

INDEX OF SHEETS

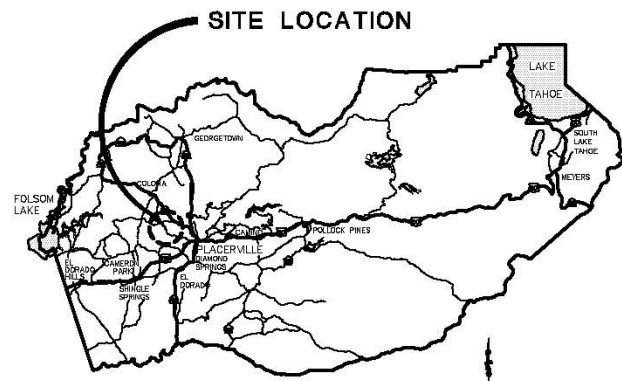
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**COUNTY OF EL DORADO, CA
COMMUNITY DEVELOPMENT AGENCY
TRANSPORTATION DIVISION**

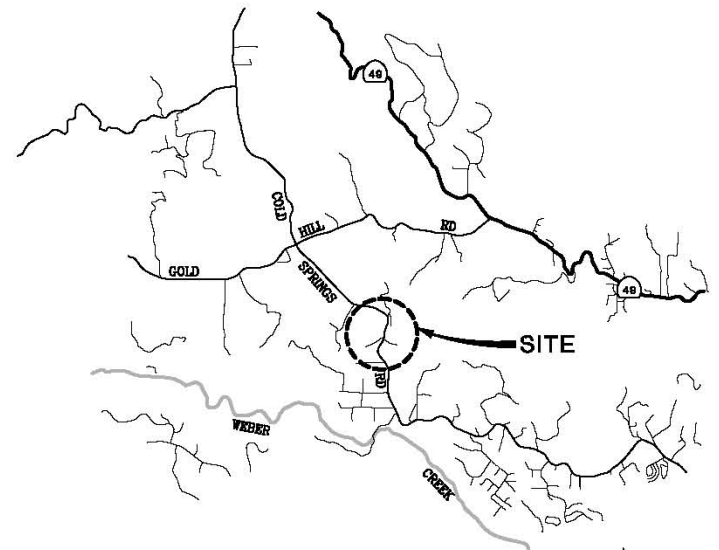
**PROJECT PLANS FOR THE CONSTRUCTION OF
COLD SPRINGS ROAD AT MOUNT
SHASTA LANE REALIGNMENT**

IN THE COUNTY OF EL DORADO, DISTRICT 4
APPROXIMATELY 4.4 MILES NORTH OF HIGHWAY 50

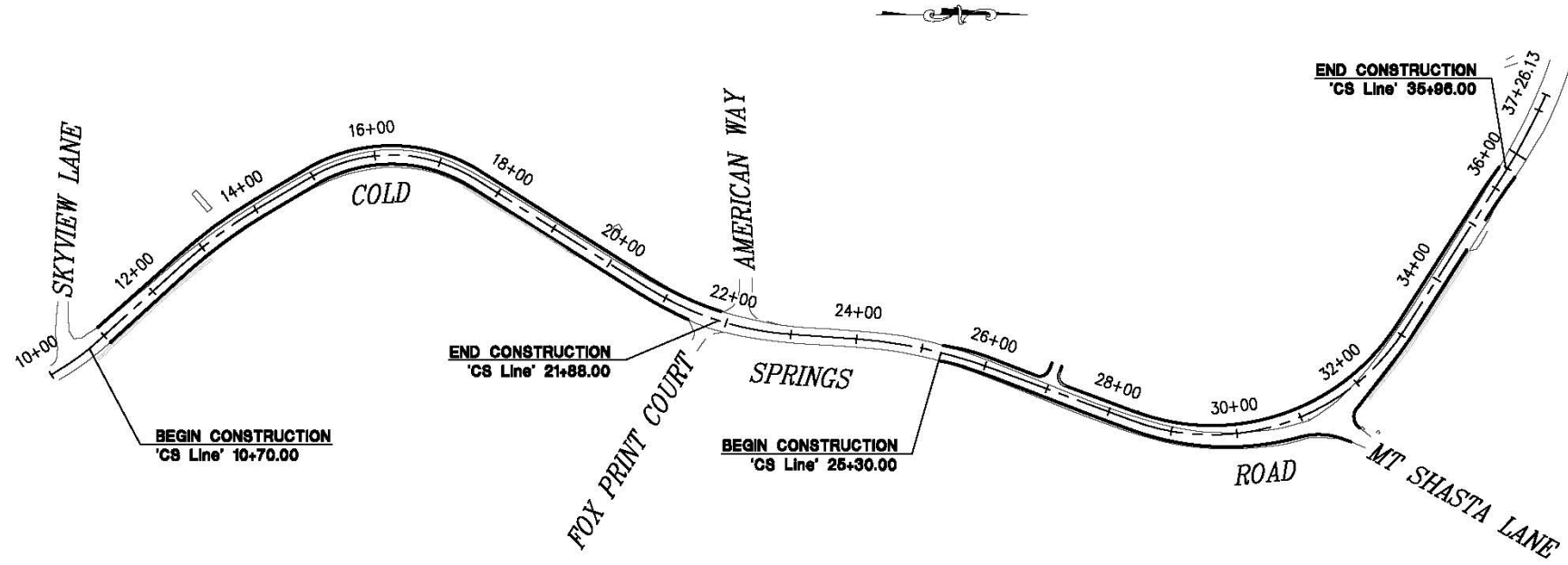
To be supplemented with Standard Plans and Specifications dated 2010, including
the Revised Standard Specifications to the 2010 Standard Specifications, of the
California Department of Transportation, unless otherwise noted.



VICINITY MAP
COUNTY OF EL DORADO



LOCATION MAP
NOT TO SCALE



SITE PLAN
NTS

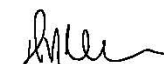
CONTRACTOR'S LICENSE CLASSIFICATION: Bidders shall be properly licensed to perform the Work pursuant to the State Contractor's License Act (Business and Professions Code section 7000 et seq.) and shall possess a CLASS A LICENSE or equivalent combination of Classes required by the categories and type of Work included in the Contract Documents and Plans. Failure of the successful Bidder to obtain proper and adequate licensing at the time bids are submitted shall constitute a failure to execute the Contract, and forfeiture as provided under that section.

REVISIONS		
MARK	DATE	BY



**FEDERAL AID PROJECT
HSIPL 5925 (092)**




 DUSTIN W. HARRINGTON
 REGISTERED CIVIL ENGINEER No. 71517 DATE: _____

BOARD OF SUPERVISORS

RON MIKULACO	I
SHIVA FRENTZEN	II
BRIAN VEERKAMP	III
MICHAEL RANALLI	IV
SUE NOVASEL	V

**COUNTY OF EL DORADO
COMMUNITY DEVELOPMENT AGENCY
TRANSPORTATION DIVISION**

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

ADOPTED AND APPROVED BY:

BRIAN VEERKAMP CHAIR, EL DORADO COUNTY BOARD OF SUPERVISORS	DATE
APPROVED BY:	DATE
STEVEN M. PERRETTI, DIRECTOR COMMUNITY DEVELOPMENT AGENCY	DATE
MATTHEW D. SWALLEY, P.E., NO. CMBR52 SENIOR ENGINEER, ENGINEERING	DATE

PW NO. 10-30543 PROJECT NO. 73360

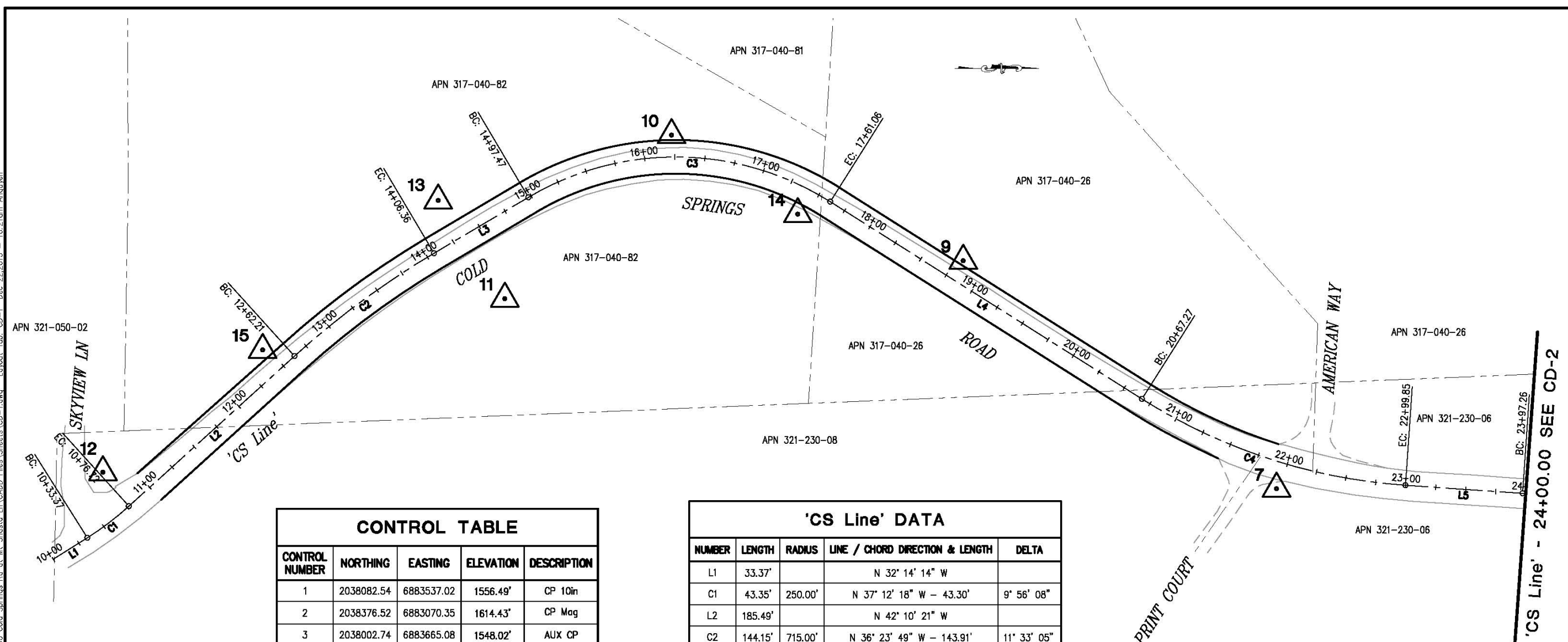
**COLD SPRINGS ROAD AT MOUNT
SHASTA LANE REALIGNMENT**

TITLE SHEET

SHEET **1** OF **32**

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 FOR REDUCED PLANS
 2
 1
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CONTROL TABLE				
CONTROL NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	2038082.54	6883537.02	1556.49'	CP 10in
2	2038376.52	6883070.35	1614.43'	CP Mag
3	2038002.74	6883665.08	1548.02'	AUX CP
4	2037785.36	6883581.64	1527.54'	CP 10in
5	2037558.24	6883441.58	1504.94'	CP 10in
6	2038188.88	6883258.08	1600.39'	AUX CP 60d
7	2037111.62	6883418.30	1462.41'	CP 10in
8	2037348.40	6883405.06	1483.38'	AUX CP 60d
9	2036851.51	6883229.20	1441.44'	AUX CP 60d
10	2036609.35	6883124.97	1412.48'	CP 10in
11	2036470.94	6883260.64	1381.70'	AUX CP 60d
12	2036137.32	6883404.58	1347.72'	CP 10in
13	2036415.59	6883179.24	1406.93'	AUX CP 60d
14	2036714.18	6883190.48	1424.98'	AUX CP 60d
15	2036269.88	6883303.21	1372.74'	AUX CP 10in
16	2037337.73	6883552.43	1476.74'	AUX CP 10in

'CS Line' DATA				
NUMBER	LENGTH	RADIUS	LINE / CHORD DIRECTION & LENGTH	DELTA
L1	33.37'		N 32° 14' 14" W	
C1	43.35'	250.00'	N 37° 12' 18" W - 43.30'	9° 56' 08"
L2	185.49'		N 42° 10' 21" W	
C2	144.15'	715.00'	N 36° 23' 49" W - 143.91'	11° 33' 05"
L3	91.11'		N 30° 37' 17" W	
C3	263.59'	240.00'	N 0° 50' 31" E - 250.54'	62° 55' 36"
L4	306.21'		N 32° 18' 19" E	
C4	232.59'	470.00'	N 18° 07' 43" E - 230.22'	28° 21' 13"
L5	97.40'		N 3° 57' 06" E	
C5	219.16'	742.00'	N 12° 24' 48" E - 218.37'	16° 55' 23"
L6	221.82'		N 20° 21' 28" E	
C6	472.86'	348.00'	N 18° 34' 08" W - 437.32'	77° 51' 13"
L7	277.59'		N 57° 29' 44" W	
C7	105.81'	817.00'	N 61° 12' 20" W - 105.73'	7° 25' 12"
L8	31.63'		N 64° 54' 57" W	


LEGENDS:
 X DENOTES CONTROL POINT AND NUMBER

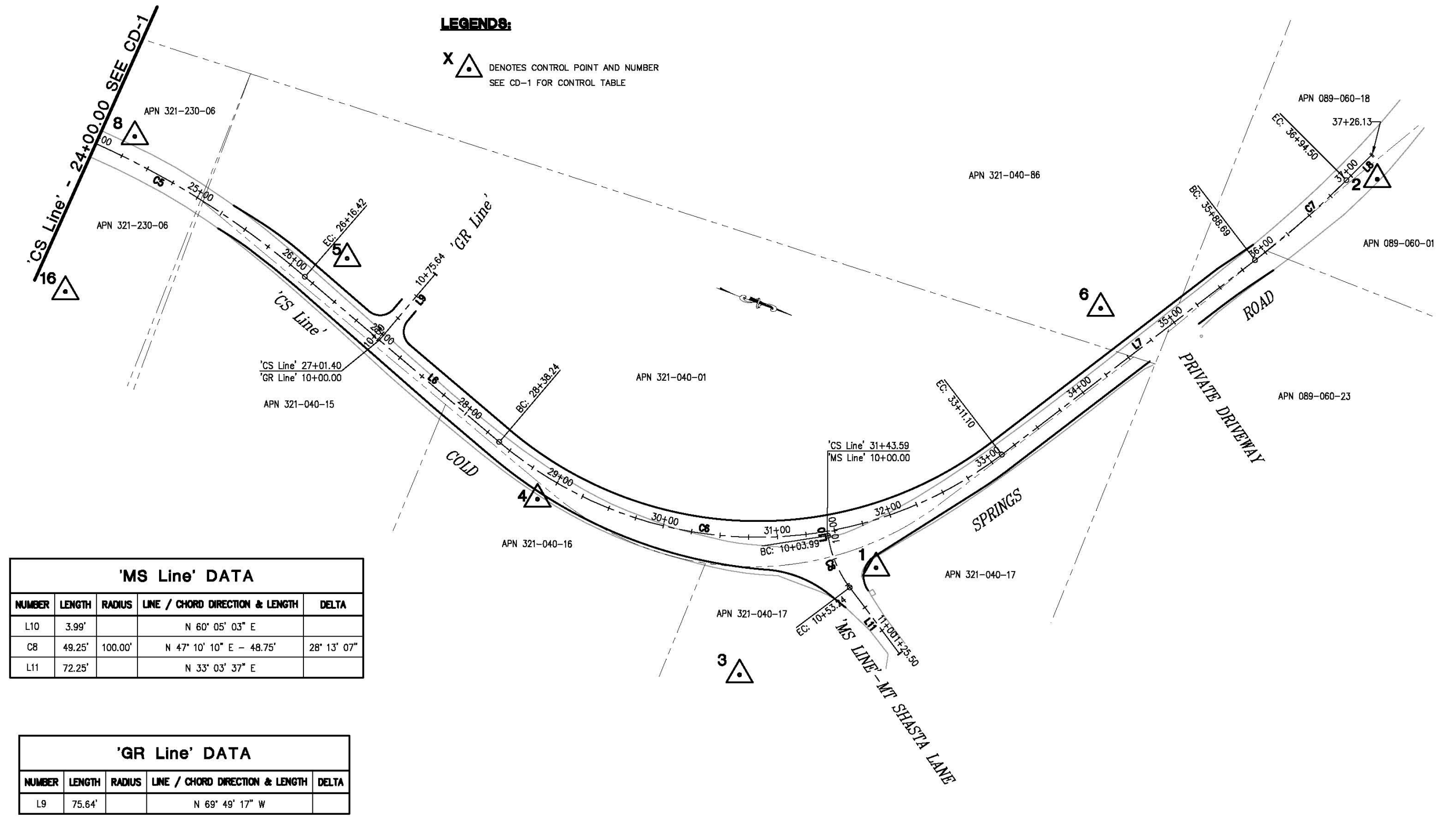
NOTES:
 HORIZONTAL DATUM
 BEARINGS, DISTANCES, STATIONING AND COORDINATES SHOWN ARE ON THE CALIFORNIA STATE PLANE COORDINATE SYSTEM, NAD 83 ZONE 2, EPOCH 2007.00, US SURVEY FEET. DISTANCES SHOWN ARE GRID DISTANCES. DIVIDE DISTANCES SHOWN BY 0.999859 TO OBTAIN GROUND DISTANCES.
 VERTICAL DATUM
 ELEVATIONS SHOWN HEREON REFERENCE TO NGVD 29

SURVEY CONTROL DIAGRAM
 SCALE : 1" = 40'

REVISION NUMBER DATE DESCRIPTION BY		PREPARED UNDER THE SUPERVISION OF: <i>Joseph C. Neely</i> PROFESSIONAL LAND SURVEYOR	DESIGNED: AN DRAWN: AN CHECKED: JN DATE: 12/22/2015 ROAD NUMBER: 020		COUNTY OF EL DORADO COMMUNITY DEVELOPMENT AGENCY TRANSPORTATION DIVISION	SHEET CD-1 2 of 32 W.D. No. 73360
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 FOR REDUCED PLANS
 0 1 2

LEGENDS:
 X  DENOTES CONTROL POINT AND NUMBER
 SEE CD-1 FOR CONTROL TABLE



'MS Line' DATA

NUMBER	LENGTH	RADIUS	LINE / CHORD DIRECTION & LENGTH	DELTA
L10	3.99'		N 60° 05' 03" E	
C8	49.25'	100.00'	N 47° 10' 10" E - 48.75'	28° 13' 07"
L11	72.25'		N 33° 03' 37" E	

'GR Line' DATA

NUMBER	LENGTH	RADIUS	LINE / CHORD DIRECTION & LENGTH	DELTA
L9	75.64'		N 69° 49' 17" W	

SURVEY CONTROL DIAGRAM
 SCALE : 1" = 40'

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
Joseph C. Neely
 PROFESSIONAL LAND SURVEYOR
 DATE: _____

DESIGNED: AN
 DRAWN: AN
 CHECKED: JN
 DATE: 12/22/2015
 ROAD NUMBER: 020

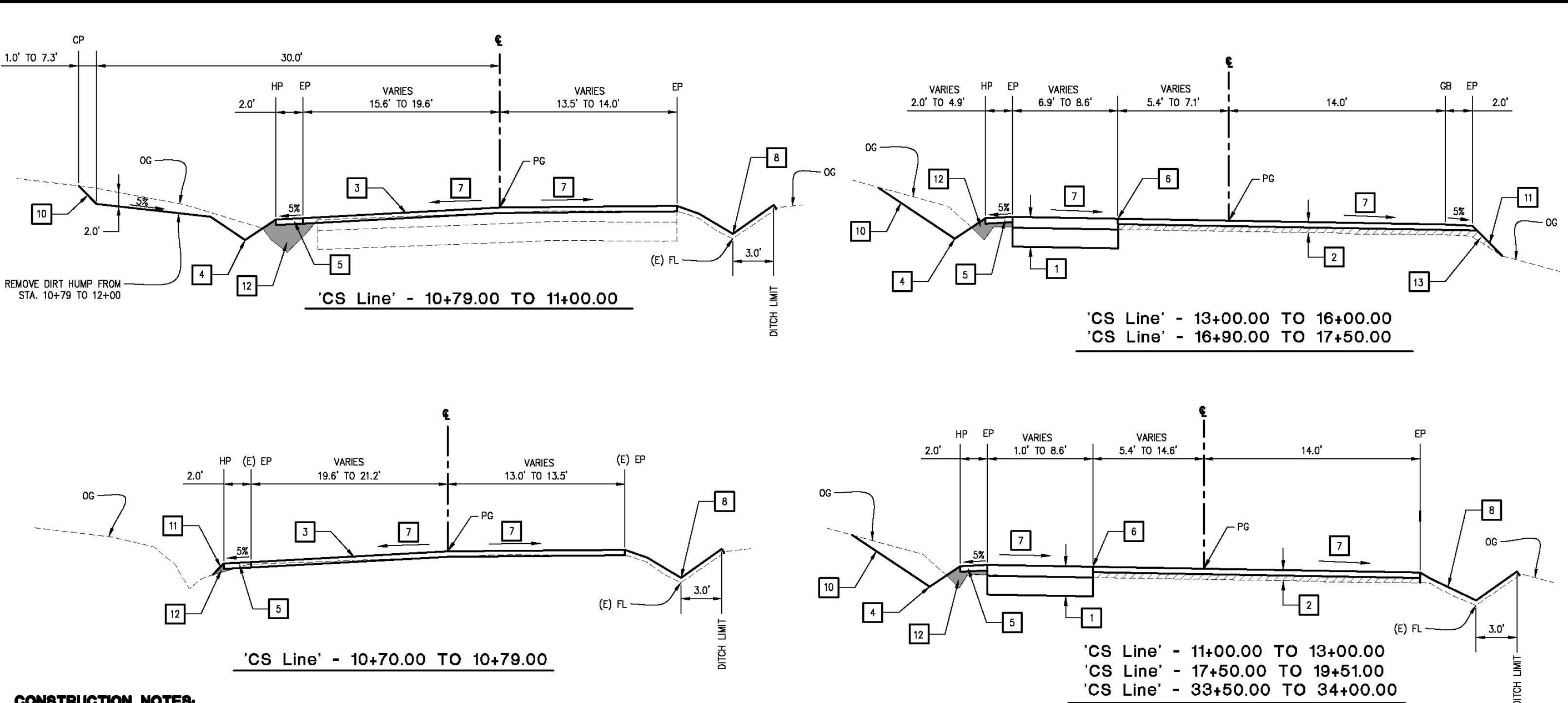


COUNTY OF EL DORADO
COMMUNITY DEVELOPMENT AGENCY
TRANSPORTATION DIVISION

COLD SPRINGS ROAD AT MOUNT
SHASTA LANE REALIGNMENT

SHEET
CD-2
 3 of 32
 W.D. No. **73360**

ORIGINAL SCALE IS IN INCHES
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 FOR REDUCED PLANS
 2"
 1"
 0"





CONSTRUCTION NOTES:

- 1 — 0.4' HMA (TYPE A)
1.0' AB (CLASS II)
- 2 — 0.2' HMA OVERLAY
VARIABLE LIFT (0.2' TO 0.9')
- 3 — COLD PLANE. SEE DETAIL 5, SHEET C-1
- 4 — TURF REINFORCEMENT MAT (TRM) DITCH:
• FROM STATION 10+79 TO 16+00, SEE DETAIL 1 ON SHEET C-1
• FROM STATION 16+90 TO 21+00, SEE DETAIL 2 ON SHEET C-1
• FROM STATION 28+50 TO 34+00, SEE DETAIL 3 ON SHEET C-1
- 5 — 0.2' MIN AB (CLASS II) SHOULDER BACKING
- 6 — SAWCUT TO A CLEAN UNIFORM LINE 1' INSIDE EXISTING EP. SEE DETAIL 6, SHEET C-1
- 7 — SEE SUPERELEVATION DIAGRAM ON SHEET SE-1 FOR CROSS SLOPE
- 8 — CLEAN EXISTING DITCH AND:
• PAVE 0.2' HMA FROM PROPOSED EP FROM STATION 10+70 TO 13+00 AND 32+00 TO 34+62.50. SEE DETAIL 4, SHEET C-1
• PAVE 0.2' MINOR CONCRETE FROM PROPOSED EP FROM STATION 17+50 TO 19+51. SEE DETAIL 4, SHEET C-1
- 10 — CUT AND FILL SLOPES AS BELOW:
• 2:1 OR FLATTER
STA. 10+70 TO STA. 13+00
STA. 17+00 TO STA. 17+50
STA. 18+25 TO STA. 19+00
STA. 25+00 TO STA. 30+50
STA. 34+00 TO STA. 36+26

