

DEPARTMENT OF TRANSPORTATION COUNTY OF EL DORADO, CA

PROJECT PLANS FOR THE CONSTRUCTION OF EL DORADO TRAIL CULVERT REPLACEMENT

IN THE COUNTY OF EL DORADO, DISTRICT 3
NORTH SIDE OF HIGHWAY 50 AT MP 19.5 ON THE EL DORADO TRAIL

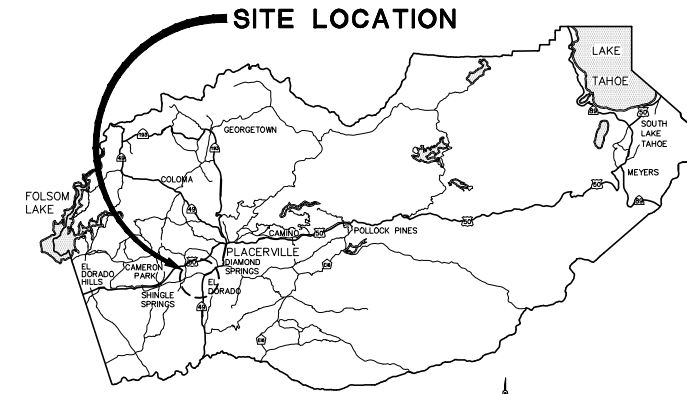
To be supplemented with Standard Plans and Specifications dated May 2006,
including the amendments to the May 2006 Standard Specifications, of the
California Department of Transportation, unless otherwise noted.

INDEX OF SHEETS

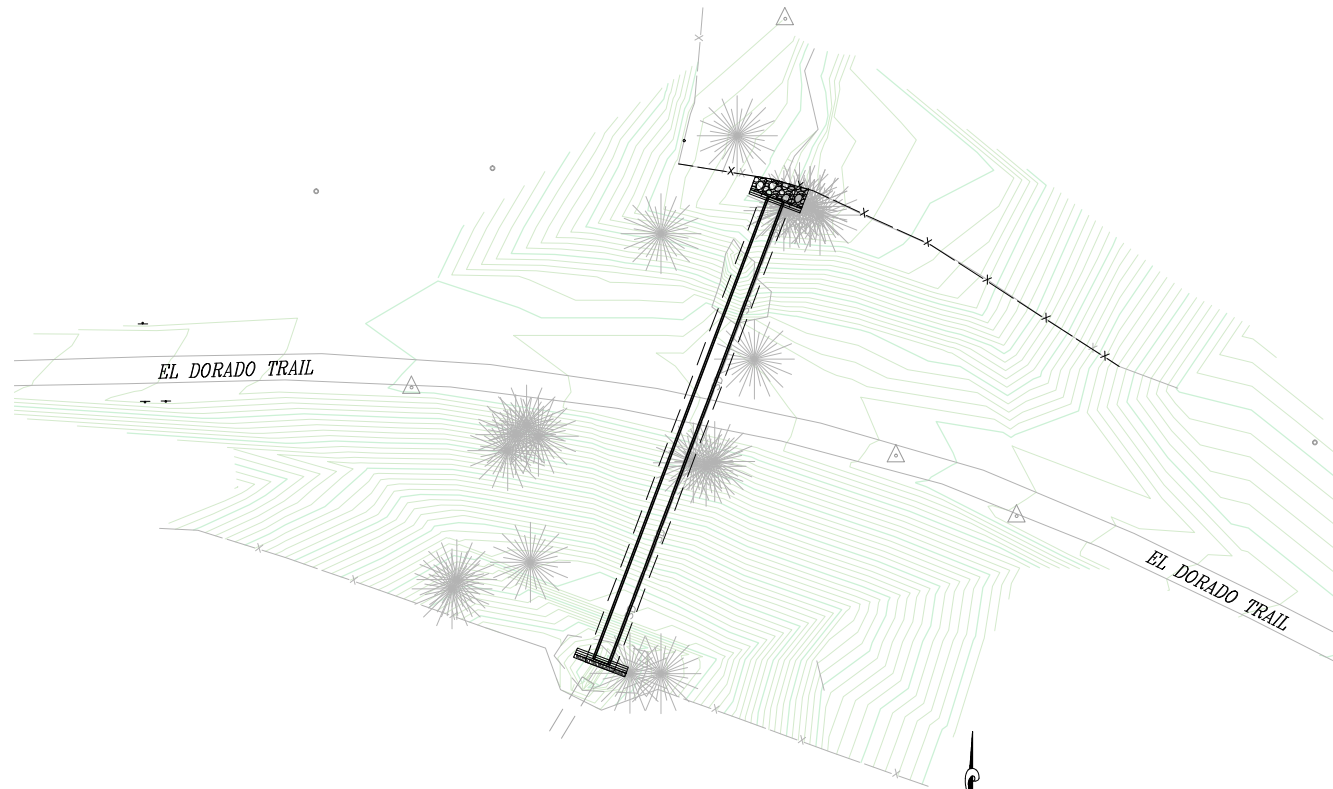
SHEET	PLAN SHEET	TITLE
1		TITLE SHEET
2	L-1	LAYOUT
3	D-1	DRAINAGE LAYOUT
4	DM-1	DEMOLITION AND EXCAVATION
5	CS-1	CONSTRUCTION AREA SIGNS, TRAIL CLOSURE, AND OVERLAY LIMITS
6-10	X-1 THRU X-5	EXISTING GROUND CROSS SECTIONS

ABBREVIATIONS:

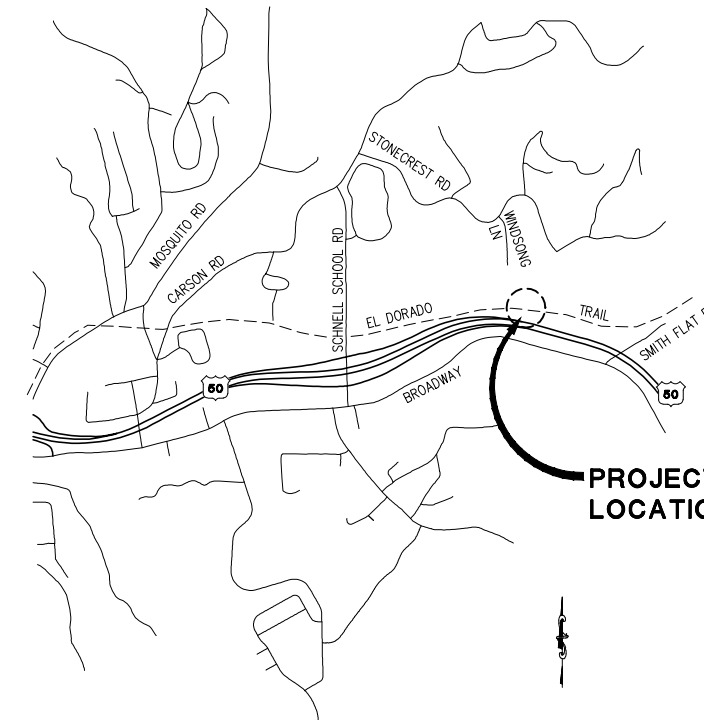
AP - ANGLE POINT



VICINITY MAP
COUNTY OF EL DORADO



SITE PLAN
SCALE: 1"=30'



LOCATION MAP
NOT TO SCALE

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. 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 at the time bids are submitted shall constitute a failure to execute the Contract, and forfeiture as provided under that section.



