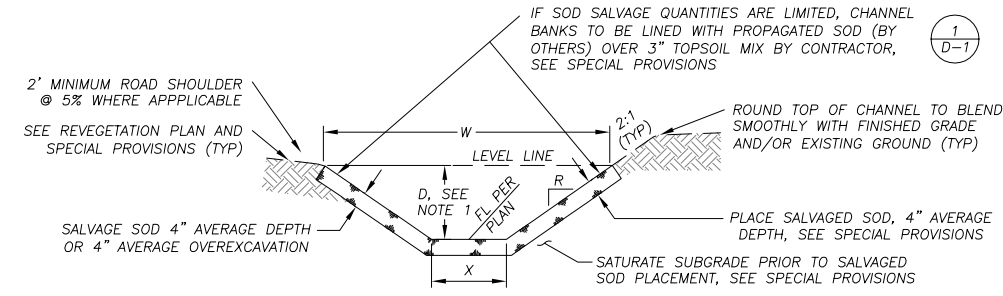


NOTES:

- THIS DETAIL TO BE USED ONLY IF SALVAGED SOD QUANTITIES BECOME LIMITED.
- "D" DEPICTS MIN REQ'D DEPTH OF CHANNEL. FINISHED TOP WIDTH AND SIDE SLOPE HEIGHT MAY VARY DEPENDING ON EXISTING TERRAIN AND THE NEED TO MAINTAIN A 2' SHOULDER AT ROADWAYS. SEE PLANS AND CROSS-SECTION SHEETS FOR GRADING LIMITS.
- SEE SALVAGED SOD DETAIL FOR SLOPE RATIO, "R".
- DIMENSIONS SPECIFIED ARE TO BE MEASURED FROM TOP OF 1" SOD.
- SEE SPECIAL PROVISIONS FOR OVEREXCAVATION, TOPSOIL MIX, AND COMPACTION REQUIREMENTS.

GRASS-LINED SWALE (SOD BY OTHERS)

1
D-1



1
D-1

PLAN SHEET	STATIONING	LF	TOP WIDTH, W	BOTTOM WIDTH, X	DEPTH, D	SLOPE RATIO, R
P-1	12+51.11 TO 13+75.10	142	6.00'	2.00'	1.00'	2:1
P-1, 2	14+41.56 TO 14+72.60	33	6.00'	---	1.00'	3:1

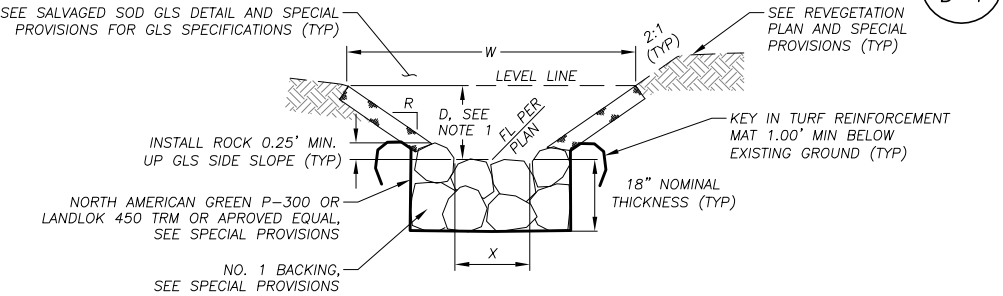
* SEE CROSS-SECTION SHEETS FOR VARIABLE WIDTHS AND SLOPE RATIOS.

NOTES:

- "D" DEPICTS MIN REQ'D DEPTH OF CHANNEL. FINISHED TOP WIDTH AND SIDE SLOPE HEIGHT MAY VARY DEPENDING ON EXISTING TERRAIN AND THE NEED TO MAINTAIN A 2' SHOULDER AT ROADWAYS. SEE PLANS AND CROSS-SECTION SHEETS FOR GRADING LIMITS.
- DIMENSIONS SPECIFIED ARE TO BE MEASURED FROM TOP OF SALVAGED SOD SOIL CLUMP.
- SEE SPECIAL PROVISIONS FOR OVEREXCAVATION, SUBGRADE, AND COMPACTION REQUIREMENTS.

SALVAGED SOD GRASS-LINED SWALE

2
D-1



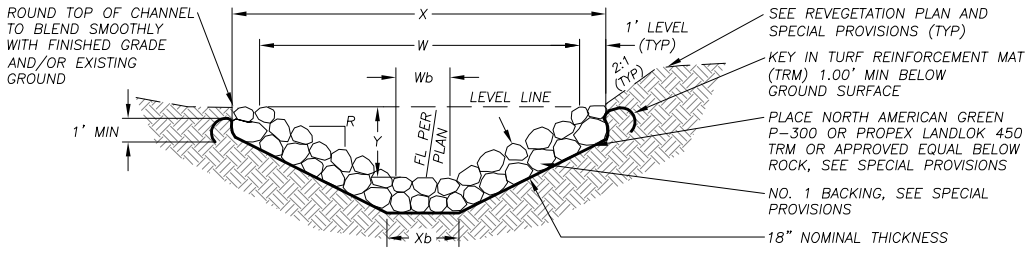
PLAN SHEET	STATIONING	LF	TOP WIDTH, W	BOTTOM WIDTH, X	DEPTH, D	SLOPE RATIO, R
P-4	1+34.50 TO 1+42.50	8	8.00' TO 10.00'	2.00'	2.00'	1.5:1 TO 2:1
P-5	0+74.69 TO 1+13.08	39	6.00'	1.00'	1.67'	1.5:1
P-6	2+51.12 TO 2+61.12	10	10.00'	4.00'	1.50'	2:1

NOTES:

- "D" DEPICTS MIN REQ'D DEPTH OF CHANNEL. FINISHED TOP WIDTH AND SIDE SLOPE HEIGHT MAY VARY DEPENDING ON EXISTING TERRAIN AND THE NEED TO MAINTAIN A 2' SHOULDER AT ROADWAYS. SEE PLANS AND CROSS-SECTION SHEETS FOR GRADING LIMITS.
- DIMENSIONS SPECIFIED ARE TO BE MEASURED FROM TOP FS OF ROCK.
- SEE SPECIAL PROVISIONS FOR OVEREXCAVATION, TOPSOIL MIX, AND COMPACTION REQUIREMENTS.

MODIFIED GRASS-LINED SWALE

3
D-1



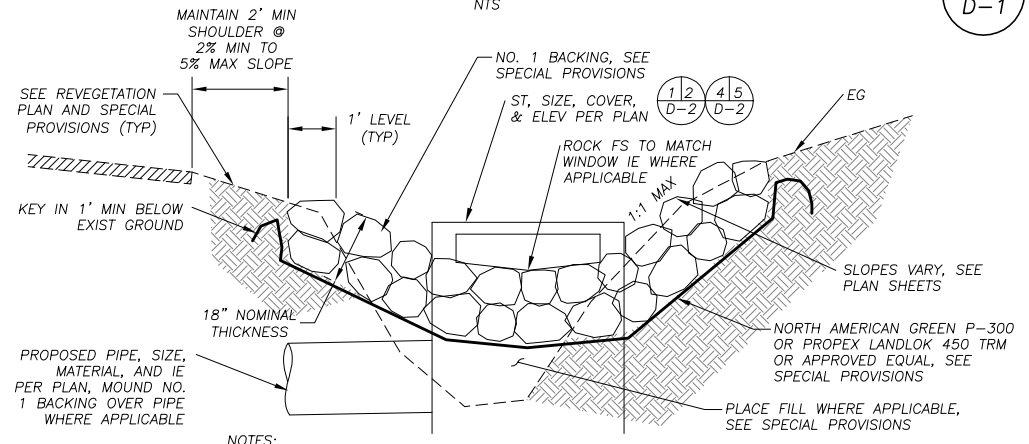
PLAN SHEET	STATIONING	LF	TOP WIDTH, X (EXCAVATION)	TOP WIDTH, W (ROCK FS)	BOTTOM WIDTH, Xb (EXCAVATION)	BOTTOM WIDTH, Wb (ROCK FS)	DEPTH, Y	SLOPE RATIO, R
P-2, 3	16+21.19 TO 19+74.25	355	6.50'	4.50'	2.74'	1.50'	1.50'	1:1
P-2	17+82.80 TO 17+83.69	15	6.50'	4.50'	2.74'	1.50'	1.50'	1:1
P-3	19+74.25 TO 21+71.45	198	6.50'	4.50'	---	---	1.50'	1.5:1
P-4	23+14.95 TO 26+81.25	374	6.50'	4.50'	2.74'	1.50'	1.50'	1:1
P-4	24+96.82 TO 25+00.71	18	6.50'	4.50'	2.74'	1.50'	1.50'	1:1
P-5	34+28.21 TO 34+97.83	62	6.50'	4.50'	2.74'	1.50'	1.50'	1:1

NOTES:

- "Y" DEPICTS MIN REQ'D DEPTH OF CHANNEL. FINISHED TOP WIDTH AND SIDE SLOPE HEIGHT MAY VARY DEPENDING ON EXISTING TERRAIN AND THE NEED TO MAINTAIN A 2' SHOULDER AT ROADWAYS. SEE PLANS AND CROSS-SECTION SHEETS FOR GRADING LIMITS.
- SEE SPECIAL PROVISIONS FOR SUBGRADE COMPACTION REQUIREMENTS.

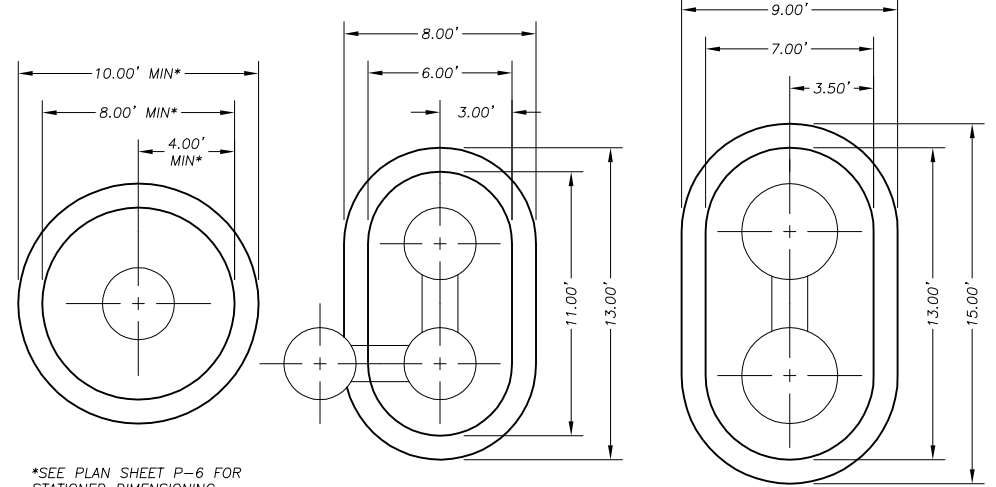
ROCK-LINED CHANNEL

4
D-1



NOTES:

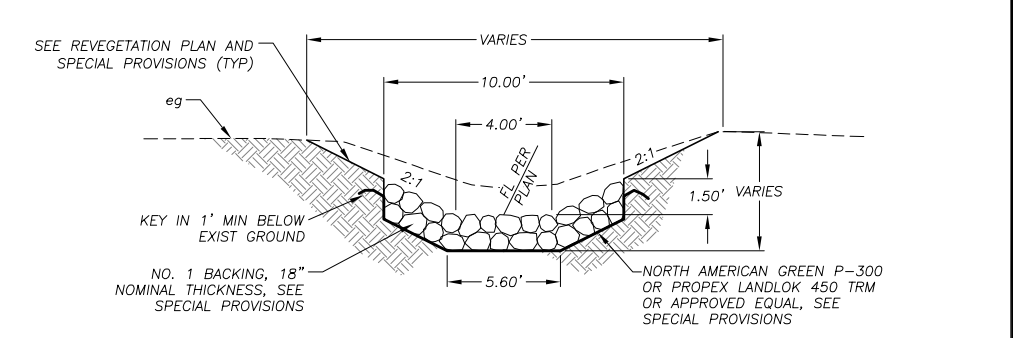
- SEE SPECIAL PROVISIONS FOR SUBGRADE COMPACTION REQUIREMENTS.
- FOR ST WITH GRATE, ROCK FS TO MATCH RIM ELEVATION.



*SEE PLAN SHEET P-6 FOR STATIONED DIMENSIONING

ROCK BOWLS @ SEDIMENT TRAPS

5
D-1

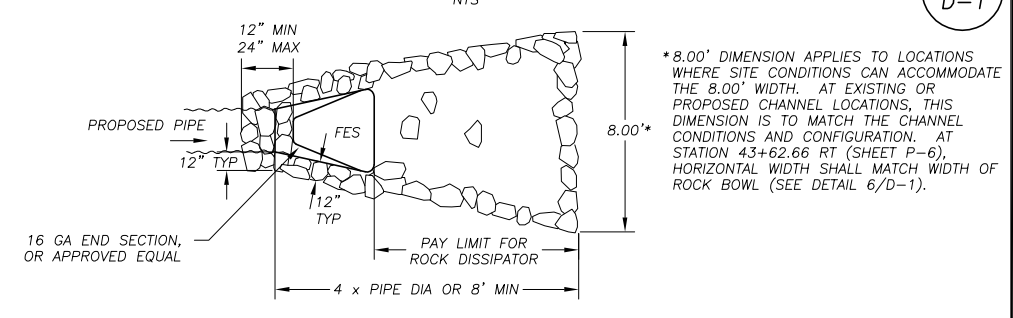


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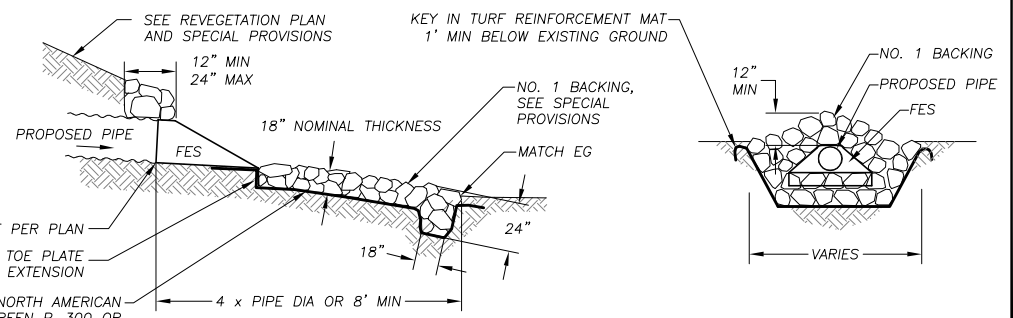
SEE SPECIAL PROVISIONS FOR SUBGRADE COMPACTION REQUIREMENTS.

