

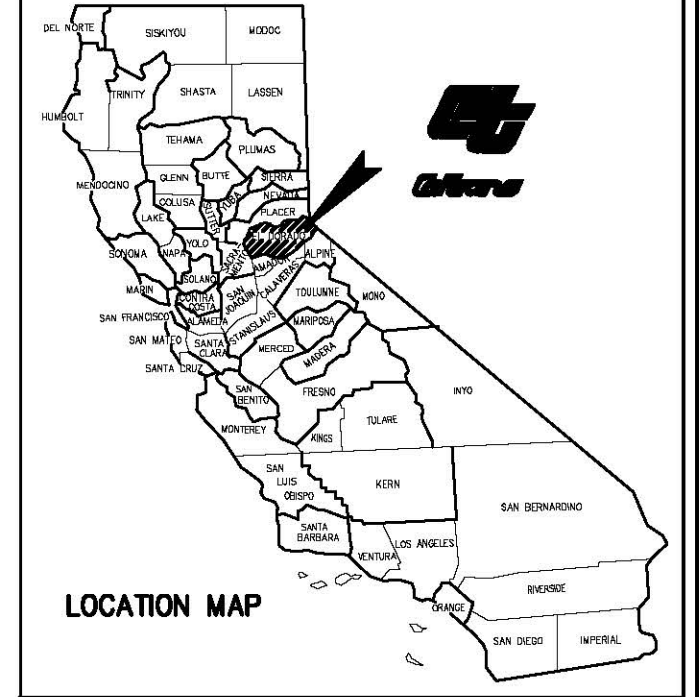
INDEX OF SHEETS

SHEET	PLAN SHEET	TITLE
1		TITLE SHEET
2	CD-1	SURVEY CONTROL DIAGRAM
3	X-1	TYPICAL SECTIONS
4-8	L-1 thru L-5	PLAN & PROFILE
9-16	C-1 thru C-8	CONSTRUCTION DETAILS
17-24	D-1 thru D-8	DRAINAGE SYSTEMS & QUANTITIES
25-27	U-1 thru U-3	UTILITY PLANS
28-31	SC-1 thru SC-4	STAGE CONSTRUCTION & SIGNING
32-33	EC-1 thru EC-2	EROSION CONTROL PLAN

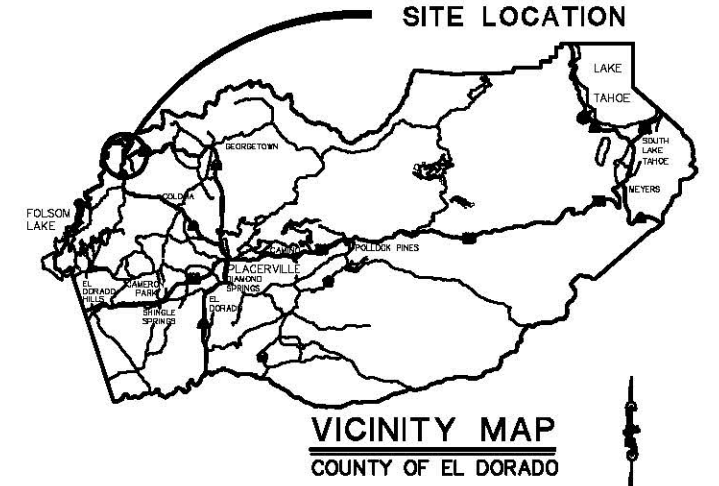
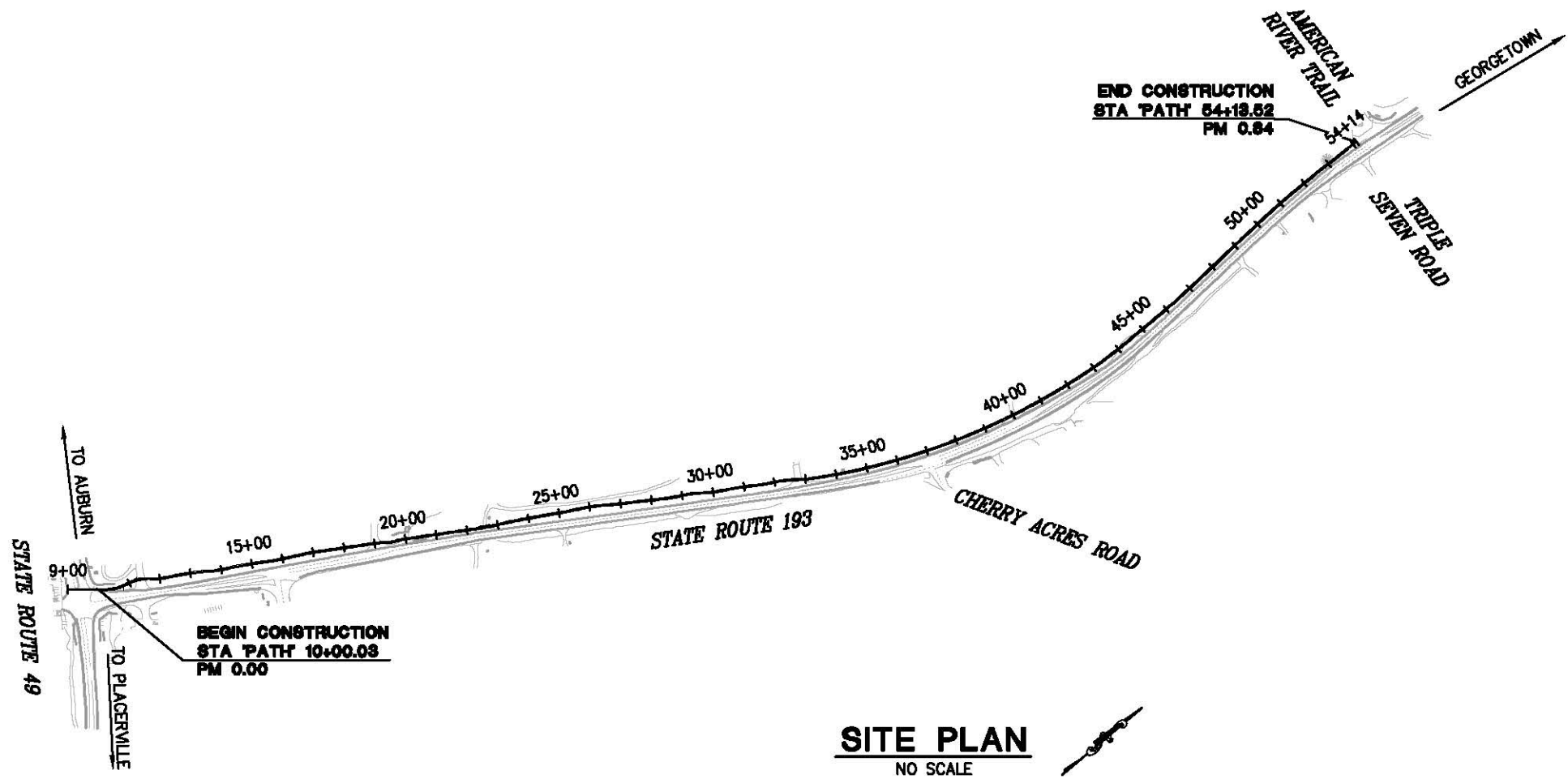
STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
**PROJECT PLANS FOR CONSTRUCTION ON
 STATE HIGHWAY 193**
 IN THE COUNTY OF EL DORADO, DISTRICT 4, COOL, CA
 SR49/SR193 INTERSECTION TO AMERICAN RIVER TRAIL

To be supplemented with Standard Plans and Specifications 2010, including the Revised Standard Specifications 2010, of the California Department of Transportation, unless otherwise noted and the El Dorado County Design and Improvement Standards Manual, as noted.

DIST	COUNTY	ROUTE	POST MILES	TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
03	ED	SR193	0.0 to 0.84	0.84	1	33



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Paul J. Hom
 Project Engineer
 Registered Civil Engineer
 No. C 63574
 License Expires 9-30-14
 CIVIL
 STATE OF CALIFORNIA

05/08/13
 Plans Approved _____ Date _____

FED. PROJECT	SRTSL 5925(070)
PW# 11-30628	CU _____ EA 03-2E4801

ADOPTED AND APPROVED BY:

APPROVED BY: _____ DATE _____

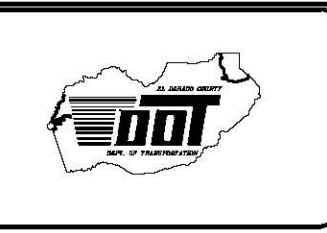
RON V. BRIGGS
 CHAIR, EL DORADO COUNTY BOARD OF SUPERVISORS

KIMBERLY A. KERR
 INTERIM DIRECTOR, EL DORADO COUNTY DEPARTMENT OF TRANSPORTATION

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

**COUNTY OF EL DORADO
 DEPARTMENT OF TRANSPORTATION**

2850 FAIRLANE COURT
 PLACERVILLE, CA 95667
 (916) 621-5900



REVISIONS		
MARK	DATE	BY

BOARD OF SUPERVISORS

RON MIKULACO I
 RAYMOND J. NUTTING II
 BRIAN VEERKAMP III
 RON V. BRIGGS IV
 NORMA SANTIAGO V

**NORTHSIDE SCHOOL CLASS 1
 BIKE PATH - PHASE 1 (SR193)**

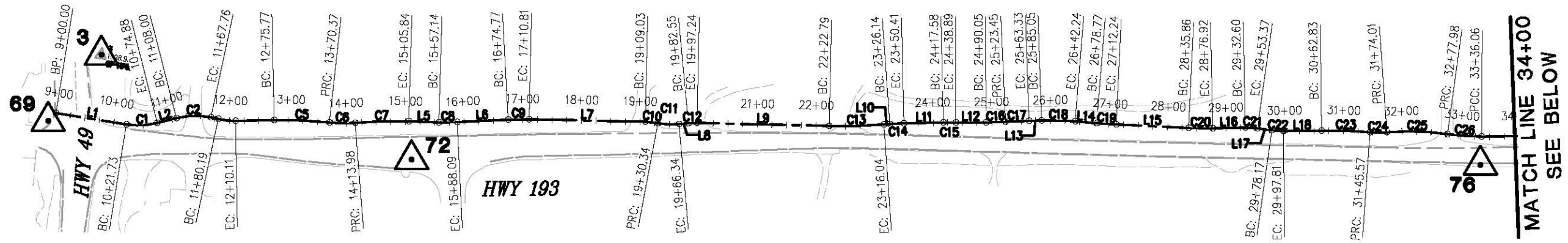
TITLE SHEET

SHEET 1 OF 33

PROJECT ENGINEER: _____
 DESIGN OVERSIGHT APPROVAL: _____
 SIGNATURE: _____
 REGISTRATION NO.: _____
 DATE: _____

Approved as to impact on State facilities and conformance with applicable State Standards and Practices and that technical oversight was performed as described in the California Department of Transportation A&E Consultant Services Manual.