6-30-11



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

BOARD OF SUPERVISORS

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

COUNTY OF EL DORADO DEPARTMENT OF TRANSPORTATION

(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, P.E. NO. 061036
DIRECTOR, EL DORADO COUNTY DEPARTMENT OF TRANSPORTATION

DATE _____

MATTHEW D. SMELTZER, P.E. NO. C56832
DEPUTY DIRECTOR ENGINEERING DIVISION, EL DORADO COUNTY DEPARTMENT OF TRANSPORTATION

REVISIONS

MARK	DATE	BY

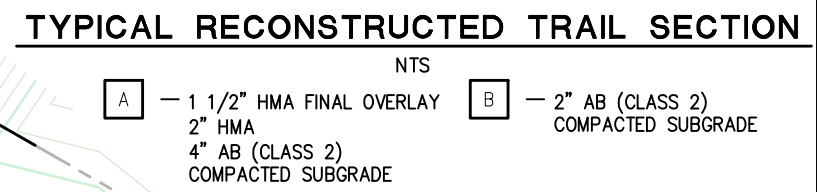
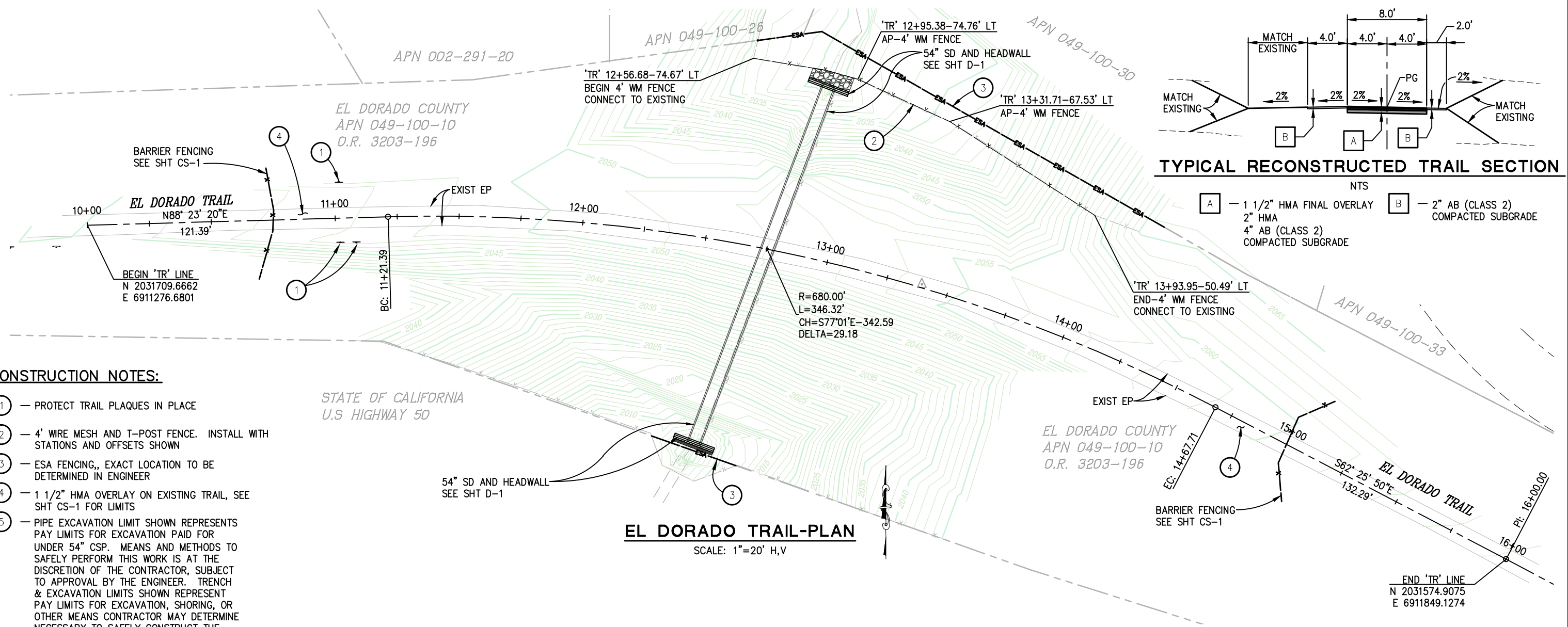
PW NO. PW 11-30587 PROJECT NO. 99565

EL DORADO TRAIL CULVERT REPLACEMENT

TITLE SHEET

SHEET 1 OF 10

ORIGINAL SCALE IS IN INCHES
 Drawing name: C:\Civil_3D\Projects\99565 El Dorado Trail Culvert Repair\CADD Files\Sheets\L-1.dwg Layout Tab: L-1 Jun 30 2011 - 2:16pm SMC\vey
 FOR REDUCED PLANS

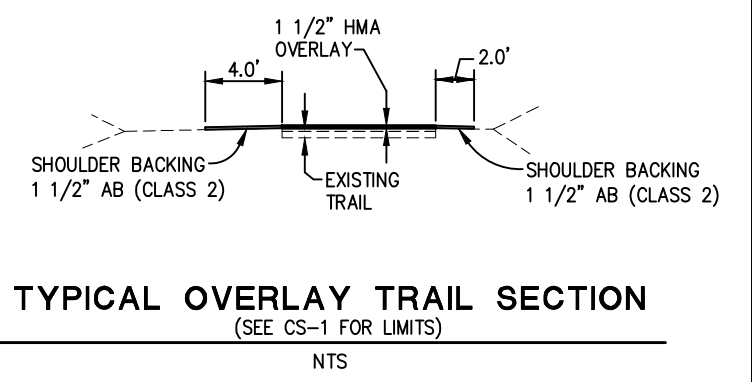
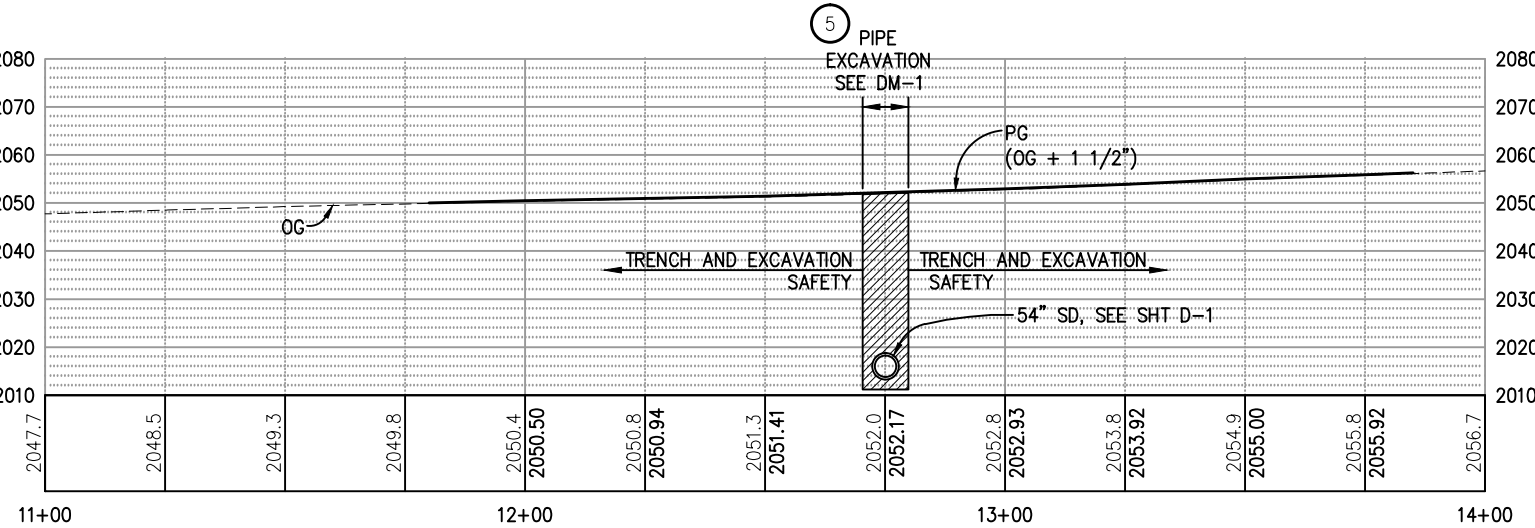


CONSTRUCTION NOTES:

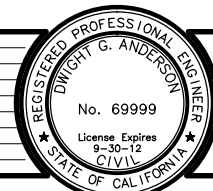
- ① — PROTECT TRAIL PLAQUES IN PLACE
- ② — 4' WIRE MESH AND T-POST FENCE. INSTALL WITH STATIONS AND OFFSETS SHOWN
- ③ — ESA FENCING,, EXACT LOCATION TO BE DETERMINED IN ENGINEER
- ④ — 1 1/2" HMA OVERLAY ON EXISTING TRAIL, SEE SHT CS-1 FOR LIMITS
- ⑤ — PIPE EXCAVATION LIMIT SHOWN REPRESENTS PAY LIMITS FOR EXCAVATION PAID FOR UNDER 54" CSP. MEANS AND METHODS TO SAFELY PERFORM THIS WORK IS AT THE DISCRETION OF THE CONTRACTOR, SUBJECT TO APPROVAL BY THE ENGINEER. TRENCH & EXCAVATION LIMITS SHOWN REPRESENT PAY LIMITS FOR EXCAVATION, SHORING, OR OTHER MEANS CONTRACTOR MAY DETERMINE NECESSARY TO SAFELY CONSTRUCT THE WORK.

