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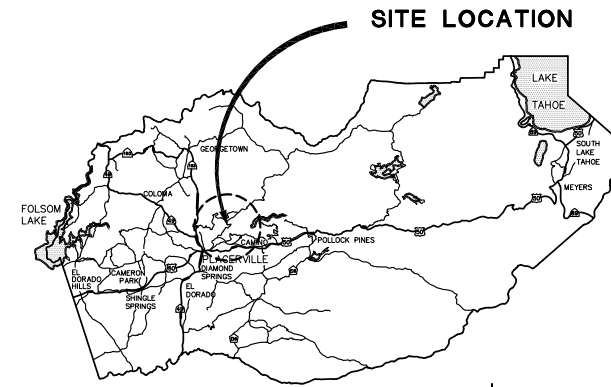
SHEET	PLAN SHEET	TITLE
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7	GP-1	GRADING PLAN
8	EC-1	EROSION CONTROL
9	DE-1	DETOUR PLAN

COUNTY OF EL DORADO, CA DEPARTMENT OF TRANSPORTATION

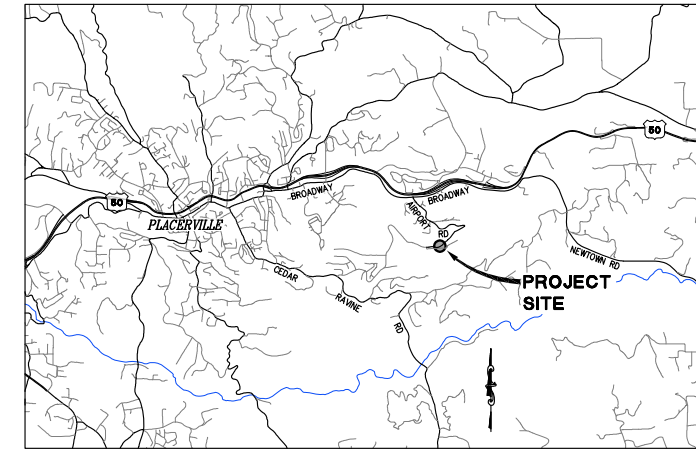
PROJECT PLANS FOR THE CONSTRUCTION OF AIRPORT ROAD STORM DAMAGE REPAIR PROJECT

IN THE COUNTY OF EL DORADO, DISTRICT 3
LOCATED ON AIRPORT ROAD (PM 0.31), 0.16 MILES EAST OF THE PLACERVILLE AIRPORT ENTRANCE

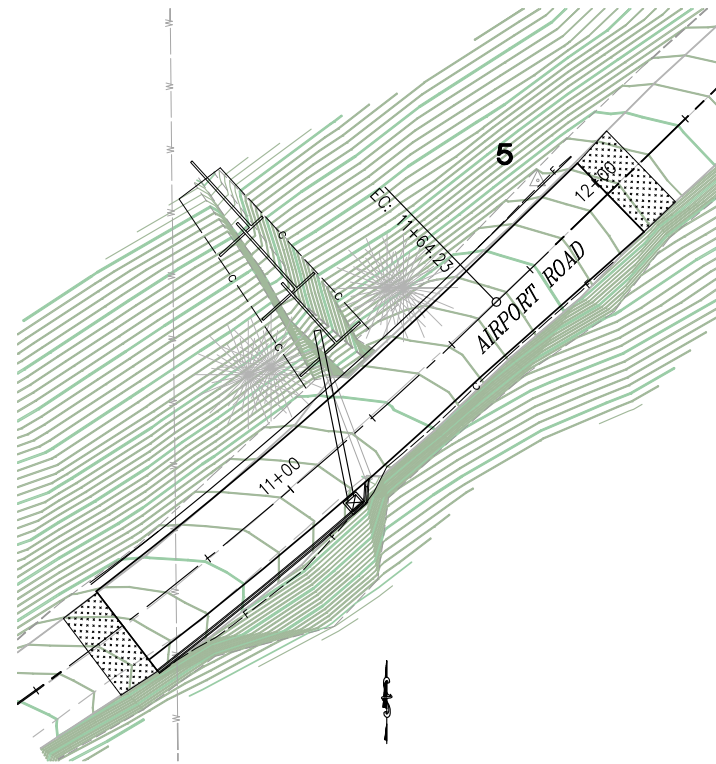
To be supplemented with Standard Plans and Specifications dated 2015, including the 2015 Revised Standard Specifications, of the California Department of Transportation, unless otherwise noted.



VICINITY MAP
COUNTY OF EL DORADO



LOCATION MAP
NOT TO SCALE



SITE PLAN
SCALE: 1"=20'

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



SUBMITTED BY: _____ DATE _____
CIVIL ENGINEER
STATE OF CALIFORNIA NO. _____

BOARD OF SUPERVISORS

I	JOHN HIDAHL
II	SHIVA FRENTZEN
III	BRIAN VEERKAMP
IV	MICHAEL RANALLI
V	SUE NOVASEL

**COUNTY OF EL DORADO
DEPARTMENT OF TRANSPORTATION**

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

ADOPTED AND APPROVED BY:	DATE
MICHAEL RANALLI CHAIR, EL DORADO COUNTY BOARD OF SUPERVISORS	
APPROVED BY:	DATE
RAFAEL MARTINEZ, DIRECTOR DEPARTMENT OF TRANSPORTATION	
JOHN KAHLING P.E. NO. CS2428 DEPUTY DIRECTOR, ENGINEERING	