ROCK BOWL @ STA 43+65± RT

6
D-1



*8.00' DIMENSION APPLIES TO LOCATIONS WHERE SITE CONDITIONS CAN ACCOMMODATE THE 8.00' WIDTH. AT EXISTING OR PROPOSED CHANNEL LOCATIONS, THIS DIMENSION IS TO MATCH THE CHANNEL CONDITIONS AND CONFIGURATION. AT STATION 43+62.66 RT (SHEET P-6), HORIZONTAL WIDTH SHALL MATCH WIDTH OF ROCK BOWL (SEE DETAIL 6/D-1).

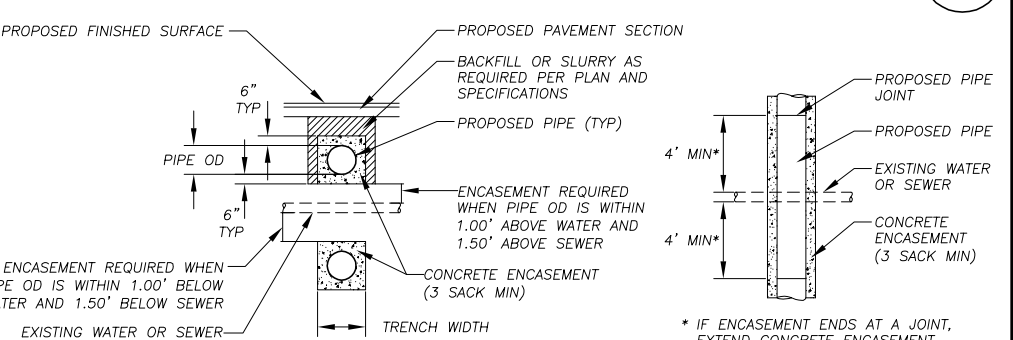


NOTES:

- ALL FES SHALL BE GALVANIZED.
- SEE SPECIAL PROVISIONS FOR SUBGRADE COMPACTION REQUIREMENTS.

FLARED END SECTION AND ROCK DISSIPATOR

7
D-1



NOTE:

SEE SPECIAL PROVISIONS FOR CONCRETE REQUIREMENTS.

CONCRETE ENCASEMENT

8
D-1

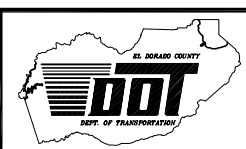
REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:

 REGISTERED CIVIL ENGINEER
 DATE: 08/15/11

DESIGNED: ALD
 DRAWN: ALD
 CHECKED: DSP
 DATE: 08/2011
 ROAD NUMBER: ---

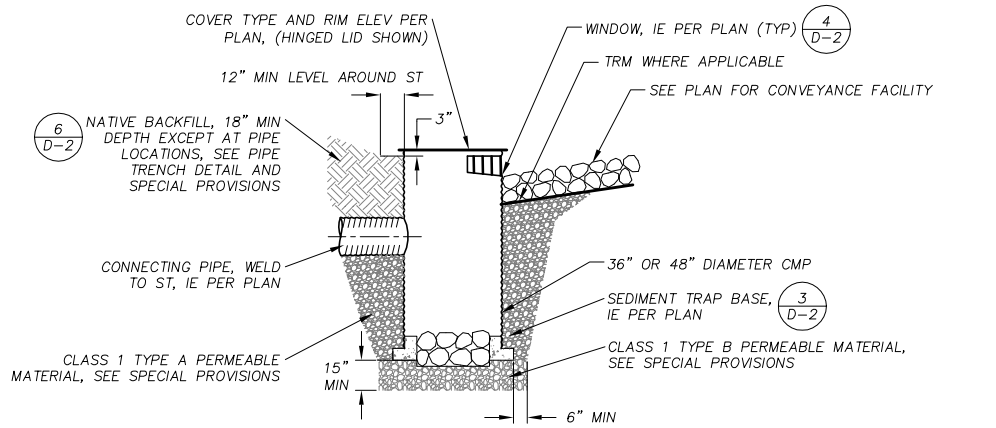


EL DORADO COUNTY
 DEPARTMENT OF TRANSPORTATION

SAWMILL 2A BIKE PATH AND ECP
 DETAIL SHEETS

SHEET
D-1
 19 OF 28
 CONTRACT NO.
PW 10-30557
 CIP NO.
95165

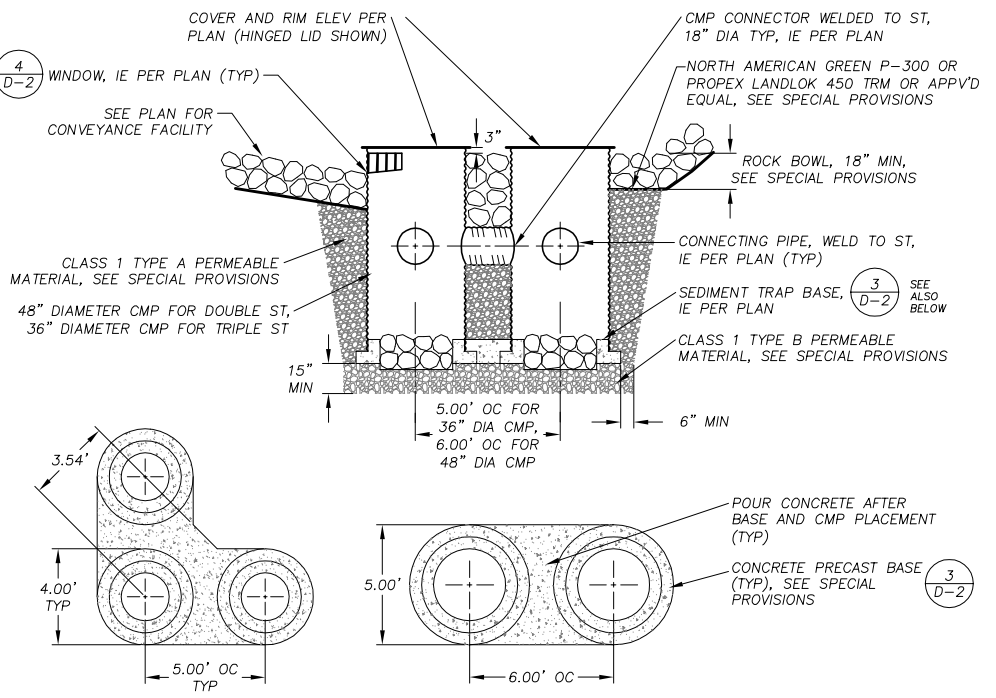
ORIGINAL SCALE IS IN INCHES
FOR REDUCED PLANS



- NOTES:
- SEE REVEGETATION PLAN AND SPECIAL PROVISIONS FOR TREATMENT OF DISTURBED AREAS AROUND SEDIMENT TRAPS.
 - SEE SPECIAL PROVISIONS FOR SUBGRADE AND NATIVE COMPACTION REQUIREMENTS.

SEDIMENT TRAP

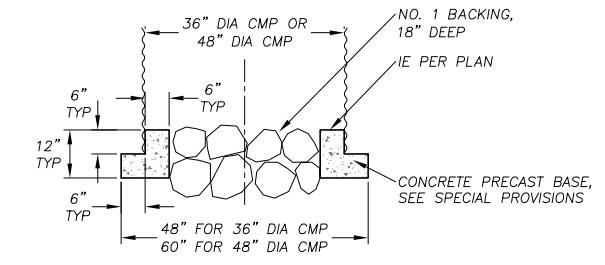
1
D-2



- NOTES:
- SEE REVEGETATION PLAN AND SPECIAL PROVISIONS FOR TREATMENT OF DISTURBED AREAS AROUND SEDIMENT TRAPS.
 - SEE SPECIAL PROVISIONS FOR SUBGRADE AND NATIVE COMPACTION REQUIREMENTS.
 - SEE SPECIAL PROVISIONS FOR CONCRETE MATERIAL.

DOUBLE & TRIPLE SEDIMENT TRAP

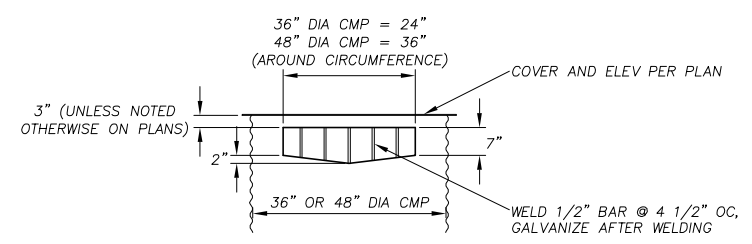
2
D-2



- NOTES:
- SEE SPECIAL PROVISIONS FOR CONCRETE SPECIFICATIONS.
 - SEE SPECIAL PROVISIONS FOR SUBGRADE COMPACTION REQUIREMENTS.

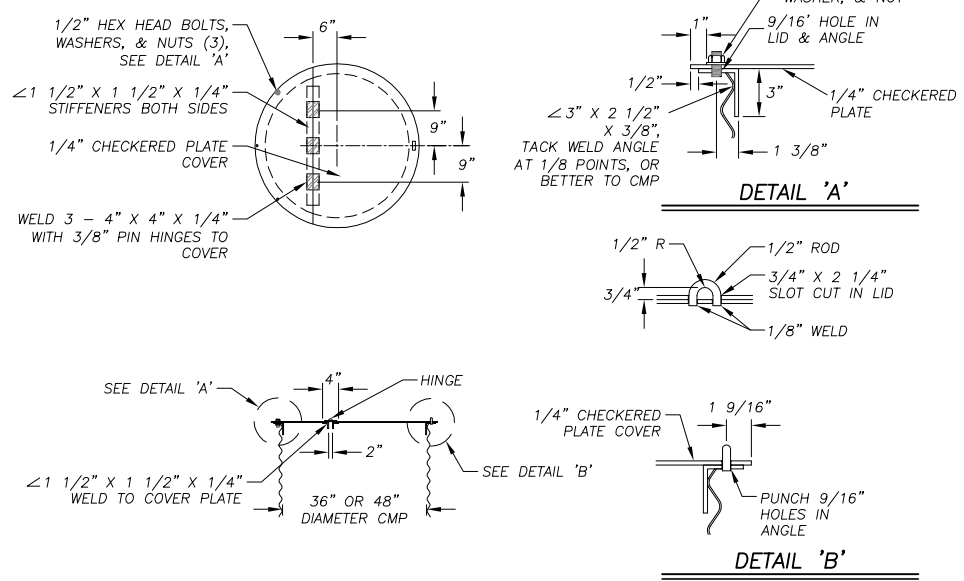
SEDIMENT TRAP BASE

3
D-2



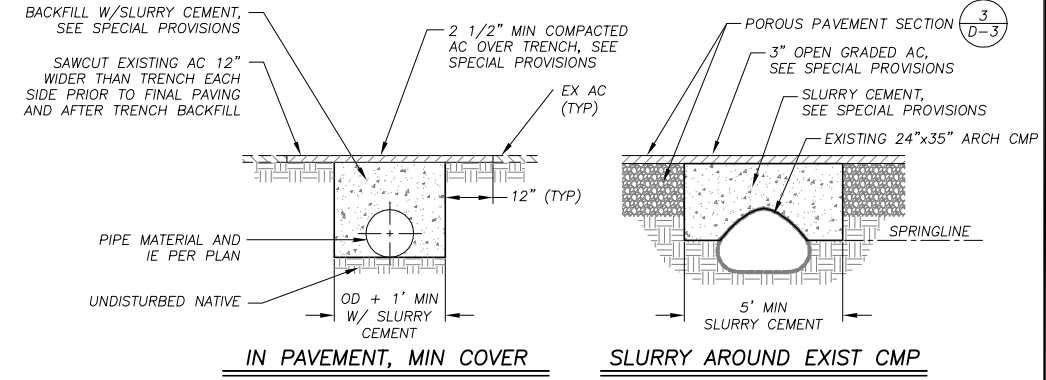
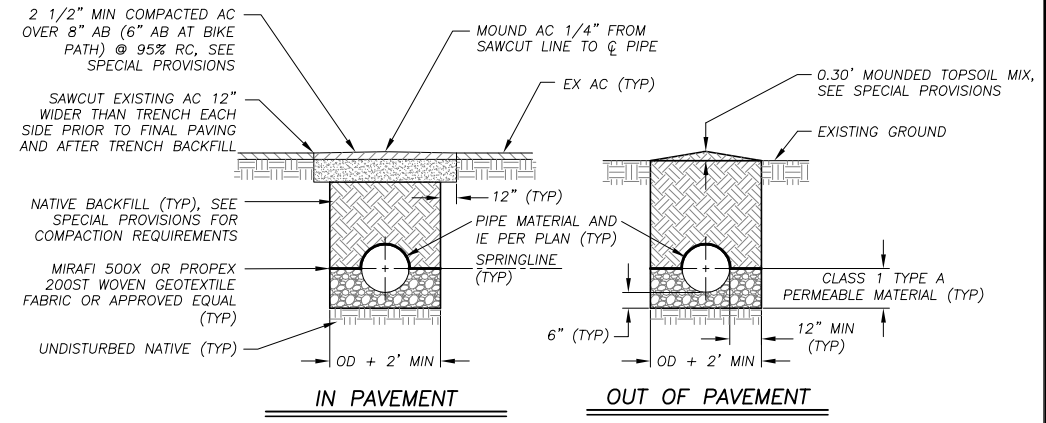
SEDIMENT TRAP WINDOW