ORIGINAL SCALE IS IN INCHES
 Drawing name: C:\Civil 3D\Projects\72304 Northside School BikeTrail\CADD\Files\Sheets\CD-1.dwg Layout Tab: CD-1 May 08 2013 - 2:35pm S:\Survey
 FOR REDUCED PLANS
 2
 1
 0



H193 LINE				
NUMBER	LENGTH	DELTA	RADIUS	LINE / CHORD DIRECTION & LENGTH
L1	121.73			N 89°43'15" E
C1	53.15	23°25'28"	130.00	N 78°00'31" E - 52.78
L2	33.12			N 66°17'47" E
C2	59.76	26°20'23"	130.00	N 79°27'59" E - 59.24
C5	94.60	7°24'43"	731.26	N 83°09'17" E - 94.53
C6	43.61	10°51'47"	230.00	N 81°25'45" E - 43.54
C7	91.87	6°07'13"	860.00	N 79°03'29" E - 91.82
L5	51.30			N 82°07'05" E
C8	30.95	4°25'58"	400.00	N 79°54'06" E - 30.94
L6	86.68			N 77°41'07" E
C9	36.04	4°07'49"	500.00	N 79°45'02" E - 36.04
L7	198.21			N 81°48'56" E
C10	21.31	9°23'36"	130.00	N 86°30'44" E - 21.29
C11	36.00	15°52'05"	130.00	N 83°16'29" E - 35.89
L8	16.21			N 75°20'27" E
C12	14.69	6°28'29"	130.00	N 78°34'41" E - 14.68
L9	225.55			N 81°48'56" E
C13	93.25	5°20'35"	1000.00	N 79°08'39" E - 93.22
L10	10.09			N 76°28'21" E

H193 LINE				
NUMBER	LENGTH	DELTA	RADIUS	LINE / CHORD DIRECTION & LENGTH
C14	24.27	2°46'52"	500.00	N 77°51'47" E - 24.27
L11	67.17			N 79°15'14" E
C15	21.31	1°13'16"	1000.00	N 79°51'51" E - 21.31
L12	51.16			N 80°28'29" E
C16	33.40	2°33'06"	750.00	N 79°11'56" E - 33.40
C17	39.88	0°45'42"	3000.00	N 78°18'14" E - 39.88
L13	21.72			N 78°41'05" E
C18	57.19	6°33'14"	500.00	N 81°57'42" E - 57.16
L14	36.53			N 85°14'19" E
C19	33.47	1°55'04"	1000.00	N 84°16'47" E - 33.47
L15	123.61			N 83°19'15" E
C20	41.06	3°55'17"	600.00	N 81°21'37" E - 41.06
L16	55.68			N 79°23'59" E
C21	20.77	9°09'16"	130.00	N 83°58'37" E - 20.75
L17	24.80			N 88°33'15" E
C22	19.64	8°39'20"	130.00	N 84°13'35" E - 19.62
L18	65.03			N 79°53'55" E
C23	82.74	4°44'26"	1000.00	N 82°16'09" E - 82.72
C24	28.43	8°08'46"	200.00	N 80°33'59" E - 28.41

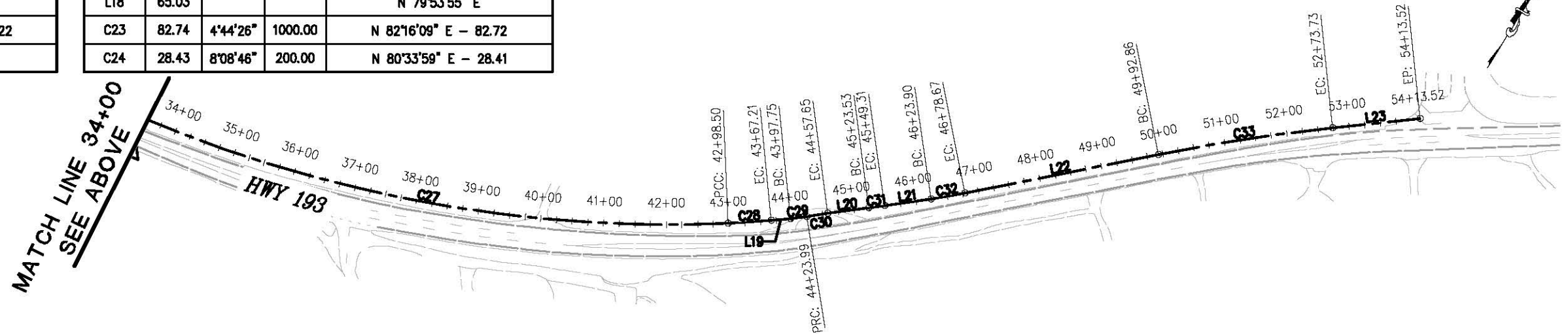
H193 LINE				
NUMBER	LENGTH	DELTA	RADIUS	LINE / CHORD DIRECTION & LENGTH
C25	103.97	11°54'51"	500.00	N 82°27'02" E - 103.78
C26	58.08	7°23'42"	450.00	N 84°42'36" E - 58.04
C27	962.44	25°22'42"	2172.86	N 68°19'24" E - 954.59
C28	68.72	3°15'31"	1208.26	N 54°00'17" E - 68.71
L19	30.54			N 52°22'32" E
C29	26.24	3°45'33"	400.00	N 50°29'46" E - 26.24
C30	33.66	1°55'43"	1000.00	N 49°34'51" E - 33.66
L20	65.87			N 50°32'42" E
C31	25.78	0°44'19"	2000.00	N 50°10'33" E - 25.78
L21	74.60			N 49°48'23" E
C32	54.77	3°08'16"	1000.00	N 48°14'15" E - 54.76
L22	314.19			N 46°40'07" E
C33	280.87	5°21'51"	3000.00	N 49°21'03" E - 280.77
L23	139.79			N 52°01'58" E

CONTROL POINTS				
CONTROL NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
3	2086512.20	6841790.31	1528.95	CP HPGN
69	2086386.31	6841719.57	1522.74	AERIAL CONTROL POINT
72	2086423.25	6842341.25	1525.65	AERIAL CONTROL POINT
76	2086713.22	6844139.60	1494.02	AERIAL CONTROL POINT
86	2088140.71	6846422.38	1517.76	AERIAL CONTROL POINT

X DENOTES CONTROL POINT AND NUMBER.

HORIZONTAL DATUM
 BEARINGS, DISTANCES, STATIONING AND COORDINATES SHOWN ARE ON THE CALIFORNIA STATE PLANE COORDINATE SYSTEM, NAD 83 ZONE 2, U.S. FEET 2004.69 EPOCH. DISTANCES SHOWN ARE GRID DISTANCES. DIVIDE DISTANCES SHOWN BY 0.99985645 TO OBTAIN GROUND DISTANCES.

VERTICAL DATUM
 ELEVATIONS SHOWN HEREON ARE REFERENCED TO NAVD 88 FROM GPS OBSERVATIONS CONTROL POINTS SHOWN HEREON ARE TBM'S

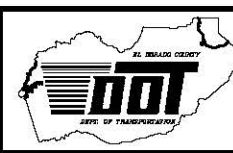


REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
Paul J. Hon
 PROFESSIONAL LAND SURVEYOR
 DATE: 05/08/13

DESIGNED: RR
 DRAWN: RR
 CHECKED: LAM
 DATE: 3/29/13
 ROAD NUMBER: SR 193



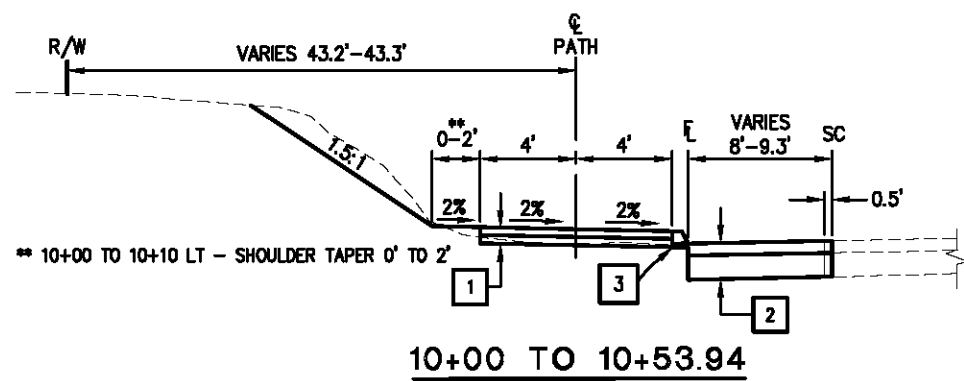
EL DORADO COUNTY
 DEPARTMENT OF TRANSPORTATION

NORTHSIDE SCHOOL CLASS I BIKE
 PATH - PHASE 1 (SR193)

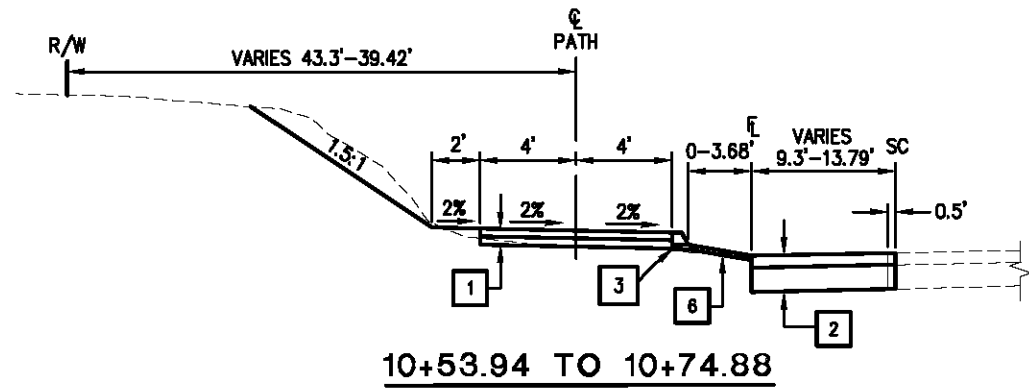
SHEET
 CD-1
 2 OF 33
 W.O. No. 72304

SURVEY CONTROL DIAGRAM
 SCALE: 1" = 100'

Drawing name: C:\Civil 3D Projects\72304 Northside School Bike Trail\CADD Files\Sheets\Typical Sections.dwg
 Layout Tab: X-1 May 08, 2013 - 2:42pm S:\mvey
 ORIGINAL SCALE IS IN INCHES
 FOR REDUCED PLANS



10+00 TO 10+53.94



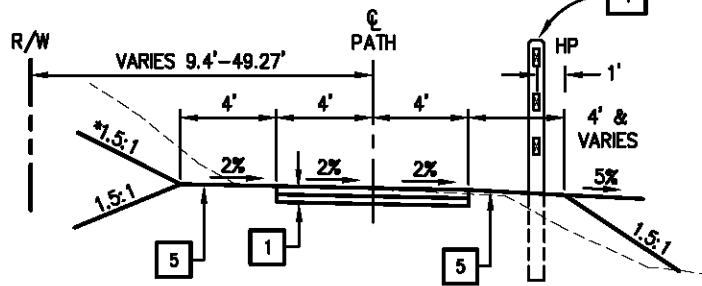
10+53.94 TO 10+74.88

SHOULDER TRANSITIONS

- 10+74.88 TO 11+24 LT, 2' WIDE SHOULDER
- 11+24 TO 11+28 LT, TAPER 2' TO 4'
- 11+51 LT, BEGIN 4' SHOULDER
- 10+74.88 TO 11+24 RT, 2' SHOULDER, SEE SHEET C-3
- 11+53 TO 11+60 RT, TAPER 0' TO 4'
- 17+85 TO 18+00 RT, TAPER 4' TO 2'
- 12+70 TO 15+25 RT, SEE SHEET L-5
- 23+25 TO 23+40 RT, TAPER 2' TO 4'
- 30+80 TO 30+90 RT, TAPER 4' TO 2'

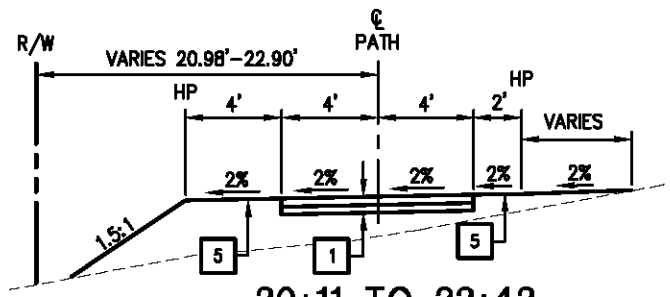
DRIVEWAY

- STA 11+25-11+52
- STA 18+83-19+22
- STA 19+87-20+11



10+74.88 TO 19+87
23+40 TO 30+80

* STA 23+40 TO 30+80 2:1 CUT/FILL LEFT SIDE
1.5:1 CUT/FILL RIGHT SIDE



20+11 TO 22+42

PATH CROSS SLOPE TRANSITION
SHOULDERS TRANSITION WITH AC PATH

- 19+65 - 2%
- 19+80 - 0%
- 19+92 - 2%
- 22+37 - 2%
- 22+45.94 to 22+75 - 0%
- 22+82 - 2%