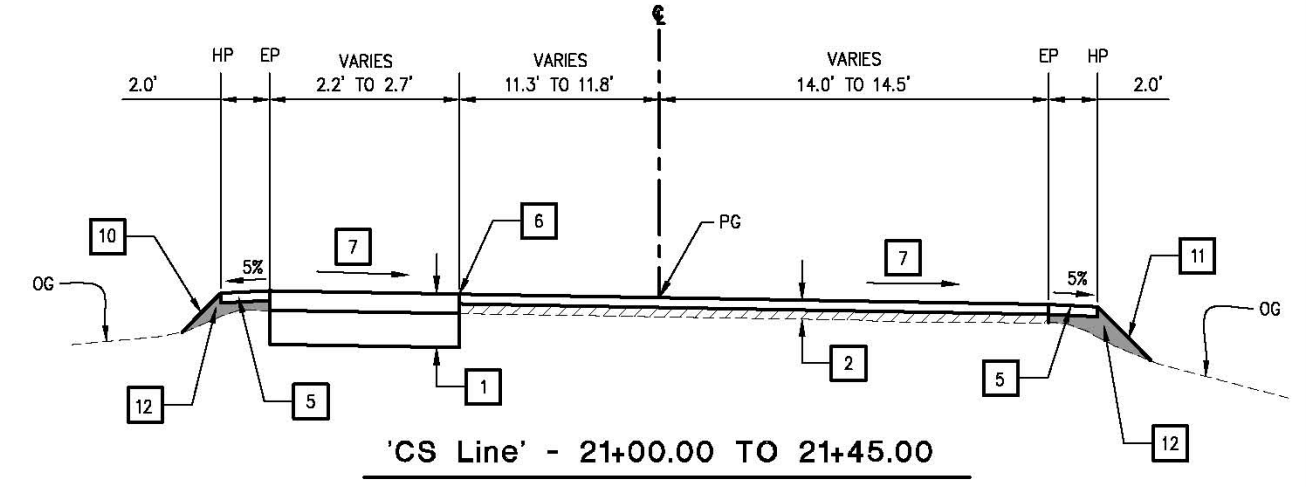
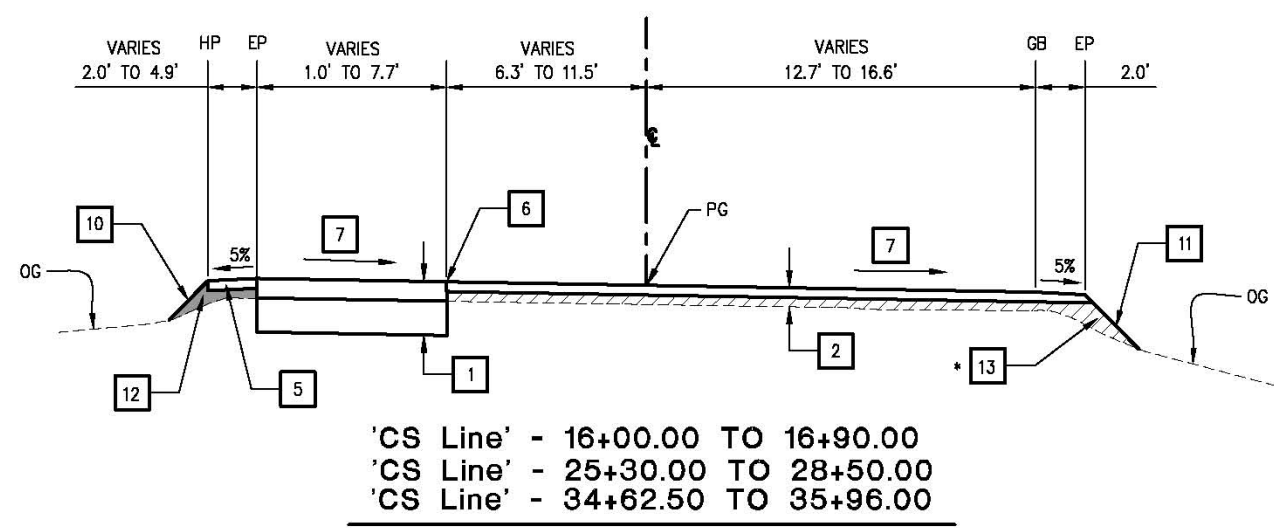
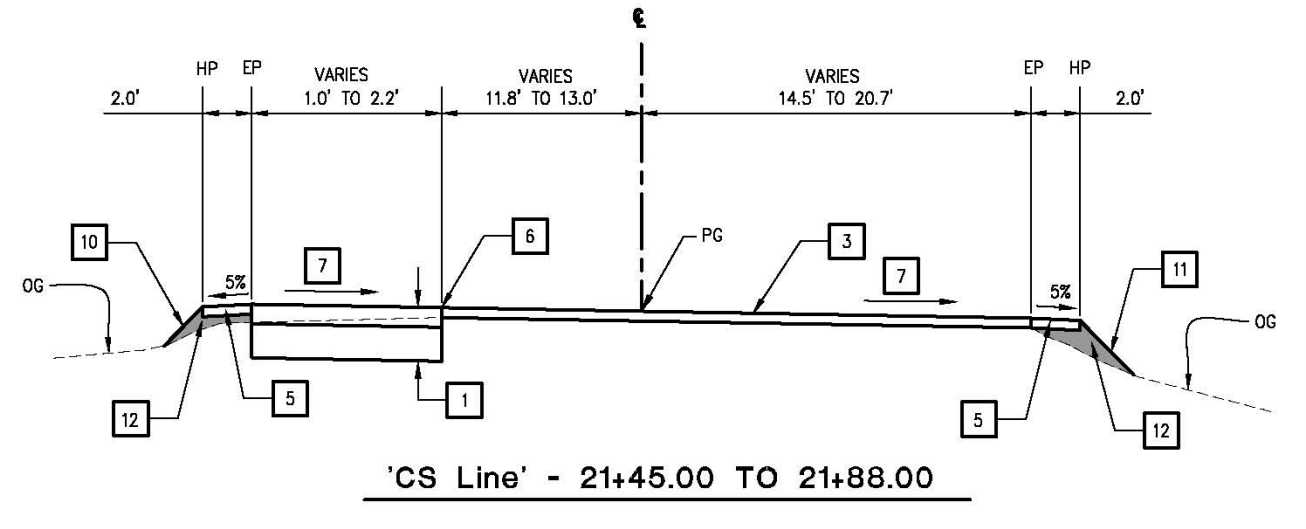
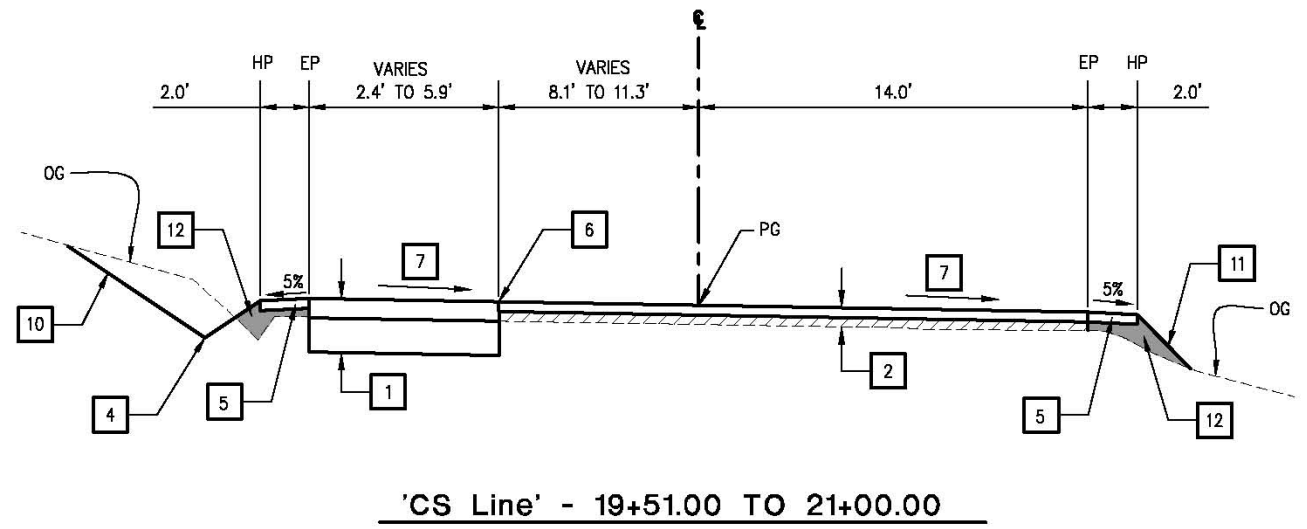
• 1.5:1 OR FLATTER
STA. 15+50 TO STA. 17+00
STA. 20+50 TO STA. 21+88
STA. 30+50 TO STA. 34+00

• 1:1 OR FLATTER
STA. 13+00 TO STA. 15+50
STA. 17+50 TO STA. 18+25
STA. 19+00 TO STA. 20+50
- 11 — FILL SLOPE - 2:1 OR FLATTER
CUT SLOPE - 2:1 OR FLATTER
- 12 — COMPACT FILL
- 13 — MISCELLANEOUS PAVING AREA

TYPICAL SECTIONS
SCALE : N/A

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REVISION	NUMBER	DATE	DESCRIPTION	BY											

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* MISCELLANEOUS PAVING AREA NOT INCLUDED FROM STA. 34+62.50 TO STA. 35+16.00 CONFORM TO PRIVATE DRIVEWAY. SEE DETAIL 2, SHEET L-5

TYPICAL SECTIONS
SCALE : N/A

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
Justin W. Harrington
 REGISTERED CIVIL ENGINEER
 DATE: _____

DESIGNED: AN
 DRAWN: AN
 CHECKED: DH
 DATE: 12/30/2015
 ROAD NUMBER: 020

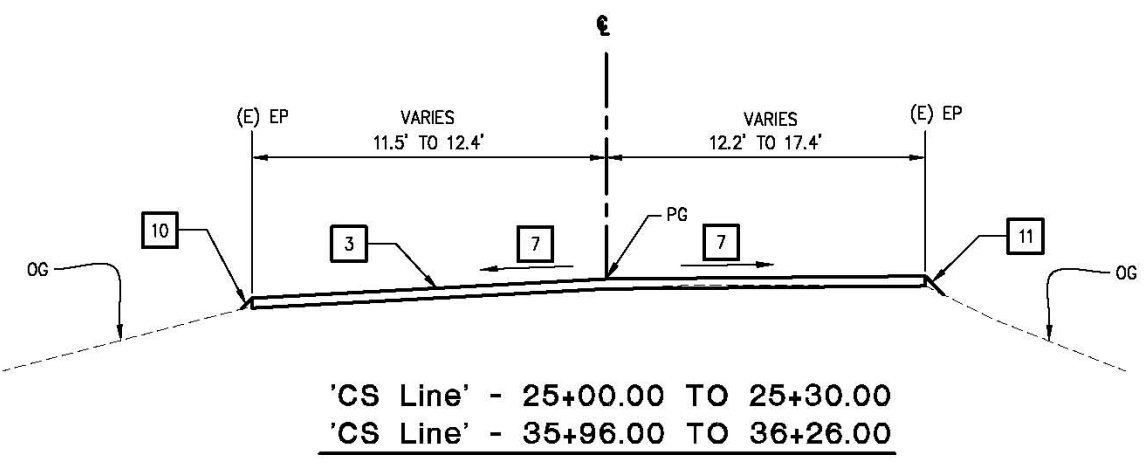
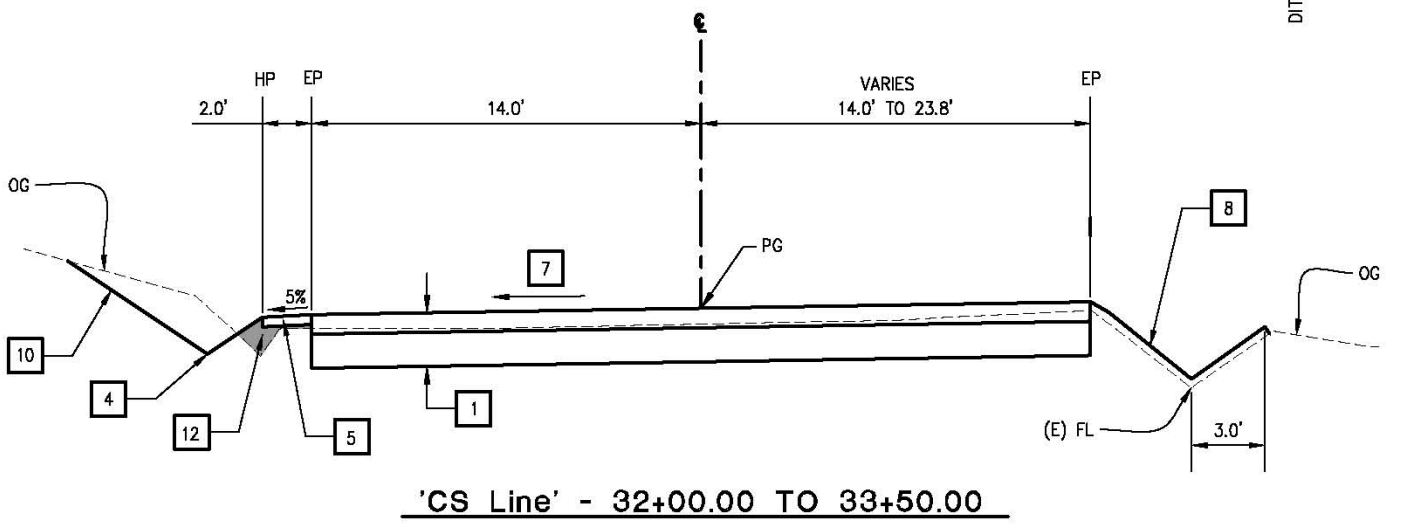
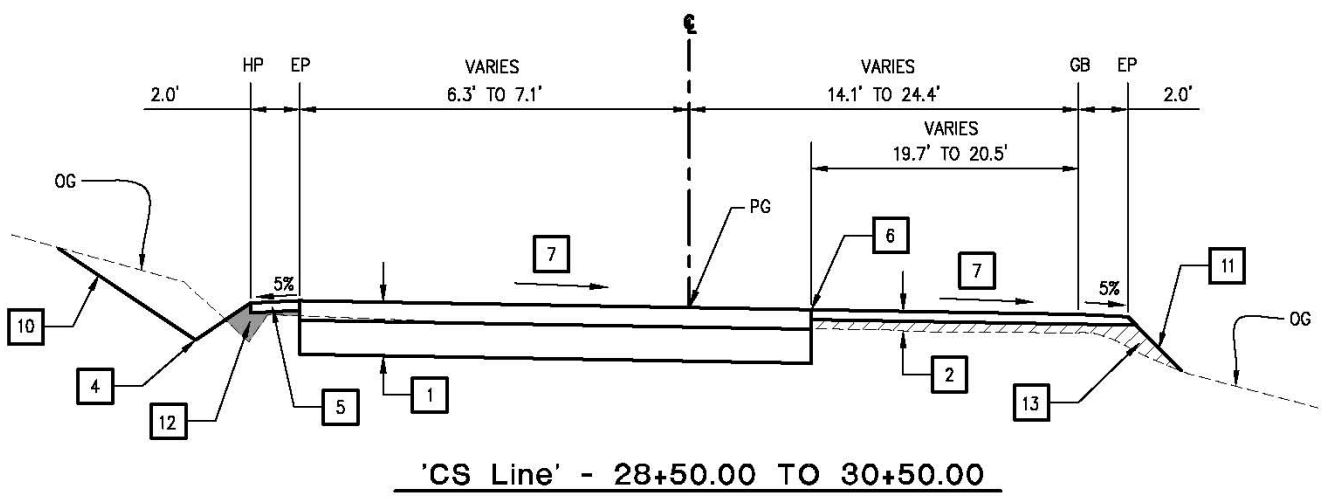
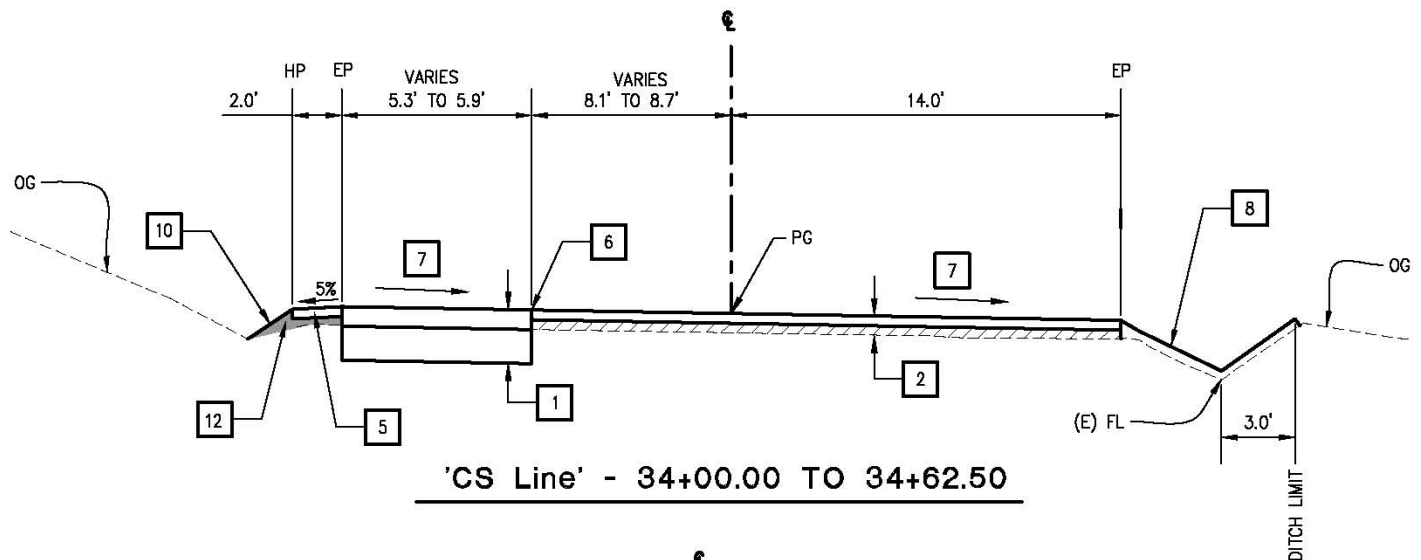
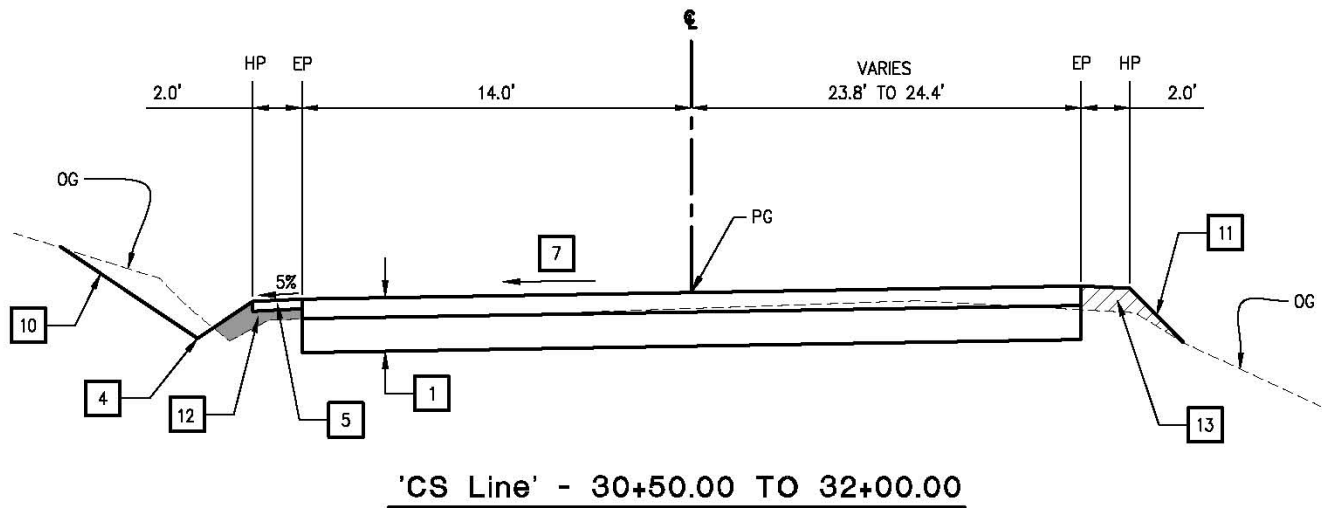


COUNTY OF EL DORADO
 COMMUNITY DEVELOPMENT AGENCY
 TRANSPORTATION DIVISION

COLD SPRINGS ROAD AT MOUNT
 SHASTA LANE REALIGNMENT

SHEET
X-2
 5 of 32
 W.D. No. 73360

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 FOR REDUCED PLANS
 REVISION
 NUMBER DATE DESCRIPTION BY



TYPICAL SECTIONS
SCALE : N/A

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
Justin W. Harrington
 REGISTERED CIVIL ENGINEER
 DATE: _____

DESIGNED: AN
 DRAWN: AN
 CHECKED: DH
 DATE: 12/30/2015
 ROAD NUMBER: 020



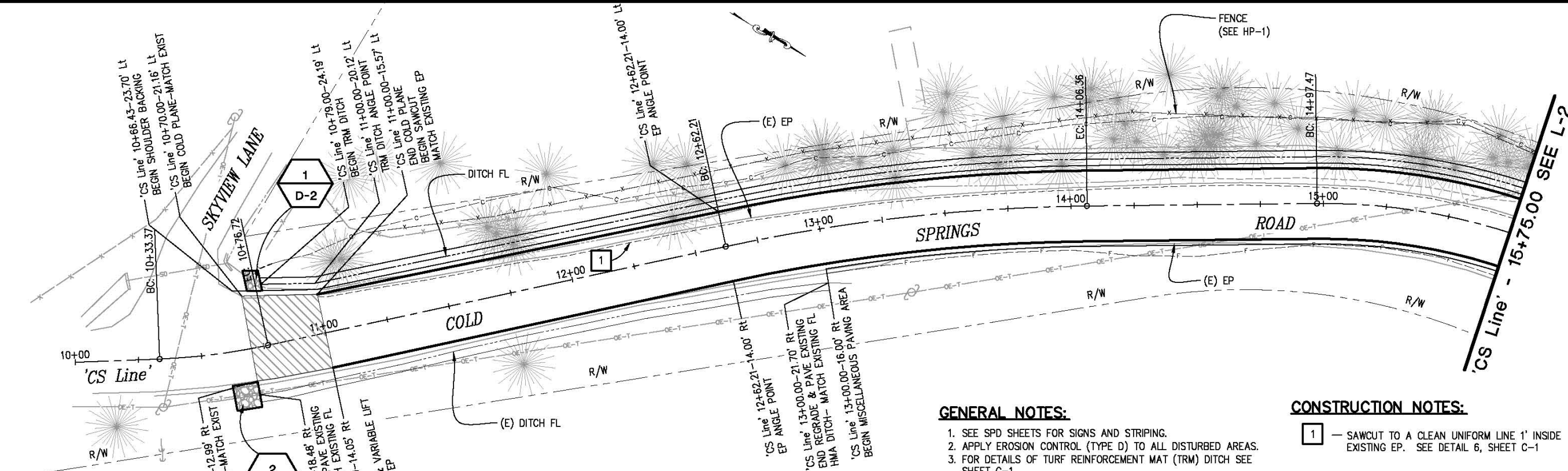
COUNTY OF EL DORADO
 COMMUNITY DEVELOPMENT AGENCY
 TRANSPORTATION DIVISION

COLD SPRINGS ROAD AT MOUNT
 SHASTA LANE REALIGNMENT

SHEET
 X-3
 6 of 32
 W.D. No. 73360

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FOR REDUCED PLANS
 0 1 2



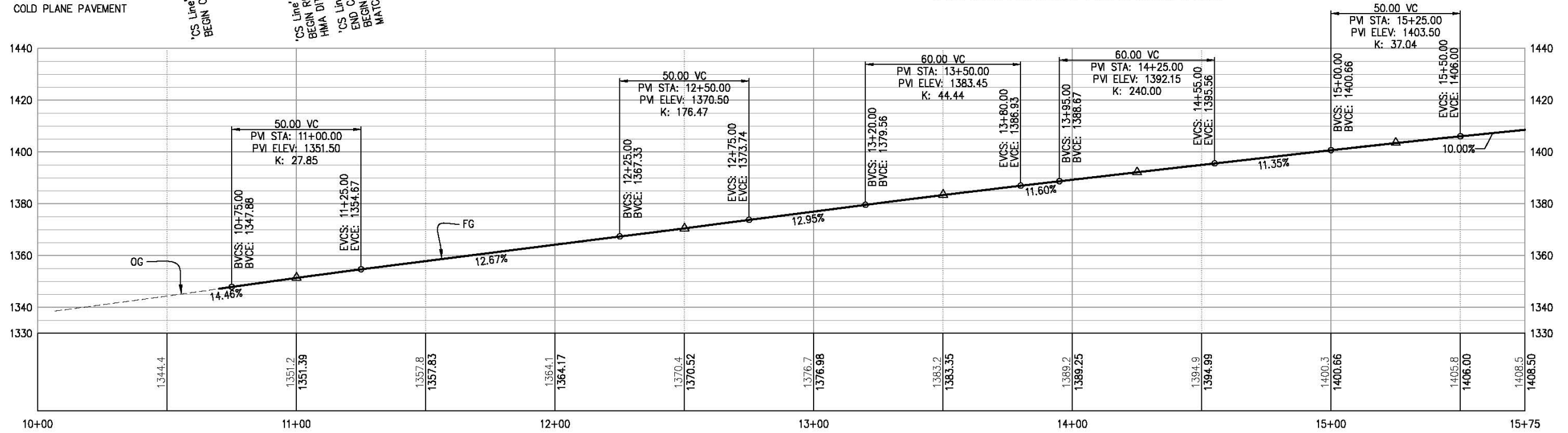
LEGEND:
 COLD PLANE PAVEMENT

GENERAL NOTES:

1. SEE SPD SHEETS FOR SIGNS AND STRIPING.
2. APPLY EROSION CONTROL (TYPE D) TO ALL DISTURBED AREAS.
3. FOR DETAILS OF TURF REINFORCEMENT MAT (TRM) DITCH SEE SHEET C-1.
4. FOR CLEANING EXISTING DITCHES SEE SHEET C-1.
5. SEE TREE REMOVAL & FENCING PLANS FOR FENCE DETAILS.
6. FOR DRAINAGE SYSTEMS SEE D SHEETS.
7. SEE DETAIL 5 ON SHEET C-1 FOR COLD PLANE DETAILS.

CONSTRUCTION NOTES:

- 1** — SAWCUT TO A CLEAN UNIFORM LINE 1' INSIDE EXISTING EP. SEE DETAIL 6, SHEET C-1



PLAN & PROFILE
 SCALE : 1" = 20'

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:

 REGISTERED CIVIL ENGINEER
 License Expires 12-31-17
 DATE: _____

DESIGNED: AN AN
 CHECKED: DH DATE: 12/30/2015
 ROAD NUMBER: 020



COUNTY OF EL DORADO
 COMMUNITY DEVELOPMENT AGENCY
 TRANSPORTATION DIVISION

COLD SPRINGS ROAD AT MOUNT
 SHASTA LANE REALIGNMENT

SHEET
 L-1
 7 of 32
 W.D. No. 73360

REVISION	NUMBER	DATE	DESCRIPTION

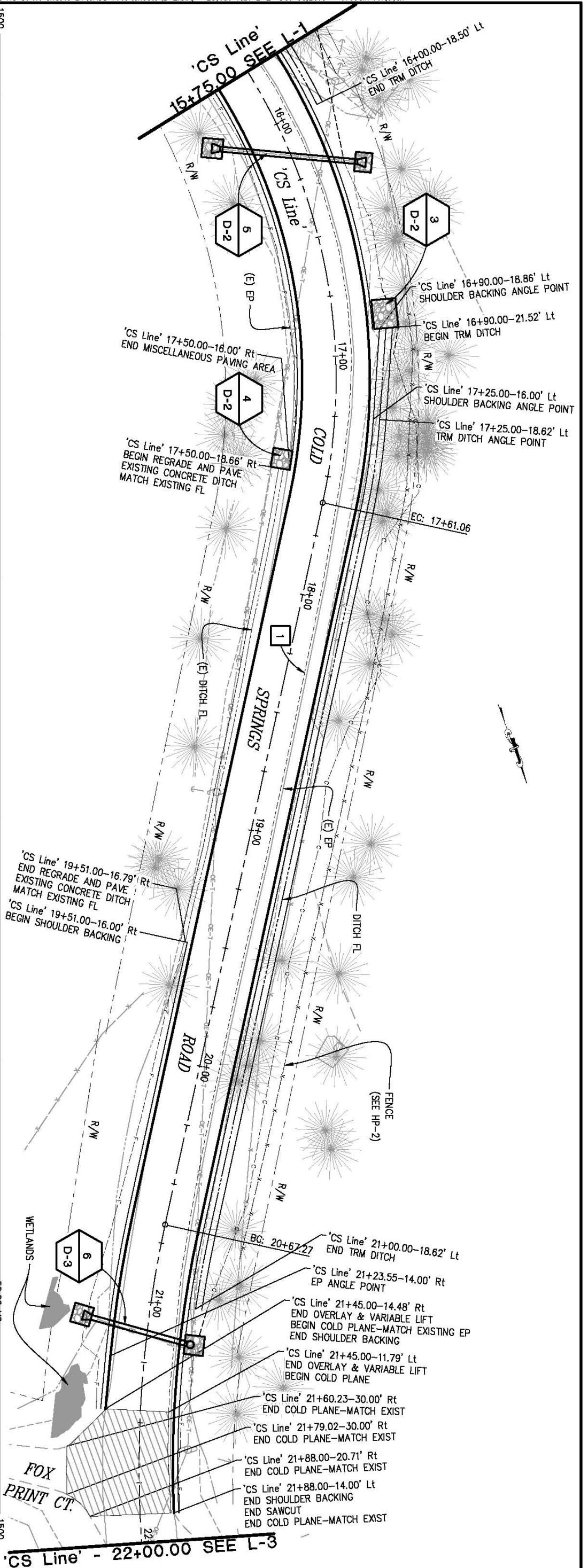
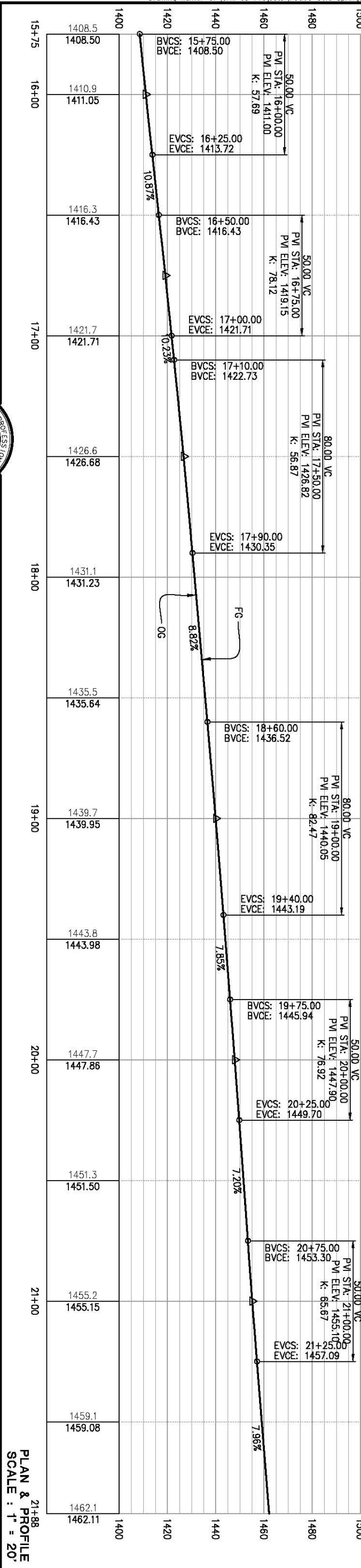
REGISTERED PROFESSIONAL ENGINEER
 No. C71517
 License Expires 12/31/2018
 DUSTIN W. HARRINGTON
 REGISTERED CIVIL ENGINEER