4
D-2



HINGED LID

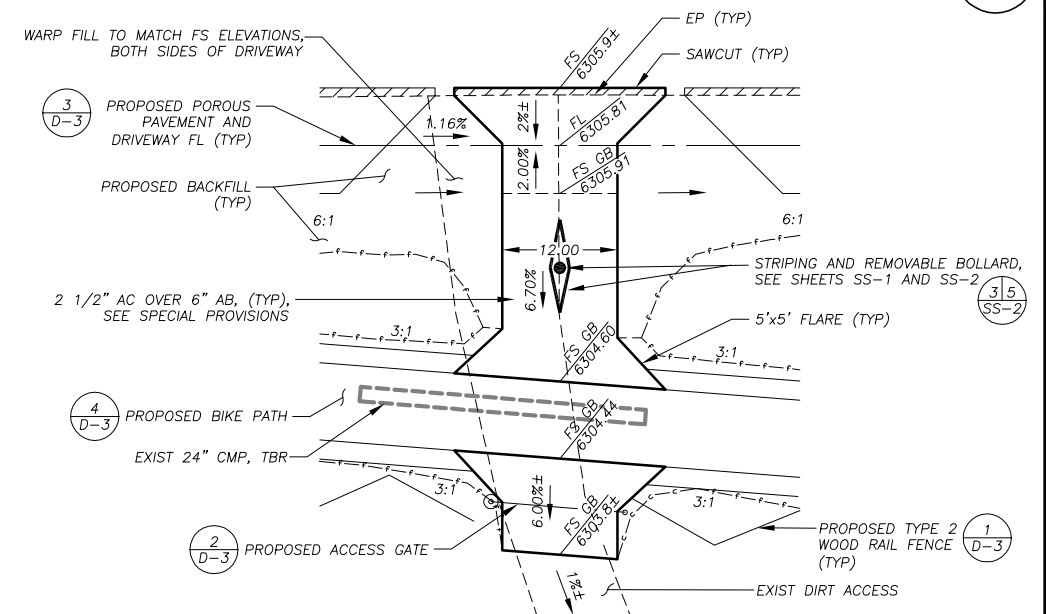
5
D-2



- NOTES:
- SEE SPECIAL PROVISIONS FOR COMPACTION REQUIREMENTS.
 - SEE SPECIAL PROVISIONS FOR LOCATIONS WHERE PIPE TRENCH BACKFILL SHALL BE SLURRY CEMENT.
 - FOR REMOVAL OF EXISTING PIPE IN PAVEMENT, CONTRACTOR SHALL SAWCUT THE EXISTING AC PAVEMENT 12" WIDER THAN THE TRENCH ON EACH SIDE AND EXCAVATE AS REQUIRED TO ACCOMMODATE THE NEW PAVEMENT SECTION, SEE SPECIAL PROVISIONS.

PIPE TRENCH

6
D-2



AC DRIVEWAY

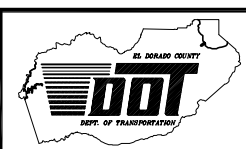
7
D-2

REVISION	NUMBER	DATE	DESCRIPTION	BY



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[Signature]
REGISTERED CIVIL ENGINEER
DATE: 08/15/11

DESIGNED: ALD
DRAWN: ALD
CHECKED: DSP
DATE: 08/2011
ROAD NUMBER: ---



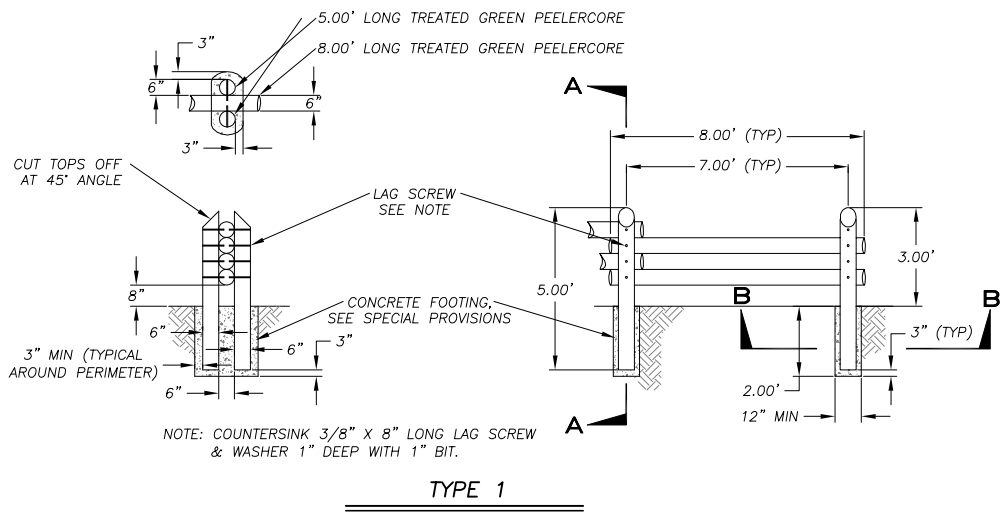
EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION

SAWMILL 2A BIKE PATH AND ECP
DETAIL SHEETS

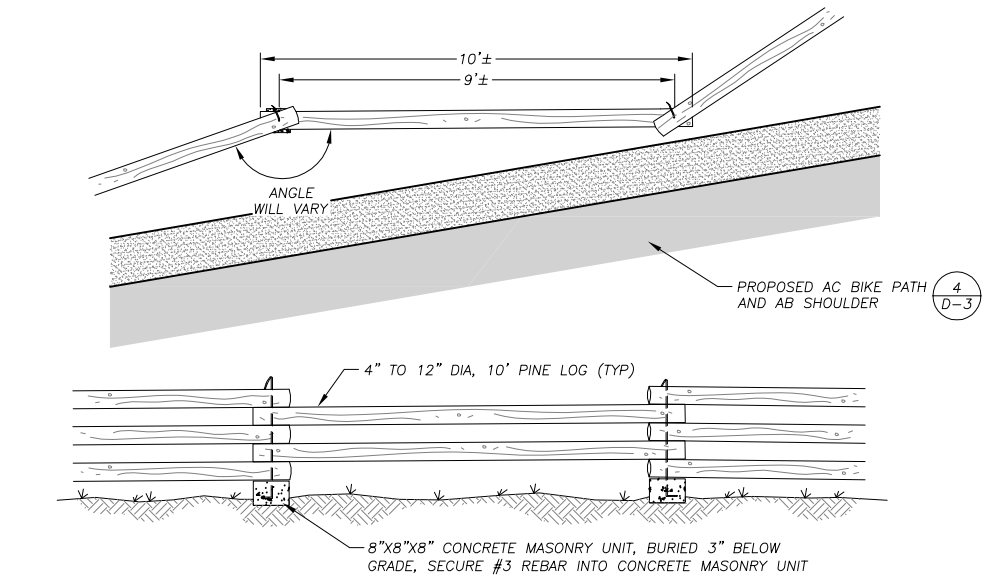
SHEET
D-2
20 OF 28
CONTRACT NO.
PW 10-30557
CIP NO.
95165

Drawing name: S:\CIVIL 3D PROJECTS\95655\Engineering\WPLAN19-21_SAW2A_DETAILS.DWG

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES

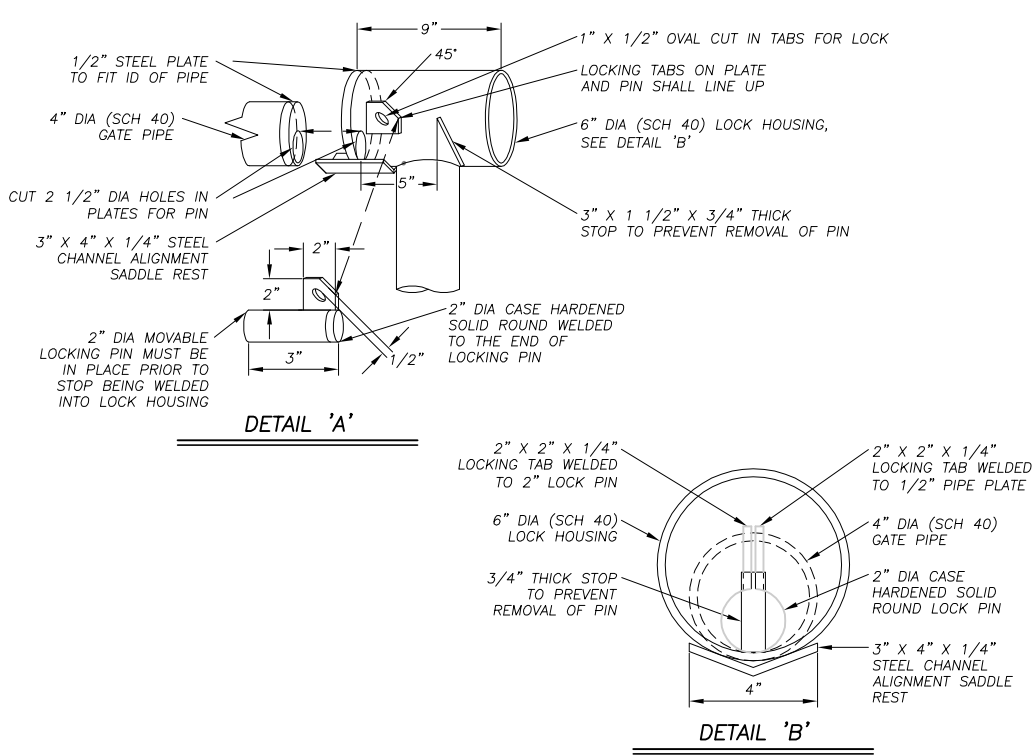


TYPE 1



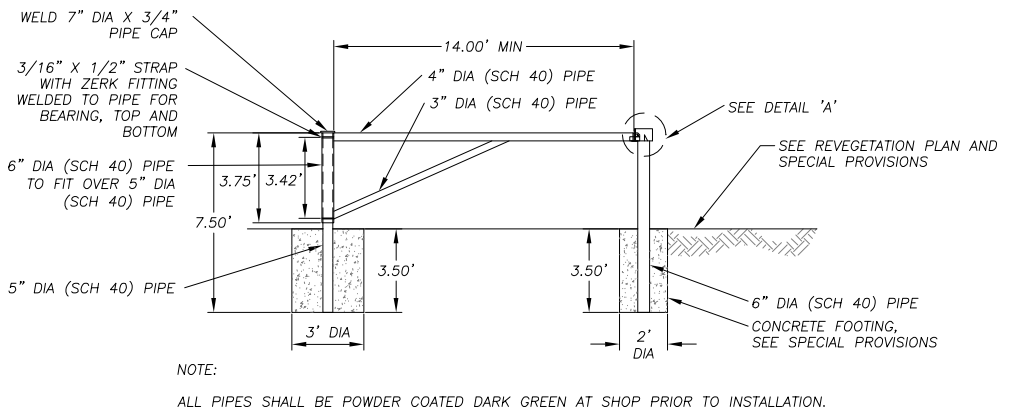
TYPE 2

WOOD RAIL FENCE

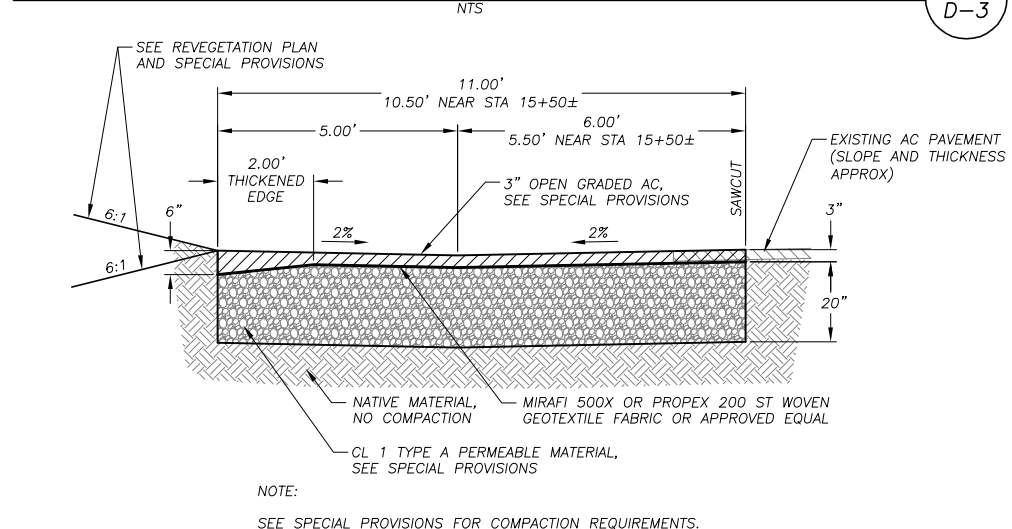


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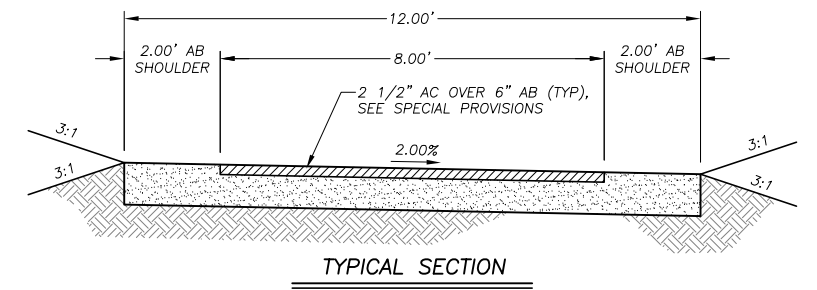
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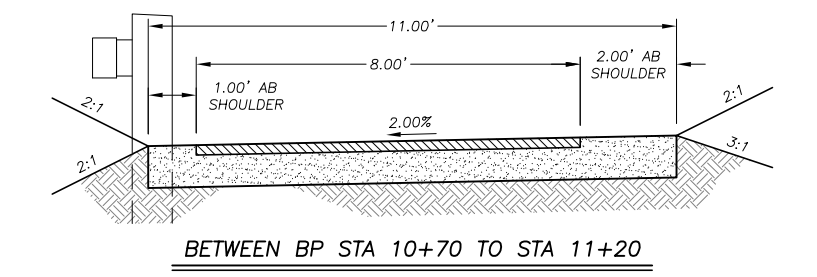
ACCESS GATE