DRIVEWAY

- STA 22+42-22+68

GENERAL NOTES:

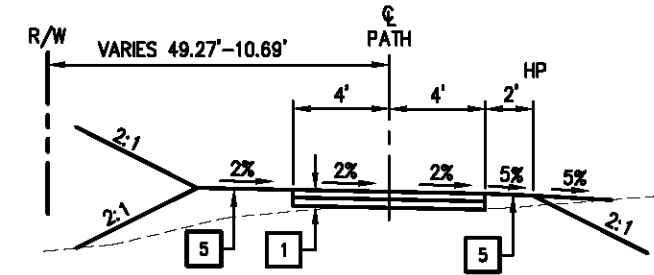
1. SEE C-SHEETS FOR DRIVEWAY CROSSINGS.
2. STA 10+00-21+82, SEE U-SHEETS FOR UNDERGROUND WATERLINE LOCATION. THE CONTRACTOR SHALL MAINTAIN A 30 INCH VERTICAL CLEARANCE AND 36 INCH HORIZONTAL CLEARANCE TO THE WATERLINE FOR THE BIKE PATH FENCE CONSTRUCTION.
3. INSTALL ROLLED EROSION CONTROL PRODUCT (BLANKET) TYPE A ON ALL CUT AND FILL SLOPES 2:1 OR STEEPER.
4. STA 10+00-22+42, 1.5:1 CUT/FILL SLOPES.
5. STA 22+68-54+06, 2:1 CUT/FILL SLOPES, UNLESS NOTED.
6. STA 23+40-30+80, 2:1 CUT/FILL LEFT SIDE, 1.5:1 CUT/FILL RIGHT SIDE.
7. ALL FILL SLOPES SHALL BE KEYED.
8. 8' WIDE AC PATH UNLESS NOTED.
9. 2' WIDE SHOULDERS UNLESS NOTED.

CONSTRUCTION NOTES:

- 1 - 0.33' HOT MIX ASPHALT (TYPE A) OVER 0.33' AB (CLASS 2)
- 2 - 0.5' HOT MIX ASPHALT (TYPE A) OVER 1.5' AB (CLASS 2)
- 3 - STATION 10+00 TO 10+70 FINAL LIFT OF HMA SHALL BE EXTENDED THE FULL WIDTH OF DIKE (TYPE A)
- 4 - SIMULATED WOOD FENCE, SEE SHEET C-2 AND LAYOUT SHEETS FOR STATION BEGIN/END. MINIMUM 3' HORIZONTAL CLEARANCE BETWEEN FENCE POSTS AND WATERLINE. CONTRACTOR TO VERIFY HORIZONTAL AND VERTICAL LOCATION OF WATERLINE PRIOR TO THE CONSTRUCTION OF FENCE.
- 5 - SUBGRADE COMPACTED TO 90% (0.5' DEPTH MAX UNDER SHOULDER)
- 6 - 0.17' HOT MIX ASPHALT (TYPE A) OVER COMPACTED NATIVE

ABBREVIATIONS

- R/W - RIGHT OF WAY
- HP - HINGE POINT
- SC - SAWCUT



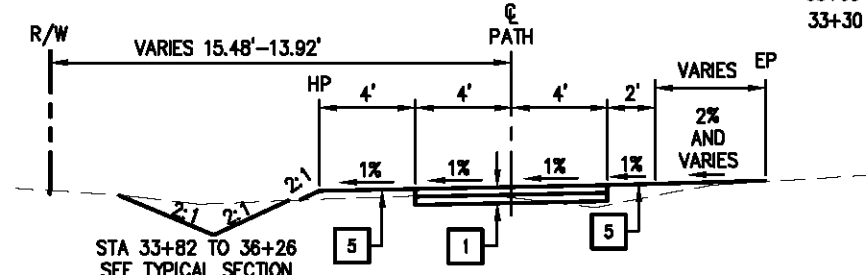
22+68 TO 23+40
30+80 TO 33+30
43+50 TO 46+25
50+25 TO 52+00

PATH CROSS SLOPE TRANSITION
SHOULDERS TRANSITION WITH AC PATH

- 43+50 - 2%
- 43+75 - 2%
- 50+25 - 2%
- 50+50 - 2%

DRIVEWAY

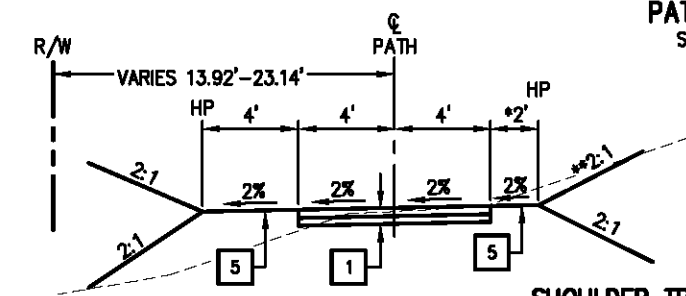
- STA 32+62-32+90



33+30 TO 36+00

PATH CROSS SLOPE TRANSITION
SHOULDERS TRANSITION WITH AC PATH

- 32+90 TO 33+00 - 2%
- 33+05 TO 33+25 - 0%
- 33+30 TO 36+00 - 1%
- 36+10 - 2%



36+00 TO 43+50
46+25 TO 50+25
52+00 TO 53+99.02

PATH CROSS SLOPE TRANSITION
SHOULDERS TRANSITION WITH AC PATH

- 46+25 - 2%
- 46+50 - 2%
- 52+00 - 2%
- 52+25 - 2%

SHOULDER TRANSITION

- * 53+59.22 TO 53+76.25 RT - TAPERS 2' TO 0.00'
- ** 36+00 TO 43+50 RT - VARIES 3% TO 15%

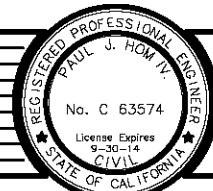
DRIVEWAY

- STA 39+85-40+14

STA 52+00 TO 53+99 LT, FILL 1.5:1

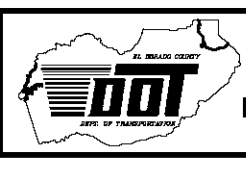
TYPICAL SECTIONS
SCALE : N.T.S.

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
Paul J. Hom
 REGISTERED CIVIL ENGINEER
 DATE: 05/08/13

DESIGNED: CG
 DRAWN: RR
 CHECKED: PH
 DATE: 4/28/13
 ROAD NUMBER: SR 193

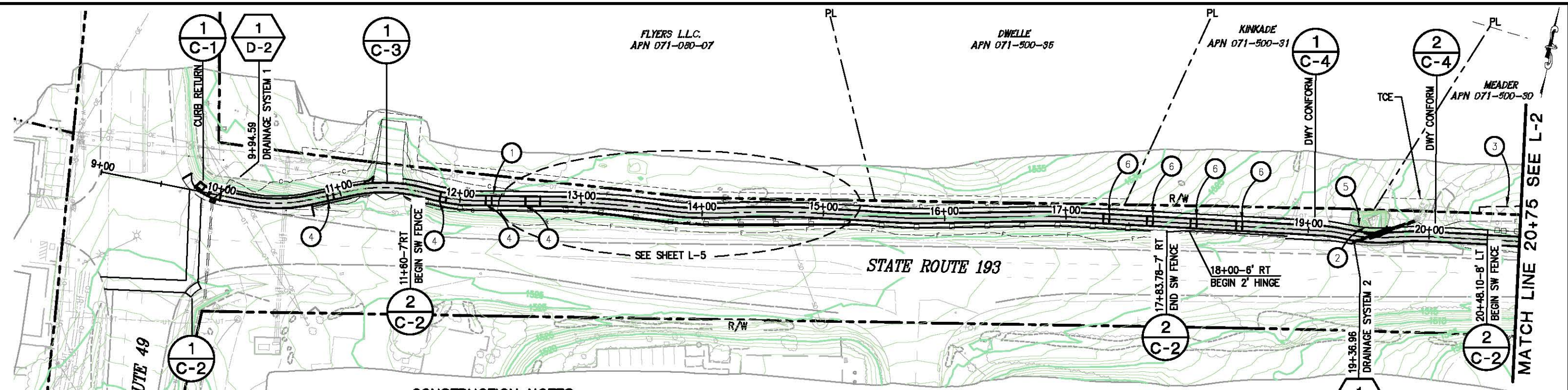


EL DORADO COUNTY
 DEPARTMENT OF TRANSPORTATION

NORTHSIDE SCHOOL CLASS I BIKE
 PATH - PHASE 1 (SR193)

SHEET X-1
 3 OF 33
 W.O. No. 72304

ORIGINAL SCALE IS IN INCHES
 Drawing name: C:\Civil_3D\Projects\72304_Northside_School_BikeTrail\CADD_Files\Sheets\L-Sheets.dwg
 Layout Tab: L-1
 May 09, 2013 - 6:41am S:\mvey



STATE ROUTE 49

MATCH LINE 20+75 SEE L-2

CONSTRUCTION NOTES:

GENERAL NOTES:

- BIKE PATH SIGNS, BOLLARDS AND STRIPING TO BE INSTALLED PER SHEET C-2.
- SEE SHEET X-1 FOR ALL SHOULDER TRANSITION STATIONS & OFFSETS.

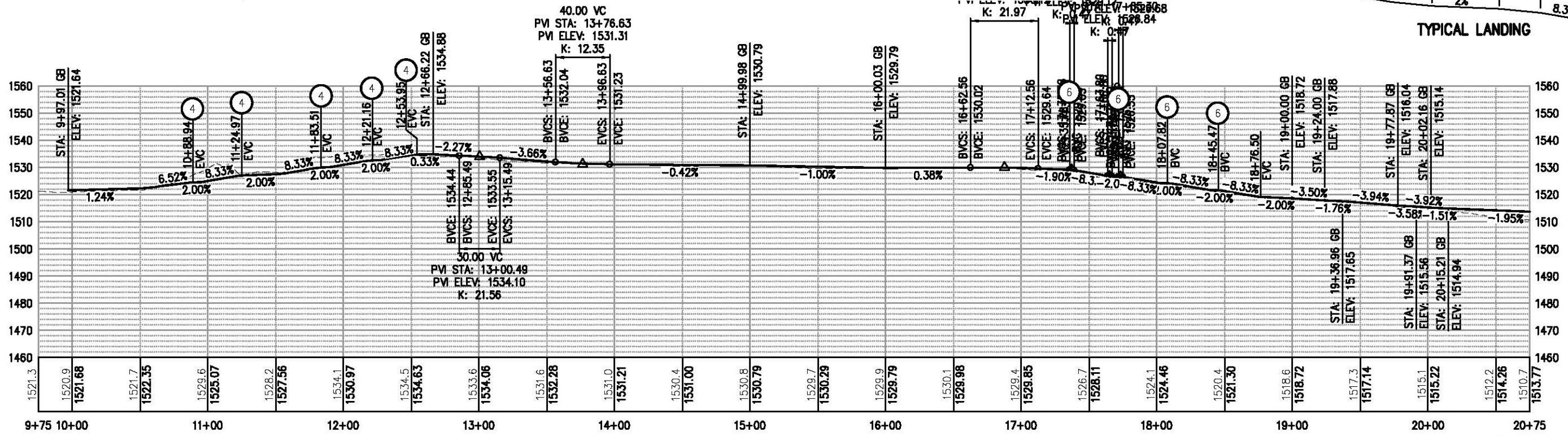
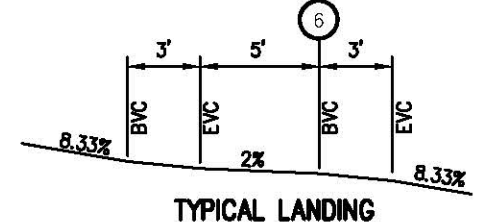
LEGEND:

□ □ SIMULATED WOOD FENCE, SEE SHEET C-2.