GENERAL NOTES:

- 1. SEE SHEET DM-1 FOR DEMOLITION AND EXCAVATION DETAILS
- 2. SEE SHEET D-1 FOR STORM DRAINAGE DETAILS
- 3. EROSION CONTROL (TYPE D) SHALL BE APPLIED TO ALL EXPOSED DISTURBED SOIL AREAS
- 4. FIBER ROLLS SHALL BE INSTALLED ON LEVEL CONTOURS WITH MINIMUM SPACING OF EVERY 10' IN ELEVATION CHANGE
- 5. SLOPES STEEPER THAN 2:1 HORIZONTAL: VERTICAL SHALL BE COVERED WITH EROSION CONTROL BLANKET
- 6. CONTRACTOR SHALL LIMIT DISTURBANCE TO LESS THAN ONE ACRE.

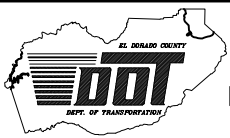


EL DORADO TRAIL-PROFILE
SCALE: 1"=20' H,V



PREPARED UNDER THE SUPERVISION OF :
 REGISTERED CIVIL ENGINEER
 DATE:

DESIGNED: DA
 DRAWN: SGM
 CHECKED: AB
 DATE: 06/30/11
 ROAD NUMBER:



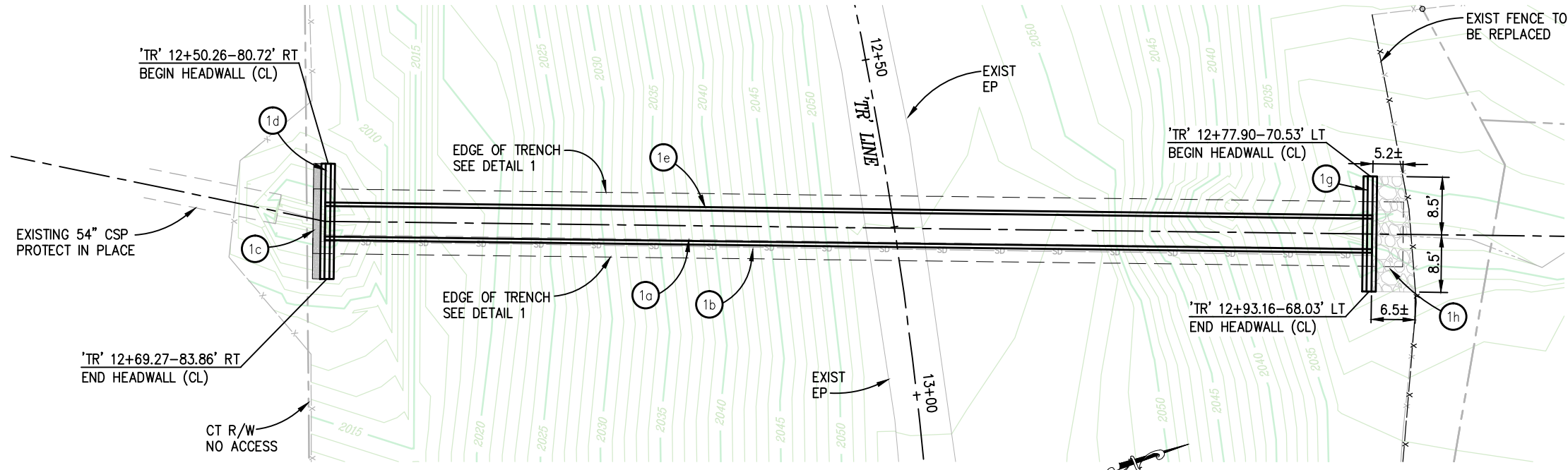
EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION

EL DORADO TRAIL CULVERT REPLACEMENT

LAYOUT SCALE : AS SHOWN

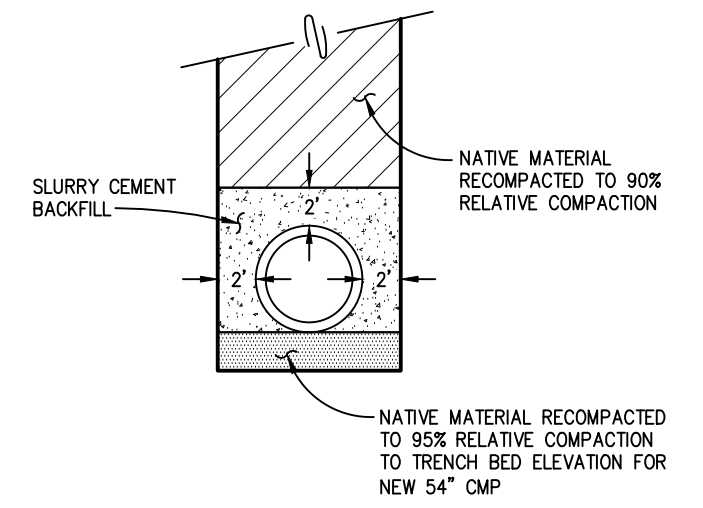
SHEET L-1
2 OF 10
W.O. No. 99565

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 FOR REDUCED PLANS

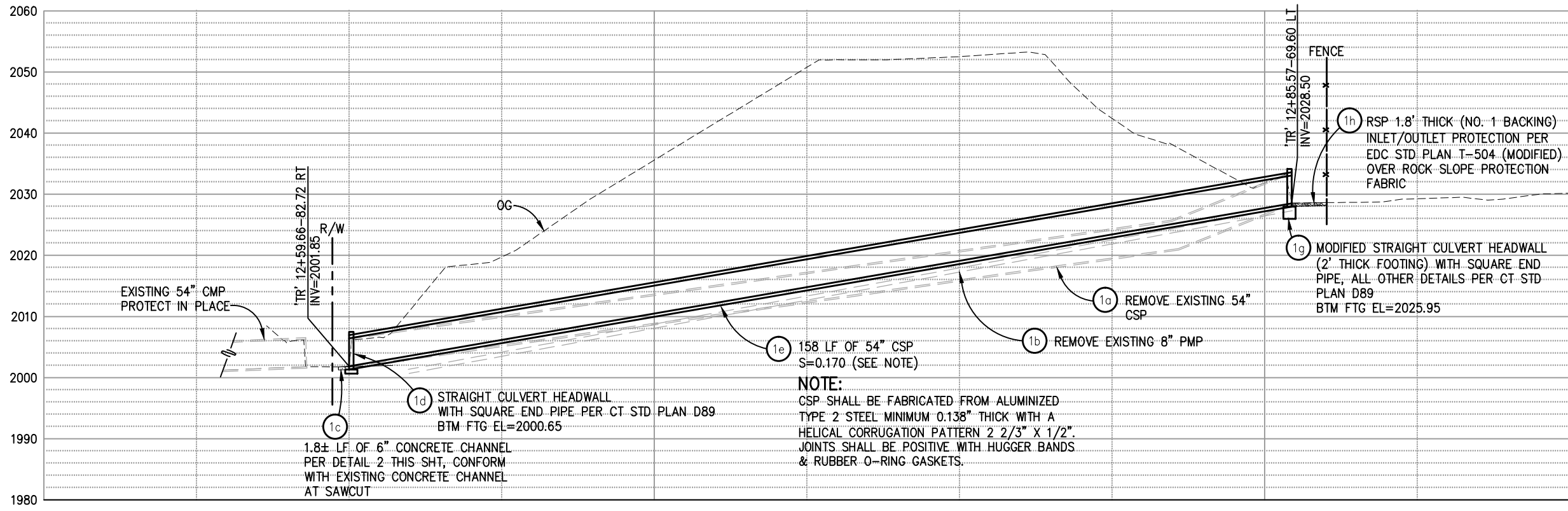


DRAINAGE SYSTEM-PLAN
SCALE: 1"=10'