PW NO. 18-31120 PROJECT NO. 78717

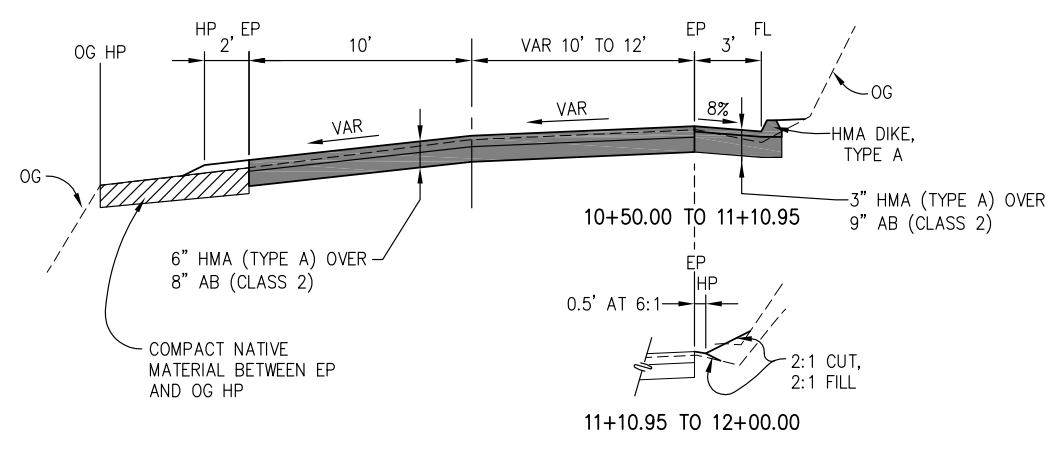
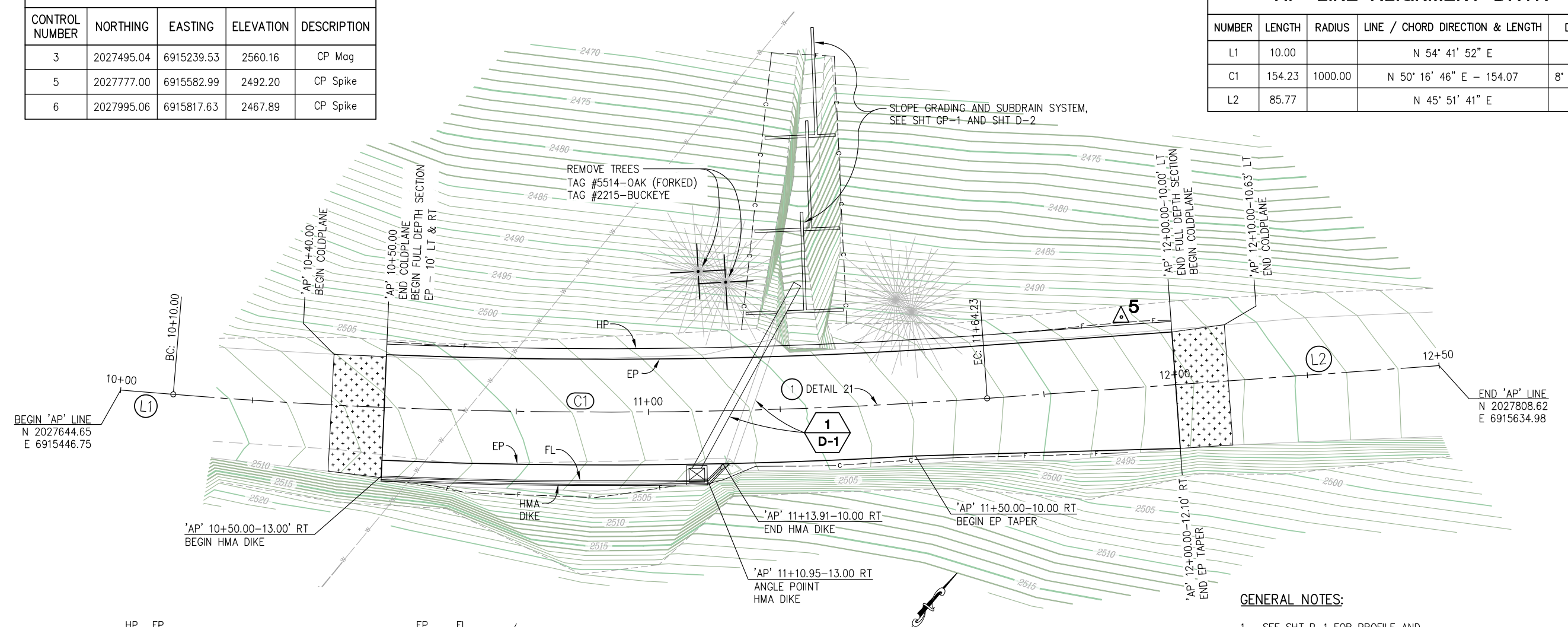
**AIRPORT ROAD STORM
DAMAGE REPAIR
PROJECT**

TITLE SHEET

SHEET **1** OF **9**

CONTROL TABLE				
CONTROL NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
3	2027495.04	6915239.53	2560.16	CP Mag
5	2027777.00	6915582.99	2492.20	CP Spike
6	2027995.06	6915817.63	2467.89	CP Spike

'AP' LINE ALIGNMENT DATA				
NUMBER	LENGTH	RADIUS	LINE / CHORD DIRECTION & LENGTH	DELTA
L1	10.00		N 54° 41' 52" E	
C1	154.23	1000.00	N 50° 16' 46" E - 154.07	8° 50' 12"
L2	85.77		N 45° 51' 41" E	



TYPICAL SECTION
NTS

GENERAL NOTES:
1. SEE SHT P-1 FOR PROFILE AND SUPERELEVATION DIAGRAM

CONSTRUCTION NOTES:
① - PLACE DETAIL 21, STA 10+40 TO 12+10, MATCH EXISTING AT CONFORMS

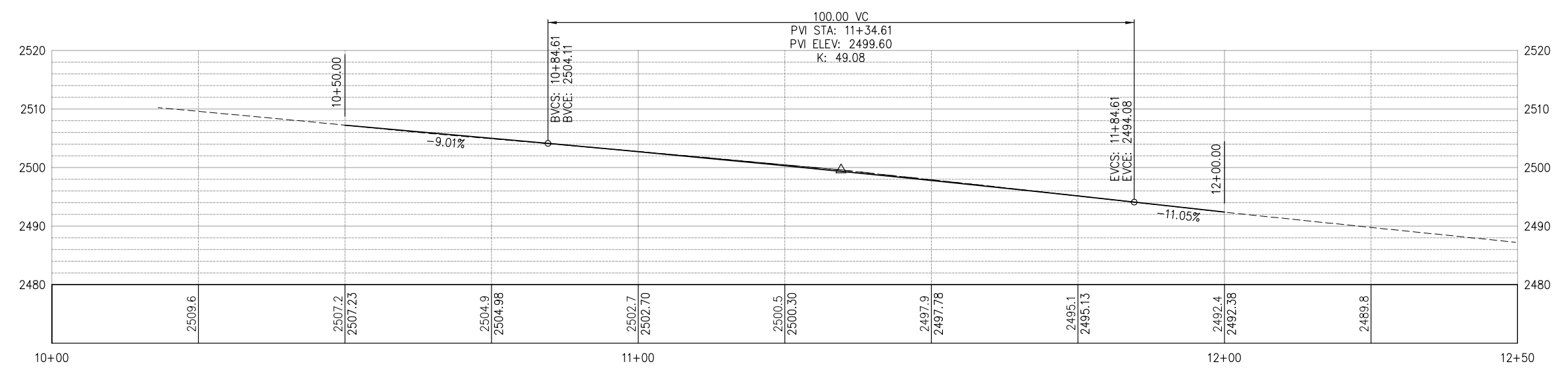
SURVEYORS STATEMENT:
BEARINGS, DISTANCES, STATIONING AND COORDINATES SHOWN HEREON ARE BASED ON THE CALIFORNIA COORDINATE SYSTEM OF 1983, ZONE 2 (2010.00) U.S. SURVEY FEET.
DIVIDE DISTANCES SHOWN BY 0.999815 TO OBTAIN GROUND DISTANCES.
ELEVATIONS SHOWN HEREON REFERENCE NGVD29.