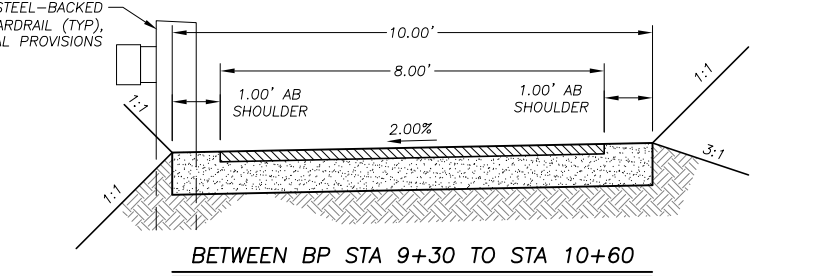
POROUS PAVEMENT



TYPICAL SECTION



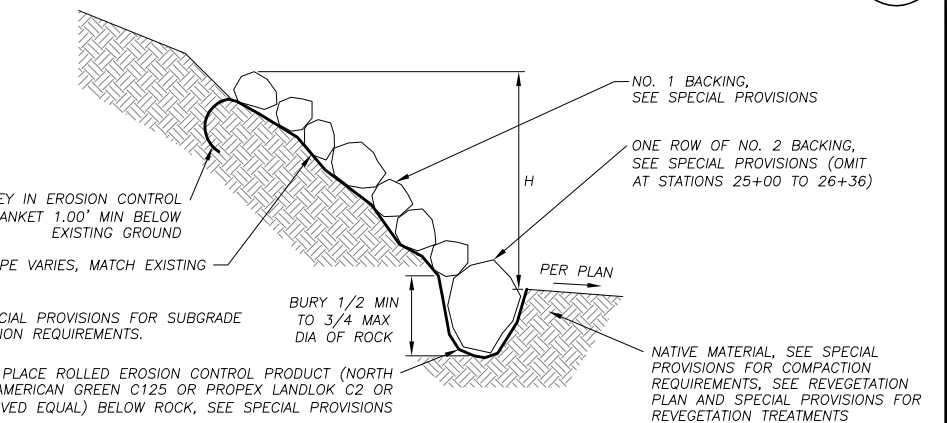
BETWEEN BP STA 10+70 TO STA 11+20



BETWEEN BP STA 9+30 TO STA 10+60

NOTE:
SEE SPECIAL PROVISIONS FOR COMPACTION REQUIREMENTS.

BIKE PATH TYPICAL SECTIONS



ROCK SLOPE PROTECTION

PLAN SHEET	STATIONING	AVERAGE HEIGHT, H	MAXIMUM HEIGHT, H	SLOPE RATIO, R
P-3	22+38 TO 22+97	2.00'	2.70'	4:1 TO 6:1
P-4	25+00 TO 27+21	2.00'	2.20'	2.5:1 TO 5:1
P-5	30+96 TO 31+21	2.20'	2.60'	2.5:1 TO 3:1
P-5	31+26 TO 31+42	2.00'	2.30'	3:1
P-5	31+47 TO 31+63	2.50'	3.50'	2.5:1
P-5	31+74 TO 33+70	2.20'	3.00'	2:1 TO 2.5:1

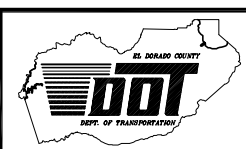
ROCK SLOPE PROTECTION

REVISION	NUMBER	DATE	DESCRIPTION	BY



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[Signature]
REGISTERED CIVIL ENGINEER
DATE: 08/15/11

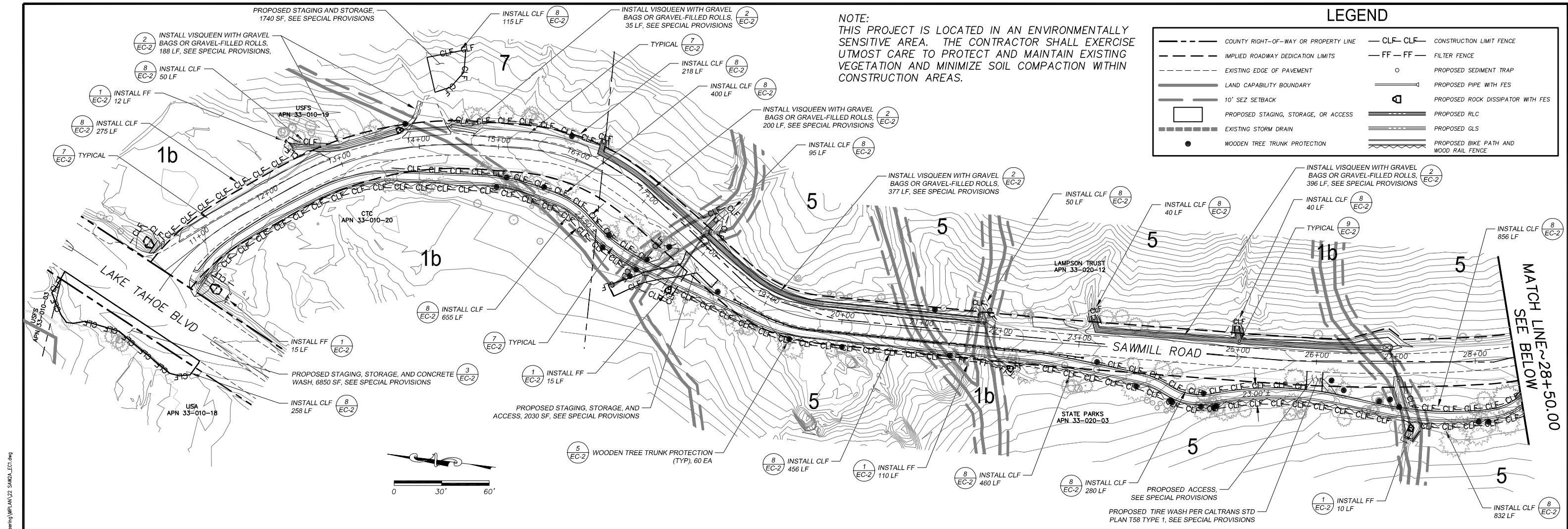
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DRAWN: ALD
CHECKED: DSP
DATE: 08/2011
ROAD NUMBER: ---



EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION

SAWMILL 2A BIKE PATH AND ECP
DETAIL SHEETS

SHEET
D-3
21 OF 28
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CIP NO.
95165

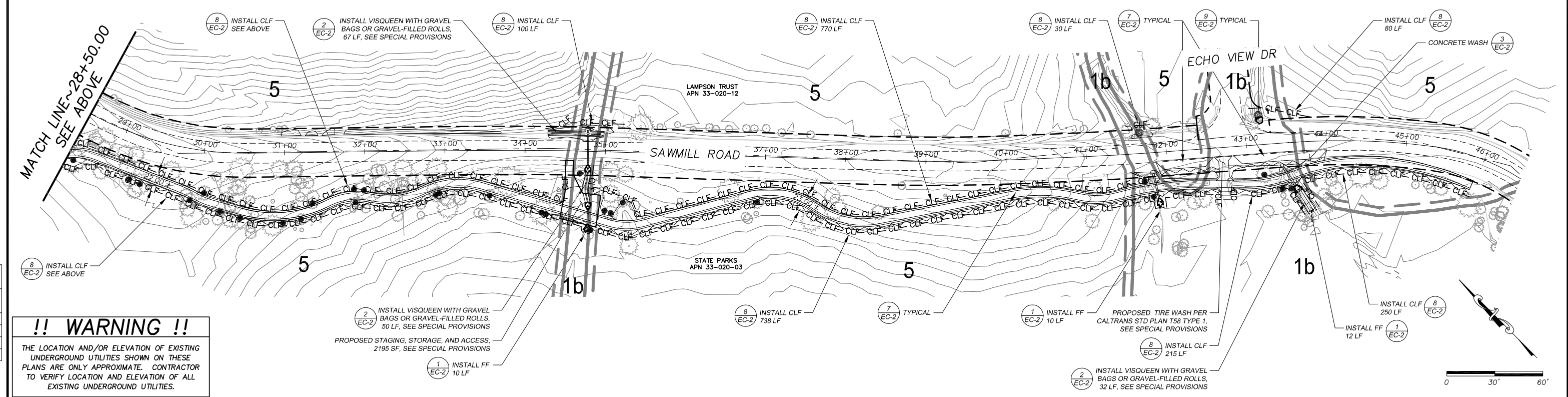


NOTE:
THIS PROJECT IS LOCATED IN AN ENVIRONMENTALLY SENSITIVE AREA. THE CONTRACTOR SHALL EXERCISE UTMOST CARE TO PROTECT AND MAINTAIN EXISTING VEGETATION AND MINIMIZE SOIL COMPACTION WITHIN CONSTRUCTION AREAS.

LEGEND

--- COUNTY RIGHT-OF-WAY OR PROPERTY LINE	CLF CLF CONSTRUCTION LIMIT FENCE
--- IMPLIED ROADWAY DEDICATION LIMITS	FF FF FILTER FENCE
--- EXISTING EDGE OF PAVEMENT	○ PROPOSED SEDIMENT TRAP
--- LAND CAPABILITY BOUNDARY	□ PROPOSED PIPE WITH FES
--- 10' SEZ SETBACK	▣ PROPOSED ROCK DISSIPATOR WITH FES
□ PROPOSED STAGING, STORAGE, OR ACCESS	▬ PROPOSED RLC
--- EXISTING STORM DRAIN	▬ PROPOSED GLS
● WOODEN TREE TRUNK PROTECTION	▬ PROPOSED BIKE PATH AND WOOD RAIL FENCE

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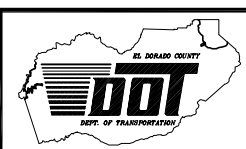
!! WARNING !!
THE LOCATION AND/OR ELEVATION OF EXISTING UNDERGROUND UTILITIES SHOWN ON THESE PLANS ARE ONLY APPROXIMATE. CONTRACTOR TO VERIFY LOCATION AND ELEVATION OF ALL EXISTING UNDERGROUND UTILITIES.

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
[Signature]
REGISTERED CIVIL ENGINEER
DATE: 08/15/11

DESIGNED: ALD
DRAWN: ALD
CHECKED: DSP
DATE: 08/2011
ROAD NUMBER: ---

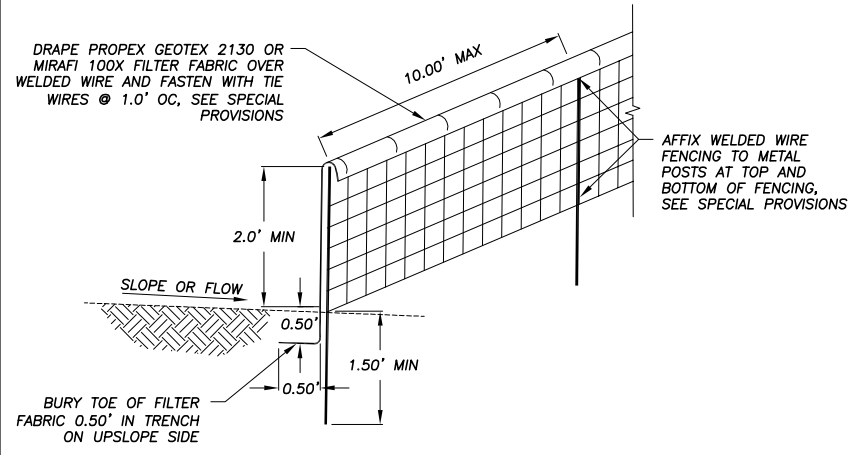


EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION

SAWMILL 2A BIKE PATH AND ECP
TEMPORARY EROSION CONTROL
STA 10+00.00 TO STA 46+00.00

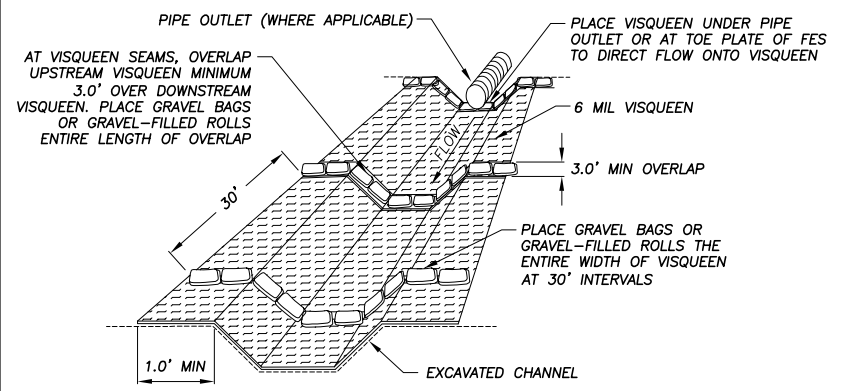
SHEET
EC-1
22 OF 28
CONTRACT NO.
PW 10-30557
CIP NO.
95165

ORIGINAL SCALE IS IN INCHES
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 FOR REDUCED PLANS
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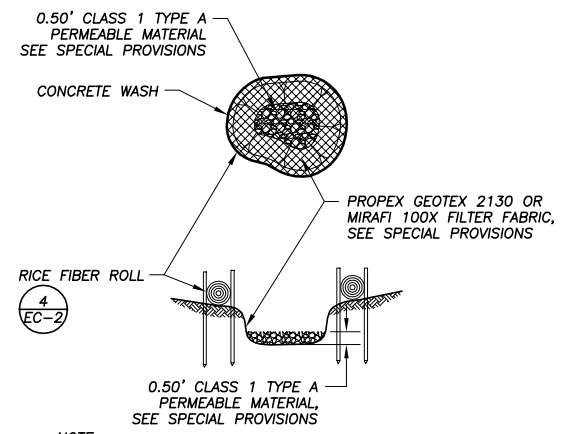
- NOTES:
- CONTRACTOR MAY USE PRE MANUFACTURED SEDIMENT CONTROL FENCE AS APPROVED BY THE ENGINEER, SEE SPECIAL PROVISIONS.
 - PLACE FENCING SUCH THAT STORM RUNOFF CANNOT PASS AROUND OR UNDER FENCE.