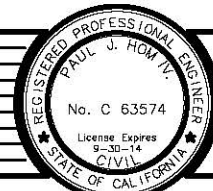
- EXISTING 10" WATERLINE RELOCATED BY OTHERS, STATION 10+75 TO 12+60. SEE SHEET U-2 FOR WATERLINE RELOCATION.
- REMOVAL OF ROCK OUTCROPPING SUFFICIENT TO CONSTRUCT THE BIKE PATH AND DRAINAGE SYSTEM, SEE SHEET D-3 AND C-4. RELOCATE "COFFEE" SIGN ON TOP OF ROCK. LOCATION TO BE DETERMINED IN THE FIELD BY OWNER AND ENGINEER.
- DRAINAGE EASEMENT SEE SHEET D-3 FOR FENCE PLACEMENT.
- BIKE PATH LANDING, REFER TO PROFILE AND TYPICAL LANDING DETAIL, SEE SHEET L-4.
- TREE REMOVAL, STA 19+40±
- BIKE PATH LANDING, REFER TO TYPICAL LANDING DETAIL THIS SHEET.

ABBREVIATIONS:

- R/W - RIGHT OF WAY
- PP - POWER POLE
- TCE - TEMPORARY CONSTRUCTION EASEMENT
- ESA - ENVIRONMENTALLY SENSITIVE AREA FENCING
- SW - SIMULATED WOOD FENCE



PLAN & PROFILE
SCALE: 1"=40' H, 1"=20' V



PREPARED UNDER THE SUPERVISION OF:
Paul J. Hom
 REGISTERED CIVIL ENGINEER
 DATE: 05/08/13

DESIGNED: CG
 DRAWN: RR
 CHECKED: PH
 DATE: 4/09/13
 ROAD NUMBER: SR 193

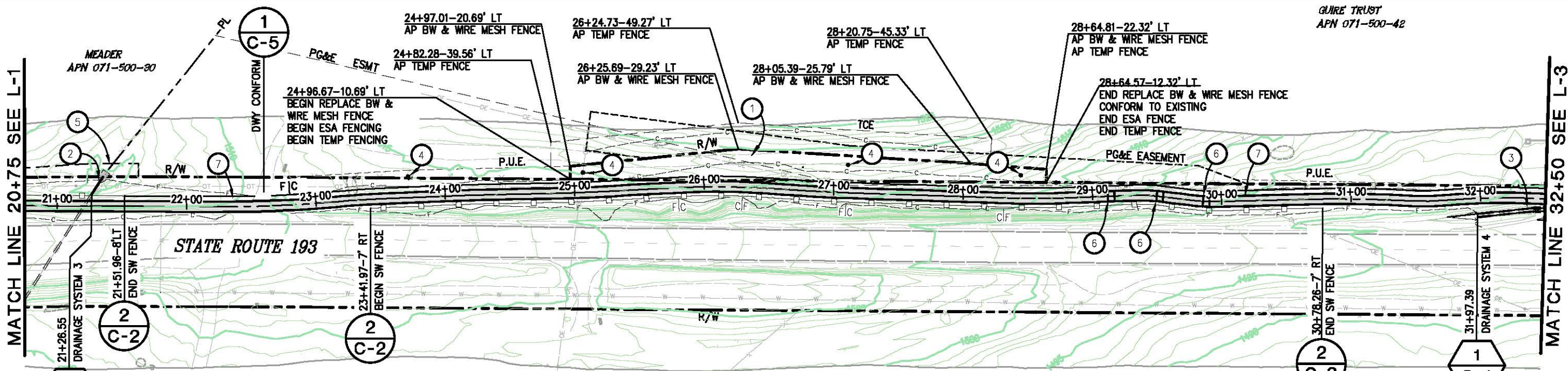


EL DORADO COUNTY
 DEPARTMENT OF TRANSPORTATION

NORTHSIDE SCHOOL CLASS I BIKE
 PATH - PHASE 1 (SR193)

SHEET
 L-1
 4 OF 33
 W.C. No. 72304

ORIGINAL SCALE: 1" = 40' H, 1" = 20' V
 FOR REDUCED PLANS
 2
 Drawing name: C:\Civil 3D Projects\72304 Northside School BikeTrail\CADD Files\Sheets\L-Sheets.dwg Layout Tab: L-2 May 09, 2013 8:39am S:\mvey



GUIRE TRUST
 APN 071-500-42

CONSTRUCTION NOTES:

SEE SHEET X-1 FOR SHOULDER TRANSITION STA/OFFSETS

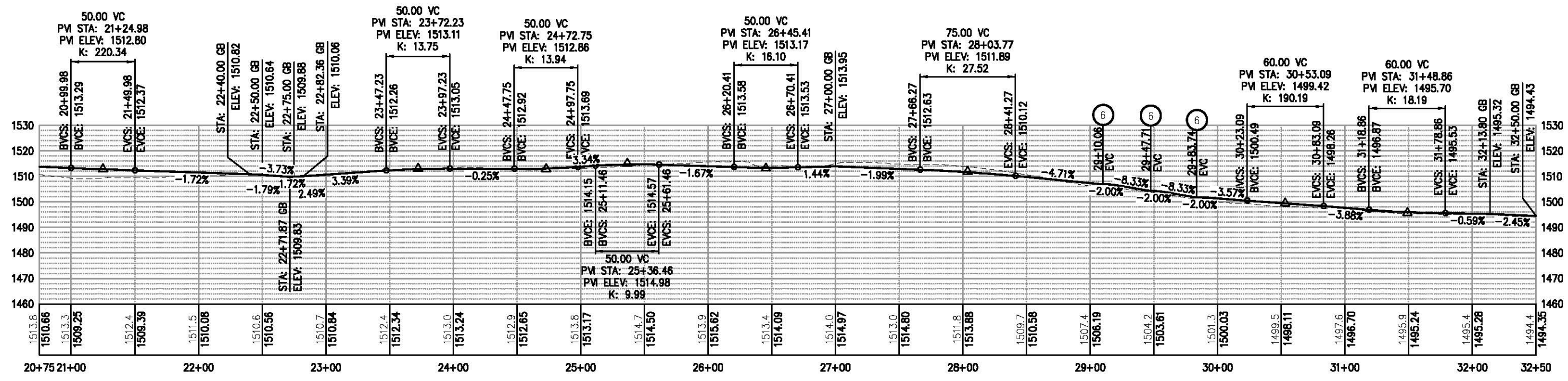
- ① - EXISTING DRIVEWAY TO BE RELOCATED PARALLEL WITH RIGHT-OF-WAY ON EXSITING GRADE. SEE SHEET C-8
- ② - CULVERT EXTENSION, SEE SHEET D-3 SYSTEM 3.
- ③ - CULVERT REPLACEMENT, SEE SHEET D-4 SYSTEM 4.
- ④ - UTILITY POLE RELOCATION, SEE SHEET U-1.
- ⑤ - DRAINAGE EASEMENT, SEE SHEET D-3. PLACE TEMP FENCE ON EASEMENT, SEE SHEET D-3.
- ⑥ - BIKE PATH LANDING, REFER TO PROFILE AND TYPICAL LANDING DETAIL, SEE SHEET L-4.
- ⑦ - TREE REMOVAL, STA 22+40±, 30+20±

LEGEND:

□ □ SIMULATED WOOD FENCE, SEE SHEET C-2

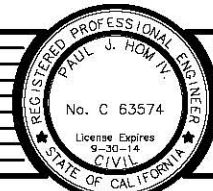
ABBREVIATIONS:

- R/W - RIGHT OF WAY
- PUE - PUBLIC UTILITY EASEMENT
- PP - POWER POLE
- TCE - TEMPORARY CONSTRUCTION EASEMENT
- AP - ANGLE POINT
- ESA - ENVIRONMENTALLY SENSITIVE AREA FENCING
- SW - SIMULATED WOOD FENCE



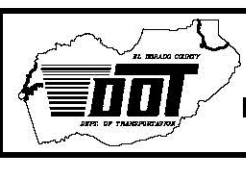
PLAN & PROFILE
 SCALE : 1"=40' H, 1"=20' V

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
Paul J. Hom
 REGISTERED CIVIL ENGINEER
 DATE: 05/08/13

DESIGNED: CG
 DRAWN: RR
 CHECKED: PH
 DATE: 4/05/13
 ROAD NUMBER: SR 193



EL DORADO COUNTY
 DEPARTMENT OF TRANSPORTATION

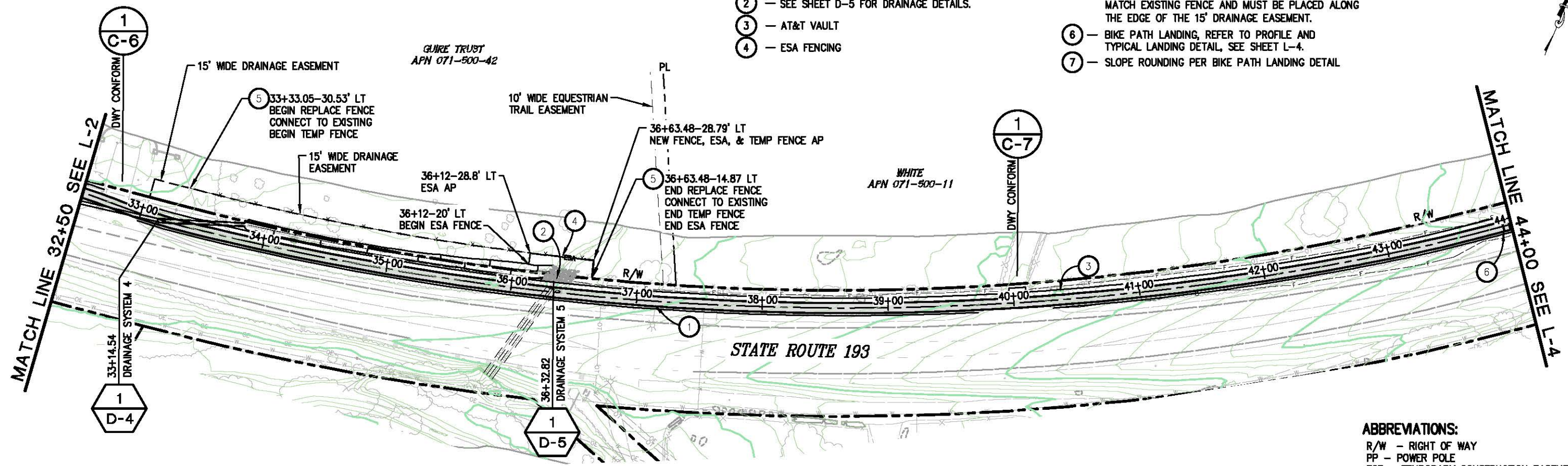
NORTHSIDE SCHOOL CLASS I BIKE
 PATH - PHASE 1 (SR193)