DESIGNED: AN
 CHECKED: DH
 DATE: 12/30/2015
 ROAD NUMBER: 020

COUNTY OF EL DORADO
 COMMUNITY DEVELOPMENT AGENCY
 TRANSPORTATION DIVISION

COLD SPRINGS ROAD AT MOUNT SHASTA LANE REALIGNMENT


SHEET L-2
 8 OF 32
 73360



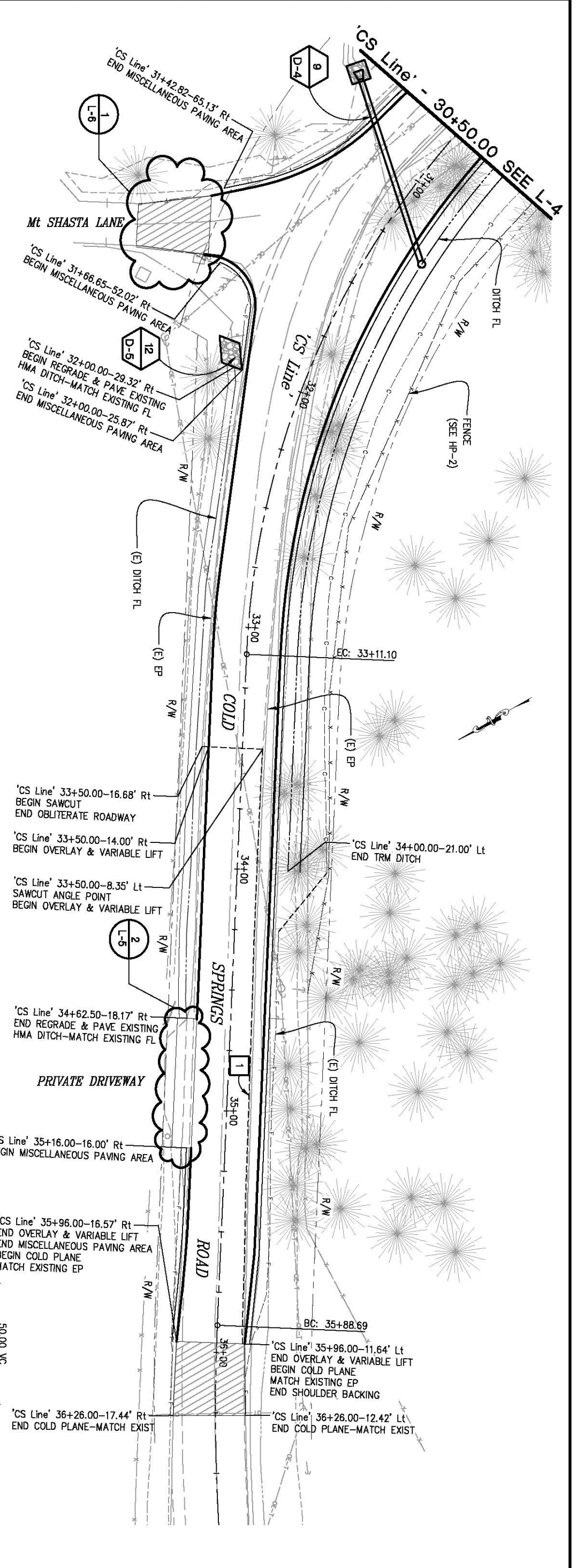
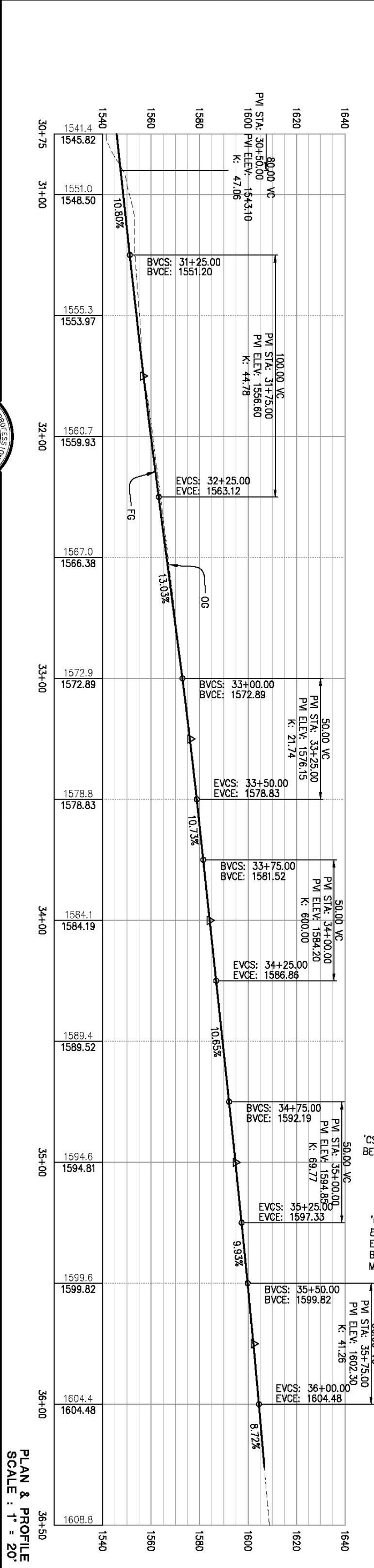
REVISION	
NUMBER	DATE

REGISTERED PROFESSIONAL ENGINEER DUSTIN W. HARRINGTON No. C71517 License Expires 12/31/2018 STATE OF CALIFORNIA	REGISTERED CIVIL ENGINEER <i>[Signature]</i> DATE:
---	--

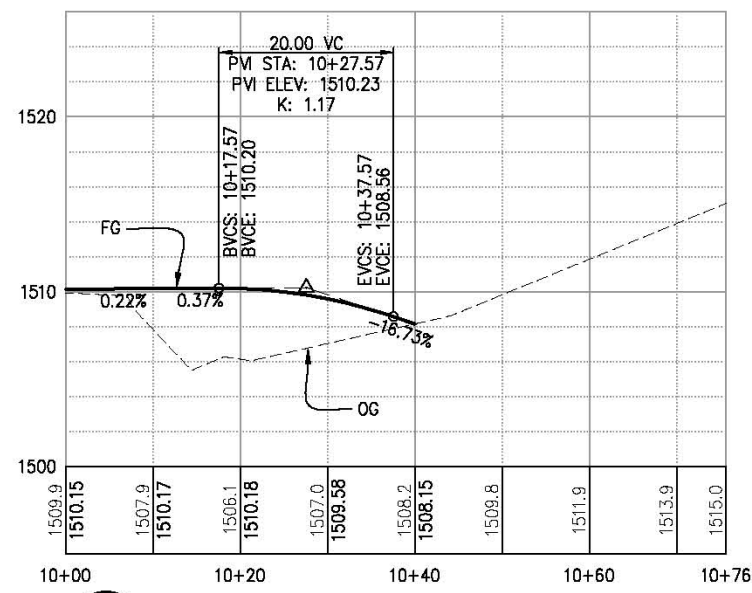
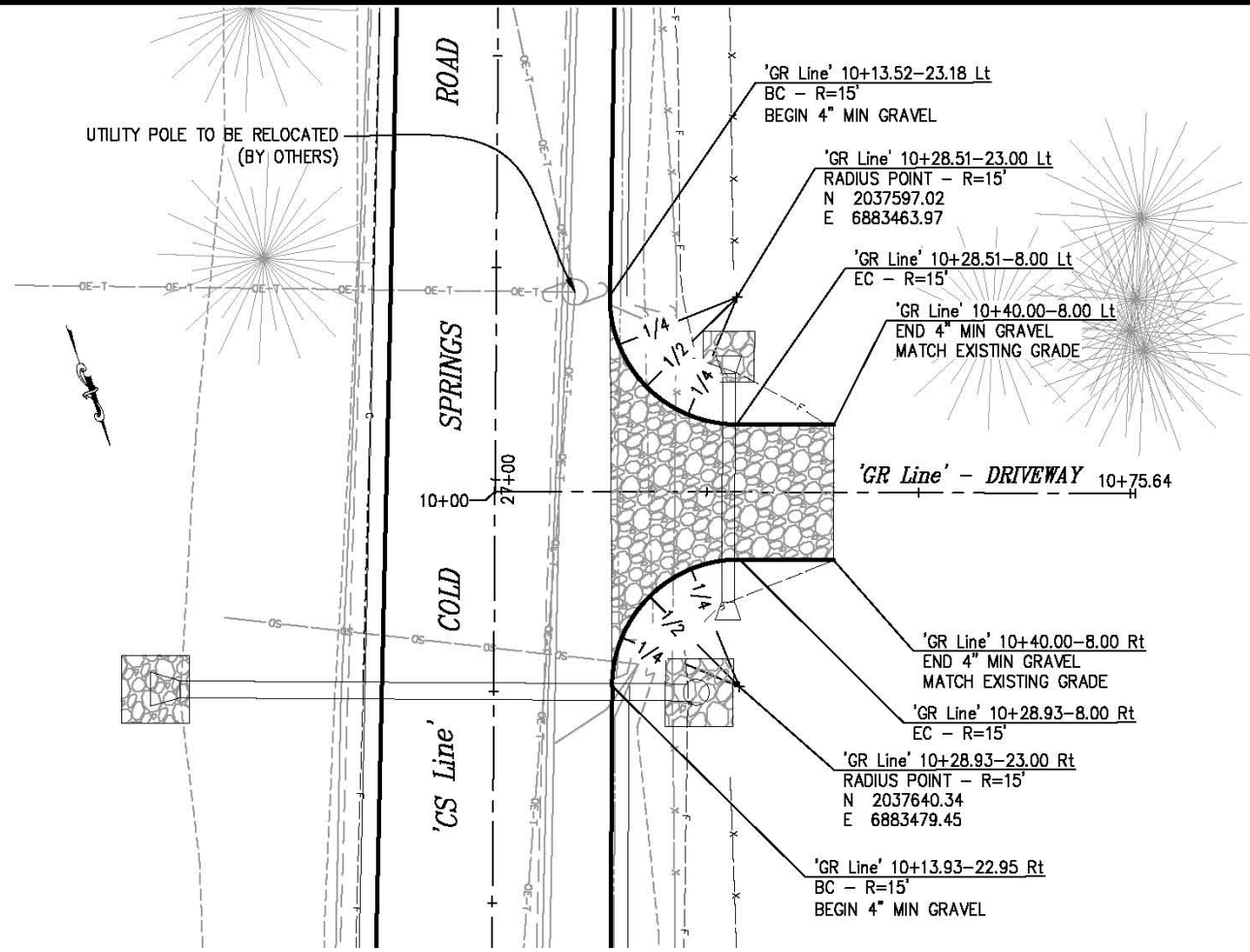
DESIGNED: AN	DRAWN: AN
CHECKED: DH	DATE: 12/30/2015
ROAD NUMBER: 020	

 <p>COUNTY OF EL DORADO COMMUNITY DEVELOPMENT AGENCY TRANSPORTATION DIVISION</p>	<p>COLD SPRINGS ROAD AT MOUNT SHASTA LANE REALIGNMENT</p>
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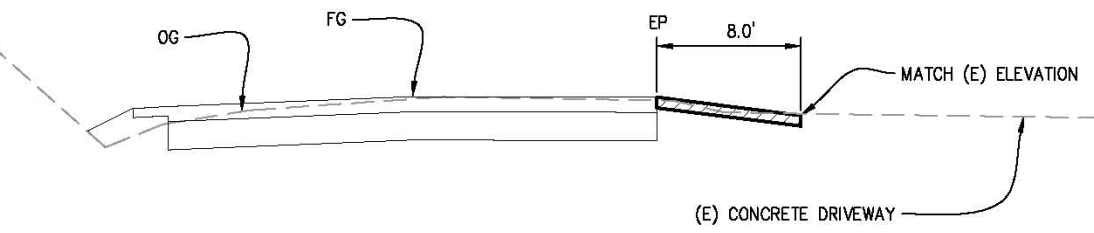
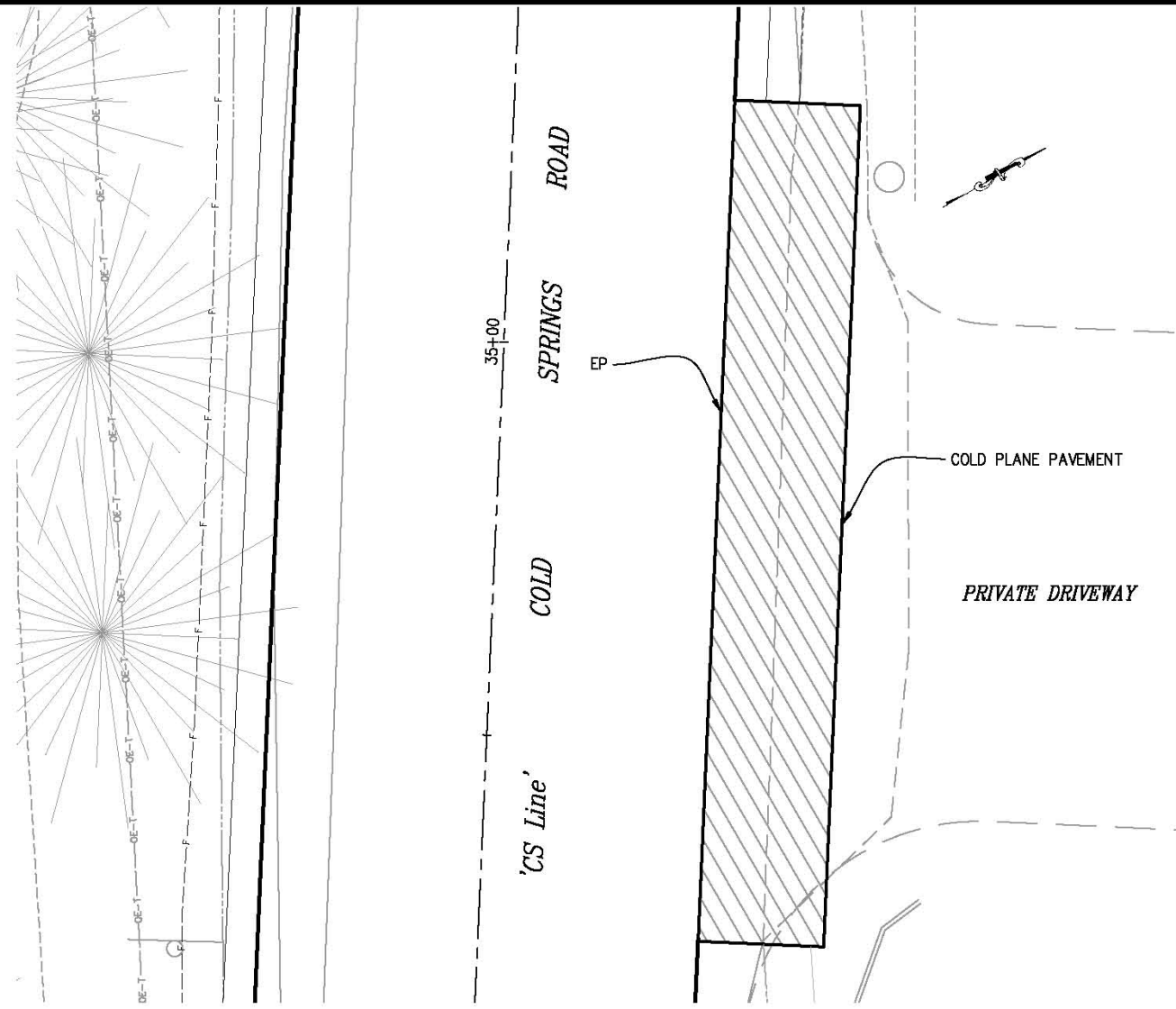
SHEET L-4	10 OF 32
73360	



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 FOR REDUCED PLANS
 2
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1
 'GR' DRIVEWAY DETAIL
 SCALE: H: 1"=10', V: 1"=5'



2
 'CS Line' - 34+62.50 TO 35+16.00
 DRIVEWAY DETAIL
 SCALE: 1"=5'

- LEGEND**
- COLD PLANE PAVEMENT
 - GRAVEL DRIVEWAY (4" MIN)

DRIVEWAY PLANS & PROFILES
 SCALE : AS SHOWN

REVISION	NUMBER	DATE	DESCRIPTION	BY

REGISTERED PROFESSIONAL ENGINEER
 DUSTIN W. HARRINGTON
 No. C71517
 License Expires 12-31-17
 CIVIL
 STATE OF CALIFORNIA
 PREPARED UNDER THE SUPERVISION OF:

 REGISTERED CIVIL ENGINEER
 DATE:

DESIGNED: AN
 DRAWN: AN
 CHECKED: DH
 DATE: 12/22/2015
 ROAD NUMBER: 020

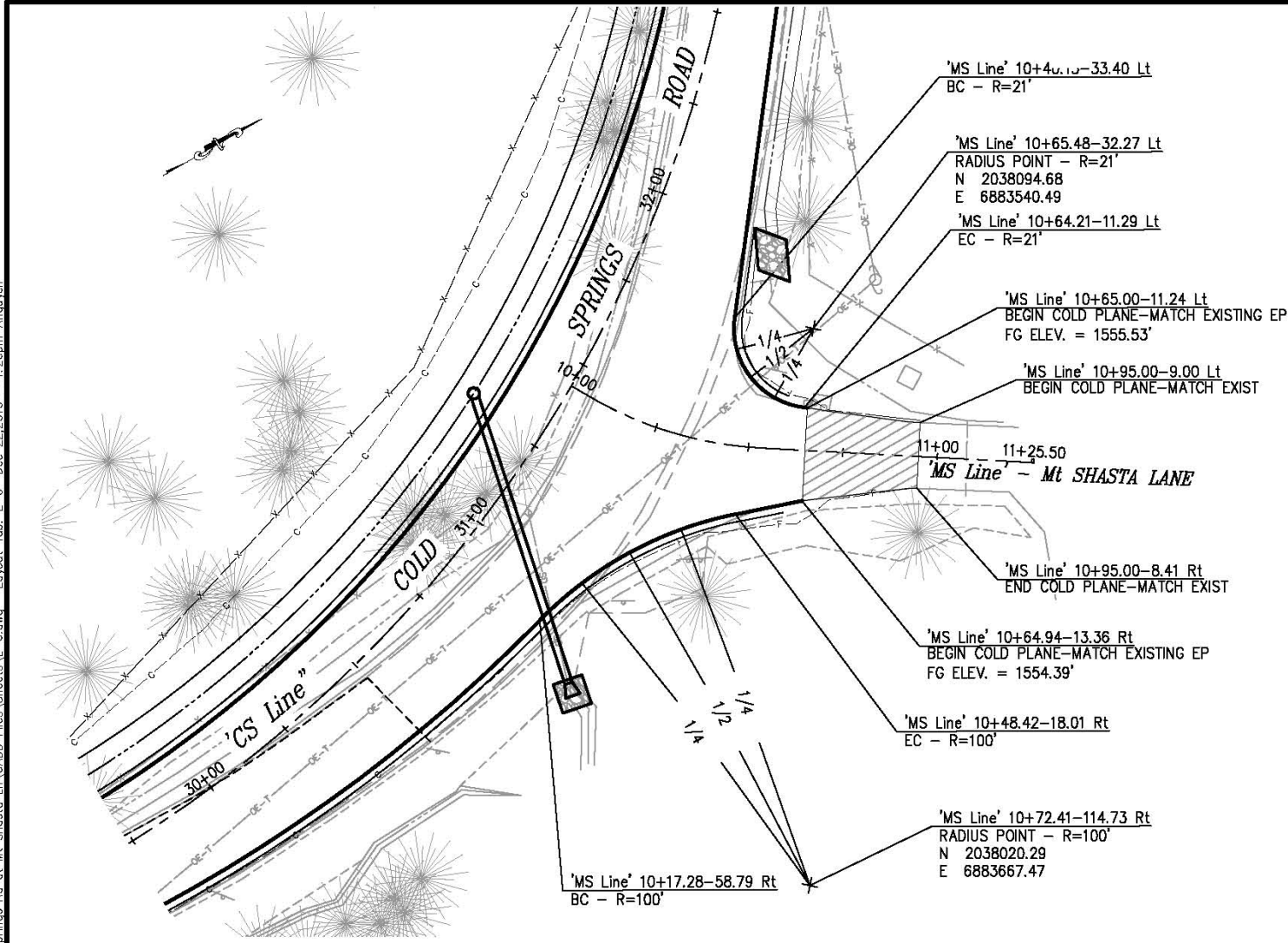


COUNTY OF EL DORADO
 COMMUNITY DEVELOPMENT AGENCY
 TRANSPORTATION DIVISION

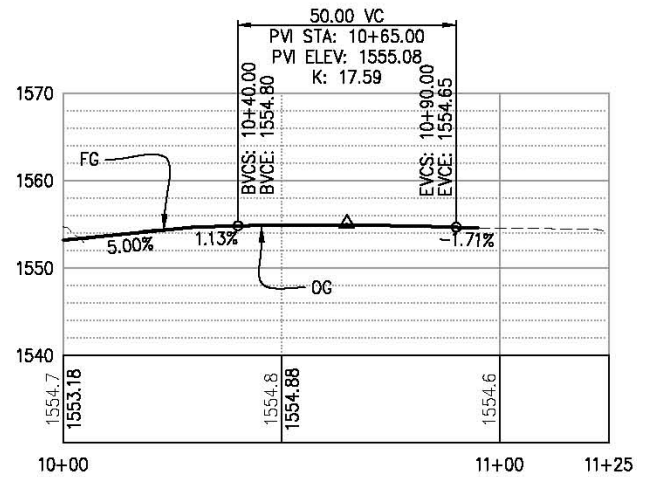
COLD SPRINGS ROAD AT MOUNT
 SHASTA LANE REALIGNMENT

SHEET
 L-5
 11 of 32
 W.D. No. 73360

ORIGINAL SCALE IS IN INCHES
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 FOR REDUCED PLANS: 2
 1
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LEGEND
 COLD PLANE PAVEMENT



1 MT SHASTA LANE PLAN & PROFILE
 SCALE: H: 1"=20', V: 1"=10'

MOUNT SHASTA LANE PLAN & PROFILE
 SCALE : AS SHOWN

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:

 REGISTERED CIVIL ENGINEER
 License Expires 12-31-17
 DATE:

DESIGNED: AN
 DRAWN: AN
 CHECKED: DH
 DATE: 12/22/2015
 ROAD NUMBER: 020

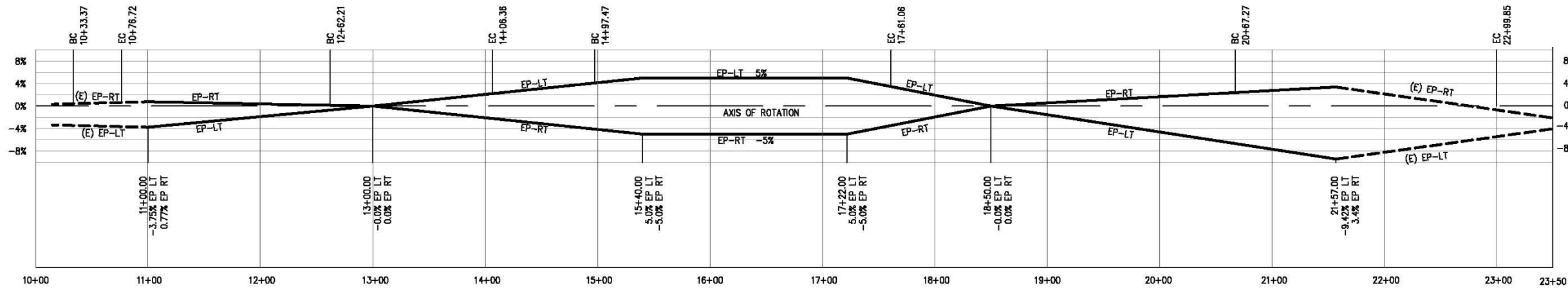


COUNTY OF EL DORADO
 COMMUNITY DEVELOPMENT AGENCY
 TRANSPORTATION DIVISION

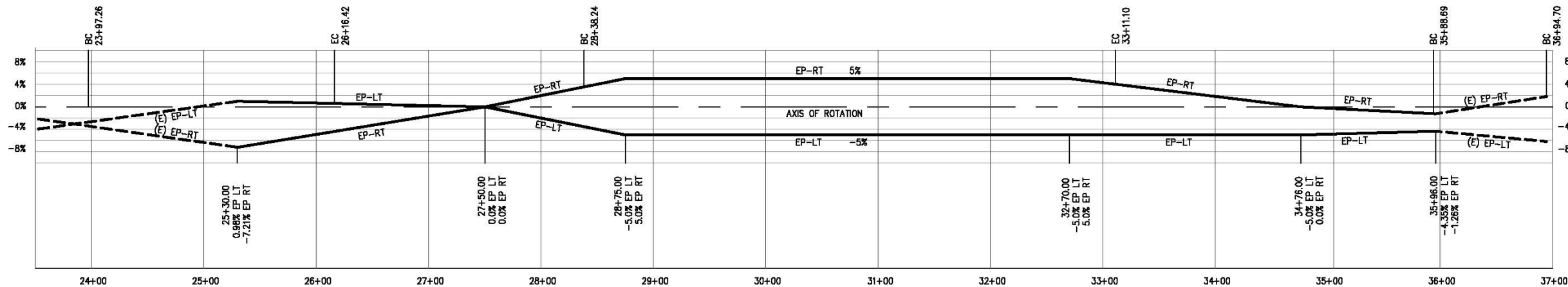
COLD SPRINGS ROAD AT MOUNT
 SHASTA LANE REALIGNMENT

SHEET
 L-6
 12 OF 32
 P.D. No. 73360

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'CS Line' - SUPERELEVATION DIAGRAM



'CS Line' - SUPERELEVATION DIAGRAM

SUPERELEVATION DIAGRAM
SCALE : 1" = 50'

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF :
[Signature]
 REGISTERED CIVIL ENGINEER
 DATE: _____