FILTER FENCE (FF)
NTS
1
EC-2



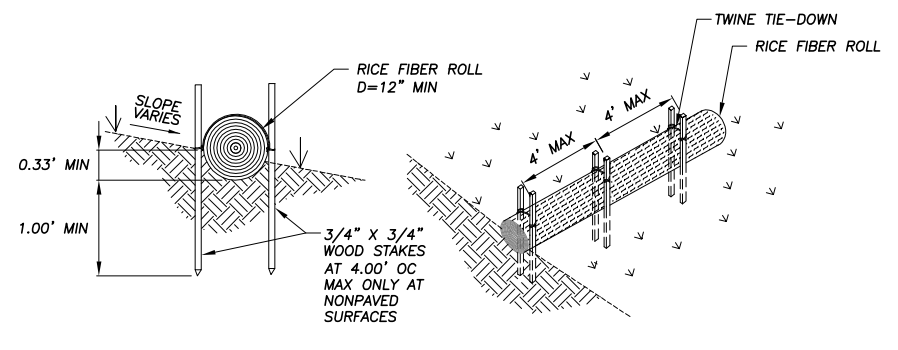
VISQUEEN WITH GRAVEL BAGS OR GRAVEL-FILLED ROLLS
NTS
2
EC-2

- GENERAL NOTES:
- SEE SPECIAL PROVISIONS FOR SPECIFICATIONS REGARDING FILTER FABRIC, WEIGHTED FIBER ROLLS, GRAVEL BAGS, VISQUEEN, GRAVEL-FILLED ROLLS, RICE FIBER ROLLS, AND FENCE POSTS.
 - SPACING INTERVALS FOR RICE FIBER ROLL OVER PIPE OUT OF PAVEMENT AND C&G SEDIMENT CONTROL SHALL BE AT 50' OC FOR SLOPES GREATER THAN 5% AND AT 100' OC FOR SLOPES LESS THAN OR EQUAL TO 5%.
 - LOCATIONS AND LF OF FILTER FENCE REQUIRED FOR THE STAGING AREAS ARE NOT SHOWN. THE CONTRACTOR IS TO INCLUDE THESE AREAS IN HIS TEMPORARY EROSION CONTROL PLAN SUBMITTAL.
 - LENGTHS OF FILTER FENCE AND CONSTRUCTION LIMIT FENCE DOES NOT INCLUDE MINIMUM LIMITS FOR TREE PROTECTION. TREE PROTECTION FENCING TO BE PER DETAIL THIS SHEET AND/OR AS DETERMINED IN THE FIELD.



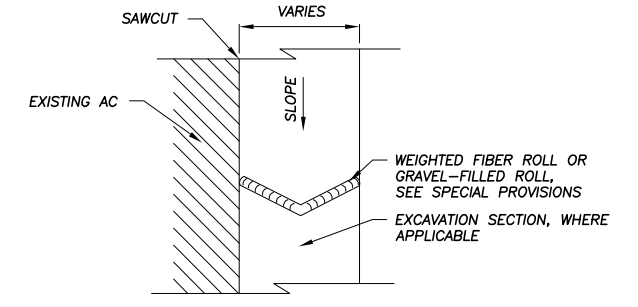
NOTE:
CONCRETE WASH SHALL BE SIZED FOR WASHING ALL CONCRETE EQUIPMENT WITHOUT OVERTOPPING BASIN.

TYPICAL CONCRETE WASH AREA
NTS
3
EC-2



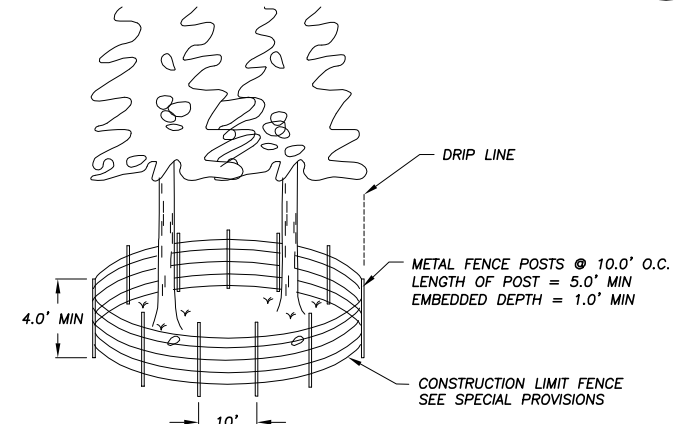
NOTE:
INSTALL RICE FIBER ROLL LEVEL ALONG CONTOUR.

TYPICAL RICE FIBER ROLL INSTALLATION
NTS
4
EC-2



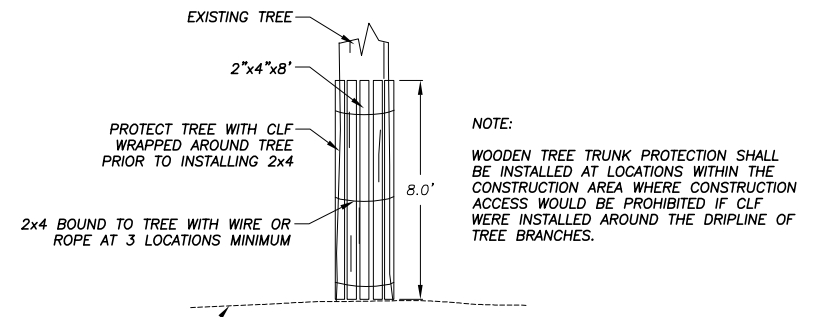
NOTE:
SPACING INTERVALS FOR WEIGHTED FIBER ROLL OR GRAVEL-FILLED ROLL TEMPORARY SEDIMENT CONTROL ON GRADE SHALL BE AT 50' OC FOR SLOPES GREATER THAN 5% AND AT 100' OC FOR SLOPES LESS THAN OR EQUAL TO 5%.

WEIGHTED FIBER ROLLS OR GRAVEL-FILLED ROLLS
NTS
7
EC-2



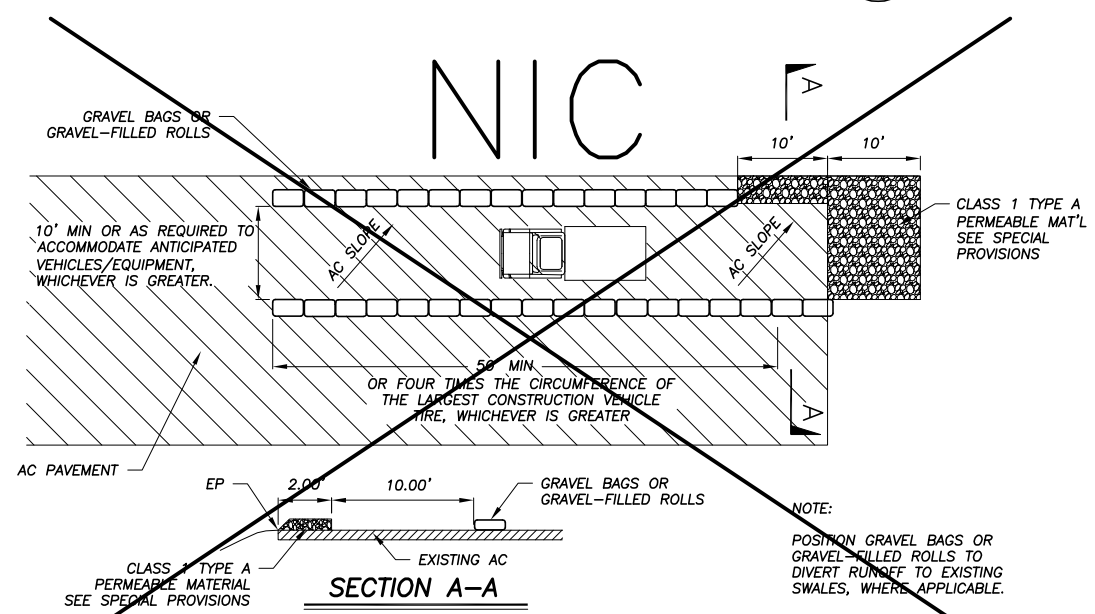
NOTE:
DETAIL ABOVE IS TYPICAL FOR SOME DRIPLINE LOCATIONS. CONSTRUCTION LIMIT FENCE SHALL BE STAKED IN THE FIELD BY ENGINEER.

CONSTRUCTION LIMIT FENCE (CLF)
NTS
8
EC-2



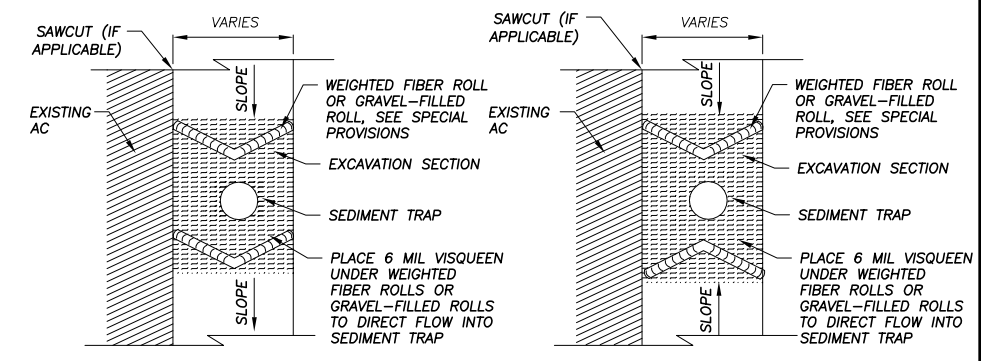
NOTE:
WOODEN TREE TRUNK PROTECTION SHALL BE INSTALLED AT LOCATIONS WITHIN THE CONSTRUCTION AREA WHERE CONSTRUCTION ACCESS WOULD BE PROHIBITED IF CLF WERE INSTALLED AROUND THE DRIPLINE OF TREE BRANCHES.

WOODEN TREE TRUNK PROTECTION
NTS
5
EC-2



NOTE:
POSITION GRAVEL BAGS OR GRAVEL-FILLED ROLLS TO DIVERT RUNOFF TO EXISTING SWALES, WHERE APPLICABLE.


TYPICAL TIRE WASH AREA
NTS
6
EC-2



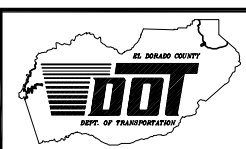
SEDIMENT TRAP INLET PROTECTION
NTS
9
EC-2

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:

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 DATE: 08/15/11

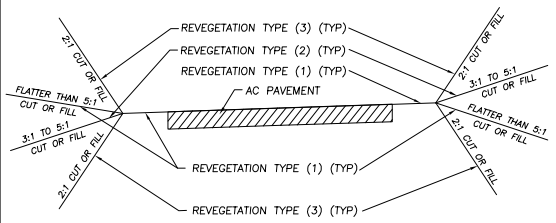
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 DRAWN: ALD
 CHECKED: DSP
 DATE: 08/2011
 ROAD NUMBER: ---



EL DORADO COUNTY
 DEPARTMENT OF TRANSPORTATION

SAWMILL 2A BIKE PATH AND ECP
 TEMPORARY EROSION CONTROL DETAILS

SHEET
EC-2
 23 OF 28
 CONTRACT NO.
PW 10-30557
 CIP NO.
95165



TYPICAL ROADWAY REVEGETATION

NTS

DEFINITIONS

AMENDMENT - BIOSOL @600 LBS./ACRE (OR EQUAL)
 BLANKET SLOPES - CF4 (OR EQUAL)
 MULCH - APPLIED WITH BLOWER EQUIPMENT
 HUMUS - CONTRACTOR SHALL APPLY HUMUS WITH BLOWER EQUIPMENT PER SPECIAL PROVISIONS
 TOPSOIL MIX - CONTRACTOR SHALL BLEND SOIL SALVAGED FROM EXCAVATED AREAS (3 PARTS) WITH HUMUS (1 PART). SEE SPECIAL PROVISIONS.
 TACKIFIER - CONTRACTOR SHALL APPLY WOOD-CELLULOSE FIBER MULCH/TACKIFIER OVER AREAS THAT RECEIVE MULCH. SEE SPECIAL PROVISIONS.