LAYOUT AND STRIPING PLAN
SCALE : 1" = 10'

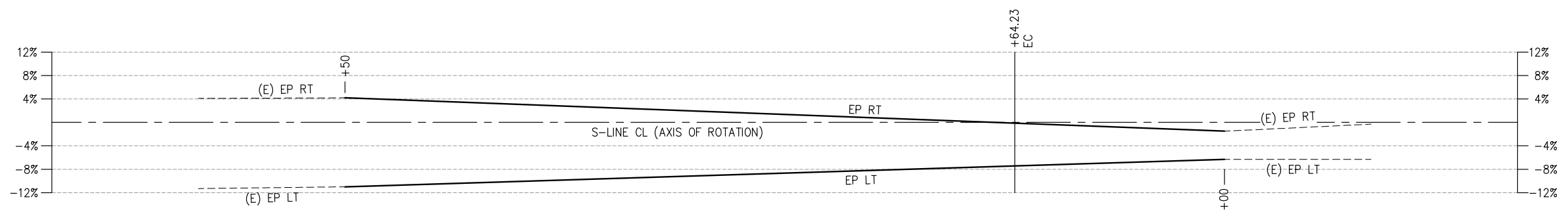
FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES Drawing name: C:\Civil 3D Projects\78717 Airport Road Damage\CADD Files\Sheets\L-Sheets.dwg Layout Tab: L-1 Mar 19, 2018 - 7:10am SMC\vey

REVISION NUMBER DATE DESCRIPTION BY			PREPARED UNDER THE SUPERVISION OF : REGISTERED CIVIL ENGINEER	DESIGNED: MP DRAWN: SGM CHECKED: CG DATE: 03/19/18 ROAD NUMBER: 131	 COUNTY OF EL DORADO DEPARTMENT OF TRANSPORTATION	AIRPORT ROAD STORM DAMAGE REPAIR PROJECT	SHEET L-1 2 OF 9 W.O. No. 78717

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



'AP' LINE - PROFILE
 1"=10' H,V



'AP' LINE - SUPERELEVATION
 NTS

**PROFILE AND SUPERELEVATION
 SCALE : AS SHOWN**

NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF :
 REGISTERED CIVIL ENGINEER
 DATE:

DESIGNED: MP
 DRAWN: SGM
 CHECKED: CG
 DATE: 03/19/18
 ROAD NUMBER: 131

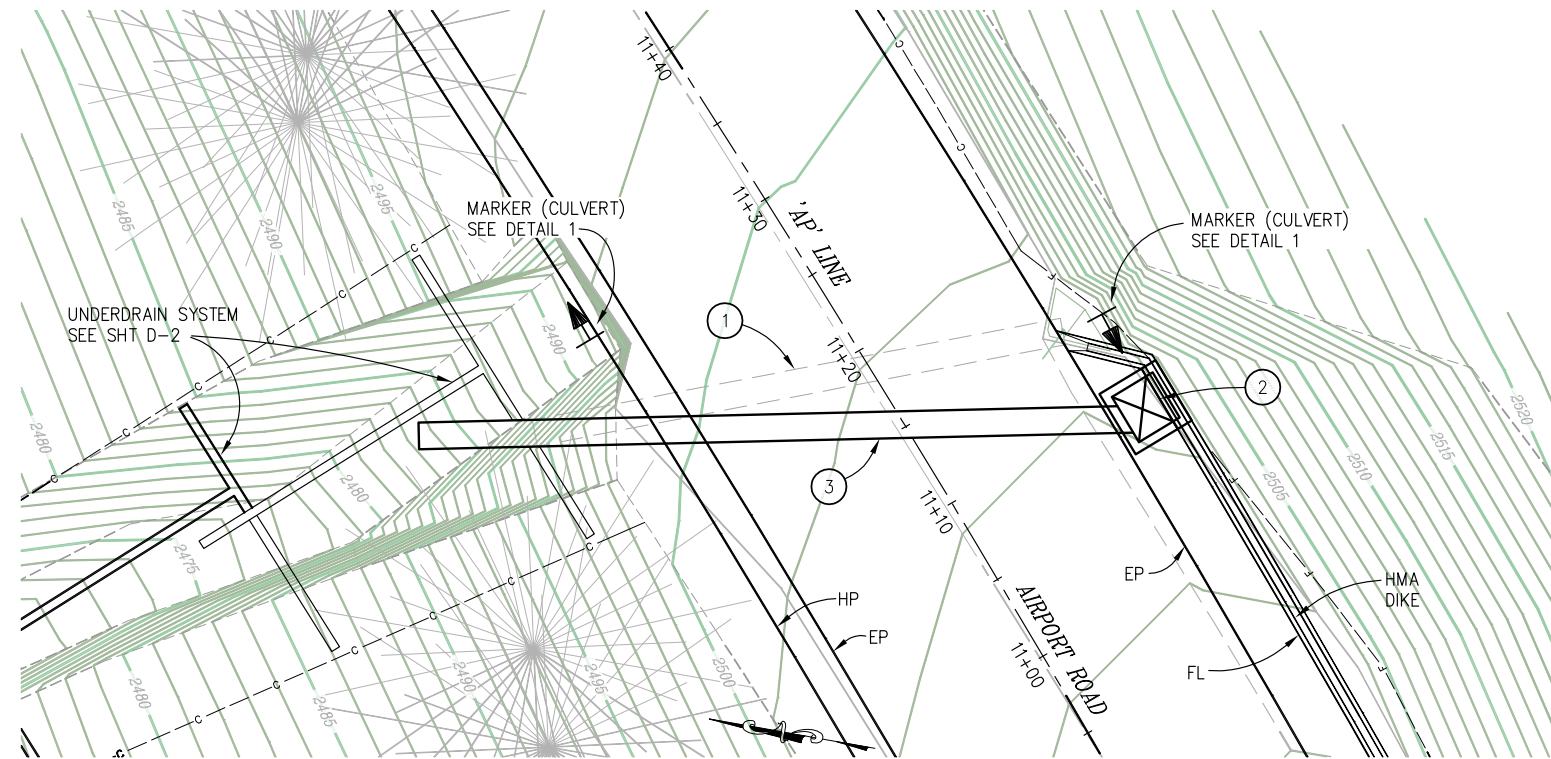


**COUNTY OF EL DORADO
 DEPARTMENT OF TRANSPORTATION**

**AIRPORT ROAD STORM
 DAMAGE REPAIR PROJECT**

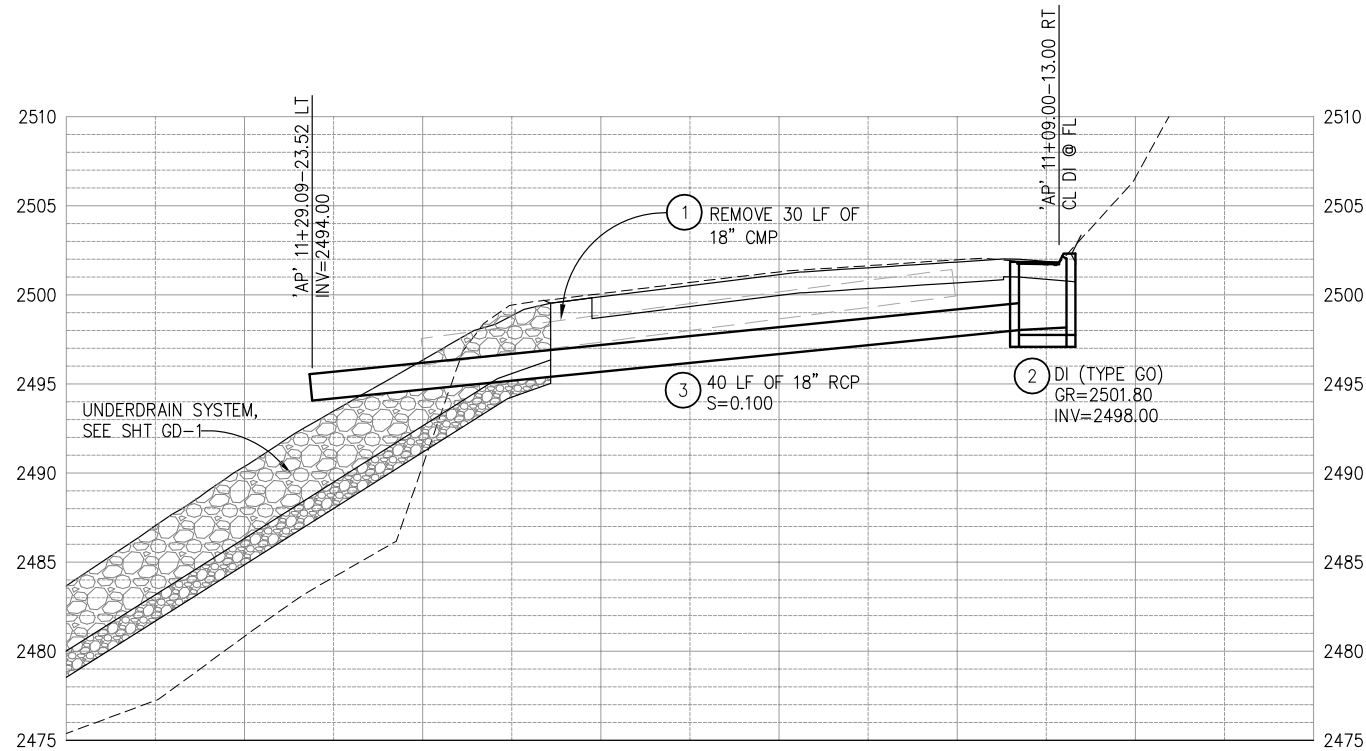
SHEET
P-1
 3 OF 9
 W.O. No. **78717**

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 FOR REDUCED PLANS
 REVISION
 NUMBER DATE DESCRIPTION BY



SYSTEM 'D1' - PLAN

SCALE: 1"=5'

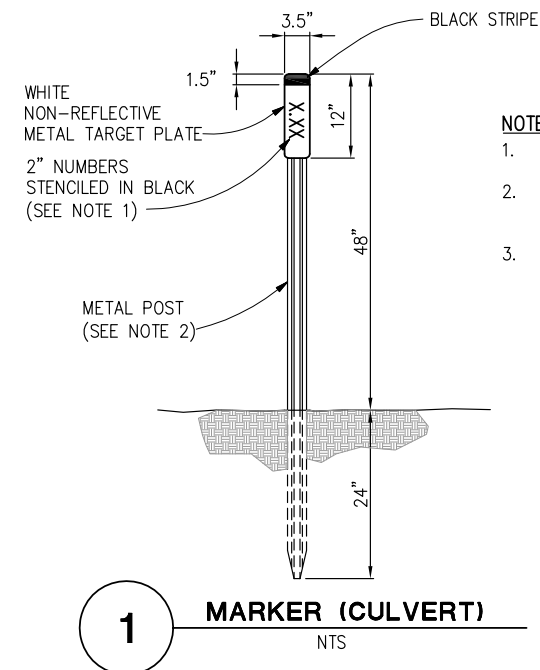


SYSTEM 'D1' - PROFILE

SCALE: 1"=5' H,V

GENERAL NOTES:

1. GO TYPE INLET PER CALTRANS STD PLAN RSP D73E
2. GRATE DETAILS PER CALTRANS STD PLAN D77A OR D77B

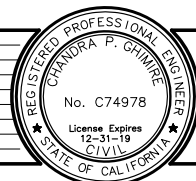


NOTES:

1. POST MILE TO BE SHOWN - "0.31"
2. SEE STANDARD PLAN A73B FOR METAL POST DETAILS.
3. CONTRACTOR SHALL FIELD VERIFY PM WITH ENGINEERS APPROVAL PRIOR TO ORDERING AND PLACING METAL TARGET PLATES. POST MILE IS APPROXIMATE ON THESE PLANS.