DESIGNED: AN
 DRAWN: AN
 CHECKED: DH
 DATE: 12/22/2015
 ROAD NUMBER: 020

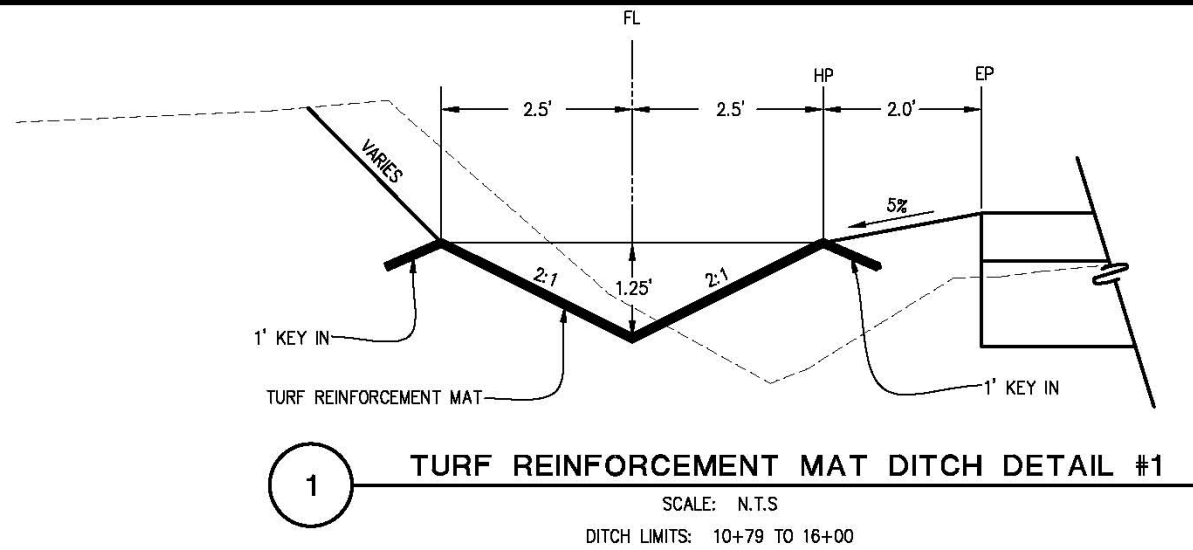


COUNTY OF EL DORADO
 COMMUNITY DEVELOPMENT AGENCY
 TRANSPORTATION DIVISION

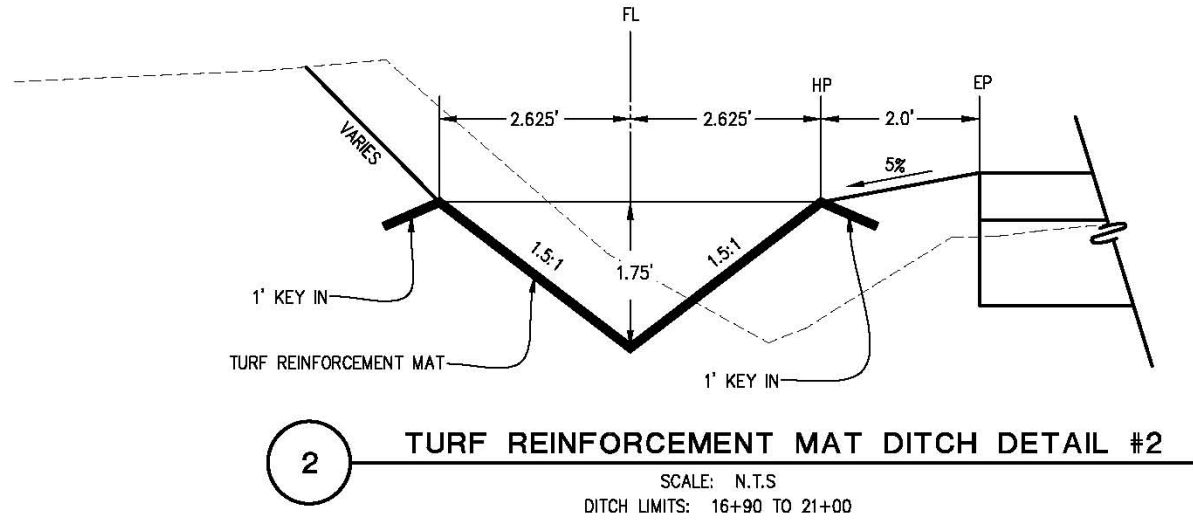
COLD SPRINGS ROAD AT MOUNT
 SHASTA LANE REALIGNMENT

SHEET
 SE-1
 13 of 32
 W.D. No. 73360

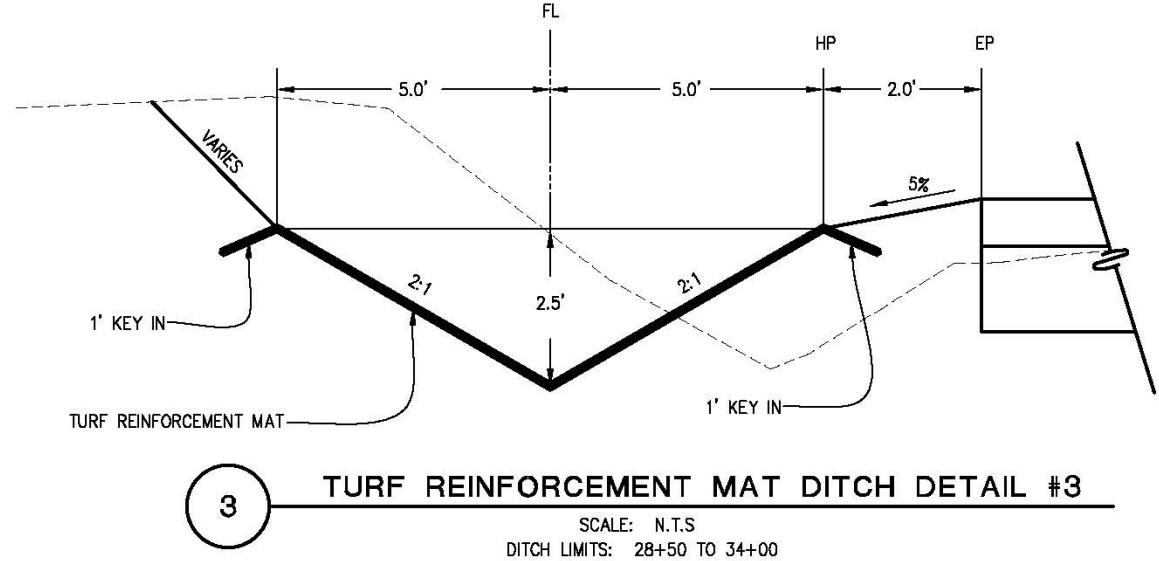
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 FOR REDUCED PLANS
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 REVISION
 NUMBER DATE DESCRIPTION BY



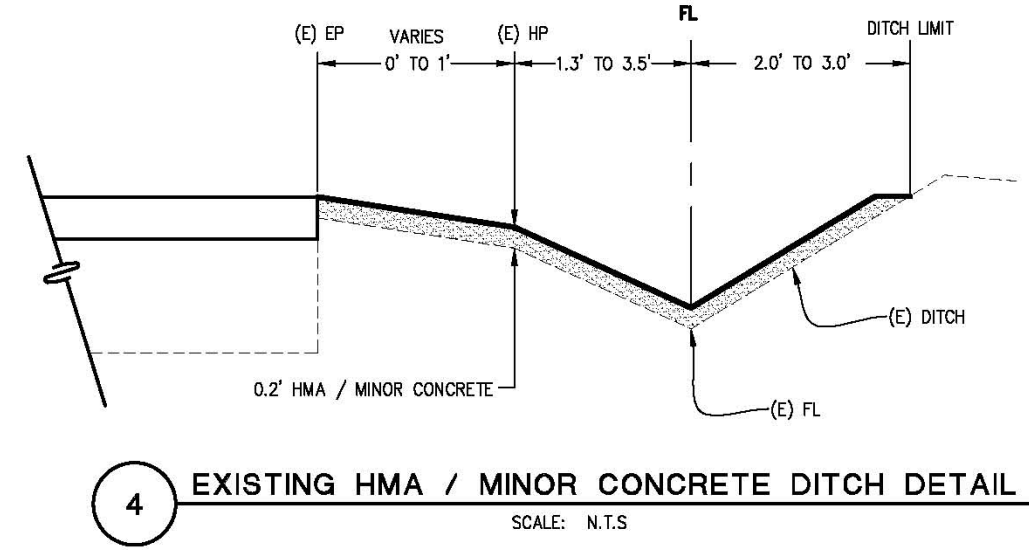
1 **TURF REINFORCEMENT MAT DITCH DETAIL #1**
 SCALE: N.T.S.
 DITCH LIMITS: 10+79 TO 16+00



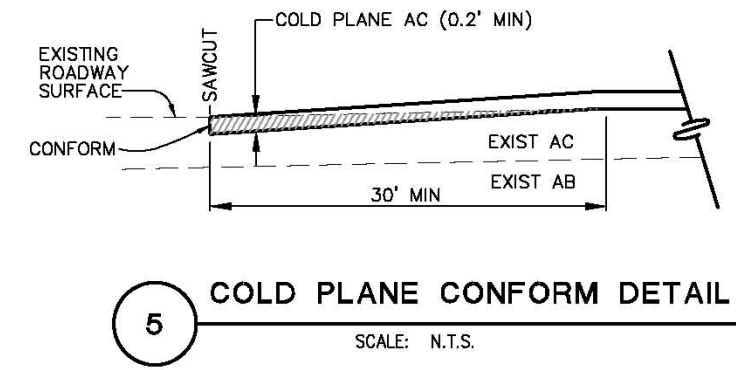
2 **TURF REINFORCEMENT MAT DITCH DETAIL #2**
 SCALE: N.T.S.
 DITCH LIMITS: 16+90 TO 21+00



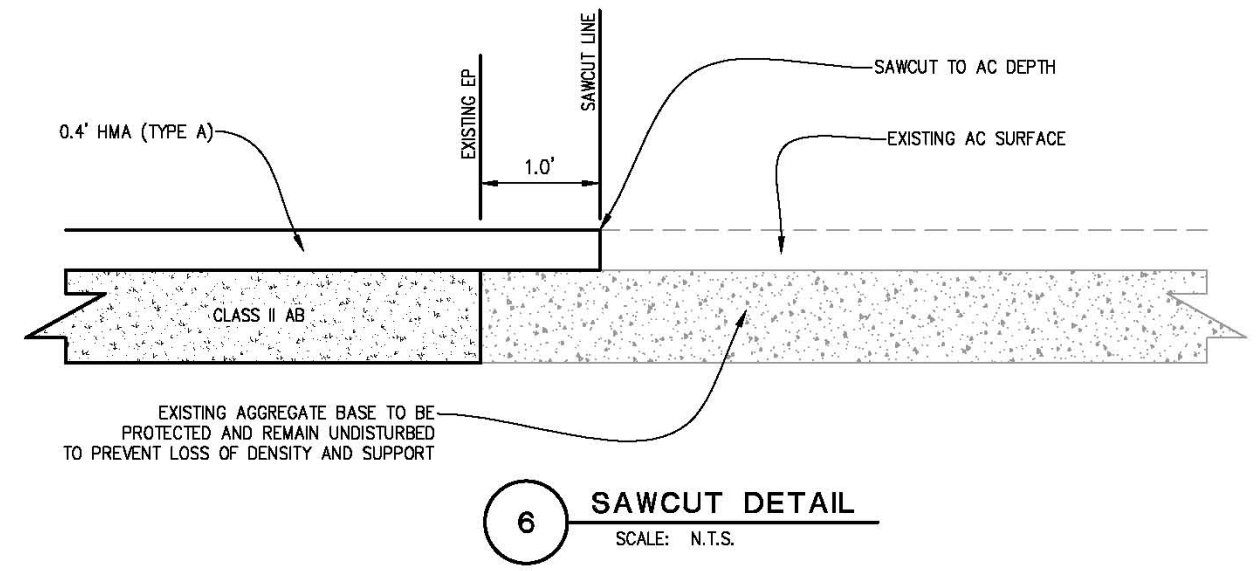
3 **TURF REINFORCEMENT MAT DITCH DETAIL #3**
 SCALE: N.T.S.
 DITCH LIMITS: 28+50 TO 34+00



4 **EXISTING HMA / MINOR CONCRETE DITCH DETAIL**
 SCALE: N.T.S.



5 **COLD PLANE CONFORM DETAIL**
 SCALE: N.T.S.



6 **SAWCUT DETAIL**
 SCALE: N.T.S.

CONSTRUCTION DETAILS
SCALE: N/A



PREPARED UNDER THE SUPERVISION OF:
Justin W. Harrington
 REGISTERED CIVIL ENGINEER
 DATE:

DESIGNED: AN
 DRAWN: AN
 CHECKED: DH
 DATE: 12/22/2015
 ROAD NUMBER: 020



COUNTY OF EL DORADO
 COMMUNITY DEVELOPMENT AGENCY
 TRANSPORTATION DIVISION




COLD SPRINGS ROAD AT MOUNT
 SHASTA LANE REALIGNMENT

SHEET
C-1
 14 of 32
 W.D. No. 73360

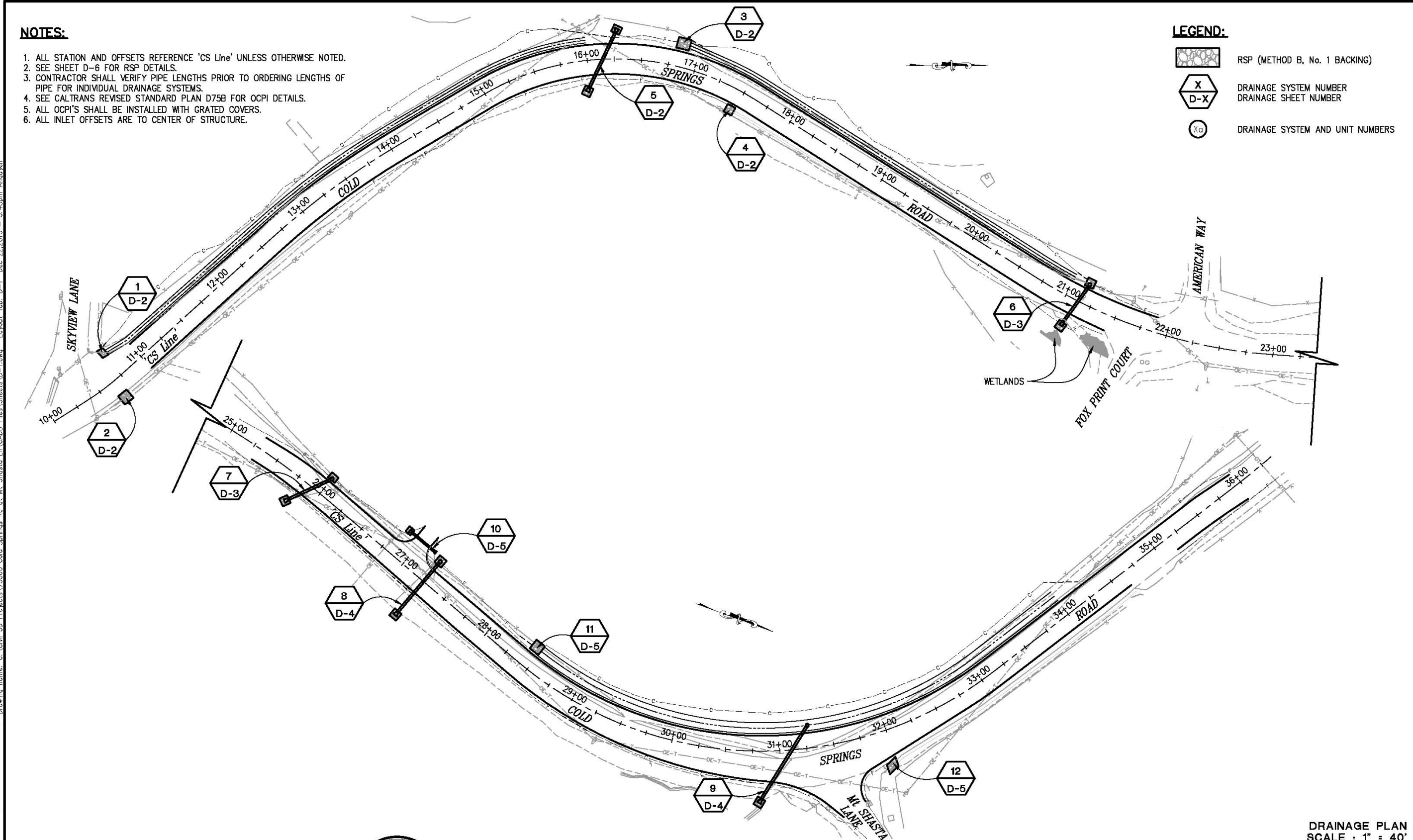
NOTES:

1. ALL STATION AND OFFSETS REFERENCE 'CS Line' UNLESS OTHERWISE NOTED.
2. SEE SHEET D-6 FOR RSP DETAILS.
3. CONTRACTOR SHALL VERIFY PIPE LENGTHS PRIOR TO ORDERING LENGTHS OF PIPE FOR INDIVIDUAL DRAINAGE SYSTEMS.
4. SEE CALTRANS REVISED STANDARD PLAN D75B FOR OCPI DETAILS.
5. ALL OCPI'S SHALL BE INSTALLED WITH GRATED COVERS.
6. ALL INLET OFFSETS ARE TO CENTER OF STRUCTURE.

LEGEND:

-  RSP (METHOD B, No. 1 BACKING)
-  DRAINAGE SYSTEM NUMBER
DRAINAGE SHEET NUMBER
-  DRAINAGE SYSTEM AND UNIT NUMBERS

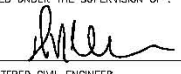
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DRAINAGE PLAN
SCALE : 1" = 40'

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:

 REGISTERED CIVIL ENGINEER
 DATE: _____

DESIGNED: AN
 DRAWN: AN
 CHECKED: DH
 DATE: 12/22/2015
 ROAD NUMBER: 020

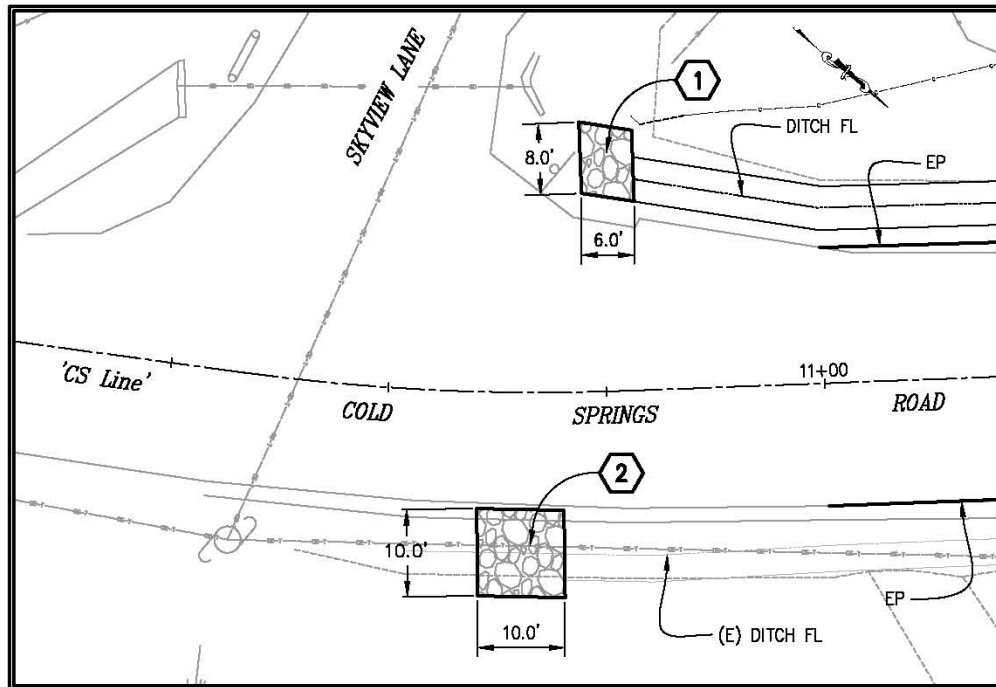


COUNTY OF EL DORADO
COMMUNITY DEVELOPMENT AGENCY
TRANSPORTATION DIVISION

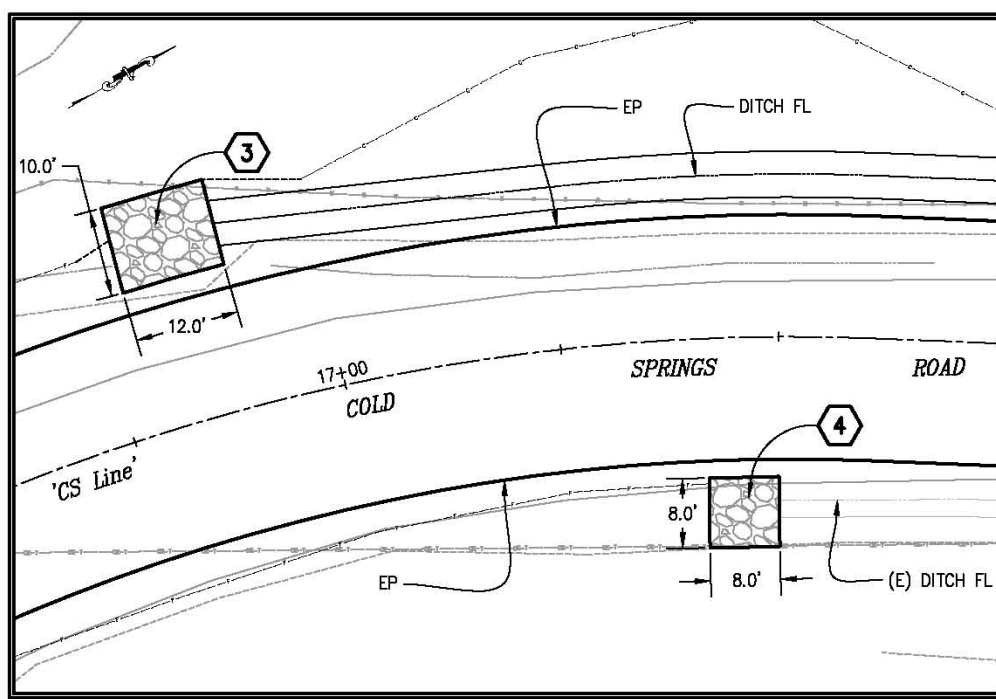
COLD SPRINGS ROAD AT MOUNT SHASTA LANE REALIGNMENT

SHEET
D-1
 15 of 32
 W.D. No. **73360**

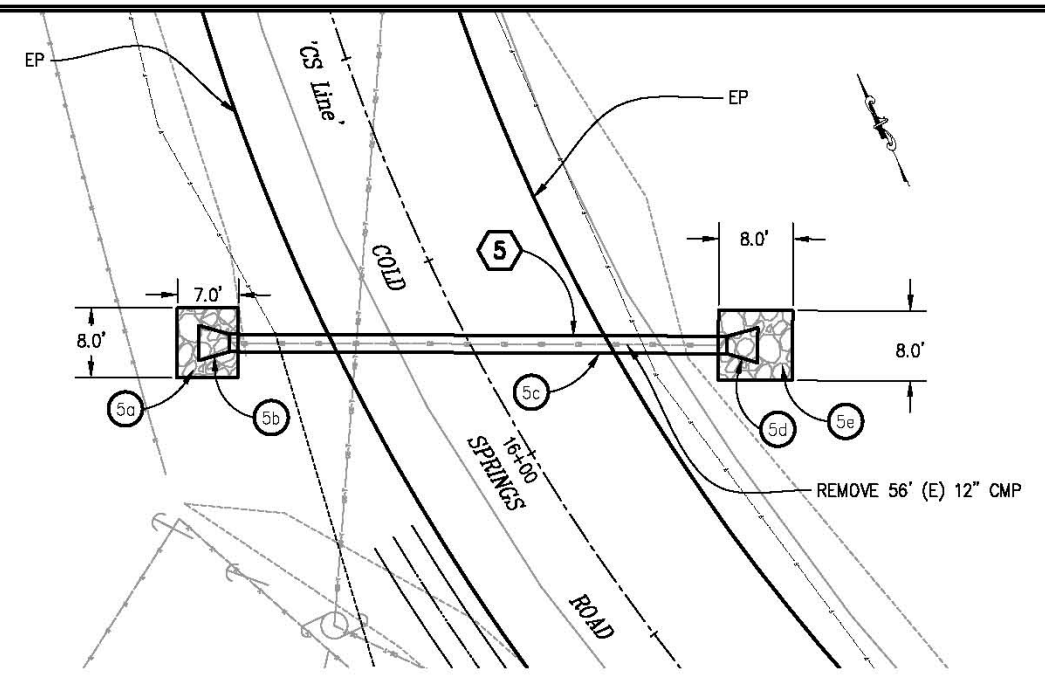
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 REVISION
 NUMBER DATE DESCRIPTION BY



PLAN STORM DRAIN SYSTEM 1 2



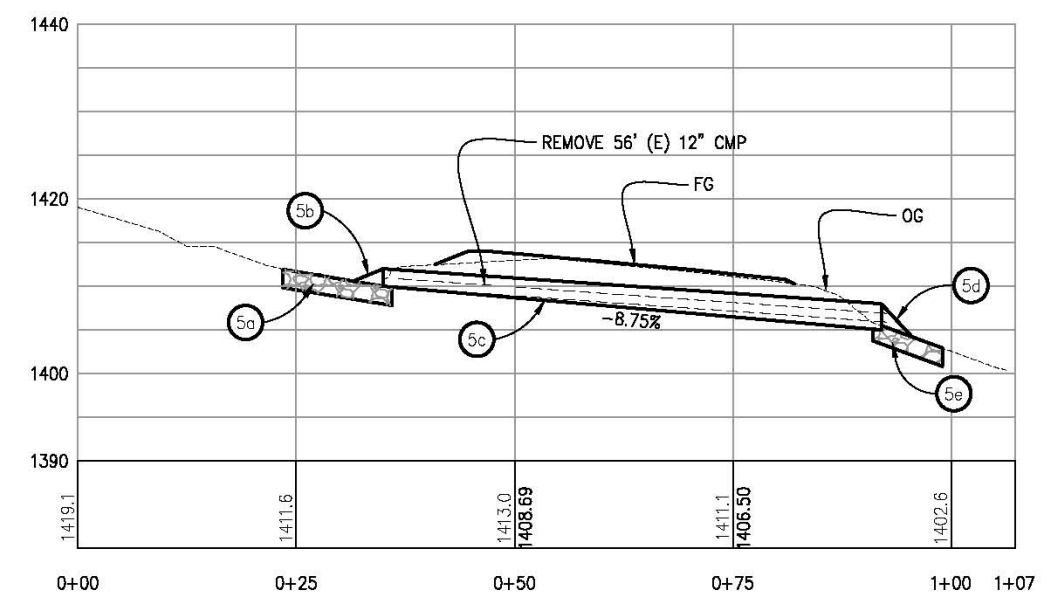
PLAN STORM DRAIN SYSTEM 3 4



PLAN STORM DRAIN SYSTEM 5

CONSTRUCTION NOTES:

- 5a ROCK SLOPE PROTECTION (No. 1 BACKING) & ROCK SLOPE PROTECTION FABRIC WITH 1' KEY IN SEE SHEET D-6 FOR RSP DETAILS
- 5b 24" STEEL FLARED END SECTION 'CS Line' 16+27.40-27.81' Lt INVERT IN ELEV. = 1410.59'
- 5c 24" HDPE = 57.0' 'CS Line' 16+26.07-24.64' Lt 'CS Line' 15+98.89-25.58' Rt INVERT IN ELEV. = 1410.0' INVERT OUT ELEV. = 1405.01' S = 0.0875
- 5d 24" STEEL FLARED END SECTION 'CS Line' 15+96.80-28.55' Rt INVERT OUT ELEV. = 1404.23'
- 5e ROCK SLOPE PROTECTION (No. 1 BACKING) & ROCK SLOPE PROTECTION FABRIC WITH 1' KEY IN SEE SHEET D-6 FOR RSP DETAILS