REVEGETATION WORK LEGEND

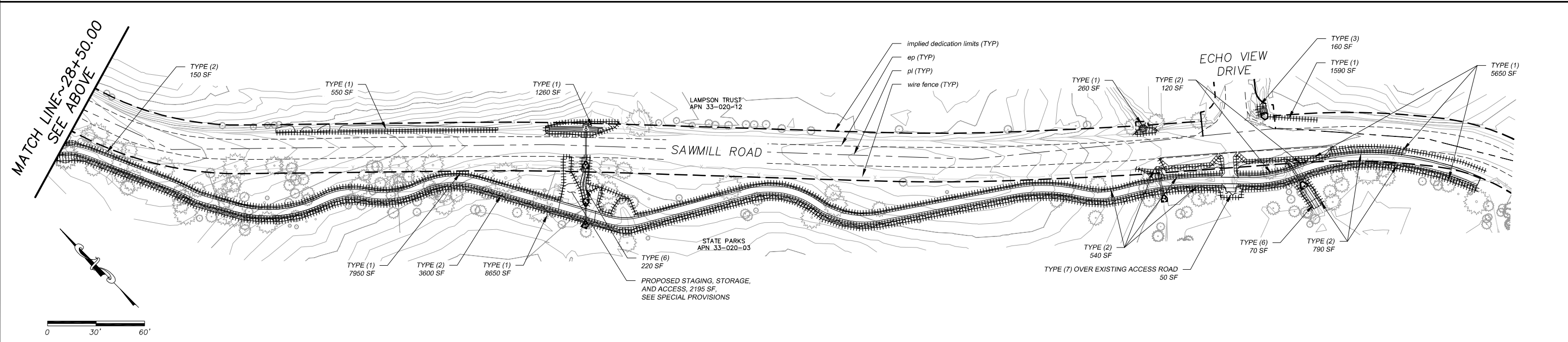
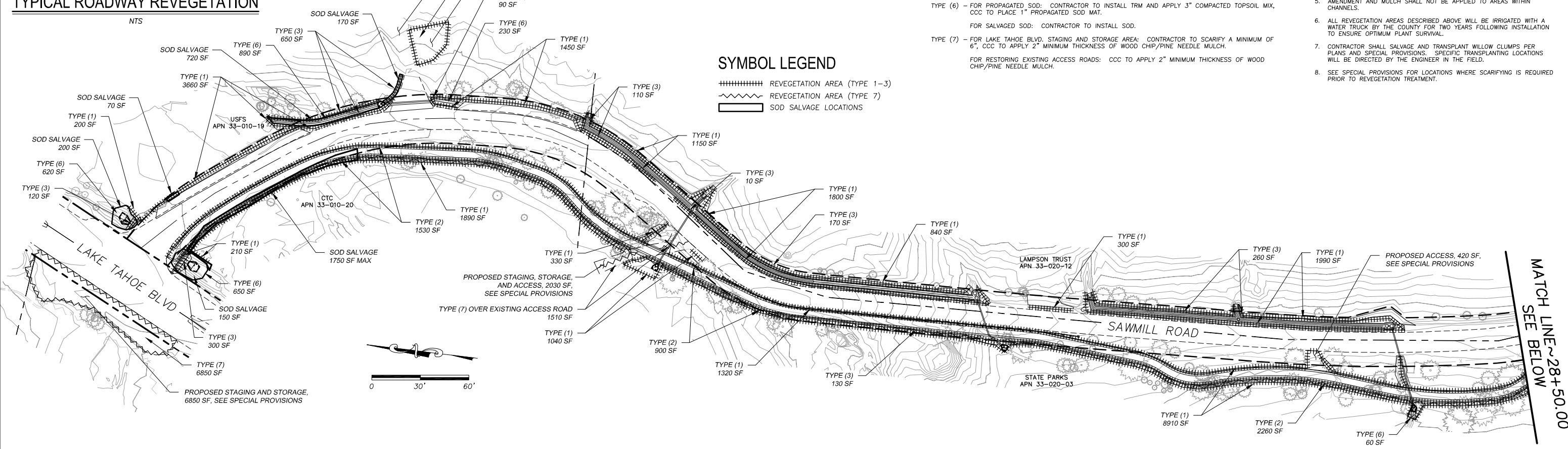
TYPE (1) - CONTRACTOR TO PLACE 2" COMPACTED TOPSOIL MIX, CALIFORNIA CONSERVATION CORPS (CCC) TO ADD SEED AND SOIL AMENDMENT, CONTRACTOR TO APPLY 1" MULCH, CONTRACTOR TO APPLY TACKIFIER. SEE SPECIAL PROVISIONS FOR LOCATIONS WHERE SCARIFYING IS REQUIRED.
 TYPE (2) - CCC TO LOOSEN SOIL ON SLOPE, CONTRACTOR TO APPLY 1" HUMUS, CCC TO MIX HUMUS WITH LOOSENED SOIL AND ADD SEED AND SOIL AMENDMENT, CONTRACTOR TO APPLY 1" MULCH, CONTRACTOR TO APPLY TACKIFIER.
 TYPE (3) - CCC TO LOOSEN SOIL ON SLOPE, CONTRACTOR TO APPLY 1" HUMUS, CCC TO MIX HUMUS WITH LOOSENED SOIL AND ADD SEED, SOIL AMENDMENT, AND BLANKET, CONTRACTOR TO APPLY 1" MULCH, CONTRACTOR TO APPLY TACKIFIER.
 TYPE (4) - N/A
 TYPE (5) - N/A
 TYPE (6) - FOR PROPAGATED SOD: CONTRACTOR TO INSTALL TRM AND APPLY 3" COMPACTED TOPSOIL MIX, CCC TO PLACE 1" PROPAGATED SOD MAT.
 FOR SALVAGED SOD: CONTRACTOR TO INSTALL SOD.
 TYPE (7) - FOR LAKE TAHOE BLVD. STAGING AND STORAGE AREA: CONTRACTOR TO SCARIFY A MINIMUM OF 6", CCC TO APPLY 2" MINIMUM THICKNESS OF WOOD CHIP/PINE NEEDLE MULCH.
 FOR RESTORING EXISTING ACCESS ROADS: CCC TO APPLY 2" MINIMUM THICKNESS OF WOOD CHIP/PINE NEEDLE MULCH.

NOTES

- REVEGETATION TYPE (1) FOR AREAS ADJACENT TO EDGE OF PAVEMENT, ROAD SHOULDERING, DISTURBED AREAS ADJACENT TO IMPROVEMENTS, MISCELLANEOUS GRADING, SLOPES FLATTER THAN 5:1, NEW ACCESS ROADS AND STAGING AREAS, UNLESS NOTED OTHERWISE.
- REVEGETATION TYPE (2) FOR AREAS ASSOCIATED WITH PIPE INSTALLATION, ADJACENT TO SWALES/CHANNELS, AND ON SLOPES EQUAL TO OR FLATTER THAN 3:1, BUT NOT FLATTER THAN 5:1.
- REVEGETATION TYPE (3) FOR AREAS ASSOCIATED WITH PIPE INSTALLATION, ADJACENT TO SWALES/CHANNELS, AND ON SLOPES STEEPER THAN 3:1.
- REVEGETATION TYPE (6) FOR GRASS-LINED SWALES, GRADE TO DRAIN AREA ADJACENT TO SAWMILL POND PARKING ACCESS, AND CLEAR EXISTING CHANNEL LOCATIONS AT 48" CMP NEAR LAKE TAHOE BLVD.
- AMENDMENT AND MULCH SHALL NOT BE APPLIED TO AREAS WITHIN CHANNELS.
- ALL REVEGETATION AREAS DESCRIBED ABOVE WILL BE IRRIGATED WITH A WATER TRUCK BY THE COUNTY FOR TWO YEARS FOLLOWING INSTALLATION TO ENSURE OPTIMUM PLANT SURVIVAL.
- CONTRACTOR SHALL SALVAGE AND TRANSPLANT WILLOW CLUMPS PER PLANS AND SPECIAL PROVISIONS. SPECIFIC TRANSPLANTING LOCATIONS WILL BE DIRECTED BY THE ENGINEER IN THE FIELD.
- SEE SPECIAL PROVISIONS FOR LOCATIONS WHERE SCARIFYING IS REQUIRED PRIOR TO REVEGETATION TREATMENT.