1 MARKER (CULVERT)
NTS

DRAINAGE PLAN
SCALE : AS SHOWN



PREPARED UNDER THE SUPERVISION OF :
 REGISTERED CIVIL ENGINEER
 DATE:

DESIGNED: MP
 DRAWN: SGM
 CHECKED: CG
 DATE: 03/19/18
 ROAD NUMBER: 131



COUNTY OF EL DORADO
DEPARTMENT OF TRANSPORTATION

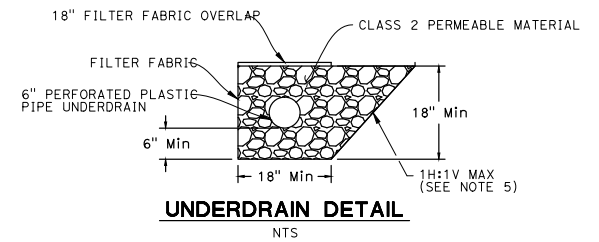
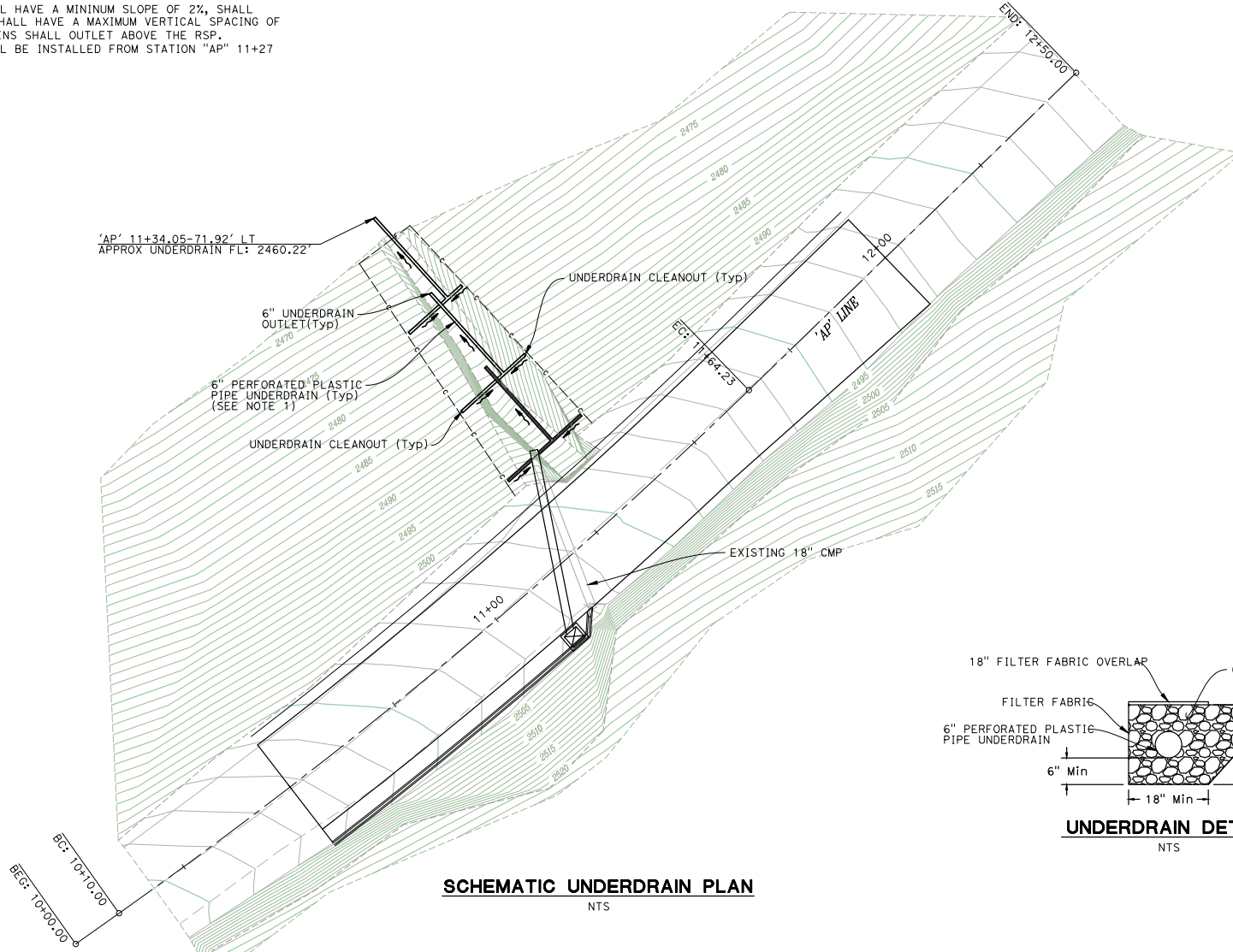
AIRPORT ROAD STORM
DAMAGE REPAIR PROJECT

SHEET
D-1
 4 OF 9
 W.O. No. **78717**

ORIGINAL SCALE IS IN INCHES
 Drawing name: T:\Sacramento\Projects\101000.00_600_CADD_30_Working\Civil\Sheets\01-100 D-1.dwg Layout Tab: D-1 Mar. 21, 2018 - 2:12pm dzurcner

GENERAL NOTES:

1. UNDERDRAINS SHALL HAVE A MINIMUM SLOPE OF 2%, SHALL GRADE TO DRAIN, SHALL HAVE A MAXIMUM VERTICAL SPACING OF 9', AND UNDERDRAINS SHALL OUTLET ABOVE THE RSP. UNDERDRAINS SHALL BE INSTALLED FROM STATION "AP" 11+27 TO "AP" 11+39.



SCHEMATIC UNDERDRAIN PLAN
NTS

DRAINAGE PLAN
SCALE : AS SHOWN

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
Dean Zuercher
 REGISTERED CIVIL ENGINEER
 DATE: 3/21/18