SHEET
 L-2
 5 OF 33
 W.O. No. 72304

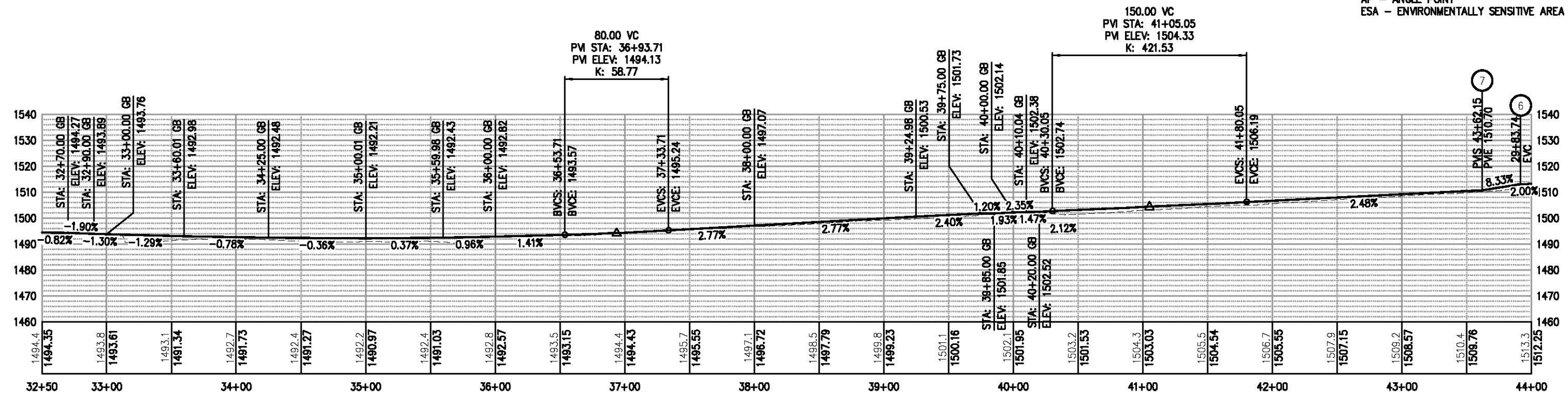
ORIGINAL SCALE: 1" = 40' H, 1" = 20' V
 FOR REDUCED PLANS
 Drawing name: C:\Civil 3D\Projects\72304\Northside_School_BikeTrail\CADD\Files\Sheets\L-Sheets.dwg Layout Tab: L-3 May 09, 2013 8:37am S.Mcvey

CONSTRUCTION NOTES:

- ① - RELOCATE STREET LIGHT, SEE SHEET D-5
- ② - SEE SHEET D-5 FOR DRAINAGE DETAILS.
- ③ - AT&T VAULT
- ④ - ESA FENCING
- ⑤ - REMOVE EXISTING "NO CLIMB" FENCE, STA 33+33.05 TO 36+63.48
 NEW FENCING MATERIAL AND CONSTRUCTION SHALL MATCH EXISTING FENCE AND MUST BE PLACED ALONG THE EDGE OF THE 15' DRAINAGE EASEMENT.
- ⑥ - BIKE PATH LANDING, REFER TO PROFILE AND TYPICAL LANDING DETAIL, SEE SHEET L-4.
- ⑦ - SLOPE ROUNDING PER BIKE PATH LANDING DETAIL

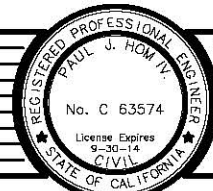


ABBREVIATIONS:
 R/W - RIGHT OF WAY
 PP - POWER POLE
 TCE - TEMPORARY CONSTRUCTION EASEMENT
 AP - ANGLE POINT
 ESA - ENVIRONMENTALLY SENSITIVE AREA FENCING



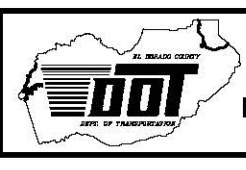
PLAN & PROFILE
 SCALE: 1"=40' H, 1"=20' V

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
Paul J. Hom
 REGISTERED CIVIL ENGINEER
 DATE: 05/08/13

DESIGNED: CG
 DRAWN: RR
 CHECKED: PH
 DATE: 05/02/13
 ROAD NUMBER: SR 183

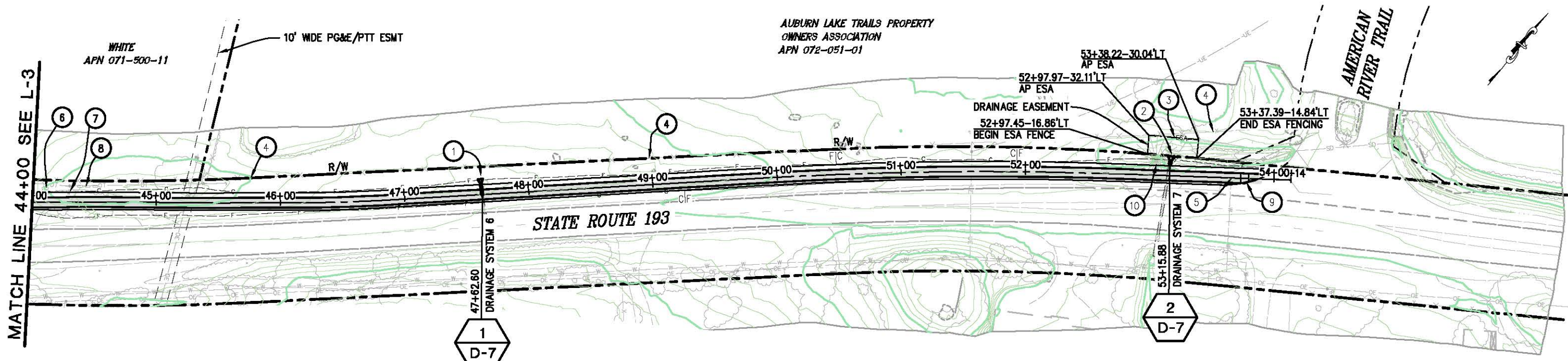


EL DORADO COUNTY
 DEPARTMENT OF TRANSPORTATION

NORTHSIDE SCHOOL CLASS I BIKE
 PATH - PHASE 1 (SR193)

SHEET
 L-3
 6 OF 33
 W.O. No. 72304

ORIGINAL SCALE: 1" = 40' H, 1" = 20' V
 FOR REDUCED PLANS
 Drawing name: C:\Civil 3D\Projects\72304 Northside School BikeTrail\CADD\Files\Sheets\L-Sheets.dwg Layout Tab: L-4 May 09, 2013 8:35am S:\mvey



AUBURN LAKE TRAILS PROPERTY
 OWNERS ASSOCIATION
 APN 072-051-01

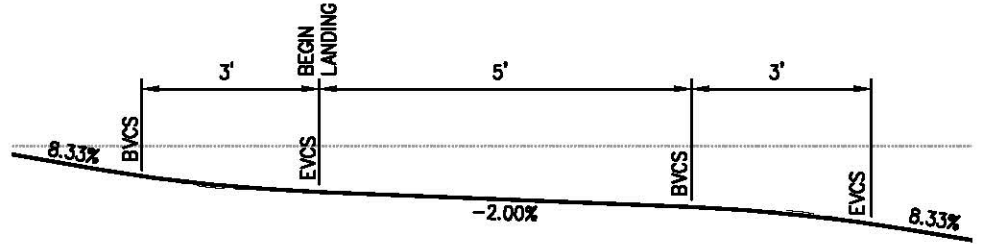
WHITE
 APN 071-500-11

ABBREVIATIONS:

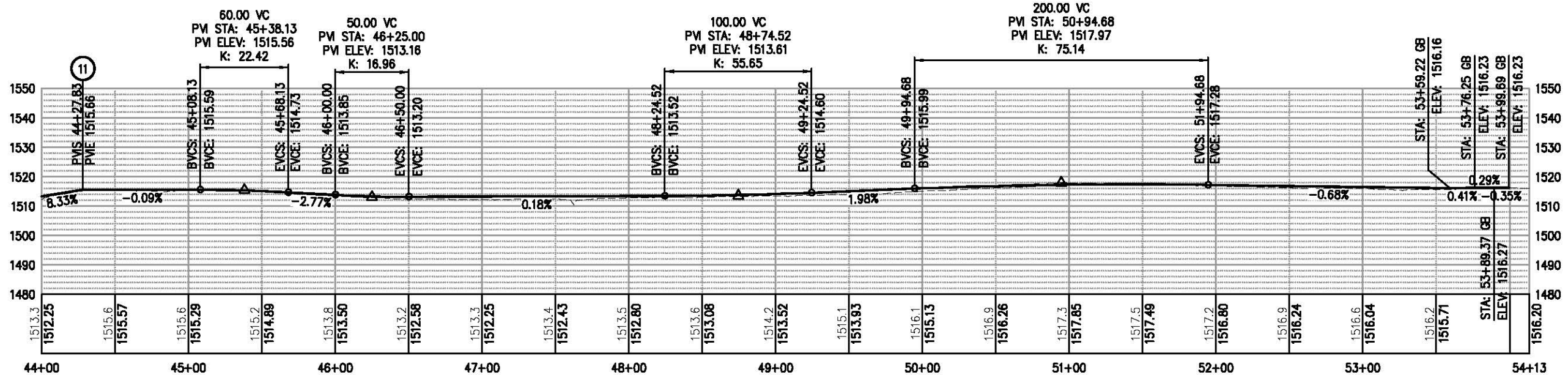
- R/W - RIGHT OF WAY
- PP - POWER POLE
- TCE - TEMPORARY CONSTRUCTION EASEMENT
- ESA - ENVIRONMENTALLY SENSITIVE AREA FENCING
- AP - ANGLE POINT

CONSTRUCTION NOTES:

- ① - CULVERT EXTENSION, SEE SHEET D-7 SYSTEM 6.
- ② - CULVERT EXTENSION, SEE SHEET D-7 SYSTEM 7.
- ③ - ESA FENCING TO BE PLACED ALONG DRAINAGE EASEMENT
- ④ - EXISTING 3-RAIL SPLIT FENCE. CONTRACTOR SHALL PROTECT IN PLACE.
- ⑤ - EXISTING WATERLINE. CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL LOCATION PRIOR TO GRADING.
- ⑥ - AT&T UTILITY CABINET, PROTECT IN PLACE
- ⑦ - AT&T MANHOLE, PROTECT IN PLACE. FINISH GRADE OF PATH TO MATCH ELEVATION OF MANHOLE LID.
- ⑧ - ABANDONED AT&T UTILITY CABINET FOUNDATIONS(3)
- ⑨ - RAISED TRUNCATED DOME PER A88A. THE PATH SHALL CONFORM TO THE EXISTING PAVEMENT.
- ⑩ - MULTIPLE FORKED TREE, PROTECT IN PLACE
- ⑪ - SLOPE ROUNDING PER LANDING DETAIL

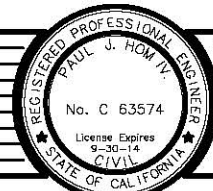


TYPICAL LANDING
N.T.S.