SYMBOL LEGEND

||||| REVEGETATION AREA (TYPE 1-3)
 ~~~~~ REVEGETATION AREA (TYPE 7)  
 □ SOD SALVAGE LOCATIONS



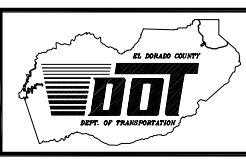
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PREPARED UNDER THE SUPERVISION OF:  
*[Signature]*  
 REGISTERED CIVIL ENGINEER  
 DATE: 08/15/11

DESIGNED: ALD  
 DRAWN: ALD  
 CHECKED: DSP  
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 ROAD NUMBER: ---



EL DORADO COUNTY  
 DEPARTMENT OF TRANSPORTATION

SAWMILL 2A BIKE PATH AND ECP  
 REVEGETATION PLAN  
 STA 10+00.00 TO STA 46+00.00

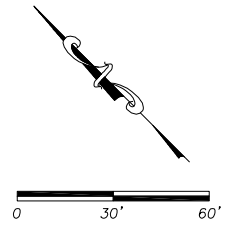
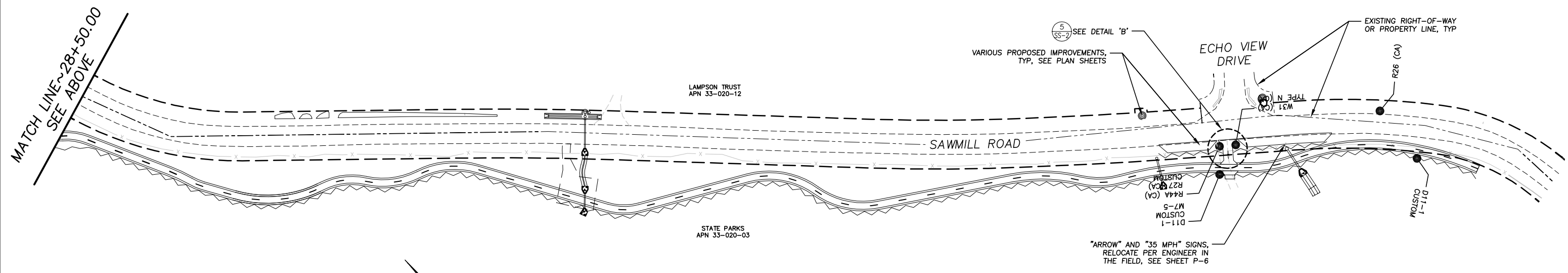
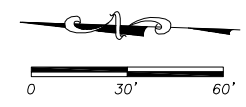
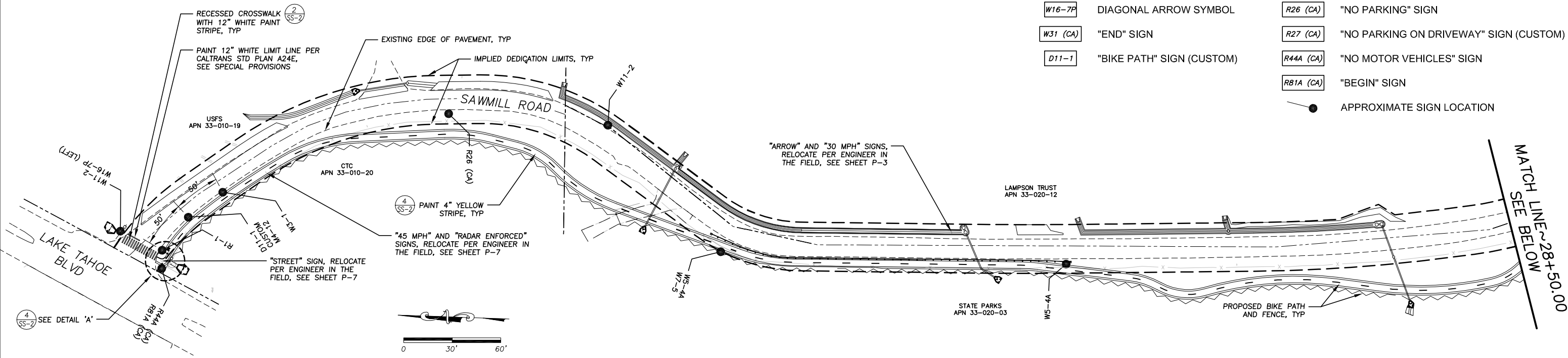
SHEET  
**R-1**  
 24 OF 28  
 CONTRACT NO.  
**PW 10-30557**  
 CIP NO.  
**95165**



**LEGEND**

- W3-1 STOP AHEAD SYMBOL
- W5-4A "BIKEWAY NARROWS" SIGN
- W7-5 HILL SYMBOL
- W11-2 PEDESTRIAN WARNING SYMBOL
- W16-7P DIAGONAL ARROW SYMBOL
- W31 (CA) "END" SIGN
- D11-1 "BIKE PATH" SIGN (CUSTOM)
- M4-12 "END" SIGN
- M7-5 DOUBLE ARROW SYMBOL
- TYPE N (CA) OBJECT MARKER
- R1-1 "STOP" SIGN
- R26 (CA) "NO PARKING" SIGN
- R27 (CA) "NO PARKING ON DRIVEWAY" SIGN (CUSTOM)
- R44A (CA) "NO MOTOR VEHICLES" SIGN
- R81A (CA) "BEGIN" SIGN
- APPROXIMATE SIGN LOCATION

NOTE:  
ALL TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH THE LATEST APPROVED CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).



**!! WARNING !!**  
THE LOCATION AND/OR ELEVATION OF EXISTING UNDERGROUND UTILITIES SHOWN ON THESE PLANS ARE ONLY APPROXIMATE. CONTRACTOR TO VERIFY LOCATION AND ELEVATION OF ALL EXISTING UNDERGROUND UTILITIES.

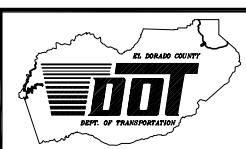
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PREPARED UNDER THE SUPERVISION OF:  
*[Signature]*  
REGISTERED CIVIL ENGINEER  
DATE: 08/15/11

DESIGNED: DSP/ALD  
DRAWN: ALD  
CHECKED: DSP  
DATE: 08/2011  
ROAD NUMBER: ---

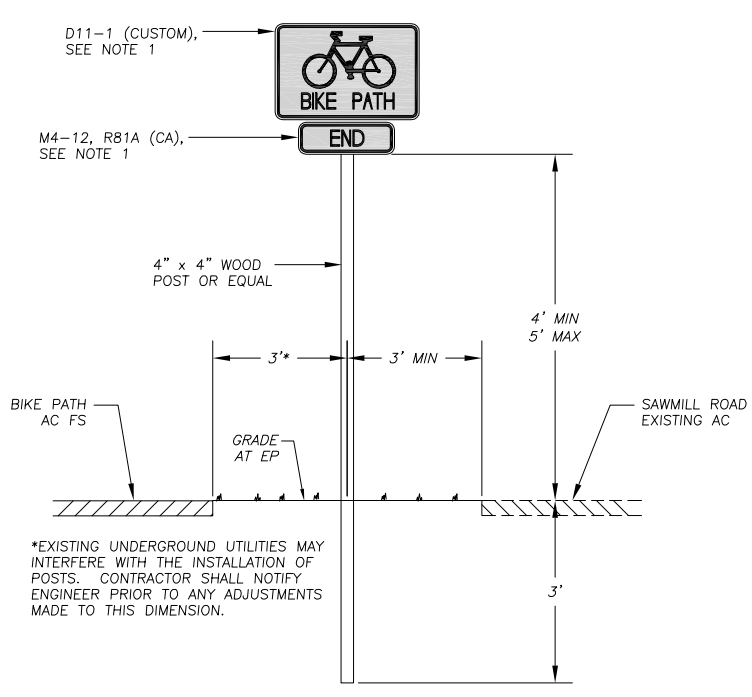


EL DORADO COUNTY  
DEPARTMENT OF TRANSPORTATION

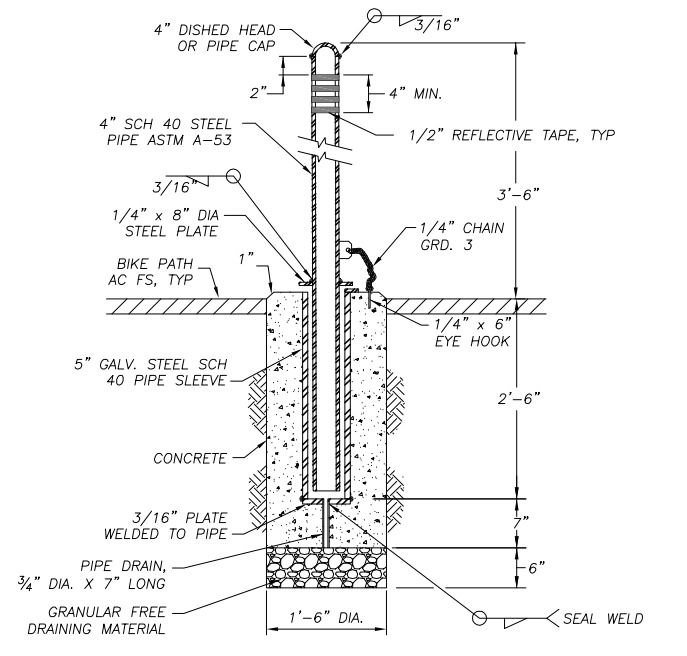
SAWMILL 2A BIKE PATH AND ECP  
STRIPING AND SIGNING PLAN

SHEET  
SS-1  
25 OF 28  
CONTRACT NO.  
PW 10-30557  
CIP NO.  
95165

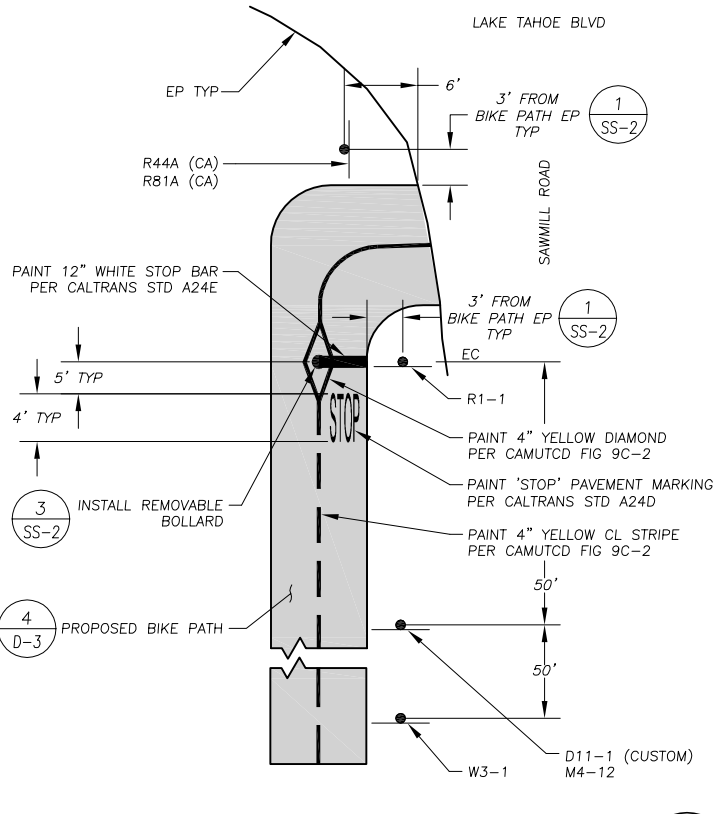
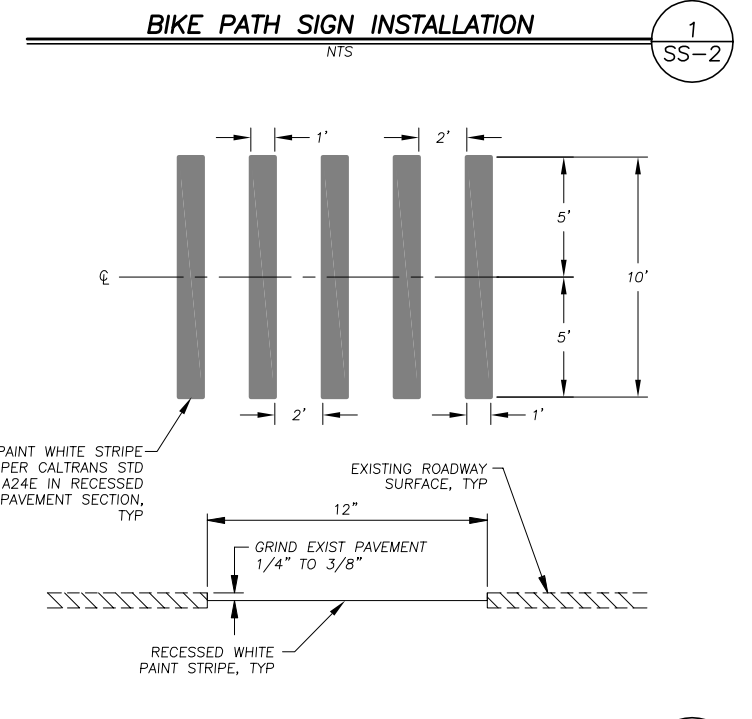
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- NOTES**
- BACK OF SIGN PANELS TO BE PAINTED TRPA APPROVED COLOR: TNEMEC ENDURA-SHIELD #4 MIDNIGHT GREEN SEMI-GLOSS ID #75-J7751, OR APPROVED EQUAL.
  - LENGTH OF POST VARIES TO ALLOW BOTTOM OF LOWEST SIGN LARGER THAN 12" IN WIDTH TO BE BETWEEN 4' AND 5' ABOVE GRADE AND MAINTAIN 3' EMBEDMENT.
  - SIGN PANELS TO BE BOLTED TO POST WITH 2 1/4" CARRIAGE BOLT WITH ADAPTER RING NEOPRENE WASHER & THEFT PROOF NUT: HAWKINS MODEL M2G-214UP-TP OR EQUAL.
  - SIGNS ON THIS DETAIL ARE SHOWN FOR INFORMATION PURPOSES ONLY. SEE PLAN SHEET SS-1 FOR ACTUAL TYPES TO BE INSTALLED.
  - SEE SPECIAL PROVISIONS FOR THE INSTALLATION OF ROADWAY SIGNS TO BE REMOVED AND REPLACED AS SHOWN ON THE PLANS.

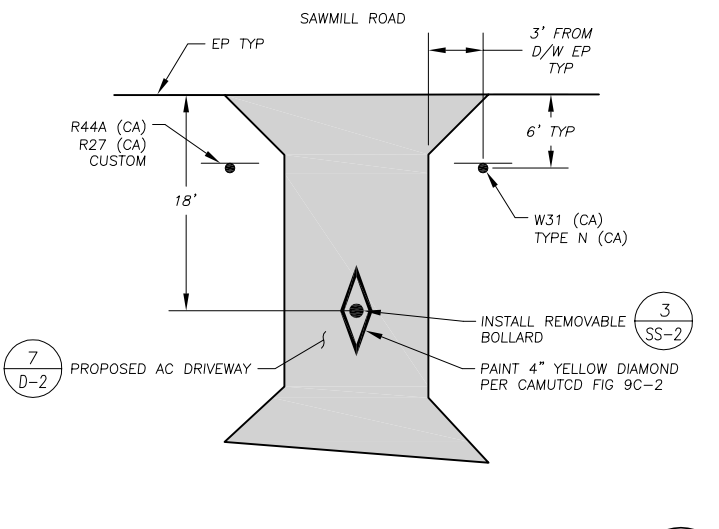


- NOTES:**
- HOT DIP GALVANIZE EXPOSED METAL PARTS AND STEEL PIPE WITHIN SLEEVE PORTION.
  - CONCRETE SHALL BE CLASS 3.



| ROADWAY AND BIKE PATH SIGNS AND BARRICADE |                                        |           |     |                     |                            |
|-------------------------------------------|----------------------------------------|-----------|-----|---------------------|----------------------------|
| SIGN CODE                                 | SIGN MESSAGE AND DESCRIPTION           | SIGN SIZE | QTY | SIGN COLORS         | RETROREFLECTIVE ASTM TYPE* |
| W3-1                                      | STOP AHEAD SYMBOL                      | 18"x18"   | 1   | RED/BLACK ON YELLOW | III                        |
| W5-4A                                     | "BIKEWAY NARROWS" SIGN                 | 18"x18"   | 2   | BLACK ON YELLOW     | III                        |
| W7-5                                      | HILL SYMBOL                            | 18"x18"   | 1   | BLACK ON YELLOW     | III                        |
| W11-2                                     | PEDESTRIAN WARNING SYMBOL              | 24"x24"   | 2   | BLACK ON YELLOW     | III                        |
| W16-7P                                    | DIAGONAL ARROW SYMBOL                  | 24"x12"   | 1   | BLACK ON YELLOW     | III                        |
| W31 (CA)                                  | "END" SIGN                             | 24"x24"   | 1   | BLACK ON YELLOW     | III                        |
| D11-1                                     | "BIKE PATH" SIGN (CUSTOM)              | 24"x18"   | 3   | WHITE ON GREEN      | III                        |
| M4-12                                     | "END" SIGN                             | 12"x4"    | 1   | WHITE ON GREEN      | III                        |
| M7-5                                      | DOUBLE ARROW SYMBOL                    | 12"x9"    | 1   | WHITE ON GREEN      | III                        |
| TYPE N (CA)                               | OBJECT MARKER                          | 18"x18"   | 1   | BLACK ON YELLOW     | III                        |
| R1-1                                      | "STOP" SIGN                            | 18"x18"   | 1   | WHITE ON RED        | III                        |
| R26 (CA)                                  | "NO PARKING" SIGN                      | 12"x18"   | 2   | RED ON WHITE        | III                        |
| R27 (CA)                                  | "NO PARKING ON DRIVEWAY" SIGN (CUSTOM) | 12"x18"   | 1   | RED ON WHITE        | III                        |
| R44A (CA)                                 | "NO MOTOR VEHICLES" SIGN               | 12"x24"   | 2   | BLACK ON WHITE      | III                        |
| R81A (CA)                                 | "BEGIN" SIGN                           | 12"x5"    | 1   | BLACK ON WHITE      | III                        |

\*ASTM DESIGNATION APPLIES TO ALL COLORS ON SIGN OR RAIL. BLACK SHALL BE NON-REFLECTIVE.  
 NOTE: THE BACKS OF ALL SIGNS SHALL BE PAINTED TRPA APPROVED COLOR: TNEMEC ENDURA-SHIELD #4 MIDNIGHT GREEN SEMI-GLOSS ID #75-J7751, OR APPROVED EQUAL, SEE SPECIAL PROVISIONS.



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 ORIGINAL SCALE IS IN INCHES  
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*[Signature]*  
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






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SAWMILL 2A BIKE PATH AND ECP STRIPING AND SIGNING PLAN