DESIGNED: DZ DRAWN: DZ
 CHECKED: BF DATE: 3/21/18
 ROAD NUMBER: -



COUNTY OF EL DORADO
COMMUNITY DEVELOPMENT AGENCY
TRANSPORTATION DIVISION

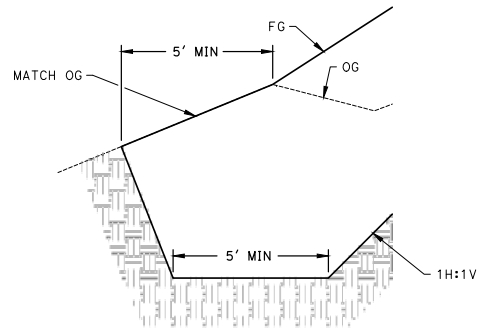
AIRPORT RD SLIPOUT

SHEET
D-2
 5 OF 9
 W.O. No. 78711

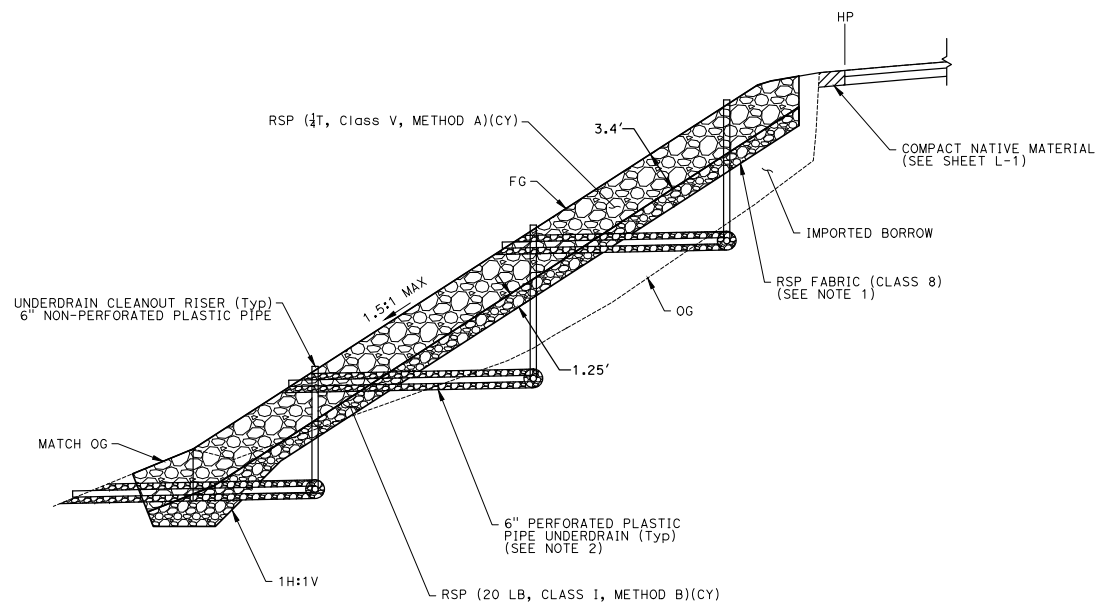
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GENERAL NOTES:

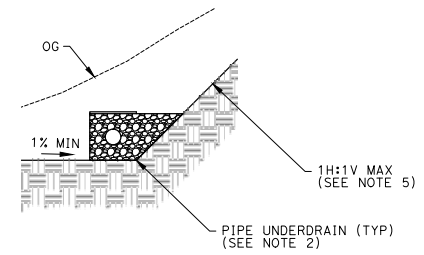
1. RSP FABRIC (CLASS 8) TO BE EMBEDDED 0.5'.
2. SEE SHEET D-2 FOR SCHEMATIC UNDERDRAIN LAYOUT AND DETAIL.
3. KEYWAY TRENCH SHALL BE EXCAVATED TO A MINIMUM WIDTH OF 10' AND A MINIMUM DEPTH OF 3' INTO FIRM, COMPETENT MATERIAL.
4. CUT BACKSLOPE SHALL BE NO STEEPER THAN 1H:1V.
5. BENCHING WITHIN 12' OF THE KEYWAY SHALL BE 2:1, UNLESS OTHERWISE SPECIFIED BY THE ENGINEER. ALL OTHER BENCHING SHALL BE 1:1 MAX.
6. BENCHING SHALL BE CUT INTO THE ORIGINAL SLOPE A MINIMUM OF 3' INTO FIRM, COMPETENT MATERIALS.



KEYWAY TRENCH DETAIL
NTS



SECTION A-A
SCALE: 1"=5'



TYPICAL BENCHING DETAIL
NTS

DRAINAGE DETAIL
SCALE : 1" = 10' H,V

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
Dean Zurcher
REGISTERED CIVIL ENGINEER
DATE: 3/21/18

DESIGNED: DZ
DRAWN: DZ
CHECKED: BF
DATE: 3/21/18
ROAD NUMBER: -

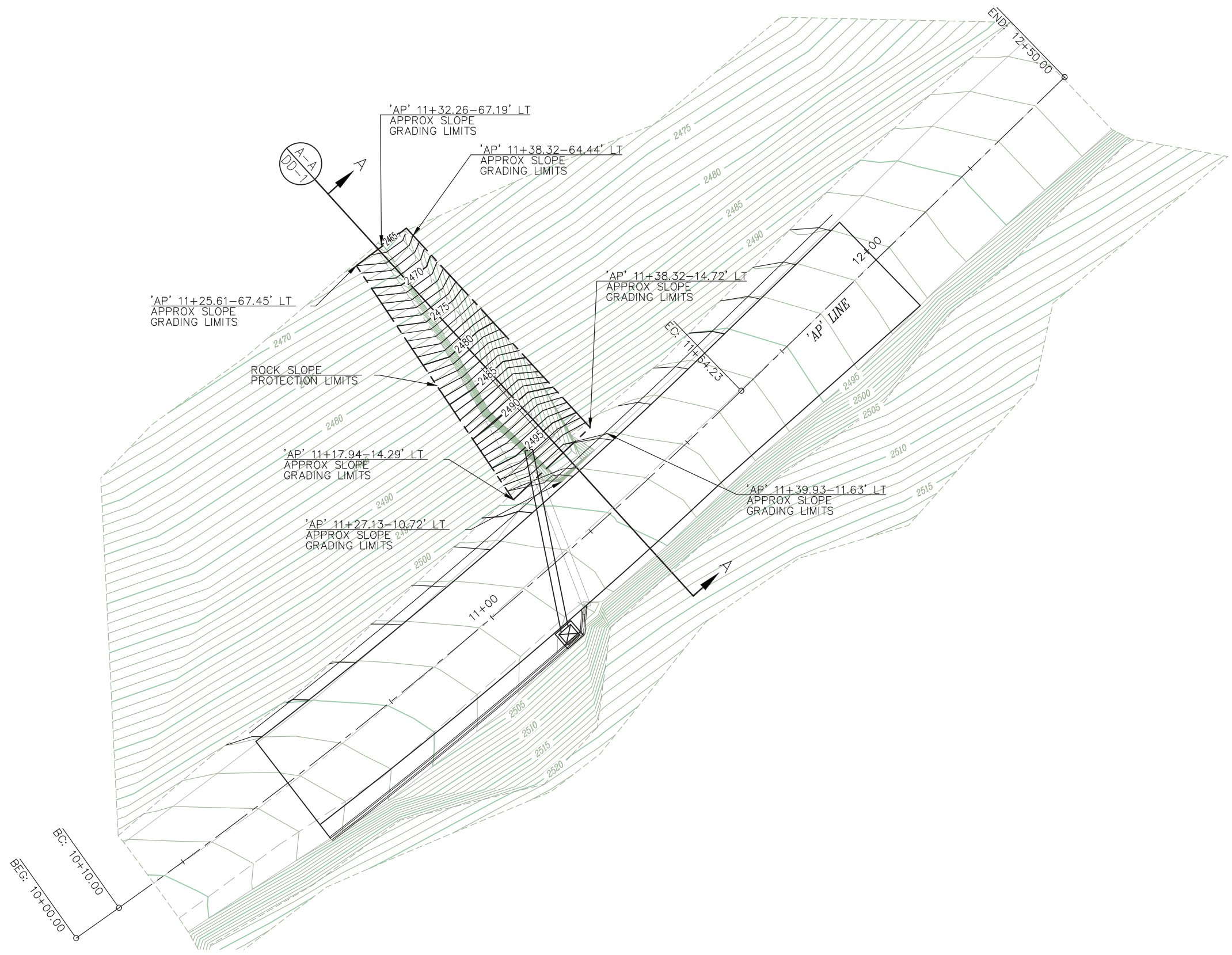


COUNTY OF EL DORADO
COMMUNITY DEVELOPMENT AGENCY
TRANSPORTATION DIVISION

AIRPORT ROAD STORM
DAMAGE REPAIR PROJECT

SHEET
DD-1
6 OF 9
W.C. No. **78711**

ORIGINAL SCALE IS IN INCHES
 Drawing name: T:\Sacramento\Projects\710100.00\600_CADD\30_Working\Civil\Sheets\03-100_GP-1.dwg Layout Tab: GR-1 May 11, 2018 - 5:32pm RIGBSON
 FOR REDUCED PLANS
 2
 1
 0