PLAN & PROFILE
SCALE : 1"=40' H, 1"=20' V

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
Paul J. Hom
 REGISTERED CIVIL ENGINEER
 DATE: 05/08/13

DESIGNED: CG
 DRAWN: RR
 CHECKED: PH
 DATE: 4/01/13
 ROAD NUMBER: SR 193

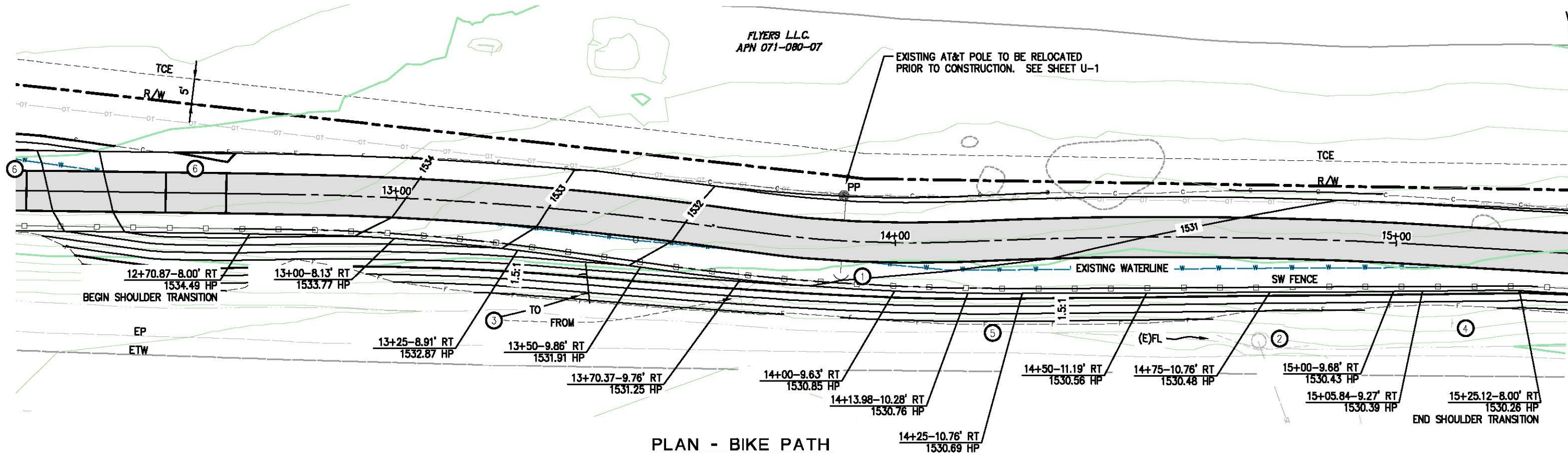


EL DORADO COUNTY
 DEPARTMENT OF TRANSPORTATION

NORTHSIDE SCHOOL CLASS I BIKE
 PATH - PHASE 1 (SR193)

SHEET
L-4
 7 OF 33
 W.O. No. 72304

ORIGINAL SCALE: 1/8" = 10' HORIZ. 1/4" = 10' VERT.
 Drawing name: C:\Civil 3D Projects\72304 Northside School BikeTrail\CADD Sheets\L-Sheets.dwg
 Layout Tab: L-5 May 08, 2013 - 2:52pm S.Mcvey
 FOR REDUCED PLANS



PLAN - BIKE PATH
 SCALE: 1"=10'H
 RIGHT SHOULDER TRANSITION STA 12+70 TO STA 15+25

LEGEND:

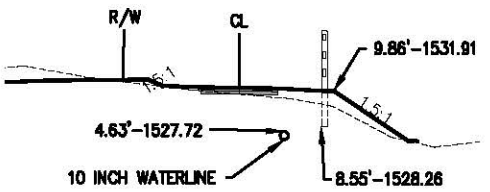
□-□-□ SIMULATED WOOD FENCE, SEE SHEET C-2

ABBREVIATIONS:

R/W - RIGHT OF WAY
 PP - POWER POLE
 TCE - TEMPORARY CONSTRUCTION EASEMENT
 ESA - ENVIRONMENTALLY SENSITIVE AREA FENCING
 HP - HINGE POINT
 SW - SIMULATED WOOD FENCE

CONSTRUCTION NOTES:

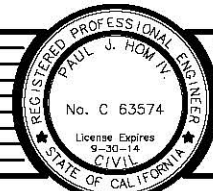
- ① - ANCHOR TO BE REMOVED BY OTHERS AFTER POLE RELOCATION
- ② - EXISTING OMPI, PROTECT IN PLACE. CONTRACTOR SHALL REPLACE ALL RSP REMOVED AS A RESULT OF GRADING.
- ③ - RELOCATE SIGN G1-7(CA)
- ④ - W3-1 SIGN TO BE REMOVED DURING CONSTRUCTION AND PLACED BEHIND K-RAIL ON TYPE III BARRICADE. SIGN SHALL BE INSTALLED IN THE ORIGINAL LOCATION AT THE COMPLETION OF WORK. (SEE SC SHEETS)
- ⑤ - STA 12+70 THU 15+25-CONTRACTOR SHALL REGRADE ANY DISTURBED PORTION OF THE EXISTING DITCH TO ORIGINAL ALIGNMENT AND GRADE TO DRAIN.
- ⑥ - BIKE PATH LANDING, REFER TO PROFILE AND TYPICAL LANDING DETAIL, SEE SHEET L-4



TYPICAL SECTION

13+50 SCALE: 1"=10'H, V
 3' MINIMUM HORIZONTAL SEPARATION BETWEEN
 OUTSIDE EDGE OF WATERLINE AND FENCE POSTS

PLAN AND PROFILE
 SCALE : AS NOTED



PREPARED UNDER THE SUPERVISION OF:
Paul J. Hom
 REGISTERED CIVIL ENGINEER
 DATE: 05/08/13

DESIGNED: CG
 DRAWN: RR
 CHECKED: PH
 DATE: 4/01/13
 ROAD NUMBER: SR 183

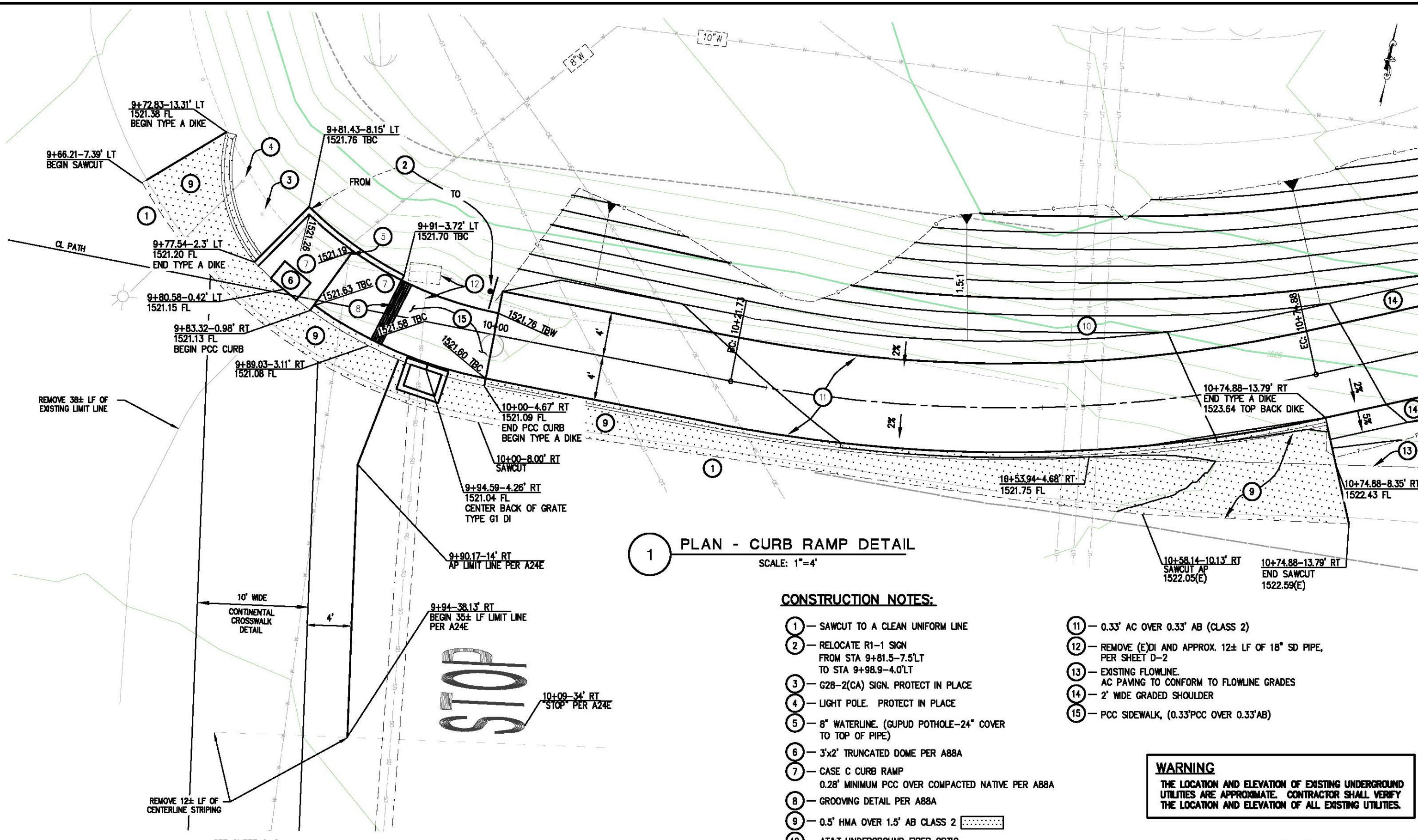


EL DORADO COUNTY
 DEPARTMENT OF TRANSPORTATION

NORTHSIDE SCHOOL CLASS I BIKE
 PATH - PHASE 1 (SR193)

SHEET
 L-5
 8 OF 33
 W.O. No. 72304

ORIGINAL SCALE: 1/8" = 1' IN INCHES
 Drawing name: C:\Civil 3D Projects\72304 Northside School BikeTrail\CADD Files\Sheets\C-1.dwg Layout Tab: C-1 May 09, 2013 8:47am Smevey
 FOR REDUCED PLANS
 2
 1
 0



1 PLAN - CURB RAMP DETAIL
SCALE: 1" = 4'

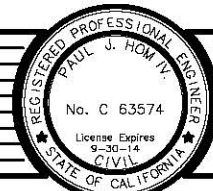
CONSTRUCTION NOTES:

- ① - SAWCUT TO A CLEAN UNIFORM LINE
- ② - RELOCATE R1-1 SIGN FROM STA 9+81.5-7.5' LT TO STA 9+98.9-4.0' LT
- ③ - G28-2(CA) SIGN. PROTECT IN PLACE
- ④ - LIGHT POLE. PROTECT IN PLACE
- ⑤ - 8" WATERLINE. (GUPUD POT HOLE-24" COVER TO TOP OF PIPE)
- ⑥ - 3'x2' TRUNCATED DOME PER A88A
- ⑦ - CASE C CURB RAMP 0.28' MINIMUM PCC OVER COMPACTED NATIVE PER A88A
- ⑧ - GROOVING DETAIL PER A88A
- ⑨ - 0.5" HMA OVER 1.5' AB CLASS 2
- ⑩ - AT&T UNDERGROUND FIBER OPTIC
- ⑪ - 0.33' AC OVER 0.33' AB (CLASS 2)
- ⑫ - REMOVE (E)DI AND APPROX. 12± LF OF 18" SD PIPE, PER SHEET D-2
- ⑬ - EXISTING FLOWLINE. AC PAVING TO CONFORM TO FLOWLINE GRADES
- ⑭ - 2' WIDE GRADED SHOULDER
- ⑮ - PCC SIDEWALK, (0.33'PCC OVER 0.33'AB)

WARNING
 THE LOCATION AND ELEVATION OF EXISTING UNDERGROUND UTILITIES ARE APPROXIMATE. CONTRACTOR SHALL VERIFY THE LOCATION AND ELEVATION OF ALL EXISTING UTILITIES.