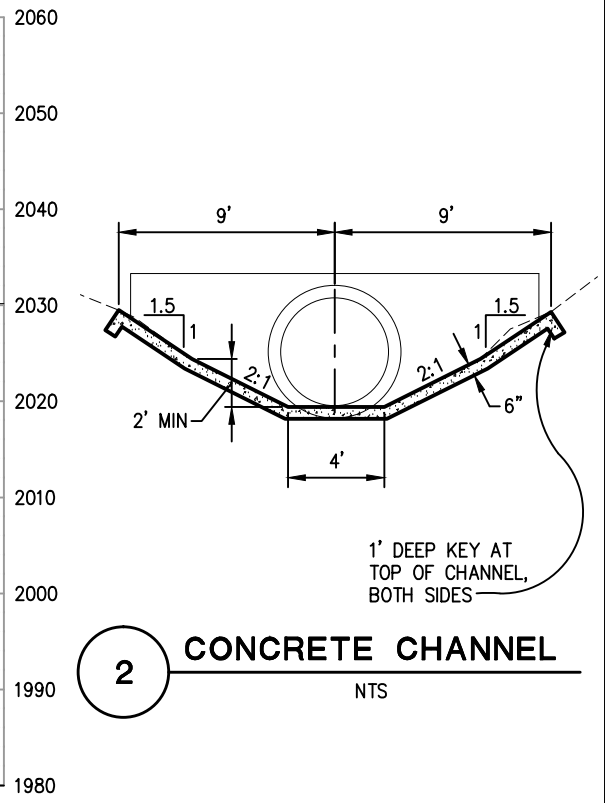
- GENERAL NOTES:**
- REFER TO SHEET DM-1 FOR EXCAVATION AND TRENCHING.
 - TRAIL ALIGNMENT SHOWN FOR REFERENCE. SEE SHEET L-1



1 TRENCH DETAIL
NTS

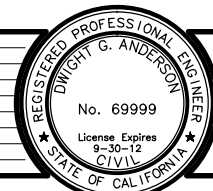


DRAINAGE SYSTEM-PROFILE
SCALE: 1"=10' H,V



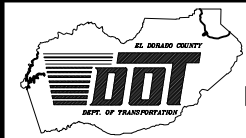
2 CONCRETE CHANNEL
NTS

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



PREPARED UNDER THE SUPERVISION OF:
 DWIGHT G. ANDERSON
 REGISTERED CIVIL ENGINEER

DESIGNED: DA
 DRAWN: SGM
 CHECKED: AB
 DATE: 06/30/11
 ROAD NUMBER: -



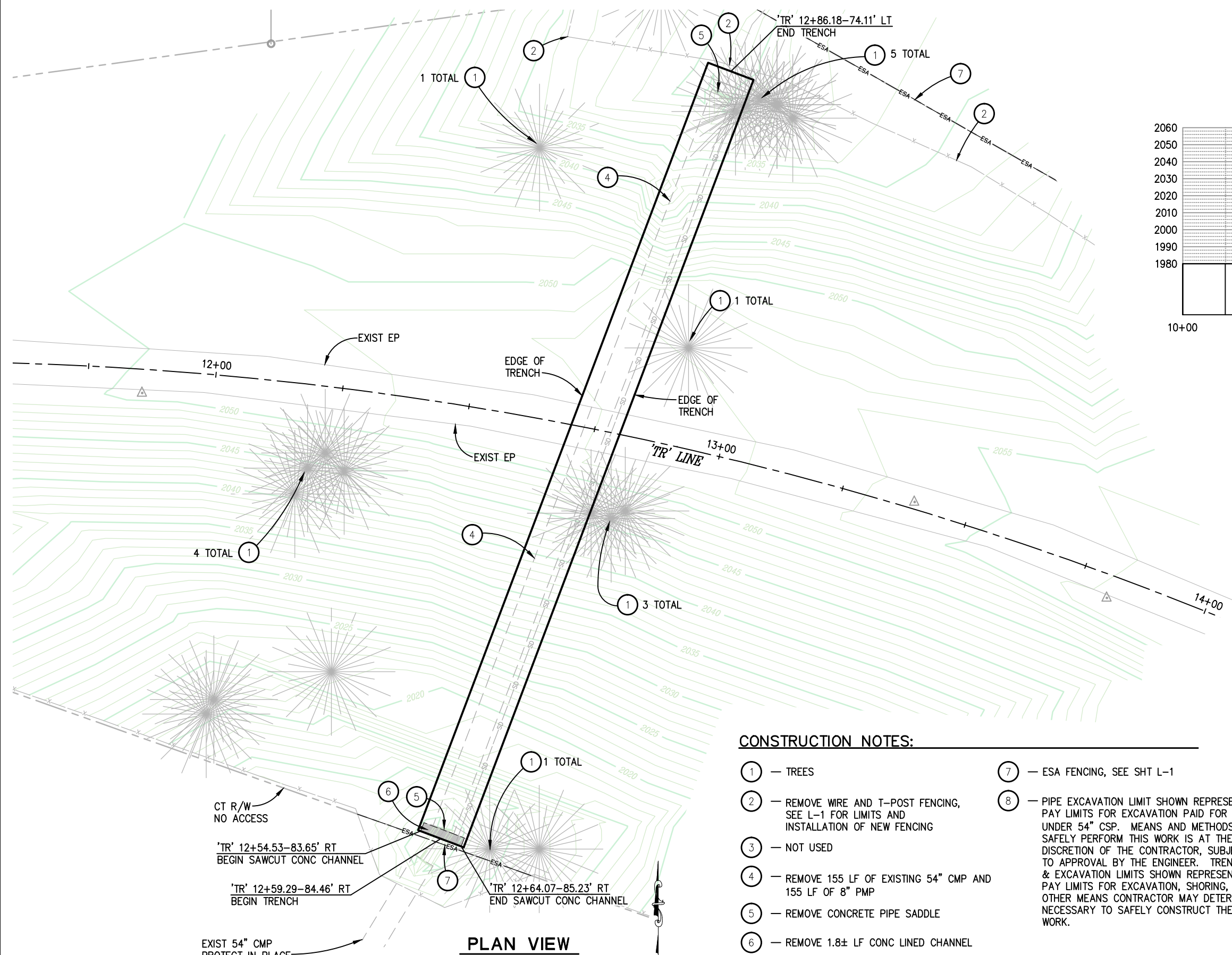
EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION

EL DORADO TRAIL CULVERT REPLACEMENT

SHEET
D-1
 3 OF 10
 W.O. No. 99565

REVISION	NUMBER	DATE	DESCRIPTION	BY

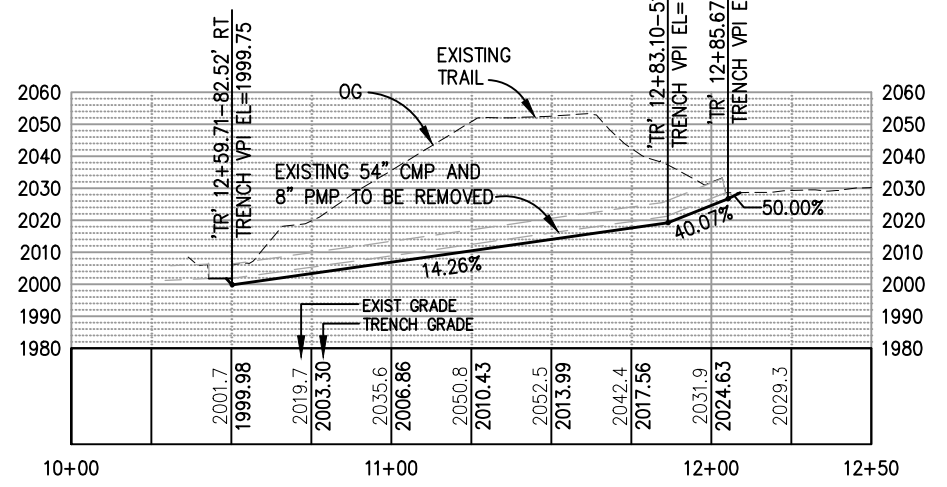
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FOR REDUCED PLANS