GRADING PLAN
 SCALE : 1" = 10' H,V



REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
Dean Zurcher
 REGISTERED CIVIL ENGINEER
 DATE: 3/21/18

DESIGNED: DZ
 DRAWN: DZ
 CHECKED: CH
 DATE: 3/21/18
 ROAD NUMBER: -

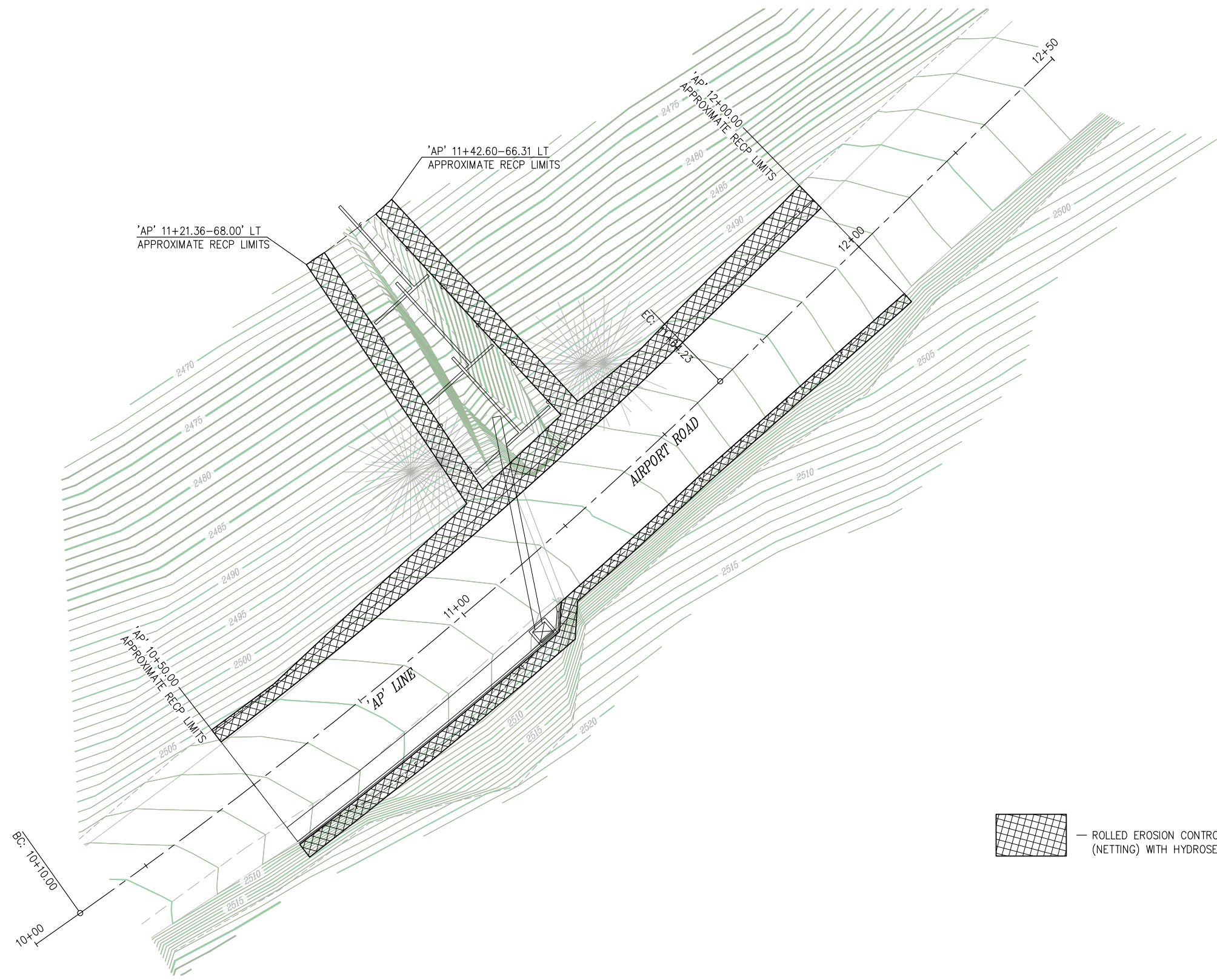


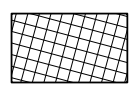
COUNTY OF EL DORADO
 COMMUNITY DEVELOPMENT AGENCY
 TRANSPORTATION DIVISION

AIRPORT ROAD STORM
 DAMAGE REPAIR PROJECT

SHEET
 GP-1
 7 OF 9
 W.O. No. 78711

ORIGINAL SCALE IS IN INCHES
 Drawing name: C:\Civil 3D Projects\78717 Airport Road Damage\CADD Files\Sheets\EC-Sheets.dwg Layout Tab: EC-1 Mar 19, 2018 - 6:38am SMCVey
 FOR REDUCED PLANS
 REVISION
 NUMBER DATE DESCRIPTION BY




 — ROLLED EROSION CONTROL PRODUCT (NETTING) WITH HYDROSEED

EROSION CONTROL PLAN
SCALE : 1" = 10'

NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF :
 REGISTERED CIVIL ENGINEER
 DATE:

DESIGNED: MP
 DRAWN: SGM
 CHECKED: CG
 DATE: 03/19/18
 ROAD NUMBER: 131

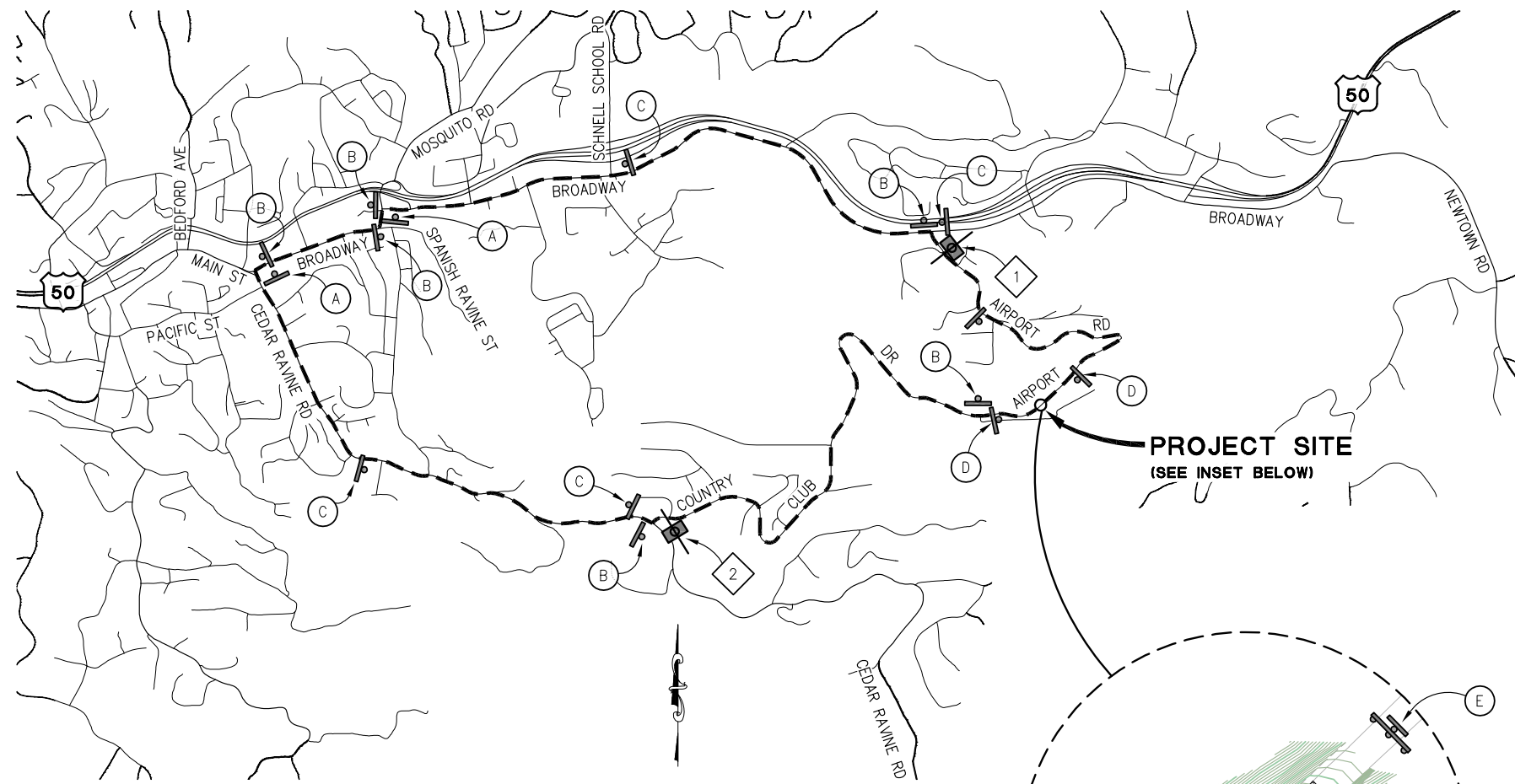


COUNTY OF EL DORADO
DEPARTMENT OF TRANSPORTATION

AIRPORT ROAD STORM
DAMAGE REPAIR PROJECT

SHEET
EC-1
 8 OF 9
 W.O. No. **78717**

ORIGINAL SCALE IS IN INCHES. Drawing name: C:\Civil 3D Projects\78717 Airport Road Damage\CADD Files\Sheets\DE-Sheets.dwg Layout Tab: DE-1 Mar 19, 2018 - 6:34am SMCVey



DETOUR PLAN

SCALE: 1"=1000'

GENERAL NOTES:

1. ADDITIONAL ADVANCED WARNING SIGNS TO BE PLACED PER CALIFORNIA MANUAL ON TRAFFIC CONTROL DEVICES. EXACT LOCATION OF SIGNS AND BARRICADES TO BE DETERMINED BY THE ENGINEER.
2. ALL SIGNS MAY BE PLACED ON TEMPORARY WOOD POSTS, OR ON PORTABLE STANDS, EXCEPT PCMS AND SIGNS ON TYPE III BARRICADES.
3. LIMITS OF CLOSURE SHOWN ARE APPROXIMATE.
4. CONTRACTOR MUST MAINTAIN ACCESS TO ALL DRIVEWAYS DURING CONSTRUCTION.

PORTABLE CHANGEABLE MESSAGE SIGN (PCMS) TABLE			
PCMS No.	FIRST FLASH	SECOND FLASH	THIRD FLASH
1	AIRPORT ROAD CLOSED	1 MILE AHEAD	USE DETOUR
2	AIRPORT ROAD CLOSED	1.5 MILE AHEAD	USE DETOUR

LEGEND

--- DETOUR ROUTE

PCMS - PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY SIGN

TYPE III BARRICADE(S) w/ FLASHING BEACON

AIRPORT ROAD DETOUR
 A M4-9 SIGN, BLACK LETTERING ON ORANGE BACKGROUND (ARROW FACING RIGHT)

AIRPORT ROAD DETOUR
 B M4-9 SIGN, BLACK LETTERING ON ORANGE BACKGROUND (ARROW FACING LEFT)

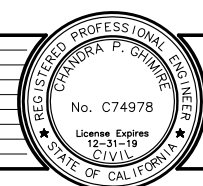
AIRPORT ROAD DETOUR
 C M4-9 SIGN, BLACK LETTERING ON ORANGE BACKGROUND (ARROW FACING UP)

ROAD CLOSED
 600 FT
 D R11-2 SIGN WITH C29(CA), BLACK LETTERING ON ORANGE BACKGROUND

ROAD CLOSED
 E R11-2 SIGN, BLACK LETTERING ON ORANGE BACKGROUND, MOUNTED ON TYPE III BARRICADE W/FLASHING BEACON

FOR REDUCED PLANS

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
 REGISTERED CIVIL ENGINEER

DESIGNED: MP
 DRAWN: SGM
 CHECKED: CG
 DATE: 03/19/18
 ROAD NUMBER: 131



COUNTY OF EL DORADO
 DEPARTMENT OF TRANSPORTATION

AIRPORT ROAD STORM
 DAMAGE REPAIR PROJECT

DETOUR PLAN
 SCALE : AS SHOWN

SHEET
DE-1
 9 OF 9
 W.O. No. **78717**