PROFILE STORM DRAIN SYSTEM 5

DRAINAGE SYSTEM 1, 2, 3, 4, & 5
SCALE : 1" = 10'



PREPARED UNDER THE SUPERVISION OF:
[Signature]
REGISTERED CIVIL ENGINEER

DESIGNED: AN
DRAWN: AN
CHECKED: DH
DATE: 12/22/2015
ROAD NUMBER: 020

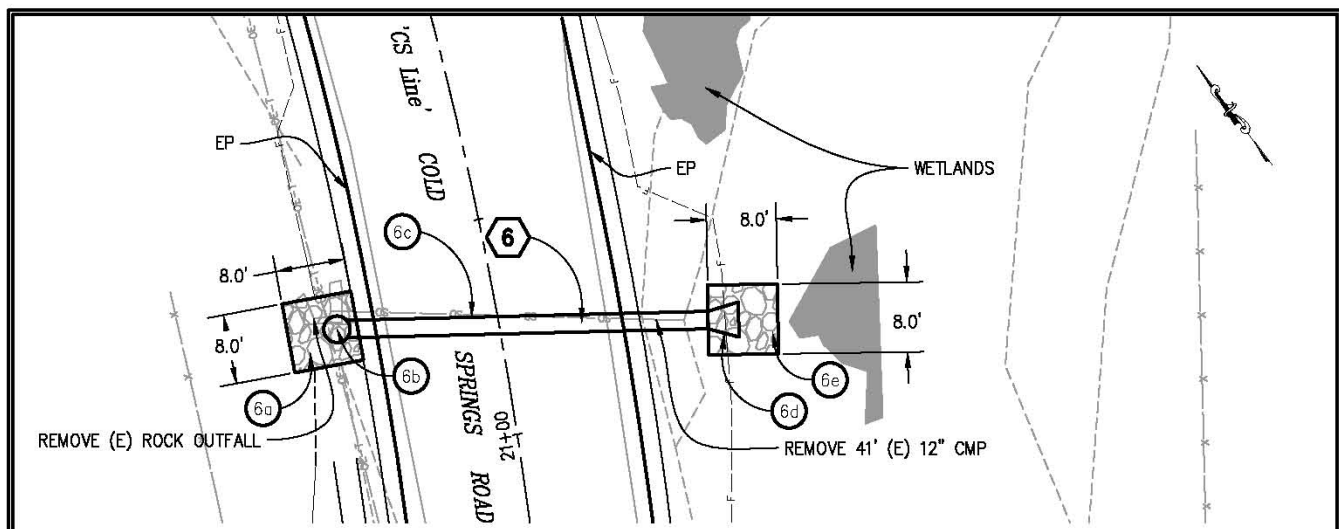


COUNTY OF EL DORADO
COMMUNITY DEVELOPMENT AGENCY
TRANSPORTATION DIVISION

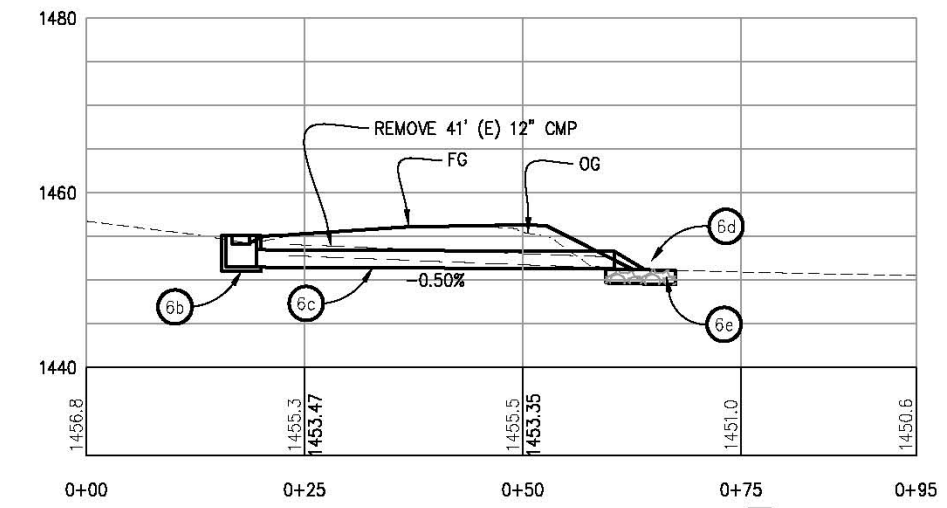
COLD SPRINGS ROAD AT MOUNT
SHASTA LANE REALIGNMENT

SHEET
D-2
16 OF 32
W.D. No. 73360

ORIGINAL SCALE IS IN INCHES
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 FOR REDUCED PLANS
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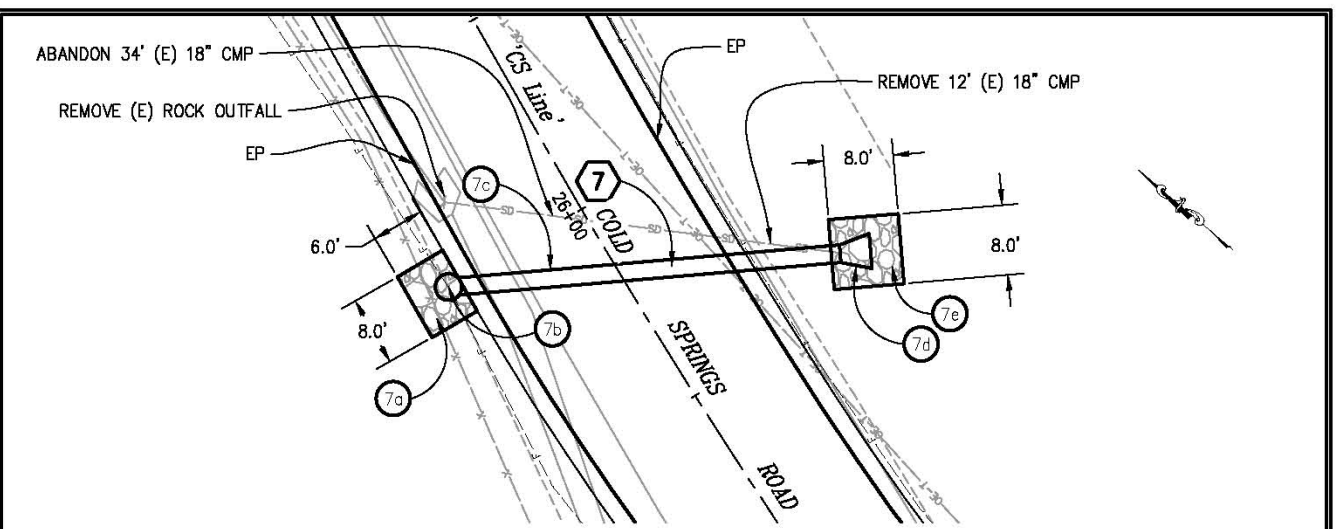
PLAN STORM DRAIN SYSTEM 6



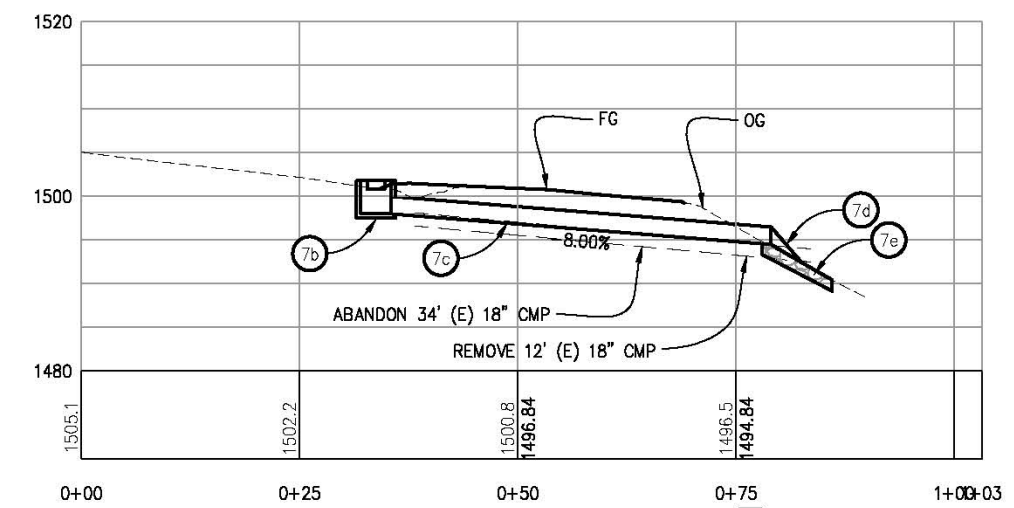
PROFILE STORM DRAIN SYSTEM 6

CONSTRUCTION NOTES:

- 6a ROCK SLOPE PROTECTION (No. 1 BACKING) & ROCK SLOPE PROTECTION FABRIC WITH 1' KEY IN SEE SHEET D-6 FOR RSP DETAILS
- 6b 'CS Line' 21+15.61-18.34' Lt OCPI INLET WITH GRATED TOP FL ELEV. = 1454.15'
- 6c 24" HDPE = 41' 'CS Line' 21+15.36-16.88' Lt 'CS Line' 21+09.18-23.66' Rt INVERT IN ELEV. = 1451.5' INVERT OUT ELEV. = 1451.3' S = 0.005
- 6d 24" STEEL FLARED END SECTION 'CS Line' 21+08.66-27.12' Rt INVERT OUT ELEV. = 1451.22'
- 6e ROCK SLOPE PROTECTION (No. 1 BACKING) & ROCK SLOPE PROTECTION FABRIC WITH 1' KEY IN SEE SHEET D-6 FOR RSP DETAILS



PLAN STORM DRAIN SYSTEM 7



PROFILE STORM DRAIN SYSTEM 7

CONSTRUCTION NOTES:

- 7a ROCK SLOPE PROTECTION (No. 1 BACKING) & ROCK SLOPE PROTECTION FABRIC WITH 1' KEY IN SEE SHEET D-6 FOR RSP DETAILS
- 7b 'CS Line' 26+00.00-17.63' Lt OCPI INLET WITH GRATED TOP FL ELEV. = 1500.82'
- 7c 24" HDPE = 44' 'CS Line' 25+99.37-16.28' Lt 'CS Line' 25+80.03-22.73' Rt INVERT IN ELEV. = 1498.0' INVERT OUT ELEV. = 1494.52' S = 0.08
- 7d 24" STEEL FLARED END SECTION 'CS Line' 25+78.37-25.84' Rt INVERT OUT ELEV. = 1492.46'
- 7e ROCK SLOPE PROTECTION (No. 1 BACKING) & ROCK SLOPE PROTECTION FABRIC WITH 1' KEY IN SEE SHEET D-6 FOR RSP DETAILS

**DRAINAGE SYSTEM 6 & 7
SCALE : 1" = 10'**

REVISION	NUMBER	DATE	DESCRIPTION	BY

PREPARED UNDER THE SUPERVISION OF:

 No. C71517
 LICENSE EXPIRES 12-31-17
 REGISTERED CIVIL ENGINEER
 STATE OF CALIFORNIA

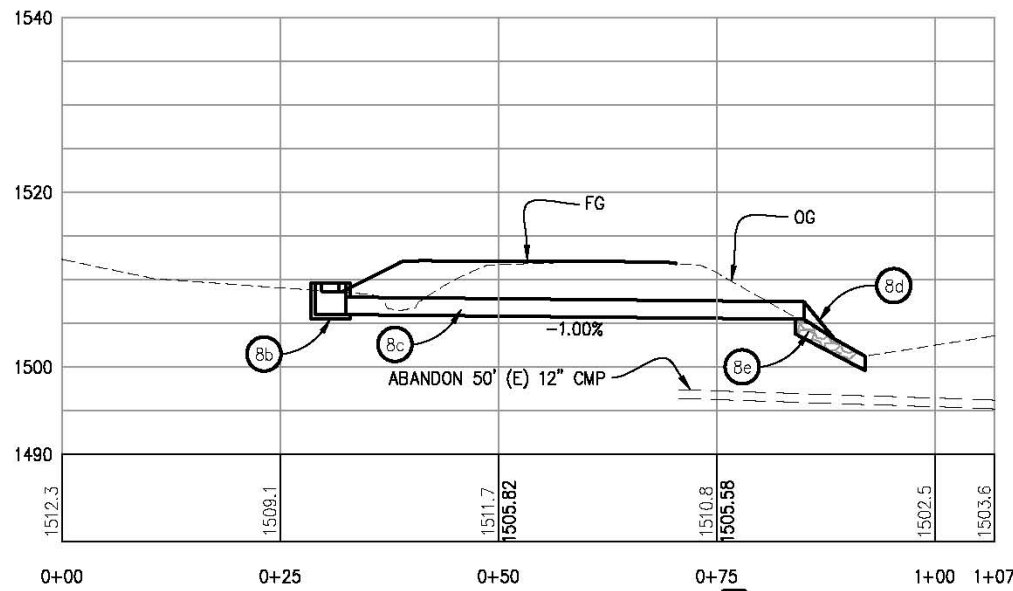
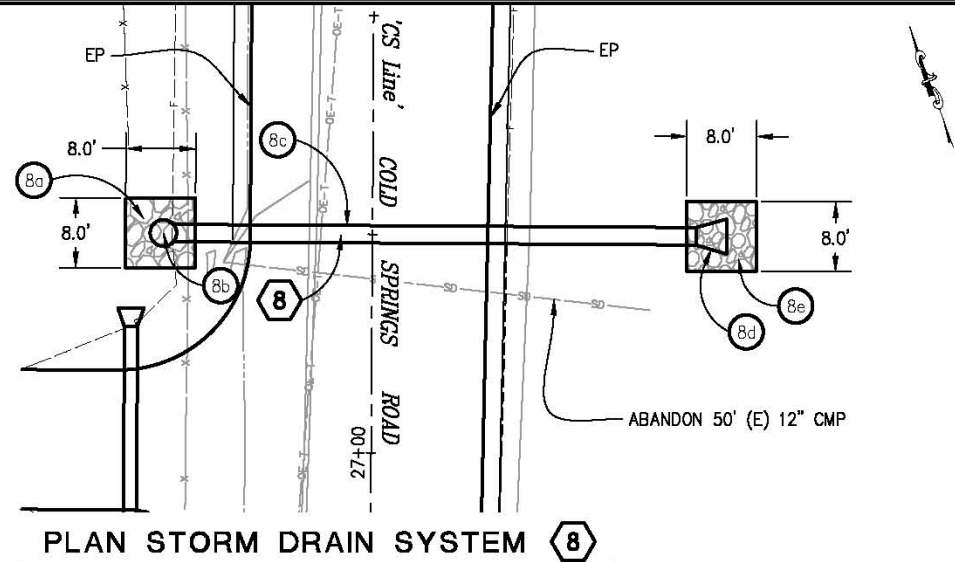
DESIGNED: AN	DRAWN: AN
CHECKED: DH	DATE: 12/22/2015
ROAD NUMBER: 020	

**COUNTY OF EL DORADO
COMMUNITY DEVELOPMENT AGENCY
TRANSPORTATION DIVISION**

**COLD SPRINGS ROAD AT MOUNT
SHASTA LANE REALIGNMENT**

SHEET
D-3
 17 of 32
 W.D. No. **73360**

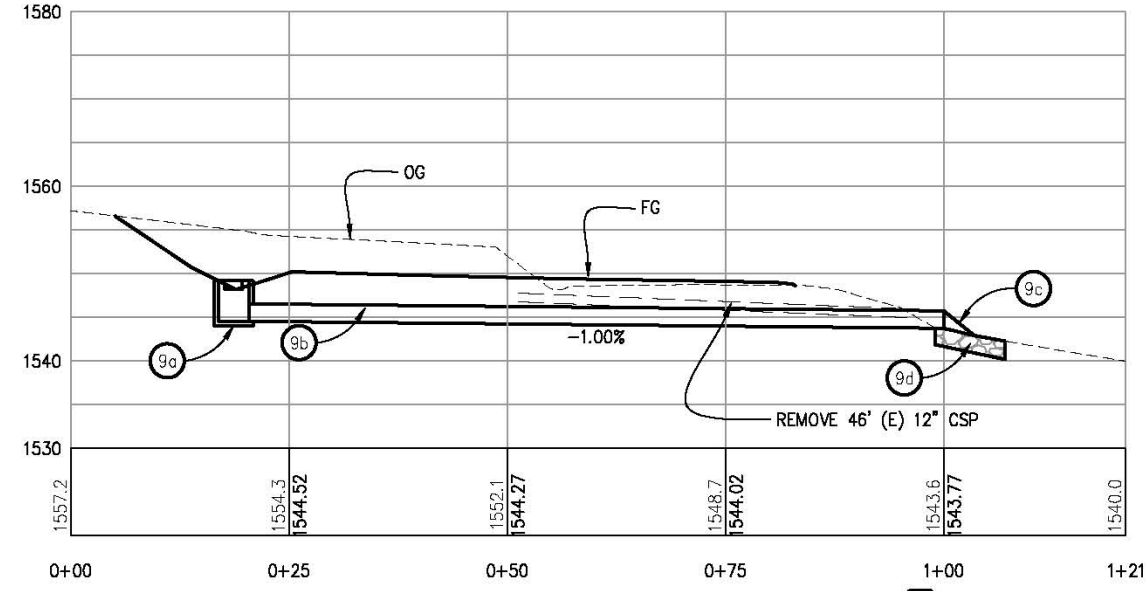
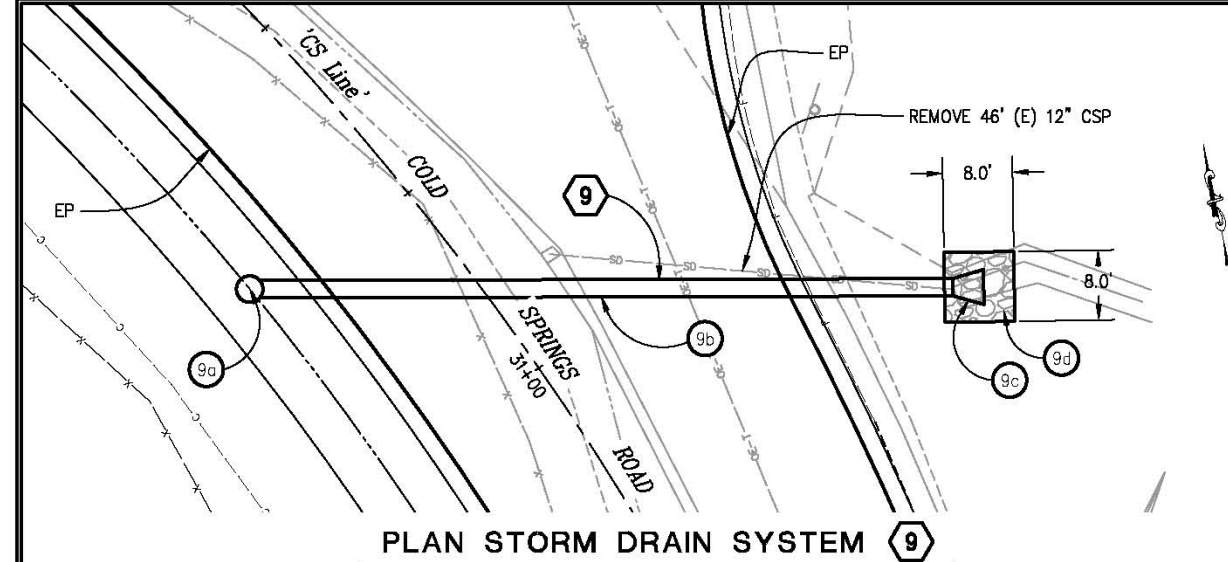
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 FOR REDUCED PLANS
 REVISION



PROFILE STORM DRAIN SYSTEM 8

CONSTRUCTION NOTES:

- 8a ROCK SLOPE PROTECTION (No. 1 BACKING) & ROCK SLOPE PROTECTION FABRIC WITH 1' KEY IN SEE SHEET D-6 FOR RSP DETAILS
- 8b 'CS Line' 27+25.00-23.94' Lt OCPI INLET WITH GRATED TOP FL ELEV. = 1508.65'
- 8c 24" HDPE = 53' 'CS Line' 27+25.00-22.82' Lt 'CS Line' 27+25.00-37.07' Rt INVERT IN ELEV. = 1506.0' INVERT OUT ELEV. = 1505.48' S = 0.01
- 8d 24" STEEL FLARED END SECTION 'CS Line' 27+25.01-40.57' Rt INVERT OUT ELEV. = 1503.2'
- 8e ROCK SLOPE PROTECTION (No. 1 BACKING) & ROCK SLOPE PROTECTION FABRIC WITH 1' KEY IN SEE SHEET D-6 FOR RSP DETAILS



PROFILE STORM DRAIN SYSTEM 9

CONSTRUCTION NOTES:

- 9a 'CS Line' 31+28.00-21.0' Lt OCPI INLET WITH GRATED TOP FL ELEV. = 1548.21'
- 9b 24" HDPE = 80' 'CS Line' 31+25-19.84' Lt 'CS Line' 30+82.75-44.74' Rt INVERT IN ELEV. = 1544.56' INVERT OUT ELEV. = 1543.77' S = 0.01
- 9c 24" STEEL FLARED END SECTION 'CS Line' 30+81.17-47.75' Rt INVERT OUT ELEV. = 1542.94'
- 9d ROCK SLOPE PROTECTION (No. 1 BACKING) & ROCK SLOPE PROTECTION FABRIC WITH 1' KEY IN SEE SHEET D-6 FOR RSP DETAILS

DRAINAGE SYSTEM 8 & 9
SCALE : 1" = 10'

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
Justin W. Harrington
 REGISTERED CIVIL ENGINEER
 DATE:

DESIGNED: AN
 DRAWN: AN
 CHECKED: DH
 DATE: 12/22/2015
 ROAD NUMBER: 020

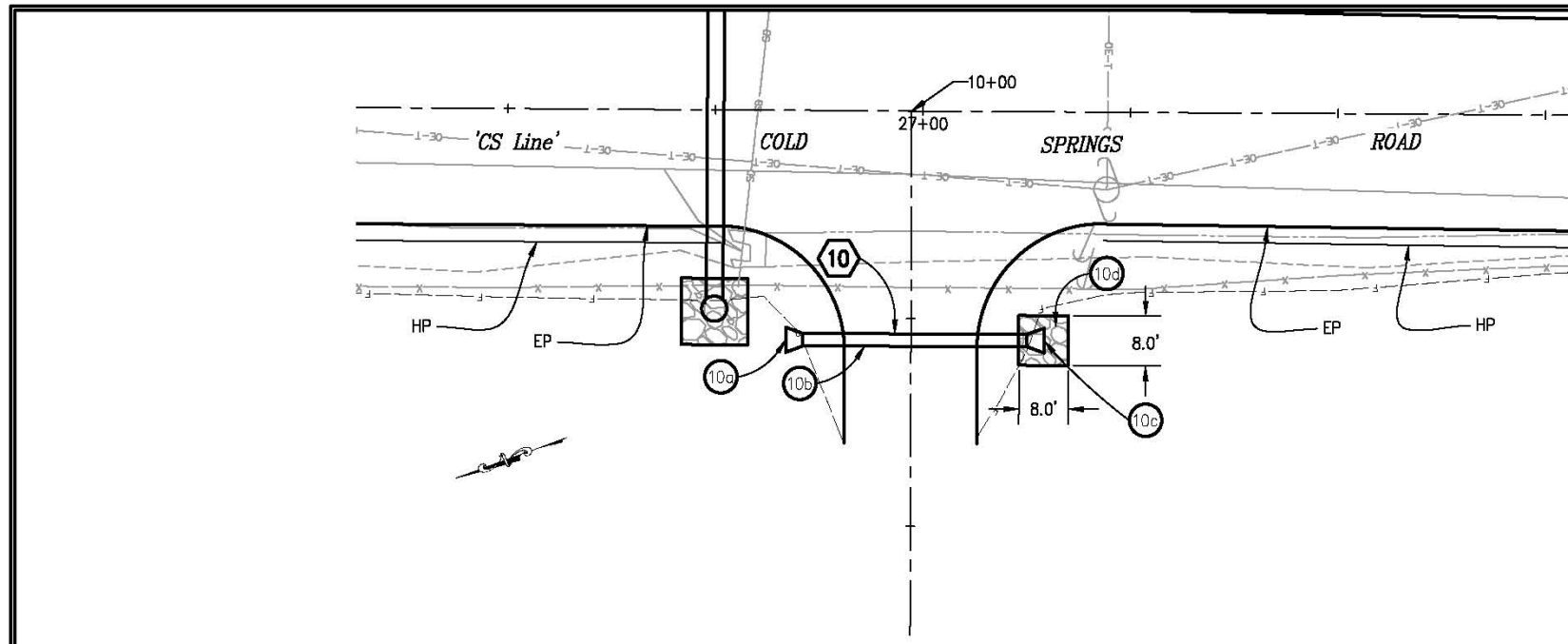


COUNTY OF EL DORADO
COMMUNITY DEVELOPMENT AGENCY
TRANSPORTATION DIVISION

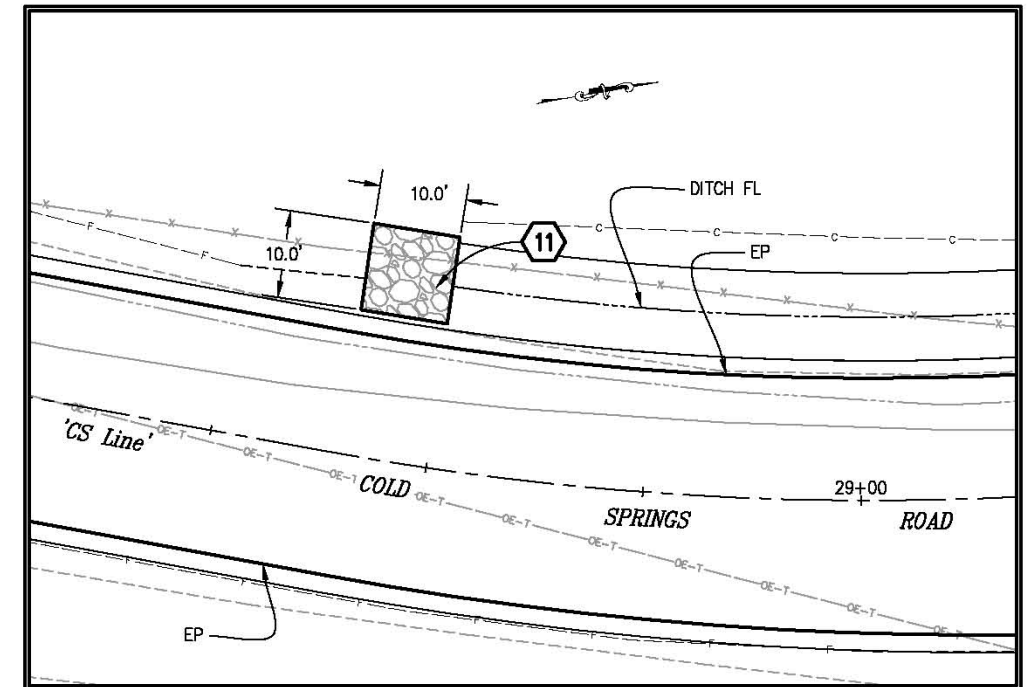
COLD SPRINGS ROAD AT MOUNT
SHASTA LANE REALIGNMENT