CONSTRUCTION DETAILS
SCALE: 1" = 4'

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
Paul J. Hom
 REGISTERED CIVIL ENGINEER
 DATE: 05/08/13

DESIGNED: CG
 DRAWN: RR
 CHECKED: PH
 DATE: 4/05/13
 ROAD NUMBER: SR 183

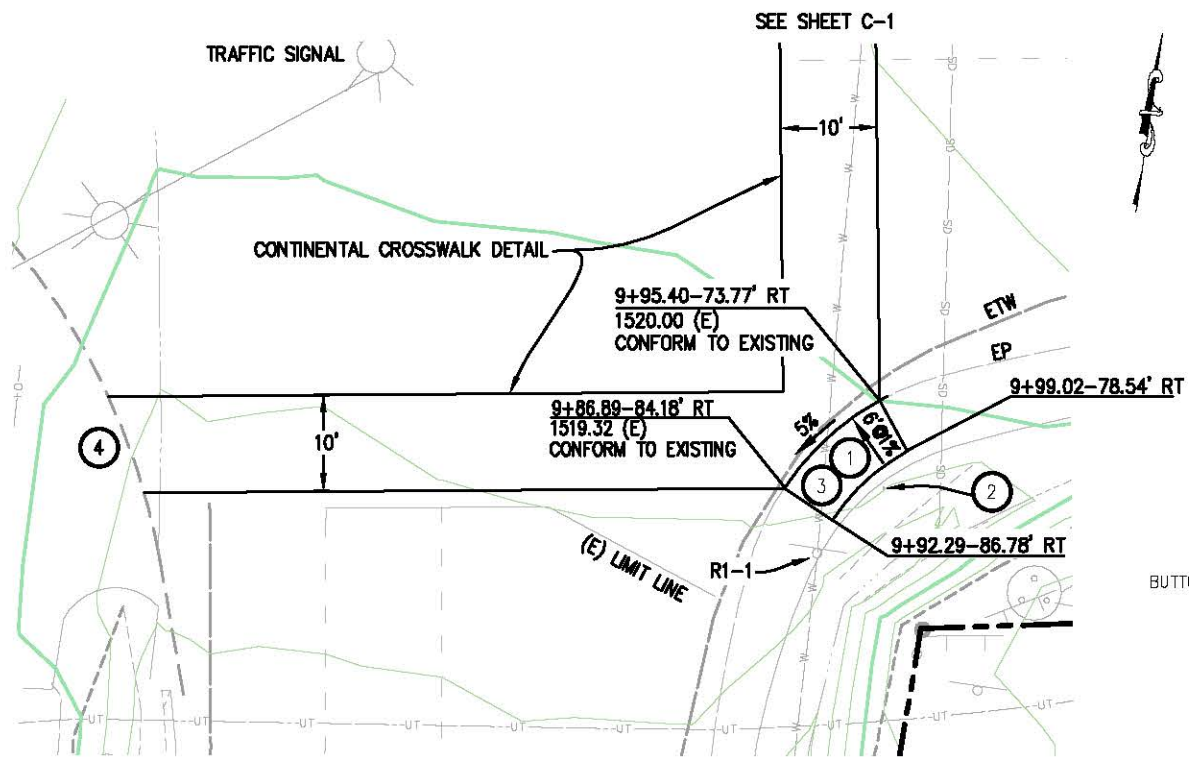


EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION

NORTHSIDE SCHOOL CLASS I BIKE
PATH - PHASE 1 (SR193)

SHEET
C-1
9 OF 33
W.O. No. 72304

ORIGINAL SCALE IS IN INCHES
Drawing name: C:\Civil 3D Projects\72304 Northside School BikeTrail\CADD Files\Sheets\C-2.dwg Layout: Tab: C-2 May 09, 2013 6:50am SMCvey



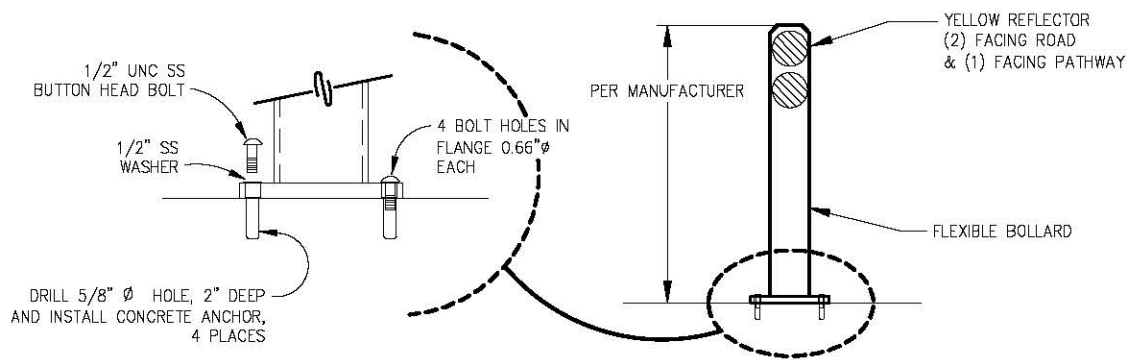
1 PLAN - RETURN DETAIL
SCALE: 1"=10'

GENERAL NOTES:

1. ALL SIGNS SHALL BE CREATED AND INSTALLED PER THE 2012 CALIFORNIA MUTCD.
2. ALL POSTS (SIGNS AND EDGE BOLLARDS) SHALL BE 4"x4" PRESSURE TREATED DOUGLAS FIR.

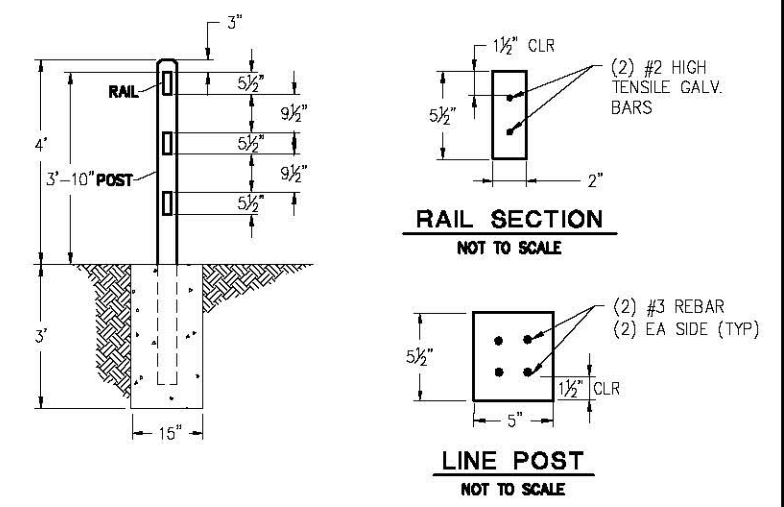
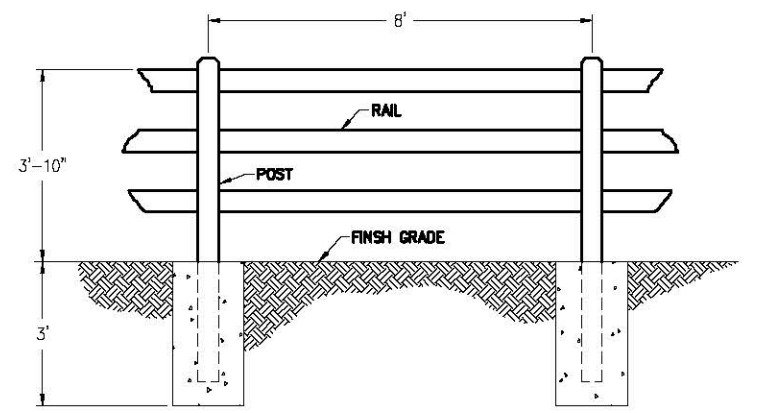
CONSTRUCTION NOTES:

- 1 - 0.33' AC OVER 0.33' AB (CLASS 2)
- 2 - REMOVE STEEL SIGN POST
- 3 - RAISED TRUNCATED DOME PER A88A
- 4 - CURB RETURN SHOWN ON PHASE 2 PLANS

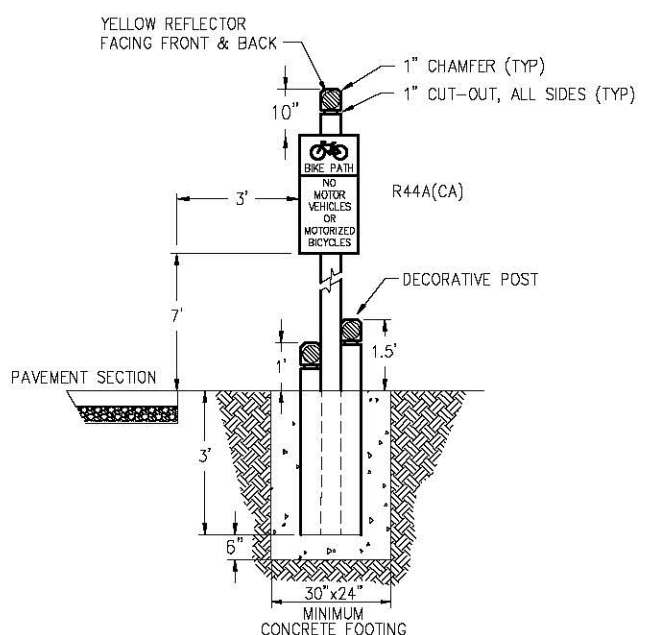


FLEXIBLE SURFACE MOUNTED CENTER BOLLARD DETAIL

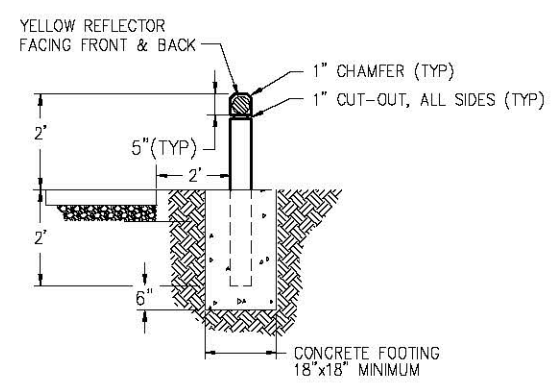
BCN FLEXIBLE BOLLARD, MODEL R-8303 OR EQUAL
SCALE: N.T.S.
STATION 11+00
STATION 53+75



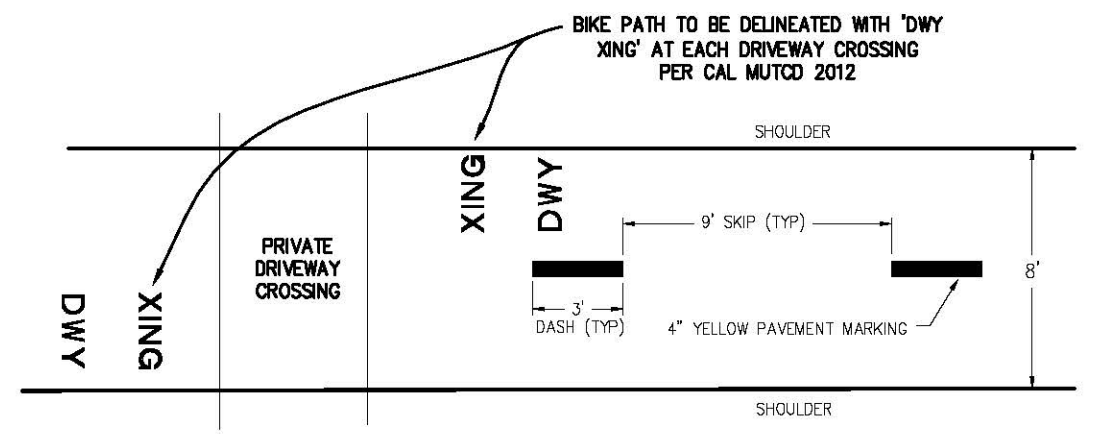
2 4' SIMULATED WOOD FENCE DETAIL
SCALE: 1" = 2'