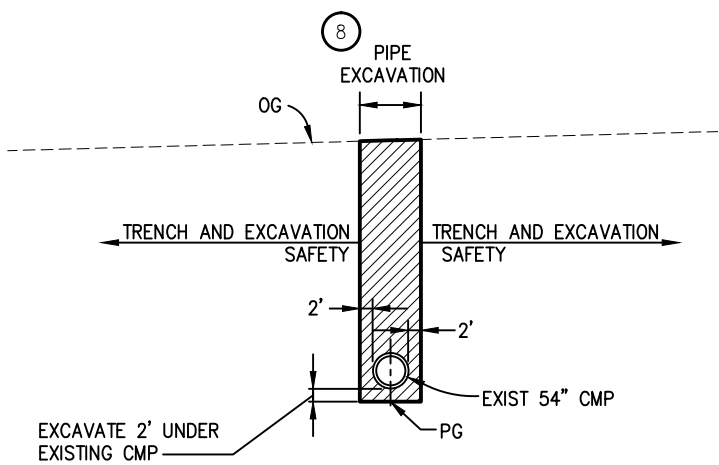
PLAN VIEW
SCALE: 1"=10'

CONSTRUCTION NOTES:

- ① — TREES
- ② — REMOVE WIRE AND T-POST FENCING, SEE L-1 FOR LIMITS AND INSTALLATION OF NEW FENCING
- ③ — NOT USED
- ④ — REMOVE 155 LF OF EXISTING 54" CMP AND 155 LF OF 8" PMP
- ⑤ — REMOVE CONCRETE PIPE SADDLE
- ⑥ — REMOVE 1.8± LF CONC LINED CHANNEL
- ⑦ — ESA FENCING, SEE SHT L-1
- ⑧ — PIPE EXCAVATION LIMIT SHOWN REPRESENTS PAY LIMITS FOR EXCAVATION PAID FOR UNDER 54" CSP. MEANS AND METHODS TO SAFELY PERFORM THIS WORK IS AT THE DISCRETION OF THE CONTRACTOR, SUBJECT TO APPROVAL BY THE ENGINEER. TRENCH & EXCAVATION LIMITS SHOWN REPRESENT PAY LIMITS FOR EXCAVATION, SHORING, OR OTHER MEANS CONTRACTOR MAY DETERMINE NECESSARY TO SAFELY CONSTRUCT THE WORK.



EXCAVATION PROFILE
NTS



EXCAVATION SECTION
NTS

GENERAL NOTES:

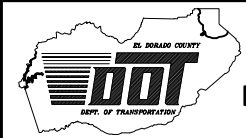
- 1. EXCAVATE 2' UNDER EXISTING PIPE
- 2. SEE L-1 FOR 'TR' LINE ALIGNMENT DATA

DEMOLITION AND EXCAVATION
SCALE : AS SHOWN



PREPARED UNDER THE SUPERVISION OF :
REGISTERED CIVIL ENGINEER
DATE:

DESIGNED: DA
DRAWN: SGM
CHECKED: AB
DATE: 06/30/11
ROAD NUMBER:

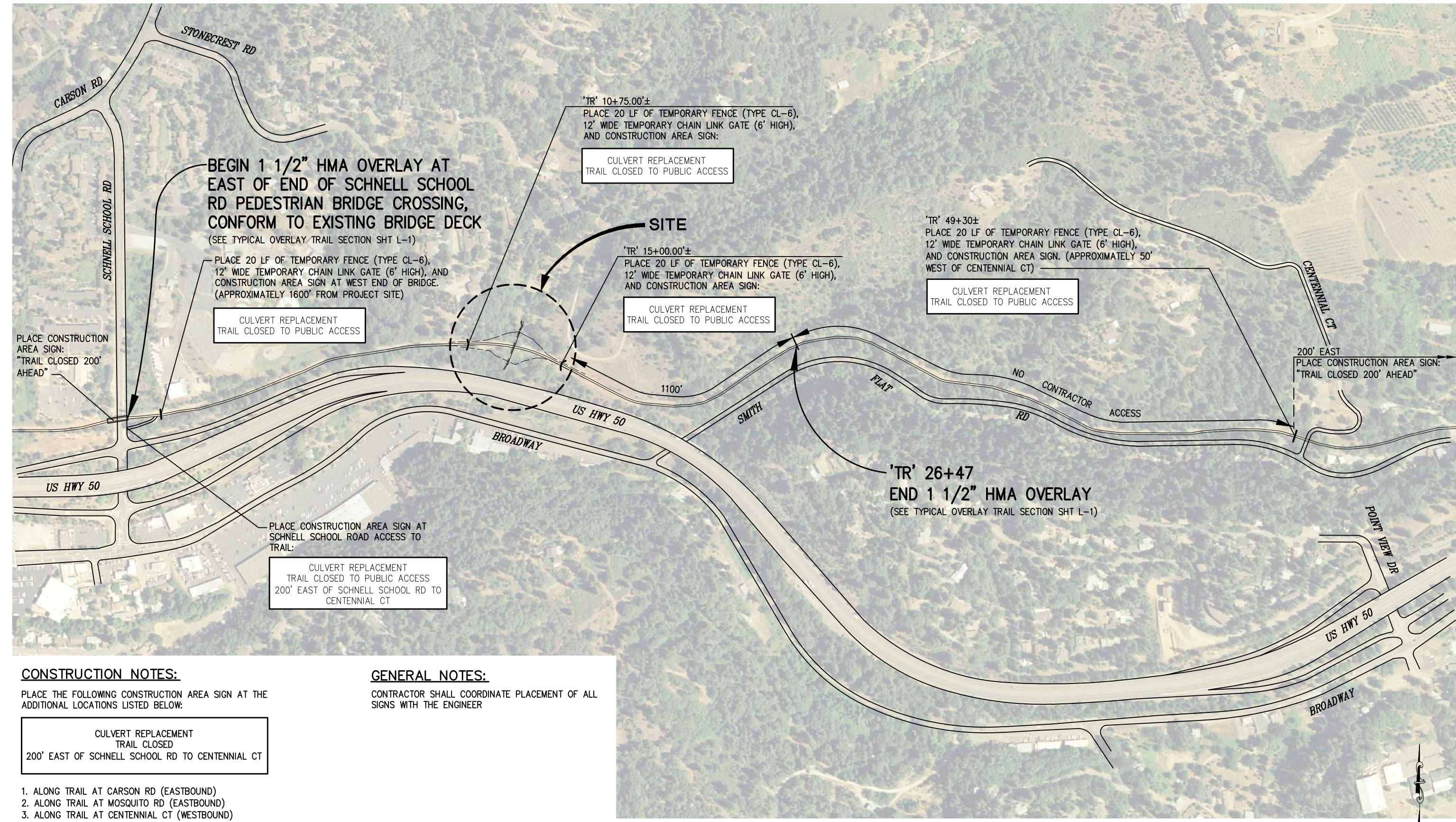


EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION

EL DORADO TRAIL CULVERT
REPLACEMENT

SHEET
DM-1
4 OF 10
W.O. No. **99565**

ORIGINAL SCALE IS IN INCHES
Drawing name: C:\Civil 3D\Projects\99565 El Dorado Trail Culvert Repair\CADD Files\Sheets\CS-1.dwg Layout Tab: CS-1 Jun 30, 2011 - 2:20pm SMcVey



CONSTRUCTION NOTES:

PLACE THE FOLLOWING CONSTRUCTION AREA SIGN AT THE ADDITIONAL LOCATIONS LISTED BELOW:

CULVERT REPLACEMENT
TRAIL CLOSED
200' EAST OF SCHNELL SCHOOL RD TO CENTENNIAL CT

1. ALONG TRAIL AT CARSON RD (EASTBOUND)
2. ALONG TRAIL AT MOSQUITO RD (EASTBOUND)
3. ALONG TRAIL AT CENTENNIAL CT (WESTBOUND)

GENERAL NOTES:

CONTRACTOR SHALL COORDINATE PLACEMENT OF ALL SIGNS WITH THE ENGINEER

CONSTRUCTION AREA SIGNS, TRAIL CLOSURE, AND OVERLAY LIMITS
SCALE : 1" = 200'

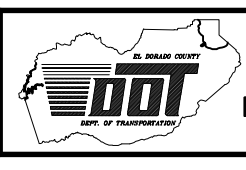
REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF :

REGISTERED CIVIL ENGINEER

DESIGNED: DA DRAWN: SGM
CHECKED: DA DATE: 06/30/11
ROAD NUMBER: -

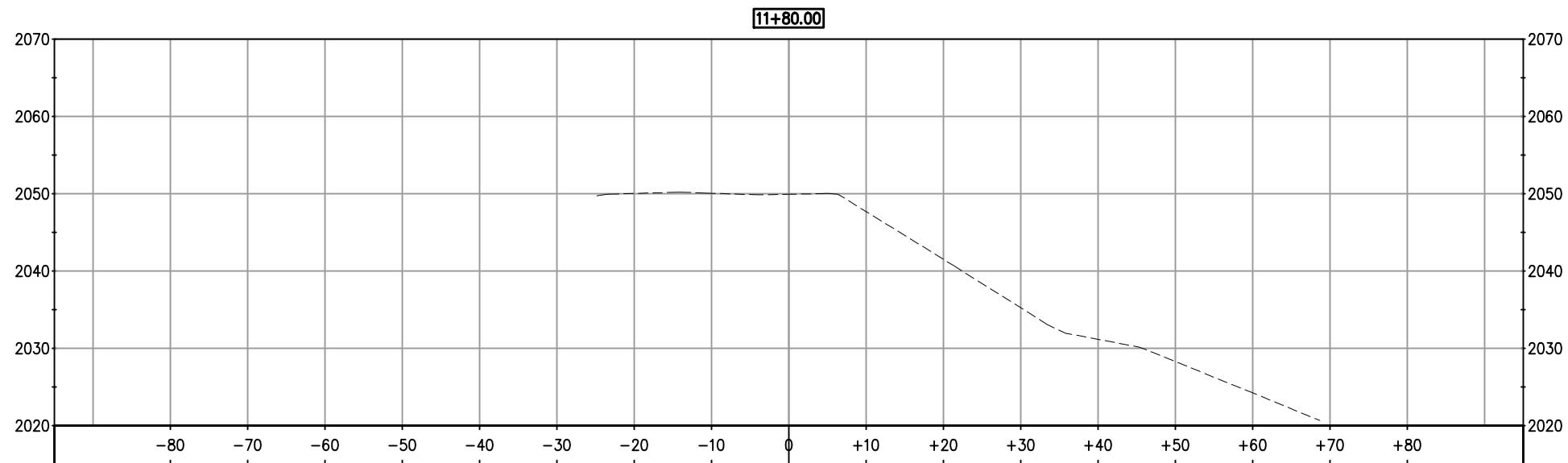
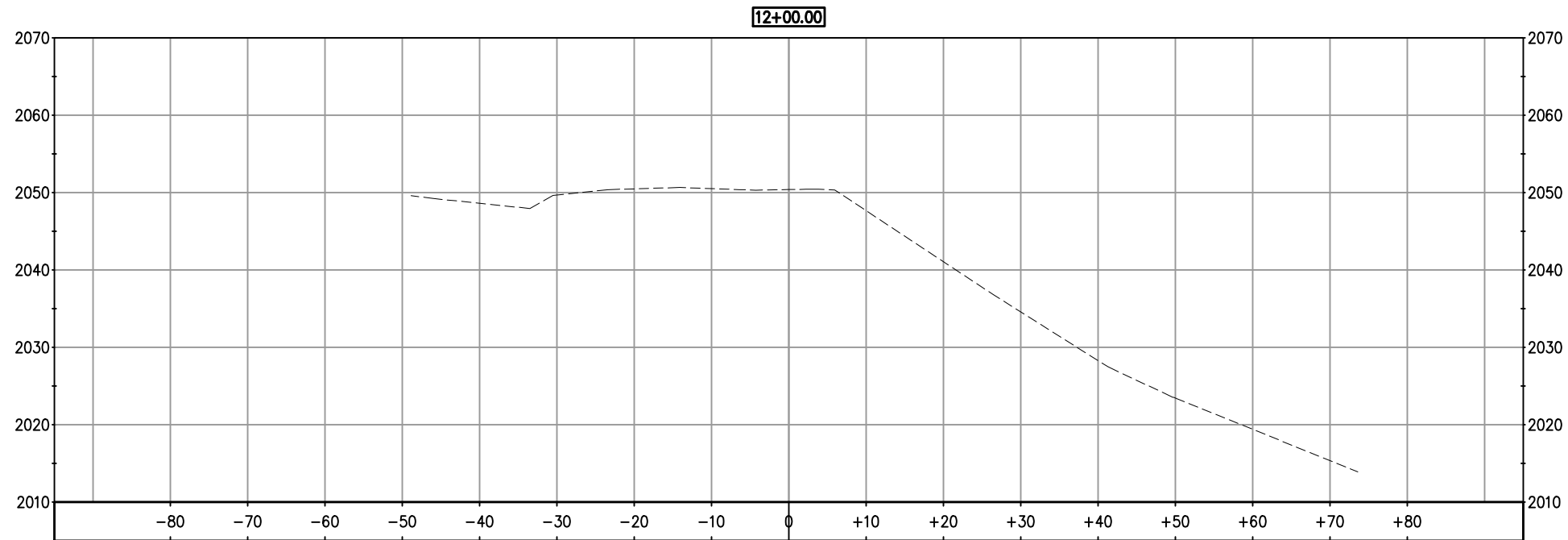


EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION

**EL DORADO TRAIL CULVERT
REPLACEMENT**

SHEET
CS-1
5 OF 10
W.O. No. **99565**

ORIGINAL SCALE IS IN INCHES
 Drawing name: C:\Civil 3D Projects\99565 El Dorado Trail Culvert Repair\CADD Files\Production drawings\Sections.dwg Layout Tab: X-1 Jun 30, 2011 11:28am SMe/ey
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 FOR REDUCED PLANS

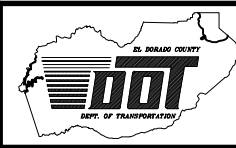


REVISION	NUMBER	DATE	DESCRIPTION	BY

PREPARED UNDER THE SUPERVISION OF :

 REGISTERED CIVIL ENGINEER
 DATE: _____

DESIGNED: DA DRAWN: SGM
 CHECKED: DA DATE: 06/30/11
 ROAD NUMBER: -



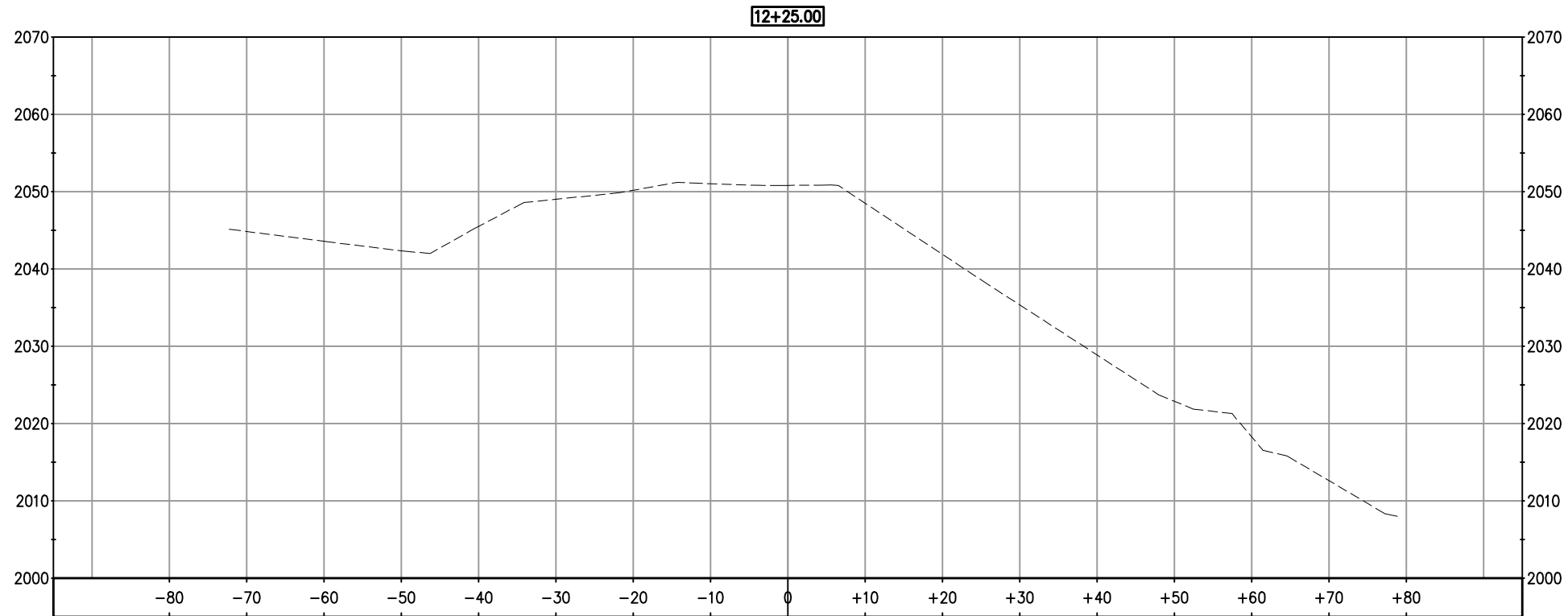
EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION

EL DORADO TRAIL CULVERT
REPLACEMENT

CROSS SECTIONS
SCALE : 1" = 10' H,V

SHEET
X-1
 6 OF 10
 W.O. No. **99565**

ORIGINAL SCALE IS IN INCHES
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 FOR REDUCED PLANS
 2
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 0



CROSS SECTIONS
 SCALE : 1" = 10' H,V

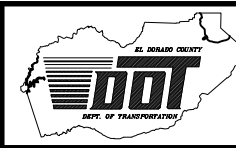
REVISION	NUMBER	DATE	DESCRIPTION	BY

PREPARED UNDER THE SUPERVISION OF :

 REGISTERED CIVIL ENGINEER
 DATE: _____

DESIGNED: DA
 CHECKED: DA
 ROAD NUMBER: -

DRAWN: SGM
 DATE: 06/30/11

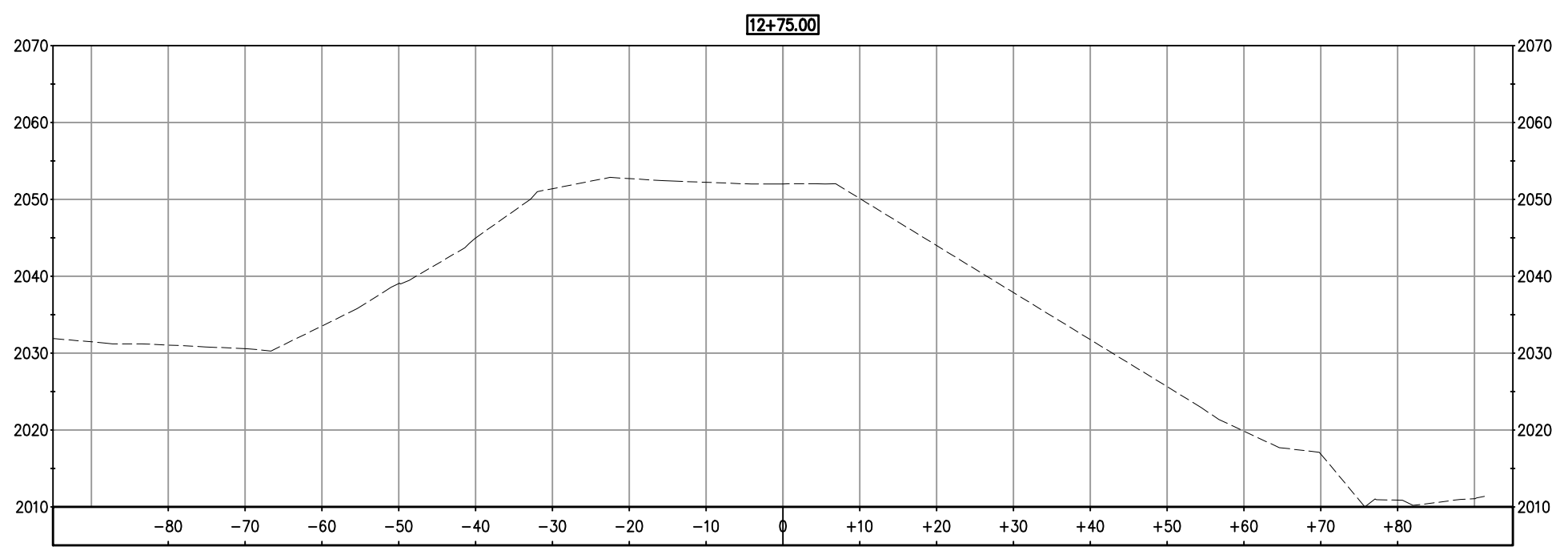
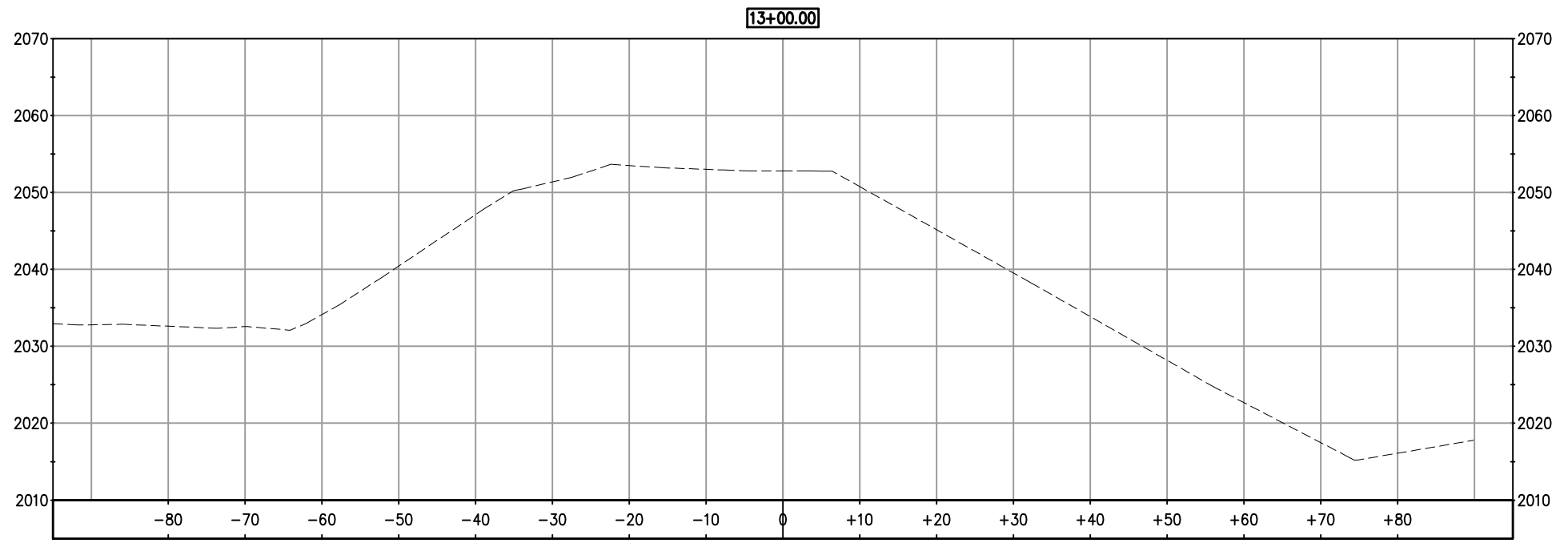


EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION

EL DORADO TRAIL CULVERT
REPLACEMENT

SHEET
X-2
 7 OF 10
 W.O. No. **99565**

ORIGINAL SCALE IS IN INCHES
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 FOR REDUCED PLANS
 2
 1
 0



CROSS SECTIONS
SCALE : 1" = 10' H,V

REVISION	NUMBER	DATE	DESCRIPTION	BY

PREPARED UNDER THE SUPERVISION OF :