SHEET
D-4
 18 OF 32
 W.D. No. **73360**

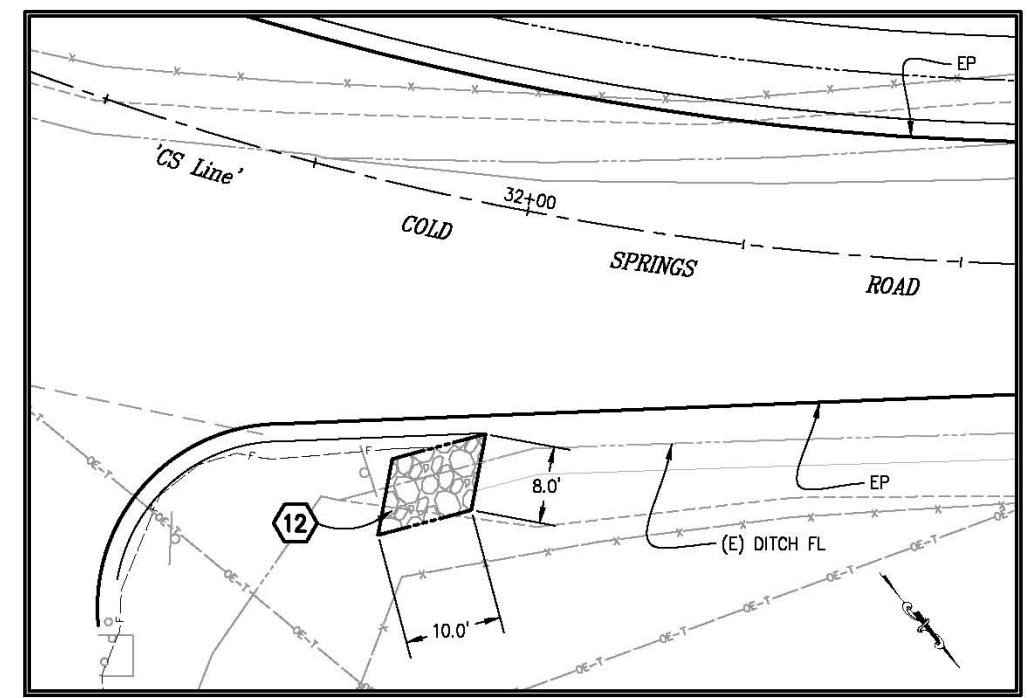
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PLAN STORM DRAIN SYSTEM 10



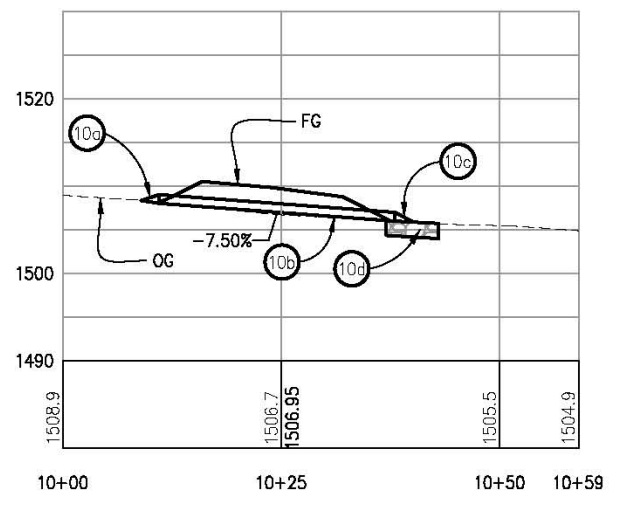
PLAN STORM DRAIN SYSTEM 11



PLAN STORM DRAIN SYSTEM 12

CONSTRUCTION NOTES:

- 10a 12" STEEL FLARED END SECTION
'CS Line' 27+16.40-27.62' Lt
INVERT IN ELEV. = 1508.35'
- 10b 12" HDPE = 27.0'
'CS Line' 27+14.32-27.61' Lt
'CS Line' 26+87.32-27.53' Lt
INVERT IN ELEV. = 1508.0'
INVERT OUT ELEV. = 1505.98'
S = 0.075
- 10c 12" STEEL FLARED END SECTION
'CS Line' 26+85.24-27.52' Lt
INVERT OUT ELEV. = 1505.84'
- 10d ROCK SLOPE PROTECTION (No. 1 BACKING) &
ROCK SLOPE PROTECTION FABRIC WITH 1' KEY IN
SEE SHEET D-6 FOR RSP DETAILS



PROFILE STORM DRAIN SYSTEM 10

DRAINAGE SYSTEM 10, 11, & 12
SCALE : 1" = 10'

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
 [Signature]
 REGISTERED CIVIL ENGINEER
 License Expires 12-31-17
 DATE:

DESIGNED: AN
 DRAWN: AN
 CHECKED: DH
 DATE: 12/22/2015
 ROAD NUMBER: 020



COUNTY OF EL DORADO
 COMMUNITY DEVELOPMENT AGENCY
 TRANSPORTATION DIVISION

COLD SPRINGS ROAD AT MOUNT
 SHASTA LANE REALIGNMENT

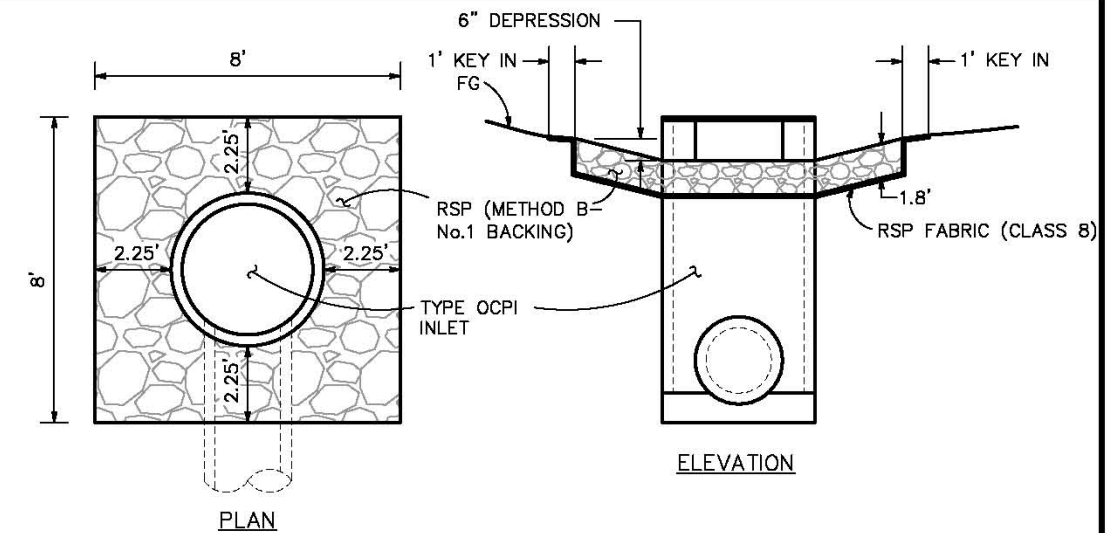
SHEET
 D-5
 19 of 32
 W.D. No. 73360

ORIGINAL SCALE IS IN INCHES
 Drawing name: C:\Civil_3D\Projects\73360_Cold Springs Rd. at Mt. Shasta Ln\CADD Files\Sheets\D-6.dwg Layout Tab: D-6 - Dec 22, 2015 - 5:32pm - Anguven

DRAINAGE PLAN SHEET NO.	DRAINAGE SYSTEM No.	DRAINAGE UNIT	DESCRIPTION												STATION	DRAINAGE UNIT	DRAINAGE SYSTEM No.	DRAINAGE PLAN SHEET NO.		
			TYPE OCPI INLET	12" HDPE	24" HDPE	RSP (METHOD B-No. 1 BACKING)	12" STEEL FES	24" STEEL FES	REMOVE 12" CSP	REMOVE 12" CMP	REMOVE 18" CMP	FRAME & GRATE (TYPE 36R) (N)	REMOVE ROCK OUTFALL	ABANDON PIPE					RSP FABRIC (CLASS 8)	
D-2	1	EA				3.2												8.9	D-2	
		LF																16		
		LF																18.7		
		CY																11.1		
		EA																10		
D-3	6	a				4.3												11.1	D-3	
		b	1			4.3												11.1		
		c		41					41		1									8.9
		d																		11.1
		e																		8.9
D-4	8	a				4.3												11.1	D-4	
		b	1			4.3												11.1		
		c		53									50							11.1
		d																		11.1
		e																		11.1
D-5	10	a				4.3												11.1	D-5	
		b		27.0																11.1
		c																		16
		d																		13.3
		EA																		13.3
TOTAL		4	27	275	75.5	2	6	46	97	12	4	2	84	192						

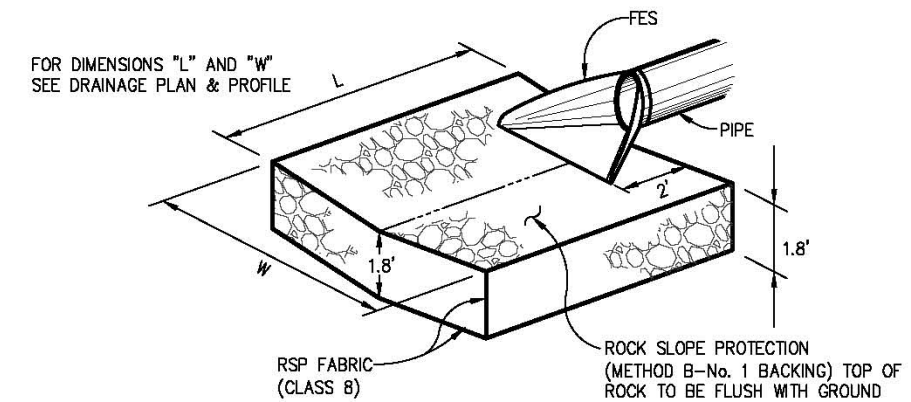
(N) NOT A SEPARATE PAY ITEM

DRAINAGE SYSTEM No.	L (LF)	W (LF)
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2	10	10
3	12	10
4	8	8
11	10	10
12	10	8



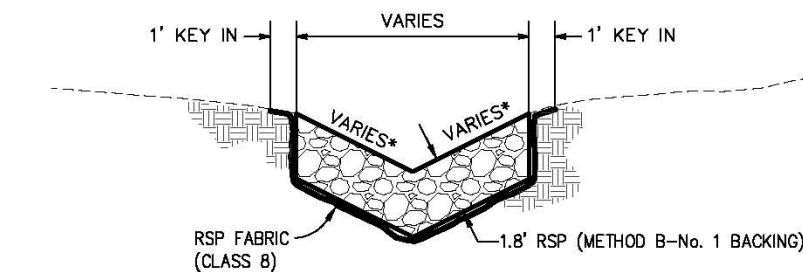
RSP DETAILS FOR OCPI

SCALE: N/A



RSP DETAILS FOR FES

SCALE: N/A
* DETAIL DOES NOT SHOW 1' KEY IN



RSP DETAILS FOR DITCHES

SCALE: N/A
* FOLLOW SIDE SLOPES OF TRM DITCHES

SUMMARY OF DRAINAGE QUANTITIES

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
Justin W. Harrington
 REGISTERED CIVIL ENGINEER
 License Expires 12-31-17

DESIGNED: AN
 DRAWN: AN
 CHECKED: DH
 DATE: 12/22/2015
 ROAD NUMBER: 020

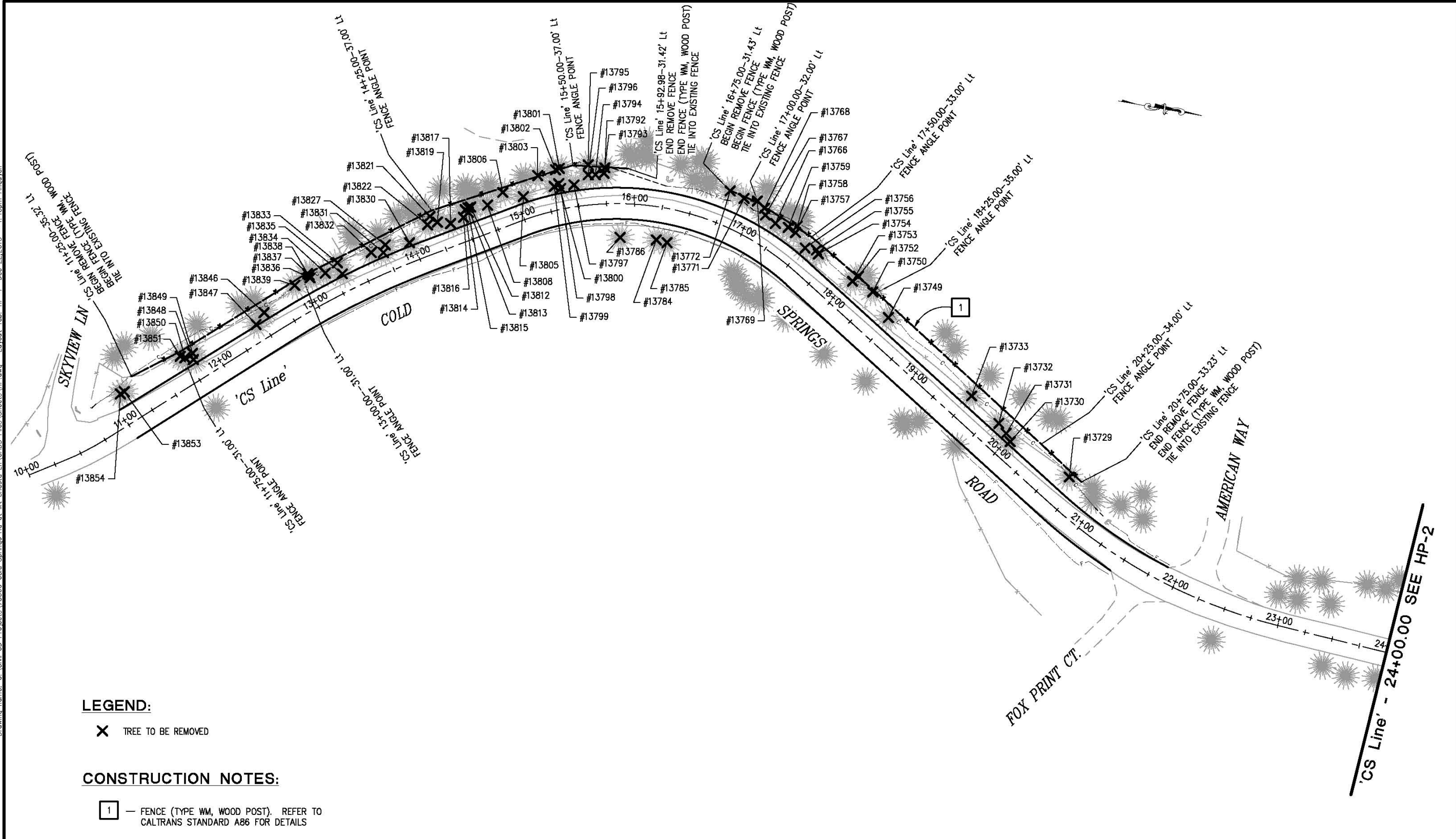


COUNTY OF EL DORADO
 COMMUNITY DEVELOPMENT AGENCY
 TRANSPORTATION DIVISION

COLD SPRINGS ROAD AT MOUNT
 SHASTA LANE REALIGNMENT

SHEET
D-6
 20 of 32
 W.D. No. 73360


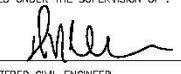

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LEGEND:
 X TREE TO BE REMOVED

CONSTRUCTION NOTES:
 1 — FENCE (TYPE WM, WOOD POST). REFER TO CALTRANS STANDARD A86 FOR DETAILS

TREE REMOVAL & FENCING PLAN
 SCALE : 1" = 40'

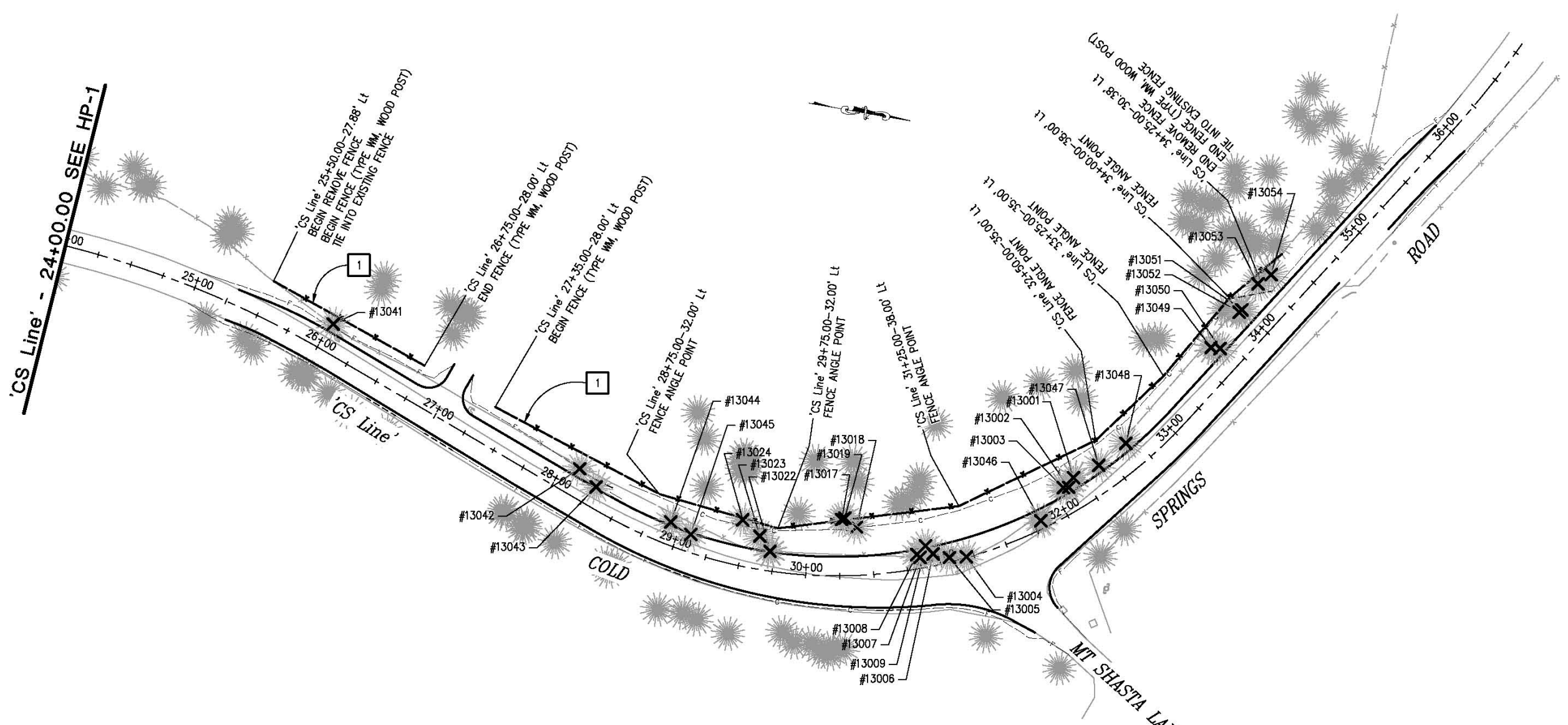
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 10%;">REVISION</th> <th style="width: 10%;">NUMBER</th> <th style="width: 10%;">DATE</th> <th style="width: 10%;">DESCRIPTION</th> <th style="width: 10%;">BY</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>	REVISION	NUMBER	DATE	DESCRIPTION	BY						 <p>PREPARED UNDER THE SUPERVISION OF:  REGISTERED CIVIL ENGINEER DATE: _____</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>DESIGNED: AN</td> <td>DRAWN: AN</td> </tr> <tr> <td>CHECKED: DH</td> <td>DATE: 12/22/2015</td> </tr> <tr> <td>ROAD NUMBER: 020</td> <td> </td> </tr> </table>	DESIGNED: AN	DRAWN: AN	CHECKED: DH	DATE: 12/22/2015	ROAD NUMBER: 020		 <p>COUNTY OF EL DORADO COMMUNITY DEVELOPMENT AGENCY TRANSPORTATION DIVISION</p>	<p>COLD SPRINGS ROAD AT MOUNT SHASTA LANE REALIGNMENT</p>	<p>SHEET HP-1 21 OF 32 P.D. No. 73360</p>
REVISION	NUMBER	DATE	DESCRIPTION	BY																	
DESIGNED: AN	DRAWN: AN																				
CHECKED: DH	DATE: 12/22/2015																				
ROAD NUMBER: 020																					

LEGEND:

X TREE TO BE REMOVED

CONSTRUCTION NOTES:

1 — FENCE (TYPE WM, WOOD POST). SEE CALTRANS STANDARD PLAN A86 FOR DETAILS



ORIGINAL SCALE IS IN INCHES
Drawing name: C:\Civil_3D\Projects\73360_Cold_Springs_Rd_at_Mt_Shasta_Ln\CADD_Files\Sheets\HP.dwg Layout Tab: HP-2 Dec 22, 2015 2:53pm Andreyev

FOR REDUCED PLANS
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TREE REMOVAL AND FENCING PLAN
SCALE : 1" = 40'

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
[Signature]
REGISTERED CIVIL ENGINEER
DATE: _____

DESIGNED: AN
DRAWN: AN
CHECKED: DH
DATE: 12/22/2015
ROAD NUMBER: 020



COUNTY OF EL DORADO
COMMUNITY DEVELOPMENT AGENCY
TRANSPORTATION DIVISION

COLD SPRINGS ROAD AT MOUNT
SHASTA LANE REALIGNMENT

SHEET
HP-2
22 OF 32
W.D. No. 73360

ORIGINAL SCALE IS IN INCHES
 Drawing name: C:\Civil 3D\Projects\73360_Cold Springs Rd. at Mt. Shasta Ln\CADD Files\Sheets\HP.dwg Layout Tab: HP-3 Dec 22, 2015 - 3:20pm Ananyev
 FOR REDUCED PLANS
 REVISION

TREE REMOVAL DATA

POINT NUMBER	NORTHING	EASTING	DIAMETER (Ft)	DESCRIPTION	NOTE
13001	2038077.4310	6883461.4740	1.08 & 1.08	OAK	FORKED
13002	2038075.1980	6883469.0500	0.83, 1.05, & 1.5	OAK	CLUSTER
13003	2038071.3450	6883469.9810	0.51 & 0.6	OAK	FORKED
13004	2038009.9740	6883532.3830	2.01 & 1.4	OAK	FORKED
13005	2037997.7020	6883535.0630	1.11	OAK	-
13006	2037985.5330	6883534.4170	0.37 & 0.86	OAK	FORKED
13007	2037976.4370	6883538.7780	0.73 & 0.95	OAK	FORKED
13008	2037973.9150	6883536.9600	0.92	OAK	-
13009	2037979.0490	6883529.6510	0.35, 0.41, & 0.41	OAK	CLUSTER
13017	2037915.0560	6883521.2390	0.8, 0.99, & 1.08	OAK	CLUSTER
13018	2037926.8030	6883524.8520	0.45	OAK	-
13019	2037917.1050	6883519.8480	0.33 & 0.41	OAK	FORKED
13022	2037867.2750	6883553.4700	0.38	OAK	-
13023	2037857.9150	6883543.6790	0.35	OAK	-
13024	2037843.5150	6883534.1640	0.57	OAK	-
13041	2037522.3450	6883444.8220	2.26	OAK	-
13042	2037718.9510	6883518.0510	0.45, 0.54, 0.95, & 1.15	OAK	CLUSTER
13043	2037733.1710	6883528.9800	1.27 & 1.37	OAK	FORKED
13044	2037791.8090	6883544.9340	0.73, 0.8, & 1.43	OAK	CLUSTER
13045	2037807.7870	6883551.2690	2.61	OAK	-
13046	2038059.2450	6883496.7590	0.6	PINE	-
13047	2038094.1810	6883449.3030	0.67, .7, .83, .38, .51, .54, & .6	OAK	CLUSTER
13048	2038110.8930	6883429.9140	0.7	PINE	-
13049	2038160.3810	6883349.9220	0.95	OAK	-
13050	2038167.0290	6883349.3720	0.38	PINE	-
13051	2038177.8990	6883318.5950	0.92 & 0.92	OAK	FORKED
13052	2038176.1920	6883320.7140	0.54 & 1.5	OAK	FORKED
13053	2038186.1370	6883297.7990	0.73	OAK	-
13054	2038194.4510	6883289.5360	0.38, 0.41, & 0.41	OAK	CLUSTER
13729	2037012.1010	6883317.0940	.54, .45, .6, .41, .67, .64, & .7	OAK	CLUSTER
13730	2036954.6570	6883295.0730	1.18	OAK	-
13731	2036949.8030	6883288.4910	1.11	OAK	-
13732	2036941.7710	6883280.8740	1.27	OAK	-
13733	2036913.5830	6883260.9490	2.04	OAK	-
13749	2036828.1790	6883204.8710	.51, .67, .41, .51, .41, .48, & .38	OAK	CLUSTER
13750	2036810.3330	6883184.6920	0.45	OAK	-
13752	2036795.3260	6883173.1590	0.45 & 0.6	OAK	FORKED
13753	2036790.9330	6883178.3970	0.7, 0.32, 0.83, & 0.51	OAK	CLUSTER

TREE REMOVAL DATA

POINT NUMBER	NORTHING	EASTING	DIAMETER (Ft)	DESCRIPTION	NOTE
13754	2036756.7230	6883159.6650	0.7 & 0.67	OAK	FORKED
13755	2036754.2340	6883156.6080	0.6 & 0.38	OAK	FORKED
13756	2036744.0310	6883156.5340	0.38, 0.35, & 0.41	OAK	CLUSTER
13757	2036733.2820	6883144.4500	0.38	OAK	-
13758	2036733.8370	6883138.4370	0.32	OAK	-
13759	2036726.0730	6883141.0060	0.41, .45, .38, .48, .57, .6, .57, .35, .32, & .35	OAK	CLUSTER
13766	2036714.1290	6883139.4320	0.45 & 0.45	OAK	FORKED
13767	2036703.9580	6883133.8550	0.38	OAK	-
13768	2036702.2120	6883127.7420	0.38	OAK	-
13769	2036694.7830	6883122.5270	.48, .32, .45, .32, .45	OAK	CLUSTER
13771	2036682.6350	6883122.3240	0.45 & 0.64	OAK	CLUSTER
13772	2036669.1900	6883117.9430	0.89	OAK	-
13784	2036611.7740	6883172.4810	3.82	PINE	-
13785	2036621.6140	6883173.2480	0.45 & 0.45	OAK	FORKED
13786	2036579.6820	6883175.9940	0.41	OAK	-
13792	2036555.2870	6883117.0200	0.7, 0.73, & 0.57	OAK	CLUSTER
13793	2036555.3540	6883121.9530	0.57	OAK	-
13794	2036548.0360	6883124.5670	0.45 & 0.38	OAK	FORKED
13795	2036540.1300	6883116.9920	0.48 & 0.48	OAK	FORKED
13796	2036541.7550	6883125.8830	0.32, 0.64, 0.51, & 0.32	OAK	CLUSTER
13797	2036530.7660	6883136.9170	0.76	OAK	-
13798	2036519.6500	6883142.0040	0.48 & 0.38	OAK	FORKED
13799	2036513.4610	6883140.8890	0.8, 0.35, 0.64, & 0.32	OAK	CLUSTER
13800	2036517.1630	6883138.2930	0.35	OAK	-
13801	2036515.3150	6883124.6040	0.64 & 0.57	OAK	FORKED
13802	2036512.2220	6883126.4810	0.7 & 0.8	OAK	FORKED
13803	2036497.5390	6883134.4830	0.51	OAK	-
13805	2036487.9570	6883155.1730	0.38 & 0.57	OAK	FORKED
13806	2036469.1960	6883154.5230	.38, .32, .6, .35, .32, & .45	OAK	CLUSTER
13808	2036457.8230	6883168.0770	1.56	PINE	-
13812	2036443.2140	6883172.4810	0.45	OAK	-
13813	2036441.1380	6883173.3530	1.34	PINE	-
13814	2036438.9360	6883175.6520	0.64	PINE	-
13815	2036442.1050	6883177.4400	0.38 & 0.32	OAK	FORKED
13816	2036438.5440	6883182.5770	0.51, 0.45, 0.48, & 0.35	OAK	CLUSTER
13817	2036428.2420	6883190.0350	0.83	OAK	-
13819	2036416.3220	6883190.8830	0.45, 0.54, 0.57, & 0.45	OAK	CLUSTER
13821	2036408.8420	6883186.9710	0.54	OAK	-