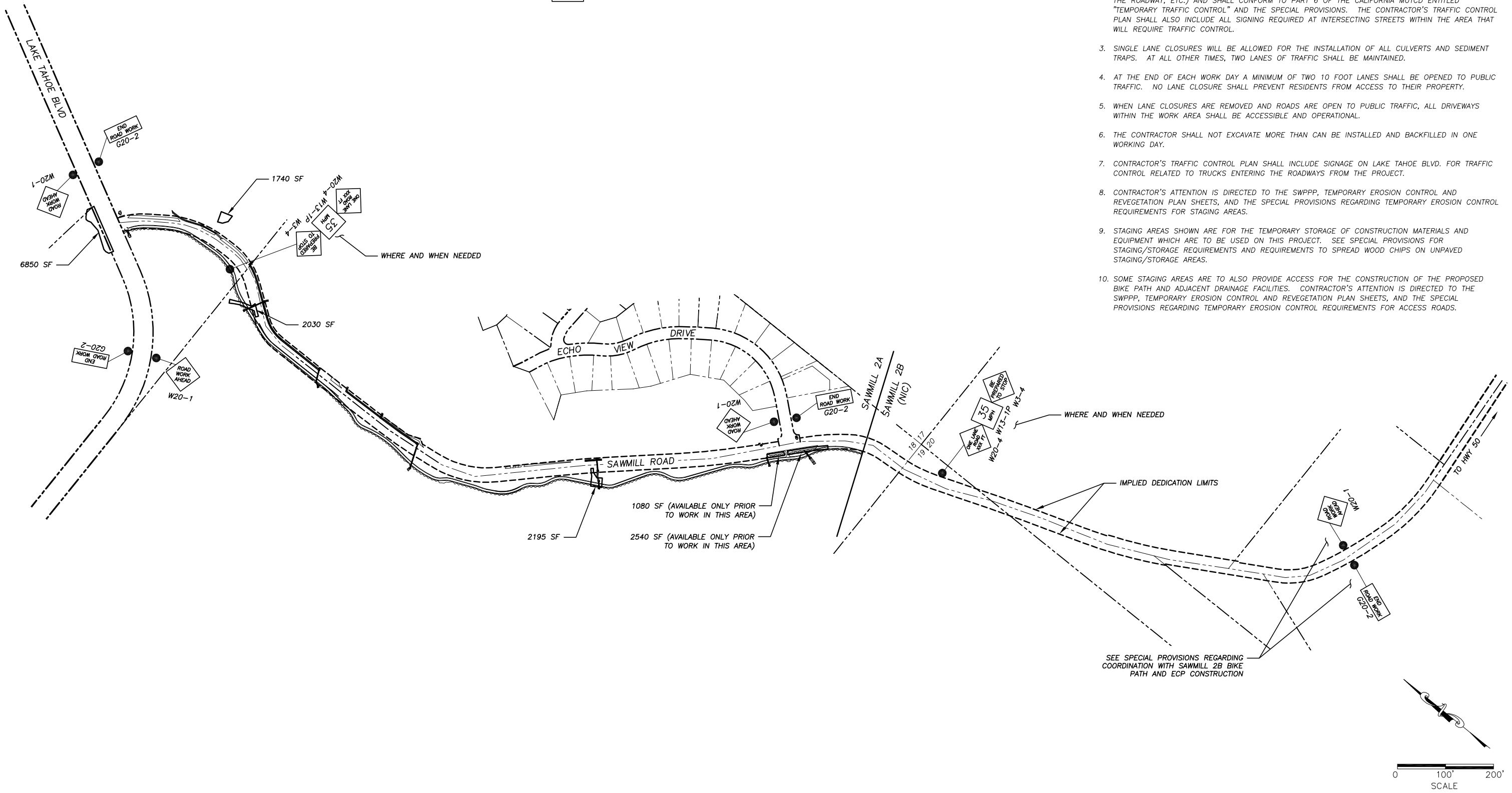
SHEET  
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 26 OF 28  
 CONTRACT NO.  
 PW 10-30557  
 CIP NO.  
 95165

# LEGEND

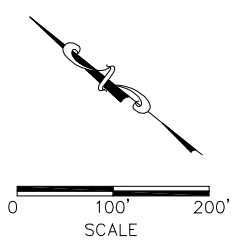
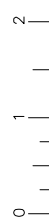
-  PROPOSED STAGING AREA WITH SF
-  APPROXIMATE SIGN LOCATION
-  "ROAD WORK AHEAD" SIGN
-  "ONE LANE ROAD XXX FT" SIGN
-  "END ROAD WORK" SIGN
-  SPEED LIMIT SIGN
-  "BE PREPARED TO STOP" SIGN

## NOTES:

1. THIS PLAN HAS BEEN PREPARED AS A GUIDE TO THE CONTRACTOR IN PREPARATION OF A COMPLETE TRAFFIC CONTROL PLAN AND TO AID IN THE CONTRACTOR'S PLANNING FOR STAGING/STORAGE OF MATERIALS AND EQUIPMENT. THE CONTRACTOR'S TRAFFIC CONTROL PLAN SHALL INCLUDE DETAILED CONTROLS INCLUDING FLAGGERS, LANE CLOSURES, AND SIGNS FOR ALL ITEMS OF ROAD WORK WHICH WILL REQUIRE ALTERATION OF EXISTING TRAFFIC PATTERNS. THE LEGEND SHOWS THE LIST OF SIGNS TO BE REQUIRED AS A MINIMUM.
2. THE CONTRACTOR'S TRAFFIC CONTROL PLAN SHALL ADDRESS EACH PHASE OF CONSTRUCTION (e.g. PIPE REMOVAL AND INSTALLATION, ROCK PLACEMENT, STRUCTURES ADJACENT TO AND/OR AFFECTING THE ROADWAY, ETC.) AND SHALL CONFORM TO PART 6 OF THE CALIFORNIA MUTCD ENTITLED "TEMPORARY TRAFFIC CONTROL" AND THE SPECIAL PROVISIONS. THE CONTRACTOR'S TRAFFIC CONTROL PLAN SHALL ALSO INCLUDE ALL SIGNING REQUIRED AT INTERSECTING STREETS WITHIN THE AREA THAT WILL REQUIRE TRAFFIC CONTROL.
3. SINGLE LANE CLOSURES WILL BE ALLOWED FOR THE INSTALLATION OF ALL CULVERTS AND SEDIMENT TRAPS. AT ALL OTHER TIMES, TWO LANES OF TRAFFIC SHALL BE MAINTAINED.
4. AT THE END OF EACH WORK DAY A MINIMUM OF TWO 10 FOOT LANES SHALL BE OPENED TO PUBLIC TRAFFIC. NO LANE CLOSURE SHALL PREVENT RESIDENTS FROM ACCESS TO THEIR PROPERTY.
5. WHEN LANE CLOSURES ARE REMOVED AND ROADS ARE OPEN TO PUBLIC TRAFFIC, ALL DRIVEWAYS WITHIN THE WORK AREA SHALL BE ACCESSIBLE AND OPERATIONAL.
6. THE CONTRACTOR SHALL NOT EXCAVATE MORE THAN CAN BE INSTALLED AND BACKFILLED IN ONE WORKING DAY.
7. CONTRACTOR'S TRAFFIC CONTROL PLAN SHALL INCLUDE SIGNAGE ON LAKE TAHOE BLVD. FOR TRAFFIC CONTROL RELATED TO TRUCKS ENTERING THE ROADWAYS FROM THE PROJECT.
8. CONTRACTOR'S ATTENTION IS DIRECTED TO THE SWPPP, TEMPORARY EROSION CONTROL AND REVEGETATION PLAN SHEETS, AND THE SPECIAL PROVISIONS REGARDING TEMPORARY EROSION CONTROL REQUIREMENTS FOR STAGING AREAS.
9. STAGING AREAS SHOWN ARE FOR THE TEMPORARY STORAGE OF CONSTRUCTION MATERIALS AND EQUIPMENT WHICH ARE TO BE USED ON THIS PROJECT. SEE SPECIAL PROVISIONS FOR STAGING/STORAGE REQUIREMENTS AND REQUIREMENTS TO SPREAD WOOD CHIPS ON UNPAVED STAGING/STORAGE AREAS.
10. SOME STAGING AREAS ARE TO ALSO PROVIDE ACCESS FOR THE CONSTRUCTION OF THE PROPOSED BIKE PATH AND ADJACENT DRAINAGE FACILITIES. CONTRACTOR'S ATTENTION IS DIRECTED TO THE SWPPP, TEMPORARY EROSION CONTROL AND REVEGETATION PLAN SHEETS, AND THE SPECIAL PROVISIONS REGARDING TEMPORARY EROSION CONTROL REQUIREMENTS FOR ACCESS ROADS.

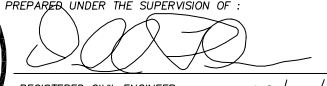


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 ORIGINAL SCALE IS IN INCHES  
 FOR REDUCED PLANS

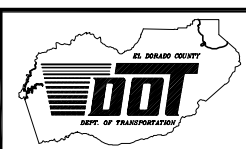


| REVISION | NUMBER | DATE | DESCRIPTION | BY |
|----------|--------|------|-------------|----|
|          |        |      |             |    |
|          |        |      |             |    |



PREPARED UNDER THE SUPERVISION OF:  
  
 REGISTERED CIVIL ENGINEER  
 DATE: 08/15/11

DESIGNED: ALD  
 CHECKED: DSP  
 ROAD NUMBER: ---  
 DRAWN: ALD  
 DATE: 08/2011

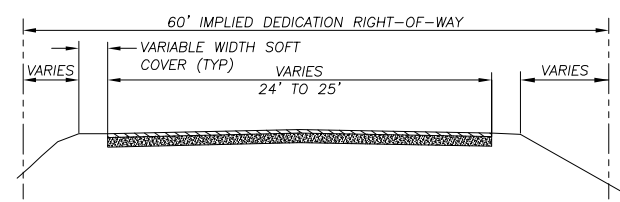
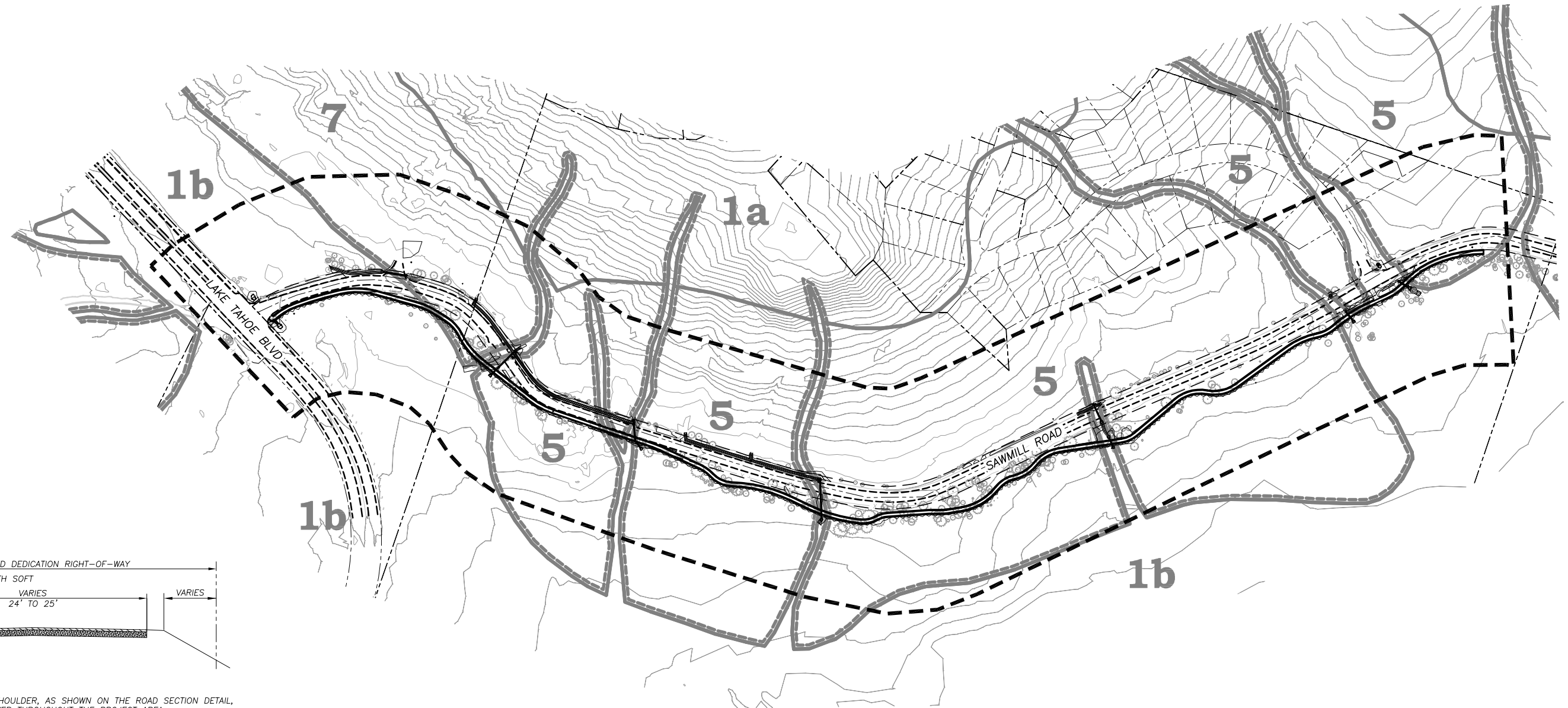


EL DORADO COUNTY  
 DEPARTMENT OF TRANSPORTATION

SAWMILL 2A BIKE PATH AND ECP  
 TRAFFIC CONTROL PLAN

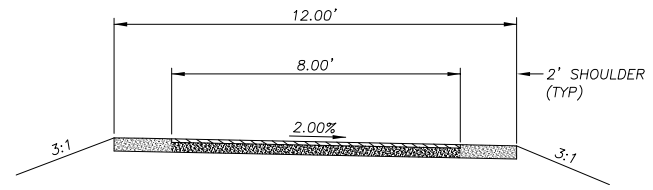
SHEET T-1  
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Drawing name: S:\CIVIL 3D PROJECTS\95165\Engineering\PLAN\28 SAW2A\_LAND COVER L1.dwg  
 ORIGINAL SCALE IS IN INCHES  
 FOR REDUCED PLANS



- NOTES:
1. A VARIABLE WIDTH ROAD SHOULDER, AS SHOWN ON THE ROAD SECTION DETAIL, WAS DEFINED AS SOFT COVER THROUGHOUT THE PROJECT AREA.
  2. LAND CAPABILITY WAS VERIFIED BY TRPA 10/07.

**TYPICAL ROADWAY SECTION**  
NTS



- NOTES:
1. A BANKING REQUEST FORM WILL BE SUBMITTED FOR ALL LAND COVER TRANSFERS.
  2. SEE CROSS-SECTION SHEETS FOR PROPOSED SECTIONS.

**TYPICAL BIKE PATH SECTION**  
NTS

**LEGEND**

- PROJECT BOUNDARY
- - - RIGHTS-OF-WAY (ROW) AND/OR PROPERTY LINE
- - - IMPLIED DEDICATION LIMITS
- - - EXISTING EDGE OF PAVEMENT (HARD COVERAGE)
- PROPOSED EDGE OF PAVEMENT (HARD COVERAGE)
- LAND CAPABILITY BOUNDARY
- 10' SEZ SETBACK LIMIT

**LAND COVERAGE TABLE**  
IN SQUARE FEET

| STREET OR FACILITY NAME               | LAND CAPABILITY CLASSIFICATIONS |       |        |       |       |      |       |      |
|---------------------------------------|---------------------------------|-------|--------|-------|-------|------|-------|------|
|                                       | 1b                              |       | 5      |       | 6     |      | 7     |      |
|                                       | Hard                            | Soft  | Hard   | Soft  | Hard  | Soft | Hard  | Soft |
| SAWMILL ROAD                          | 19090                           | 22948 | 64236  | 52630 |       |      | 9303  | 7340 |
| SAWMILL ROAD REDUCTION IN AC PAVEMENT | 344                             |       | 119    |       |       |      | 195   |      |
| SAWMILL BIKE PATH                     | 6350                            |       | 21445  |       |       |      | 1536  |      |
| TOTAL                                 | EXISTING                        | 19090 | 22948  | 64236 | 52630 |      | 9303  | 7340 |
|                                       | PROPOSED                        | 25096 | 20139  | 85562 | 51715 |      | 10644 | 6520 |
| COVERAGE TRANSFER (-)IN/OUT           | -6006                           | 2809  | -21326 | 915   |       |      | -1341 | 820  |
| SEZ MITIGATION FACTOR 1.5:1           | 9009                            |       |        |       |       |      |       |      |

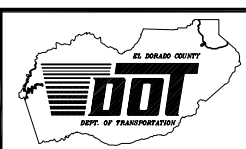
SCALE: 1" = 150'

| REVISION | NUMBER | DATE | DESCRIPTION | BY |
|----------|--------|------|-------------|----|
|          |        |      |             |    |



PREPARED UNDER THE SUPERVISION OF:  
*[Signature]*  
 REGISTERED CIVIL ENGINEER  
 DATE: 08/15/11

DESIGNED: ALD  
 DRAWN: ALD  
 CHECKED: DSP  
 DATE: 08/2011  
 ROAD NUMBER: ---



EL DORADO COUNTY  
 DEPARTMENT OF TRANSPORTATION

SAWMILL 2A BIKE PATH AND ECP  
 LAND COVERAGE

SHEET  
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