REGISTERED CIVIL ENGINEER

DATE: _____

DESIGNED: DA DRAWN: SGM

CHECKED: DA DATE: 06/30/11

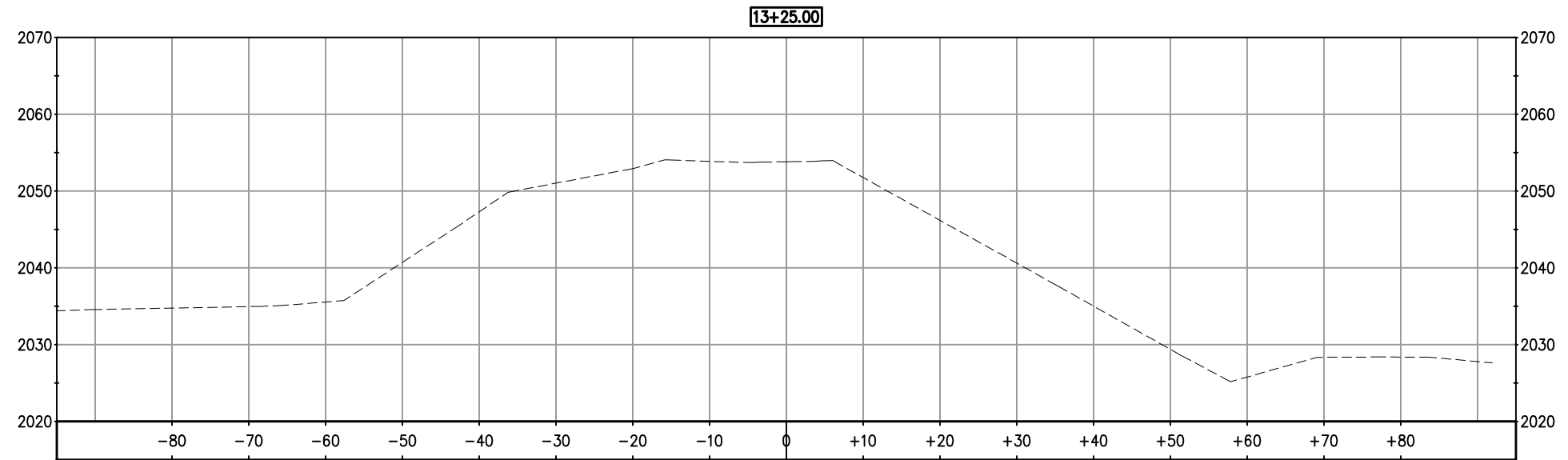
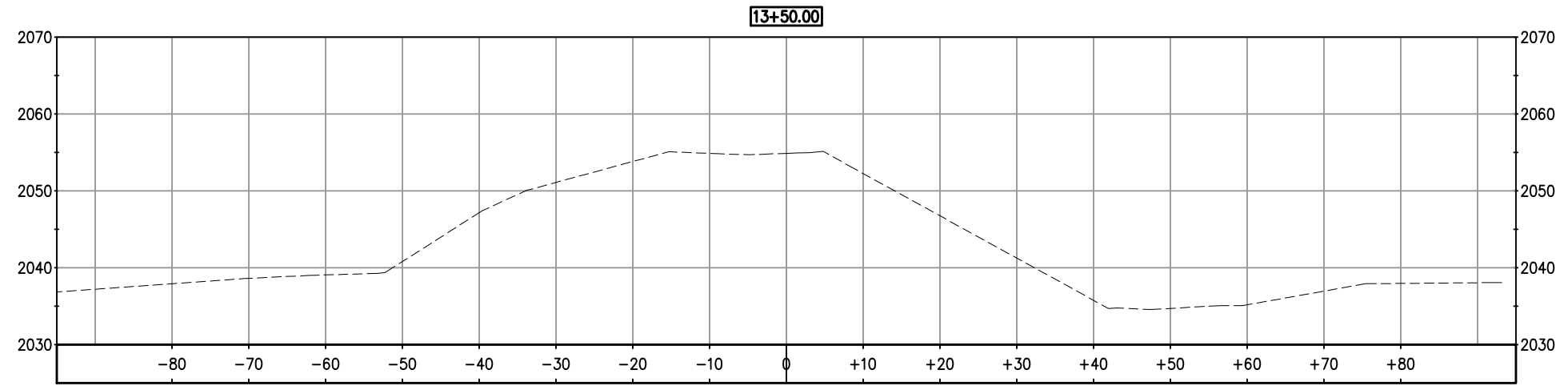
ROAD NUMBER: -



EL DORADO TRAIL CULVERT REPLACEMENT

SHEET
X-3
8 OF 10
W.O. No. **99565**

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 FOR REDUCED PLANS
 2
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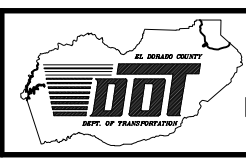
CROSS SECTIONS
SCALE : 1" = 10' H,V

REVISION	NUMBER	DATE	DESCRIPTION	BY

PREPARED UNDER THE SUPERVISION OF :

 REGISTERED CIVIL ENGINEER
 DATE: _____

DESIGNED: DA SGM
 CHECKED: DA
 DATE: 06/30/11
 ROAD NUMBER: -

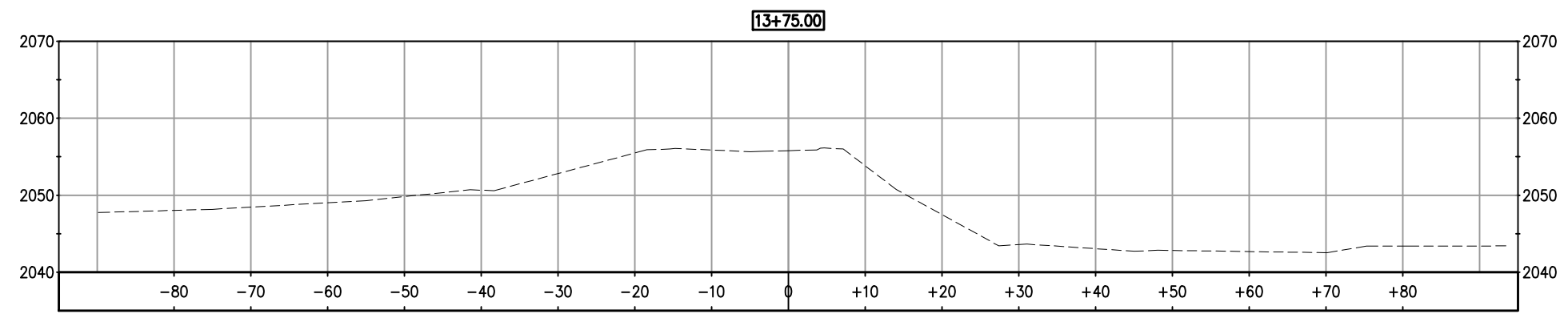
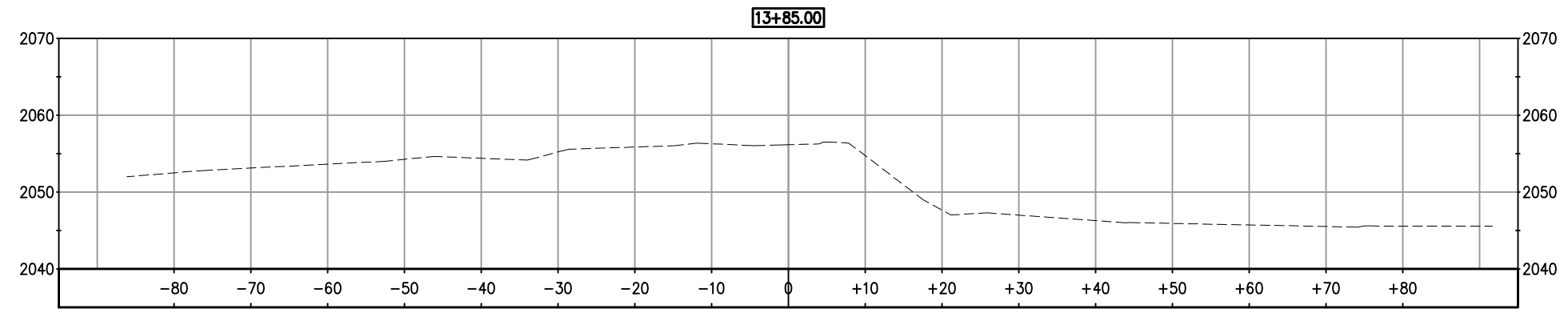


EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION

EL DORADO TRAIL CULVERT
REPLACEMENT

SHEET
X-4
 9 OF 10
 W.O. No. **99565**

ORIGINAL SCALE IS IN INCHES
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 FOR REDUCED PLANS
 2
 1
 0



CROSS SECTIONS
 SCALE : 1" = 10' H,V

REVISION	NUMBER	DATE	DESCRIPTION	BY

PREPARED UNDER THE SUPERVISION OF :

REGISTERED CIVIL ENGINEER

DATE:

DESIGNED: DA
 CHECKED: DA
 ROAD NUMBER: -

DRAWN: SGM
 DATE: 06/30/11



EL DORADO TRAIL CULVERT REPLACEMENT

SHEET
X-5
 10 OF 10
 W.O. No. **99565**