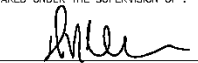

TREE REMOVAL DATA

POINT NUMBER	NORTHING	EASTING	DIAMETER (Ft)	DESCRIPTION	NOTE
13822	2036408.0880	6883194.7540	0.67, 0.41, 0.57, & 0.45	OAK	CLUSTER
13827	2036373.8820	6883219.0100	0.8	OAK	-
13830	2036395.2240	6883213.5420	2.01	OAK	-
13831	2036373.4830	6883226.0060	0.64, 0.6, & 0.48	OAK	CLUSTER
13832	2036362.6930	6883227.8720	0.48	OAK	-
13833	2036334.5840	6883242.1630	1.43	OAK	-
13834	2036325.6200	6883253.0050	0.64, 0.76, 0.54, & 0.48	OAK	CLUSTER
13835	2036340.6930	6883251.1190	1.18	OAK	-
13836	2036312.8610	6883259.6840	0.45 & 0.41	OAK	FORKED
13837	2036311.5580	6883257.4600	0.45	OAK	-
13838	2036309.9750	6883256.2330	0.41	OAK	-
13839	2036300.4700	6883268.6710	0.51	OAK	-
13846	2036277.7620	6883297.4180	1.21	OAK	-
13847	2036272.5950	6883309.0780	1.46	OAK	-
13848	2036222.8930	6883349.7210	1.15	OAK	-
13849	2036221.0890	6883344.2800	0.67 & 0.57	OAK	FORKED
13850	2036215.1040	6883349.3940	0.45	OAK	-
13851	2036210.6790	6883348.7960	0.57	OAK	-
13853	2036166.9760	6883388.6930	0.89 & 0.57	OAK	FORKED
13854	2036163.9590	6883391.2070	0.8	OAK	-

GENERAL NOTES:

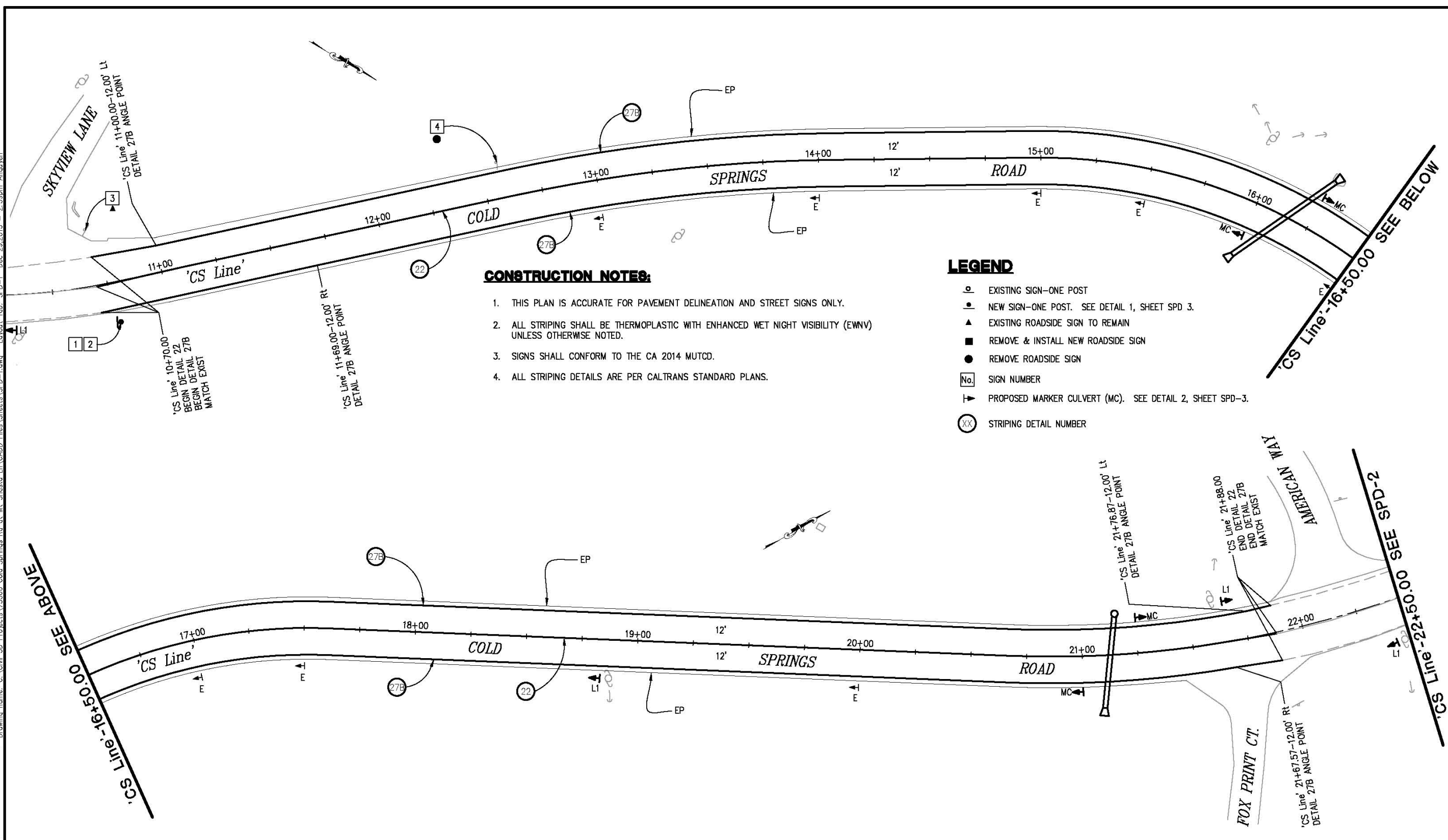
- TREES WERE SURVEYED IN AUGUST 2010. TREE DIAMETERS MAY NOT MATCH DIAMETERS SHOWN IN TABLE.
- TO GET TREE TAG NUMBERS, TAKE OF THE "1" FROM THE POINT NUMBER.

SUMMARY OF TREE REMOVAL QUANTITIES

REVISION NUMBER DATE DESCRIPTION BY	 PREPARED UNDER THE SUPERVISION OF:  REGISTERED CIVIL ENGINEER DATE:	DESIGNED: AN CHECKED: DH ROAD NUMBER: 020	DRAWN: AN DATE: 12/22/2015	 COUNTY OF EL DORADO COMMUNITY DEVELOPMENT AGENCY TRANSPORTATION DIVISION	COLD SPRINGS ROAD AT MOUNT SHASTA LANE REALIGNMENT	SHEET HP-3 23 OF 32 P.C. No. 73360

ORIGINAL SCALE IS IN INCHES
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FOR REDUCED PLANS
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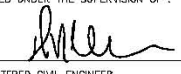

CONSTRUCTION NOTES:

1. THIS PLAN IS ACCURATE FOR PAVEMENT DELINEATION AND STREET SIGNS ONLY.
2. ALL STRIPING SHALL BE THERMOPLASTIC WITH ENHANCED WET NIGHT VISIBILITY (EWNV) UNLESS OTHERWISE NOTED.
3. SIGNS SHALL CONFORM TO THE CA 2014 MUTCD.
4. ALL STRIPING DETAILS ARE PER CALTRANS STANDARD PLANS.

LEGEND

- EXISTING SIGN-ONE POST
- NEW SIGN-ONE POST. SEE DETAIL 1, SHEET SPD 3.
- ▲ EXISTING ROADSIDE SIGN TO REMAIN
- REMOVE & INSTALL NEW ROADSIDE SIGN
- REMOVE ROADSIDE SIGN
- No. SIGN NUMBER
- ▼ PROPOSED MARKER CULVERT (MC). SEE DETAIL 2, SHEET SPD-3.
- ⊗ STRIPING DETAIL NUMBER

PAVEMENT DELINEATION & SIGN
 SCALE : 1" = 20'

<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 5%;">REVISION</th> <th style="width: 5%;">NUMBER</th> <th style="width: 10%;">DATE</th> <th style="width: 80%;">DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	REVISION	NUMBER	DATE	DESCRIPTION					 <p>PREPARED UNDER THE SUPERVISION OF:  REGISTERED CIVIL ENGINEER</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>DESIGNED: AN</td> <td>DRAWN: AN</td> </tr> <tr> <td>CHECKED: DH</td> <td>DATE: 12/29/2015</td> </tr> <tr> <td>ROAD NUMBER: 020</td> <td> </td> </tr> </table>	DESIGNED: AN	DRAWN: AN	CHECKED: DH	DATE: 12/29/2015	ROAD NUMBER: 020		 <p>COUNTY OF EL DORADO COMMUNITY DEVELOPMENT AGENCY TRANSPORTATION DIVISION</p>	<p>COLD SPRINGS ROAD AT MOUNT SHASTA LANE REALIGNMENT</p>	<p>SHEET SPD-1 24 of 32 W.D. No. 73360</p>
REVISION	NUMBER	DATE	DESCRIPTION																
DESIGNED: AN	DRAWN: AN																		
CHECKED: DH	DATE: 12/29/2015																		
ROAD NUMBER: 020																			

REVISION	
NUMBER	DATE

REG. NO. 071517
DUSTIN W. HARRINGTON
REGISTERED CIVIL ENGINEER
STATE OF CALIFORNIA

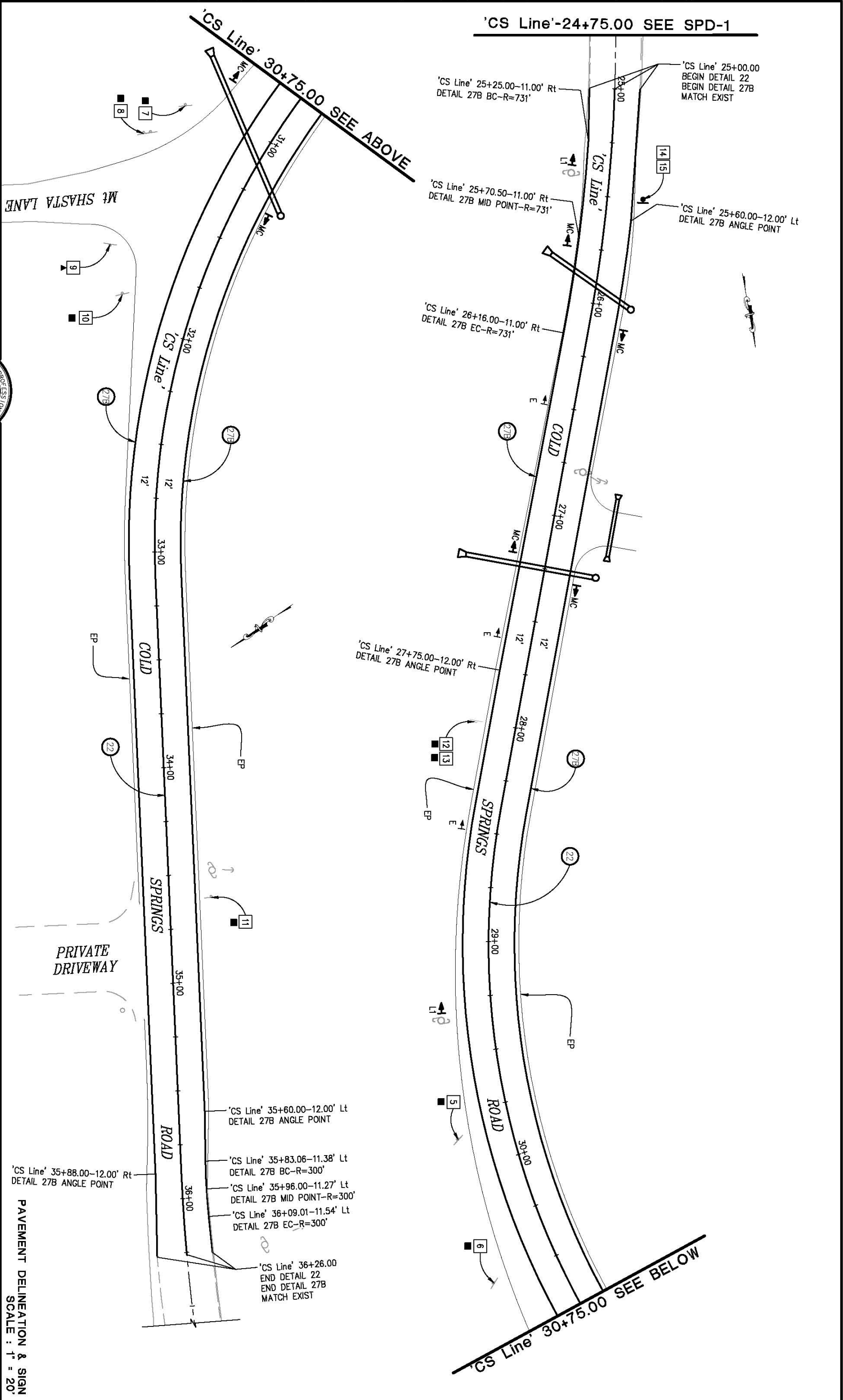
REGISTERED UNDER THE SUPERVISION OF: *[Signature]*
DATE: _____

DESIGNED: AN	DRAWN: AN
CHECKED: DH	DATE: 12/29/2015
ROAD NUMBER: 020	

COUNTY OF EL DORADO
COMMUNITY DEVELOPMENT AGENCY
TRANSPORTATION DIVISION

COLD SPRINGS ROAD AT MOUNT SHASTA LANE REALIGNMENT

SHEET
SPD-2
OF 32
73360



PAVEMENT DELINEATION & SIGN
SCALE : 1" = 20'

ORIGINAL SCALE IS IN INCHES
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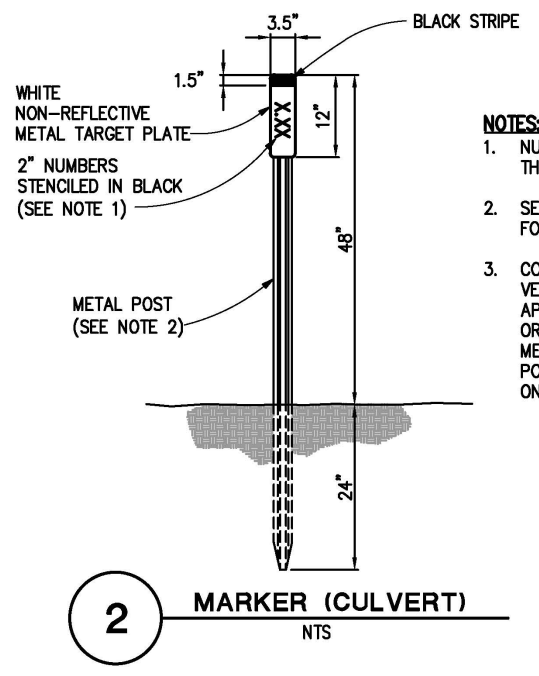
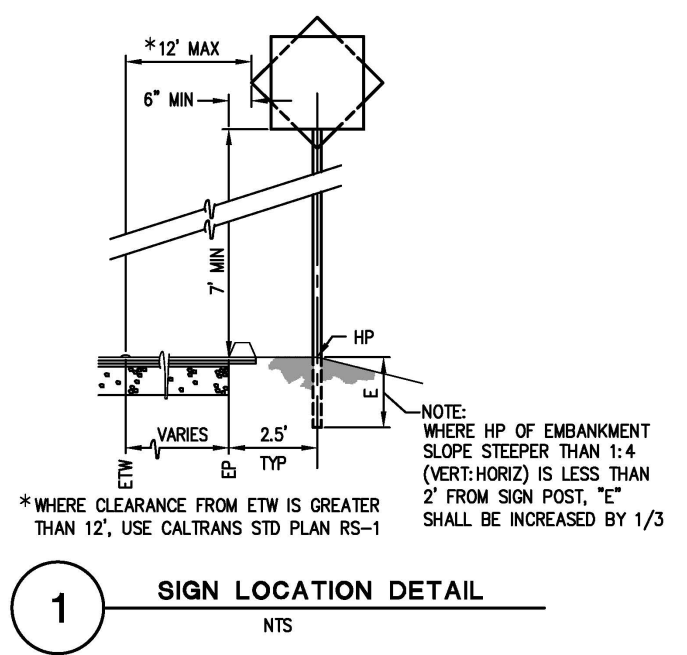
THERMOPLASTIC TRAFFIC STRIPE					
DETAIL No. / STANDARD PLAN	BEGIN STATION	END STATION	THERMOPLASTIC WITH EWNV TRAFFIC STRIPE		PAVEMENT MARKER (RETROREFLECTIVE)
			WHITE 4" (S)	YELLOW (LF) 4" (S)	TYPE D (EA)
22 - A20A	CS Line' - 10+70.00	CS Line' - 21+88.00			96
	CS Line' - 25+00.00	CS Line' - 36+26.00		2236	96
27B - A20B	CS Line' - 10+70.00 Lt	CS Line' - 21+88.00 Lt	1118		
	CS Line' - 10+70.00 Rt	CS Line' - 21+88.00 Rt	1118		
	CS Line' - 25+00.00 Lt	CS Line' - 36+26.00 Lt	1126		
	CS Line' - 25+00.00 Rt	CS Line' - 36+26.00 Rt	1126		
TOTAL			4488	4488	192

OBJECT MARKER		
SIGN CODE	QUANTITY (EA)	LOCATION
L1	1	CS Line' - 10+34.03 Rt
L1	1	CS Line' - 18+87.54 Rt
L1	1	CS Line' - 21+60.89 Lt
L1	1	CS Line' - 22+41.79 Rt
L1	1	CS Line' - 25+40.56 Rt
L1	1	CS Line' - 29+34.47 Rt
TOTAL	6	

TYPE L1 PER CALTRANS STANDARD PLAN A73A

DELINEATOR		
SIGN CODE	QUANTITY (EA)	LOCATION
E	1	CS Line' - 13+00 - 17' Rt
E	1	CS Line' - 14+00 - 17' Rt
E	1	CS Line' - 15+00 - 16' Rt
E	1	CS Line' - 15+50 - 16' Rt
E	1	CS Line' - 16+50 - 17' Rt
E	1	CS Line' - 17+00 - 17' Rt
E	1	CS Line' - 17+50 - 17' Rt
E	1	CS Line' - 20+00 - 17' Rt
E	1	CS Line' - 26+50 - 14' Rt
E	1	CS Line' - 27+60 - 16' Rt
E	1	CS Line' - 28+50 - 16.5' Rt
TOTAL	11	

CLASS 2 DELINEATORS PER CALTRANS STANDARD PLAN A73C



- NOTES:**
- NUMBERS AS DESIGNATED BY THE ENGINEER.
 - SEE STANDARD PLAN A73B FOR METAL POST DETAILS.
 - CONTRACTOR SHALL FIELD VERIFY PM WITH ENGINEERS APPROVAL PRIOR TO ORDERING AND PLACING METAL TARGET PLATES. POST MILE IS APPROXIMATE ON THESE PLANS.

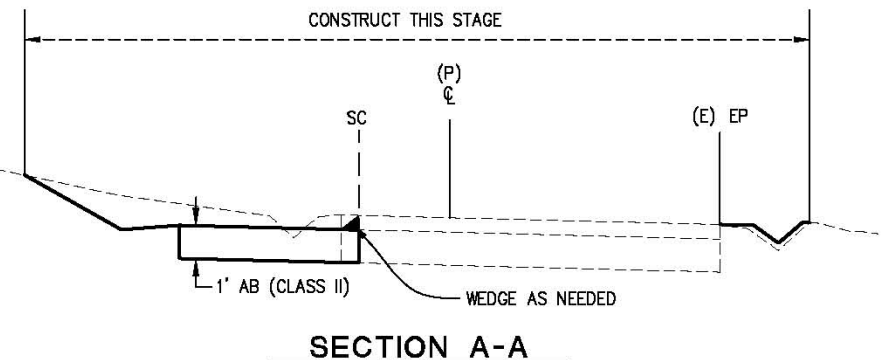
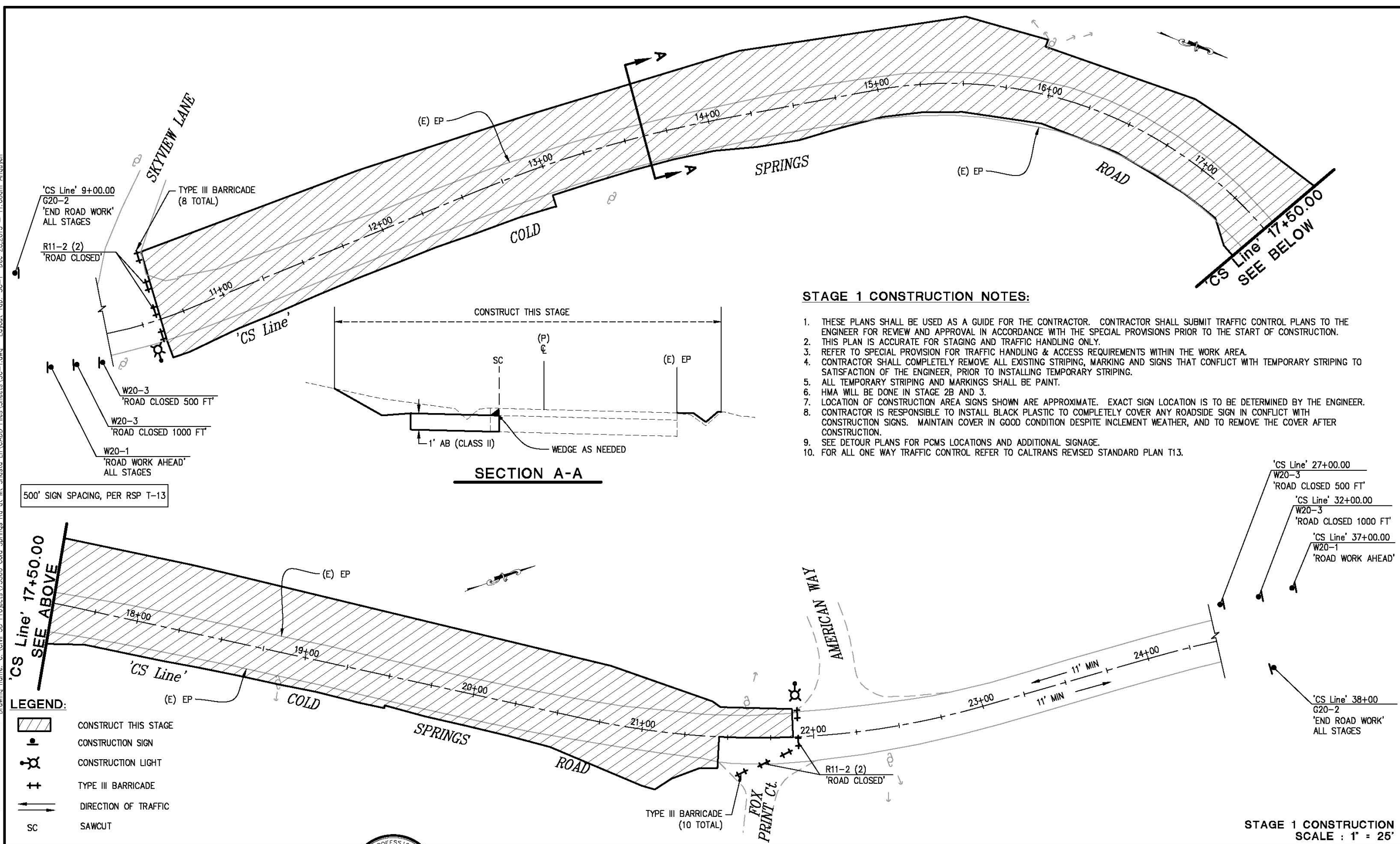
ROADSIDE SIGNS & OBJECT MARKERS							
SIGN NO.	SIGN	CODE	ONE POST (EA)	REMOVE (EA)	EXISTING LOCATION	PROPOSED LOCATION (APPROXIMATELY)	REMARKS
2	ADVISORY SPEED	W13-1P					25 MPH
3	STREET NAME SIGN				CS Line' - 10+69.67 - 25.24' Lt		EXISTING ROADSIDE TO REMAIN
4	ADVISORY SIGN	S3-1		1	CS Line' - 12+57.64 - 16.16 Lt		SCHOOL BUS STOP 550 FEET
5	CHEVRON ALIGNMENT	W1-8	1	1	CS Line' - 29+86.72 - 25.23' Rt		
6	CHEVRON ALIGNMENT	W1-8	1	1	CS Line' - 30+49.88 - 31.50' Rt		
7	CHEVRON ALIGNMENT	W1-8	1	1	CS Line' - 31+05.91 - 42.59' Rt		
8	COMBINATION TURN/ADVISORY SPEED	W1-1a	1	1	CS Line' - 31+24.19 - 52.90' Rt		REPLACE 25 MPH ADVISORY SPEED WITH 30 MPH.
9	STREET NAME SIGN				CS Line' - 31+70.69 - 45.85' Rt		EXISTING ROADSIDE TO REMAIN
10	CHEVRON ALIGNMENT	W1-8	1	1	CS Line' - 31+88.74 - 32.87' Rt		
11	COMBINATION TURN/ADVISORY SPEED	W1-1a	1	1	CS Line' - 34+61.08 - 19.22' Lt		25 MPH
12	ADVISORY SIGN	W1-1	1	1		CS Line' - 28+00 - 18.62' Rt	CURVE WARNING
13	ADVISORY SPEED	W13-1P					25 MPH
14	ADVISORY SIGN	W1-4 (Lt)	1			CS Line' - 25+50 - 16.00' Rt	CURVE WARNING
15	ADVISORY SPEED	W13-1P					25 MPH
TOTAL			9	8			

MARKER (CULVERT)		
FACING TRAFFIC (EA)	LOCATION	
	N	S
1		CS Line' - 16+25 Lt
1		CS Line' - 21+25 Lt
1		CS Line' - 26+10 Lt
1		CS Line' - 27+25 Lt
1		CS Line' - 31+30 Lt
	1	CS Line' - 16+00 Rt
	1	CS Line' - 21+00 Rt
	1	CS Line' - 25+75 Rt
	1	CS Line' - 27+25 Rt
	1	CS Line' - 30+85 Rt
SUBTOTAL	5	5
TOTAL	10	

SUMMARY OF PAVEMENT DELINEATION & SIGN QUANTITIES
SCALE : N/A

REVISION NUMBER DATE DESCRIPTION BY		PREPARED UNDER THE SUPERVISION OF: REGISTERED CIVIL ENGINEER	DESIGNED: AN DRAWN: AN CHECKED: DH DATE: 12/29/2015 ROAD NUMBER: 020		COUNTY OF EL DORADO COMMUNITY DEVELOPMENT AGENCY TRANSPORTATION DIVISION	SHEET SPD-3 26 OF 32 W.O. No. 73360
		COLD SPRINGS ROAD AT MOUNT SHASTA LANE REALIGNMENT				

ORIGINAL SCALE IS IN INCHES
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 FOR REDUCED PLANS
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STAGE 1 CONSTRUCTION NOTES:

1. THESE PLANS SHALL BE USED AS A GUIDE FOR THE CONTRACTOR. CONTRACTOR SHALL SUBMIT TRAFFIC CONTROL PLANS TO THE ENGINEER FOR REVIEW AND APPROVAL IN ACCORDANCE WITH THE SPECIAL PROVISIONS PRIOR TO THE START OF CONSTRUCTION.
2. THIS PLAN IS ACCURATE FOR STAGING AND TRAFFIC HANDLING ONLY.
3. REFER TO SPECIAL PROVISION FOR TRAFFIC HANDLING & ACCESS REQUIREMENTS WITHIN THE WORK AREA.
4. CONTRACTOR SHALL COMPLETELY REMOVE ALL EXISTING STRIPING, MARKING AND SIGNS THAT CONFLICT WITH TEMPORARY STRIPING TO SATISFACTION OF THE ENGINEER, PRIOR TO INSTALLING TEMPORARY STRIPING.
5. ALL TEMPORARY STRIPING AND MARKINGS SHALL BE PAINT.
6. HMA WILL BE DONE IN STAGE 2B AND 3.
7. LOCATION OF CONSTRUCTION AREA SIGNS SHOWN ARE APPROXIMATE. EXACT SIGN LOCATION IS TO BE DETERMINED BY THE ENGINEER.
8. CONTRACTOR IS RESPONSIBLE TO INSTALL BLACK PLASTIC TO COMPLETELY COVER ANY ROADSIDE SIGN IN CONFLICT WITH CONSTRUCTION SIGNS. MAINTAIN COVER IN GOOD CONDITION DESPITE INCLEMENT WEATHER, AND TO REMOVE THE COVER AFTER CONSTRUCTION.
9. SEE DETOUR PLANS FOR PCMS LOCATIONS AND ADDITIONAL SIGNAGE.
10. FOR ALL ONE WAY TRAFFIC CONTROL REFER TO CALTRANS REVISED STANDARD PLAN T13.

500' SIGN SPACING, PER RSP T-13

- LEGEND:**
- CONSTRUCT THIS STAGE
 - CONSTRUCTION SIGN
 - CONSTRUCTION LIGHT
 - TYPE III BARRICADE
 - DIRECTION OF TRAFFIC
 - SAWCUT

STAGE 1 CONSTRUCTION
SCALE : 1" = 25'

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:

 REGISTERED CIVIL ENGINEER
 DATE: _____

DESIGNED: AN
 DRAWN: AN
 CHECKED: DH
 DATE: 12/28/015
 ROAD NUMBER: 020



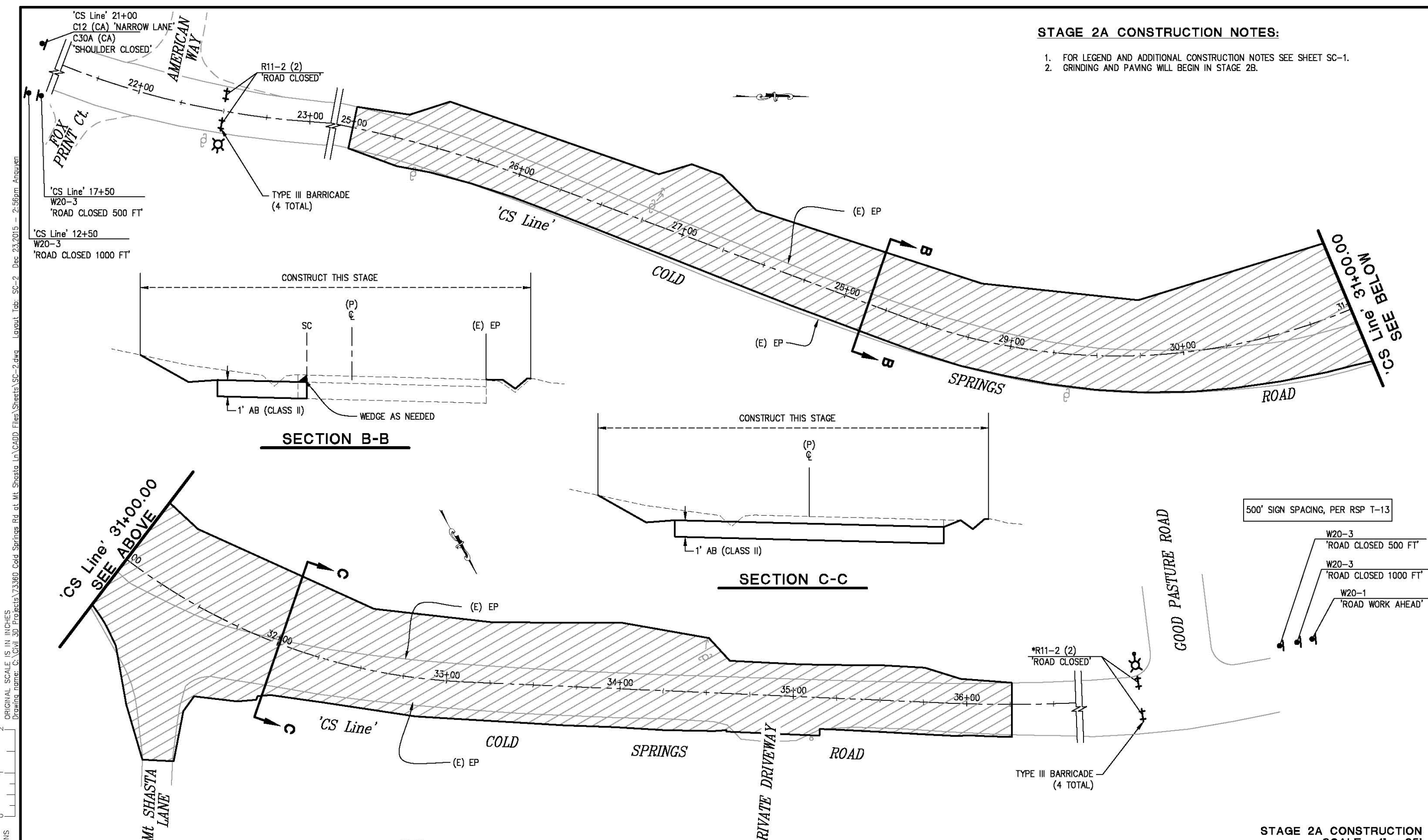
COUNTY OF EL DORADO
 COMMUNITY DEVELOPMENT AGENCY
 TRANSPORTATION DIVISION

COLD SPRINGS ROAD AT MOUNT
 SHASTA LANE REALIGNMENT

SHEET
SC-1
 27 of 32
 W.D. No. 73360

STAGE 2A CONSTRUCTION NOTES:

1. FOR LEGEND AND ADDITIONAL CONSTRUCTION NOTES SEE SHEET SC-1.
2. GRINDING AND PAVING WILL BEGIN IN STAGE 2B.



ORIGINAL SCALE IS IN INCHES
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 FOR REDUCED PLANS
 2
 1
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REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
Justin W. Harrington
 REGISTERED CIVIL ENGINEER
 DATE: _____

DESIGNED: AN
 DRAWN: AN
 CHECKED: DH
 DATE: 12/23/2015
 ROAD NUMBER: 020

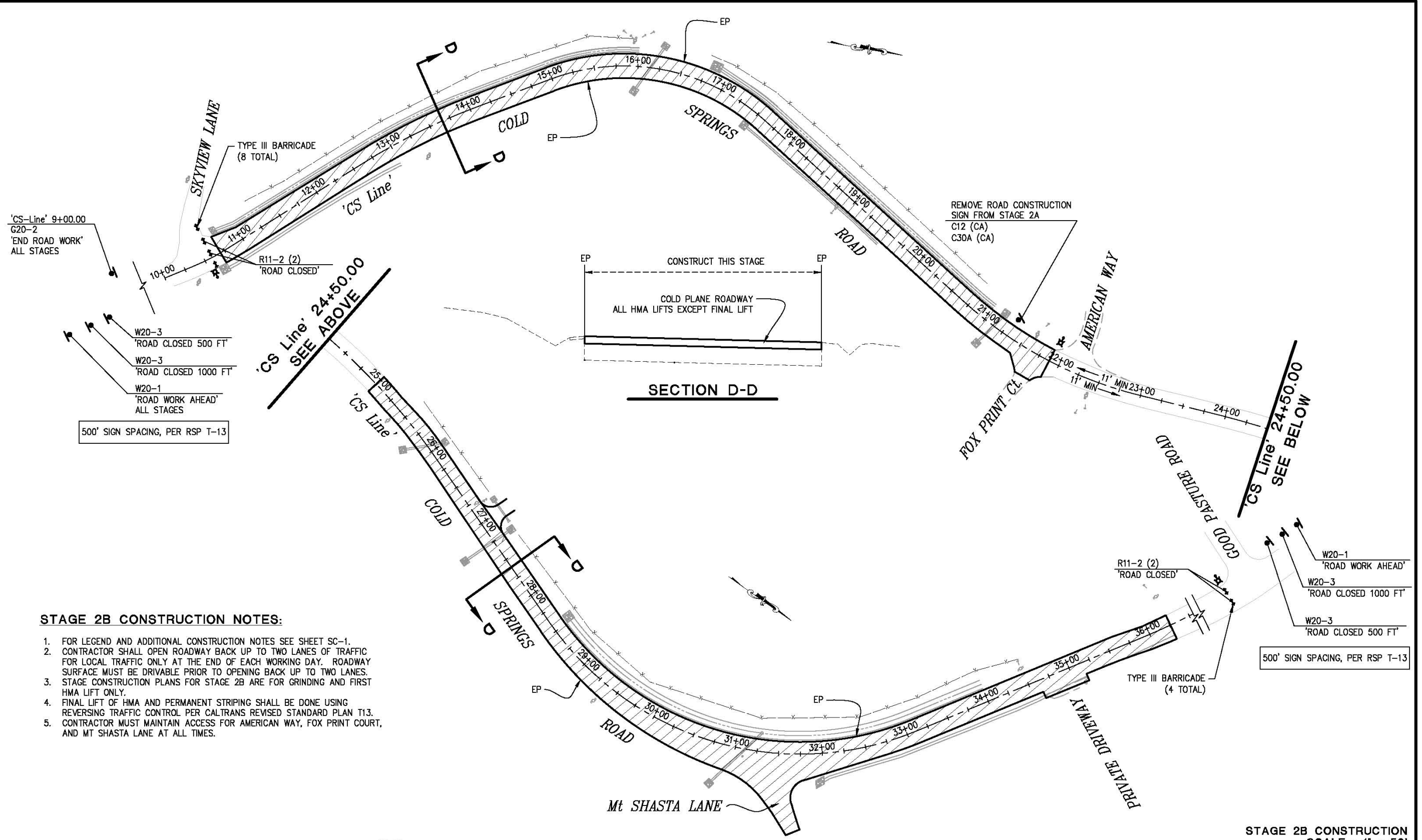


COUNTY OF EL DORADO
 COMMUNITY DEVELOPMENT AGENCY
 TRANSPORTATION DIVISION

STAGE 2A CONSTRUCTION
 SCALE: 1" = 25'
 COLD SPRINGS ROAD AT MOUNT
 SHASTA LANE REALIGNMENT

SHEET
 SC-2
 28 OF 32
 W.D. No. 73360

ORIGINAL SCALE IS IN INCHES
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STAGE 2B CONSTRUCTION NOTES:

1. FOR LEGEND AND ADDITIONAL CONSTRUCTION NOTES SEE SHEET SC-1.
2. CONTRACTOR SHALL OPEN ROADWAY BACK UP TO TWO LANES OF TRAFFIC FOR LOCAL TRAFFIC ONLY AT THE END OF EACH WORKING DAY. ROADWAY SURFACE MUST BE DRIVABLE PRIOR TO OPENING BACK UP TO TWO LANES.
3. STAGE CONSTRUCTION PLANS FOR STAGE 2B ARE FOR GRINDING AND FIRST HMA LIFT ONLY.
4. FINAL LIFT OF HMA AND PERMANENT STRIPING SHALL BE DONE USING REVERSING TRAFFIC CONTROL PER CALTRANS REVISED STANDARD PLAN T13.
5. CONTRACTOR MUST MAINTAIN ACCESS FOR AMERICAN WAY, FOX PRINT COURT, AND MT SHASTA LANE AT ALL TIMES.

STAGE 2B CONSTRUCTION
SCALE : 1" = 50'

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
Justin W. Harrington
 REGISTERED CIVIL ENGINEER
 DATE: _____

DESIGNED: AN
 DRAWN: AN
 CHECKED: DH
 DATE: 12/23/2015
 ROAD NUMBER: 020



COUNTY OF EL DORADO
 COMMUNITY DEVELOPMENT AGENCY
 TRANSPORTATION DIVISION

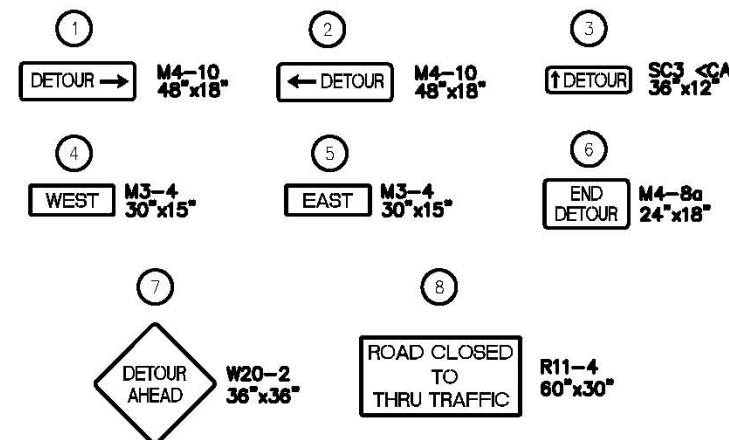
COLD SPRINGS ROAD AT MOUNT
 SHASTA LANE REALIGNMENT

SHEET
 SC-3
 29 OF 32
 W.D. No. 73360

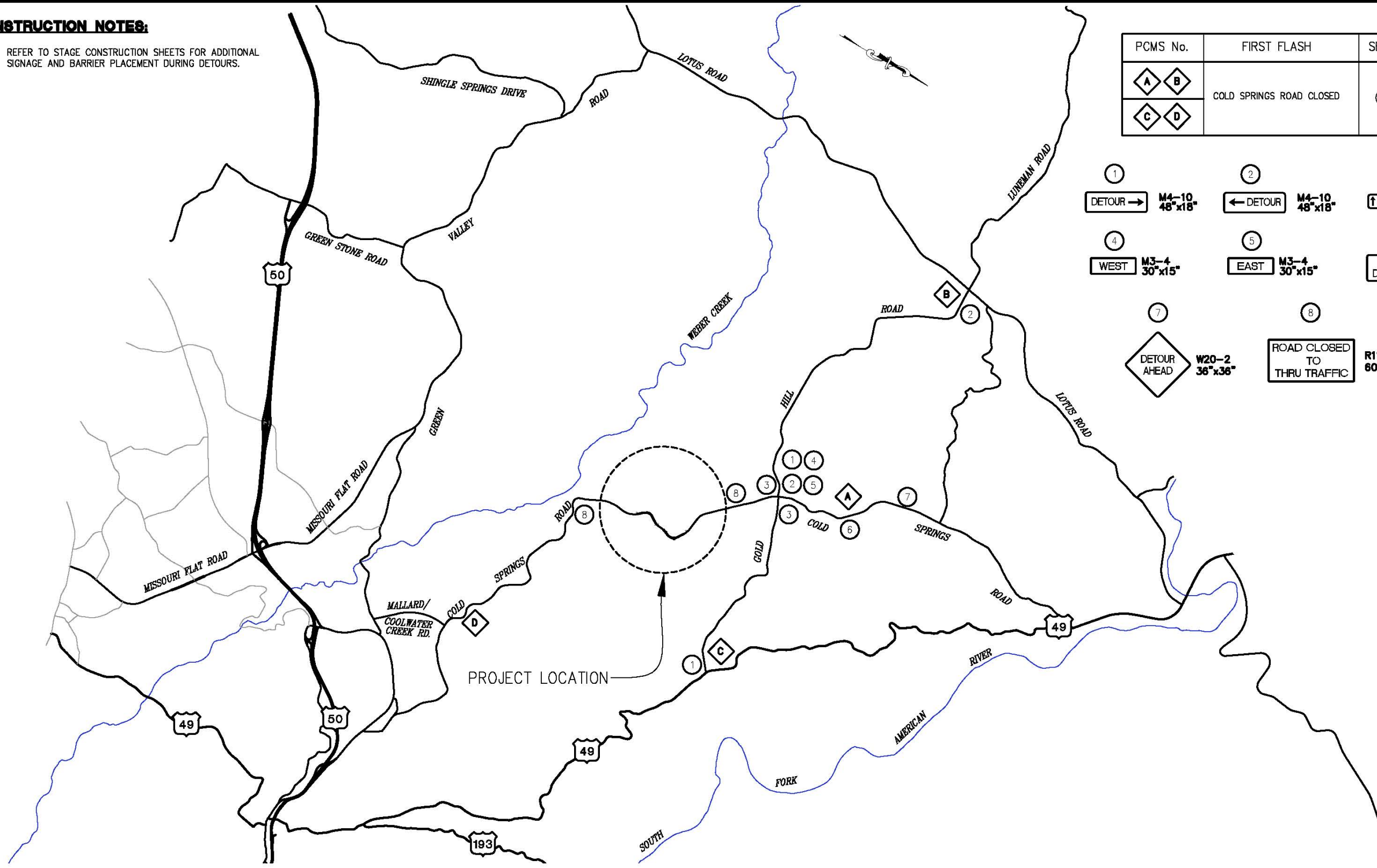
CONSTRUCTION NOTES:

1. REFER TO STAGE CONSTRUCTION SHEETS FOR ADDITIONAL SIGNAGE AND BARRIER PLACEMENT DURING DETOURS.

PCMS No.	FIRST FLASH	SECOND FLASH
A B	COLD SPRINGS ROAD CLOSED	(DATES CLOSED)
C D		



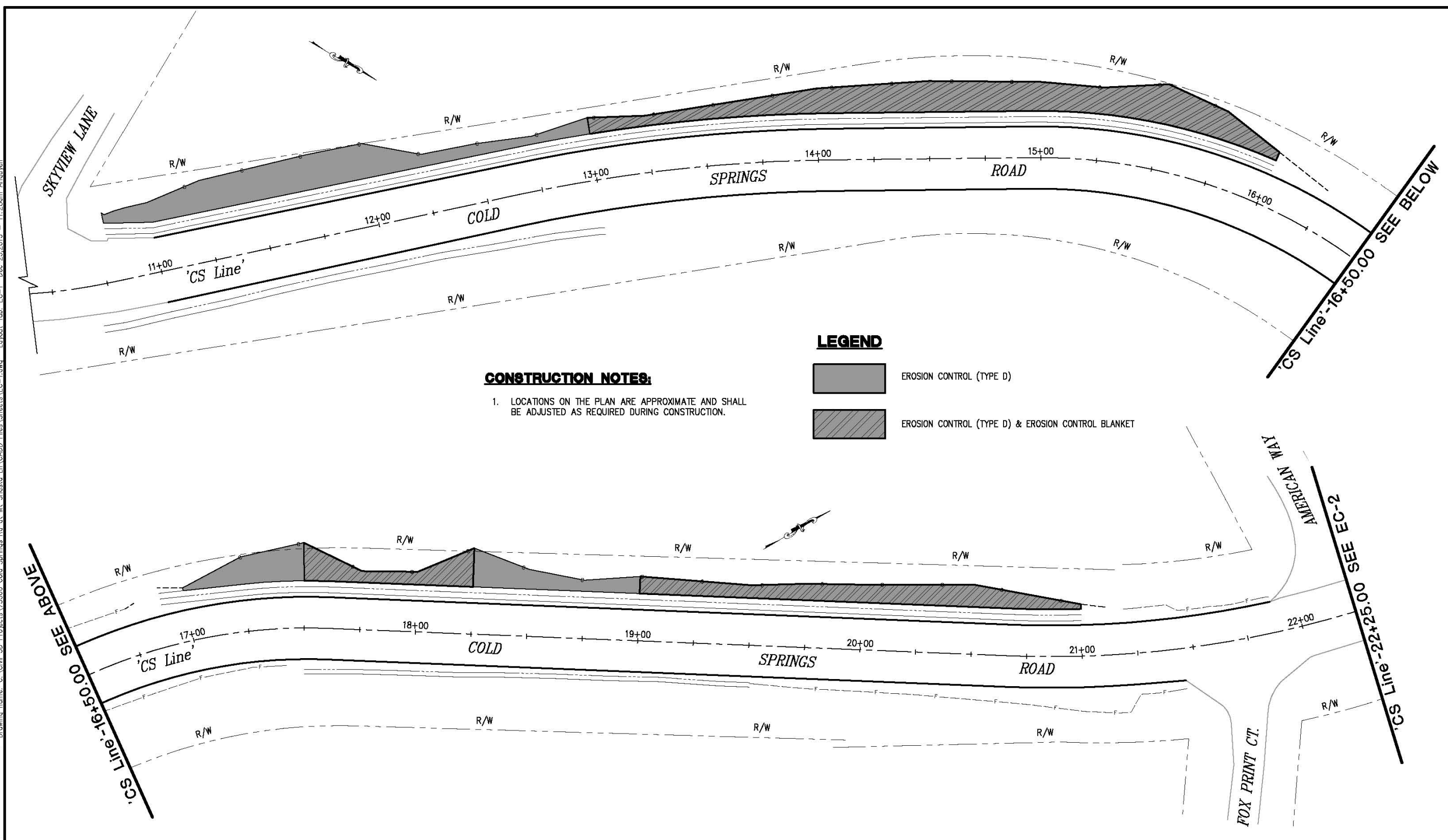
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DETOUR PLAN
SCALE : 1" = 2000'

REVISION NUMBER DATE DESCRIPTION BY		PREPARED UNDER THE SUPERVISION OF: <i>[Signature]</i> REGISTERED CIVIL ENGINEER	DESIGNED: AN DRAWN: AN CHECKED: DH DATE: 12/23/2015 ROAD NUMBER: 020		COUNTY OF EL DORADO COMMUNITY DEVELOPMENT AGENCY TRANSPORTATION DIVISION	COLD SPRINGS ROAD AT MOUNT SHASTA LANE REALIGNMENT	SHEET DE-1 30 of 32 W.D. No. 73360
		LICENSE EXPIRES: 12-31-17 CIVIL	DATE:				

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CONSTRUCTION NOTES:

1. LOCATIONS ON THE PLAN ARE APPROXIMATE AND SHALL BE ADJUSTED AS REQUIRED DURING CONSTRUCTION.

LEGEND

- EROSION CONTROL (TYPE D)
- EROSION CONTROL (TYPE D) & EROSION CONTROL BLANKET

'CS Line'-16+50.00 SEE ABOVE

'CS Line'-16+50.00 SEE BELOW

'CS Line'-22+25.00 SEE EC-2

EROSION CONTROL PLAN
SCALE : 1" = 20'

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:

 REGISTERED CIVIL ENGINEER
 DATE:

DESIGNED: AN
 CHECKED: DH
 ROAD NUMBER: 020
 DATE: 12/23/2015



COUNTY OF EL DORADO
 COMMUNITY DEVELOPMENT AGENCY
 TRANSPORTATION DIVISION



COLD SPRINGS ROAD AT MOUNT
 SHASTA LANE REALIGNMENT

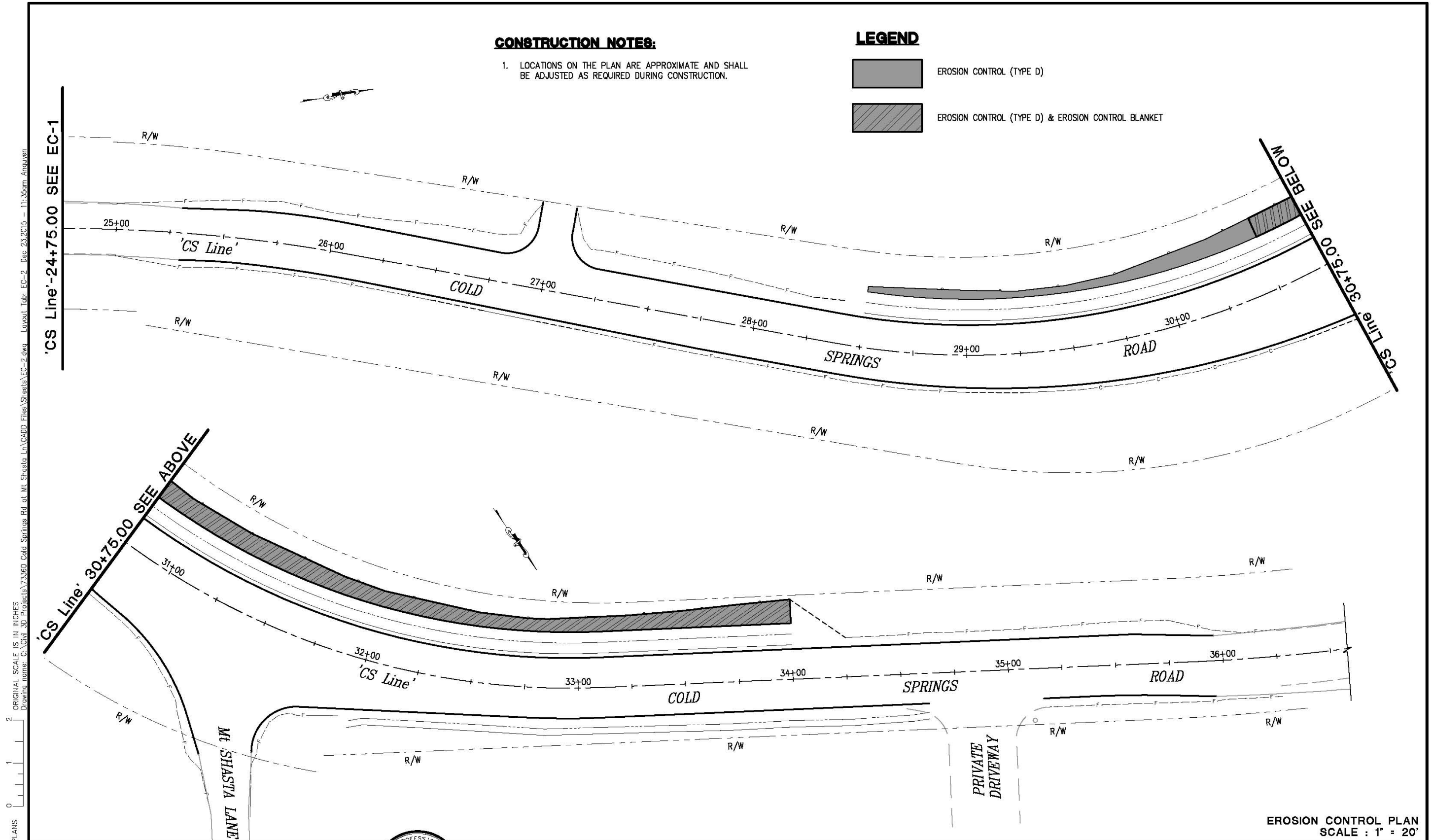
SHEET
EC-1
 31 of 32
 W.D. No. 73360

CONSTRUCTION NOTES:

1. LOCATIONS ON THE PLAN ARE APPROXIMATE AND SHALL BE ADJUSTED AS REQUIRED DURING CONSTRUCTION.

LEGEND

-  EROSION CONTROL (TYPE D)
-  EROSION CONTROL (TYPE D) & EROSION CONTROL BLANKET

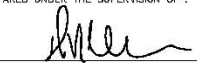


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 FOR REDUCED PLANS
 2
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EROSION CONTROL PLAN
SCALE : 1" = 20'

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:

 REGISTERED CIVIL ENGINEER
 DATE: _____

DESIGNED: AN
 DRAWN: AN
 CHECKED: DH
 DATE: 12/23/2015
 ROAD NUMBER: 020



COUNTY OF EL DORADO
 COMMUNITY DEVELOPMENT AGENCY
 TRANSPORTATION DIVISION

COLD SPRINGS ROAD AT MOUNT
 SHASTA LANE REALIGNMENT

SHEET
 EC-2
 32 of 32
 W.D. No. 73360