SIGN POST DETAIL
SCALE: 1" = 2'
STATION 11+00 RT
STATION 53+75 LT

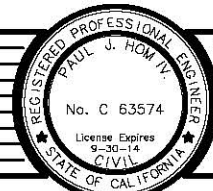


EDGE BOLLARD DETAIL
SCALE: 1" = 2'
STATION 11+00 LT
STATION 11+00 RT
STATION 53+75 LT
STATION 53+75 RT



PATHWAY CENTERLINE STRIPING DETAIL
NTS
PATHWAY STRIPING PER CAL MUTCD 2012
STATION 10+00-53+73±

CONSTRUCTION DETAILS
SCALE: AS NOTED



PREPARED UNDER THE SUPERVISION OF:
Paul J. Hom
REGISTERED CIVIL ENGINEER
05/08/13

DESIGNED: CG
DRAWN: RR
CHECKED: PH
DATE: 05/02/13
ROAD NUMBER: SR 183

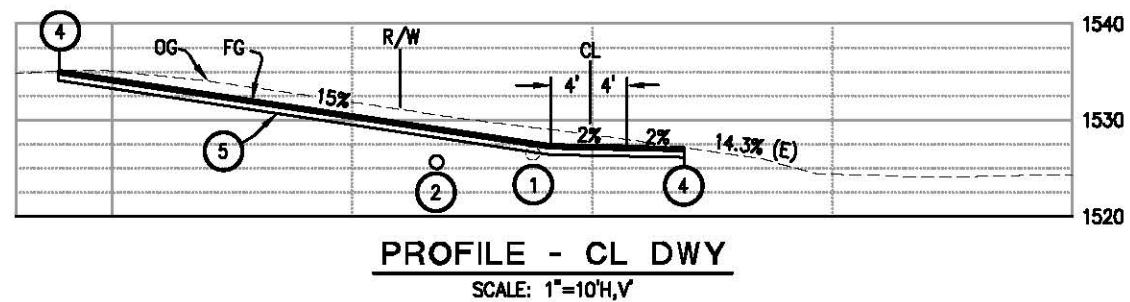


EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION

NORTHSIDE SCHOOL CLASS I BIKE
PATH - PHASE 1 (SR193)

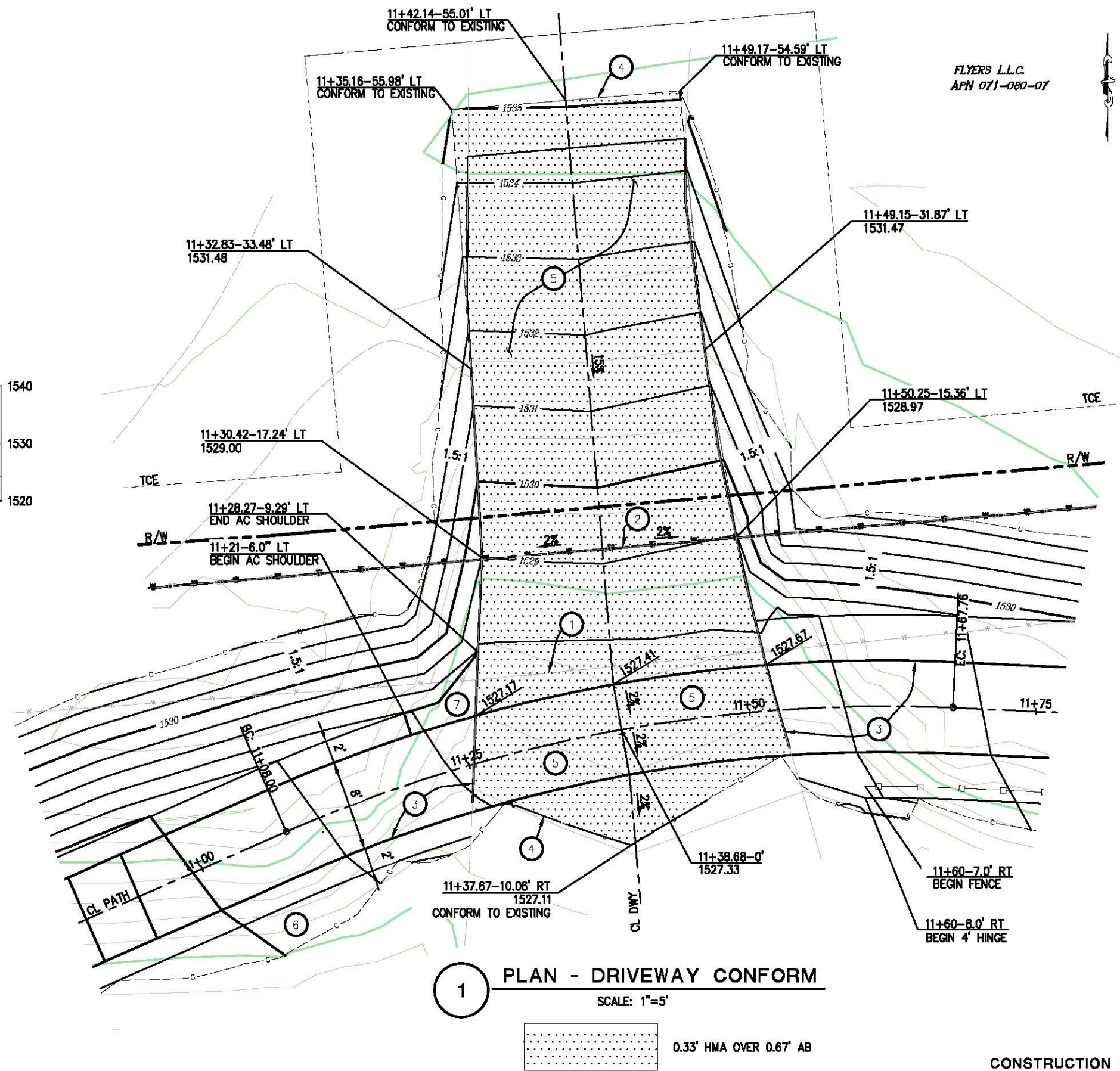
SHEET
C-2
10 OF 32
W.O. No. 72304

ORIGINAL SCALE: 1/8" = 1' IN INCHES
 Drawing name: C:\Civil 3D Projects\72304 Northside School BikeTrail\CADD Files\Sheets\C-3.dwg Layout: Tab: C-3 May 09, 2013 6:57am SMCvey



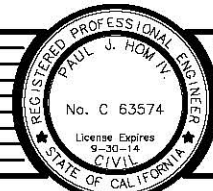
CONSTRUCTION NOTES:

- ① - EXISTING 10 INCH WATERLINE TO BE RELOCATED BY OTHERS AND CONSTRUCTED PRIOR TO BIKE PATH
- ② - APPROXIMATE RELOCATION PER GDPUD OF 10" WATERLINE. THE CONTRACTOR SHALL VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF THIS WATERLINE PRIOR TO GRADING.
- ③ - 0.33' HMA OVER 0.33' AB (CLASS 2)
- ④ - SAWCUT TO A CLEAN UNIFORM LINE
- ⑤ - 0.33' HMA OVER 0.67' AB (CLASS 2)
- ⑥ - GRADE SHOULDER TO DAYLIGHT, (-5%)
- ⑦ - 0.33' HMA PAVED SHOULDER OVER COMPACTED NATIVE



FLYERS L.L.C.
 APN 071-080-07

CONSTRUCTION DETAILS
 DRIVEWAY CONFORM
 SCALE: 1" = 5'



PREPARED UNDER THE SUPERVISION OF:
Paul J. Hom
 REGISTERED CIVIL ENGINEER
 DATE: 05/08/13

DESIGNED: CG
 DRAWN: RR
 CHECKED: PH
 DATE: 4/05/13
 ROAD NUMBER: SR 183

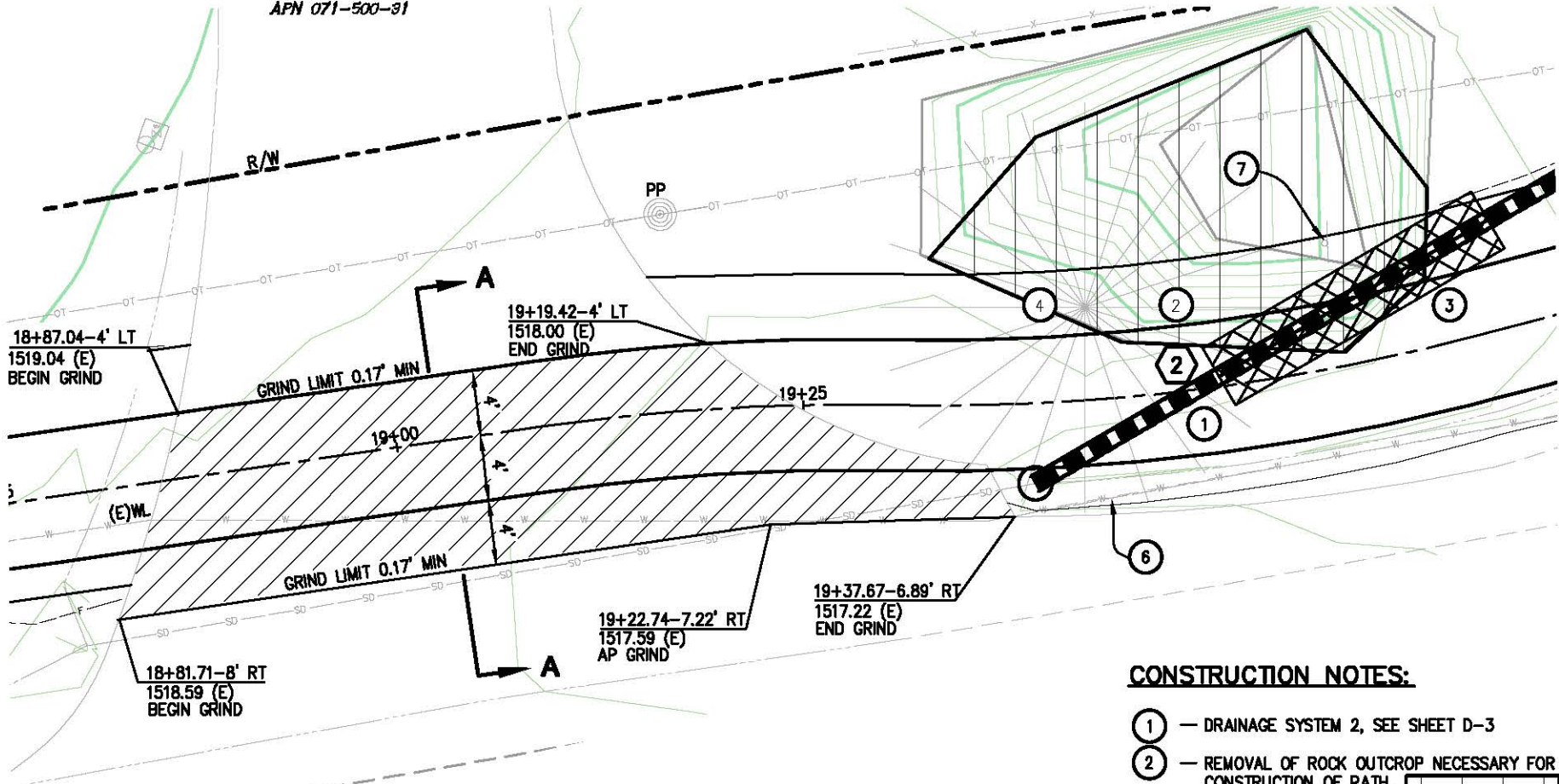


EL DORADO COUNTY
 DEPARTMENT OF TRANSPORTATION

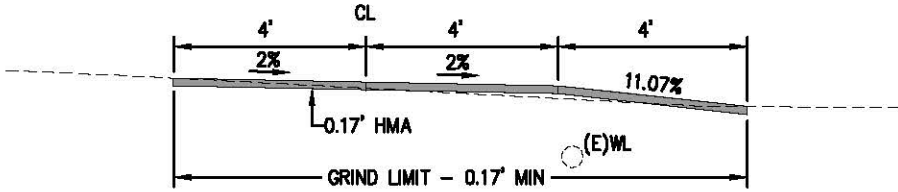
NORTHSIDE SCHOOL CLASS I BIKE
 PATH - PHASE 1 (SR193)

SHEET
 C-3
 11 OF 33
 W.O. No. 72304

KINKADE
APN 071-500-31

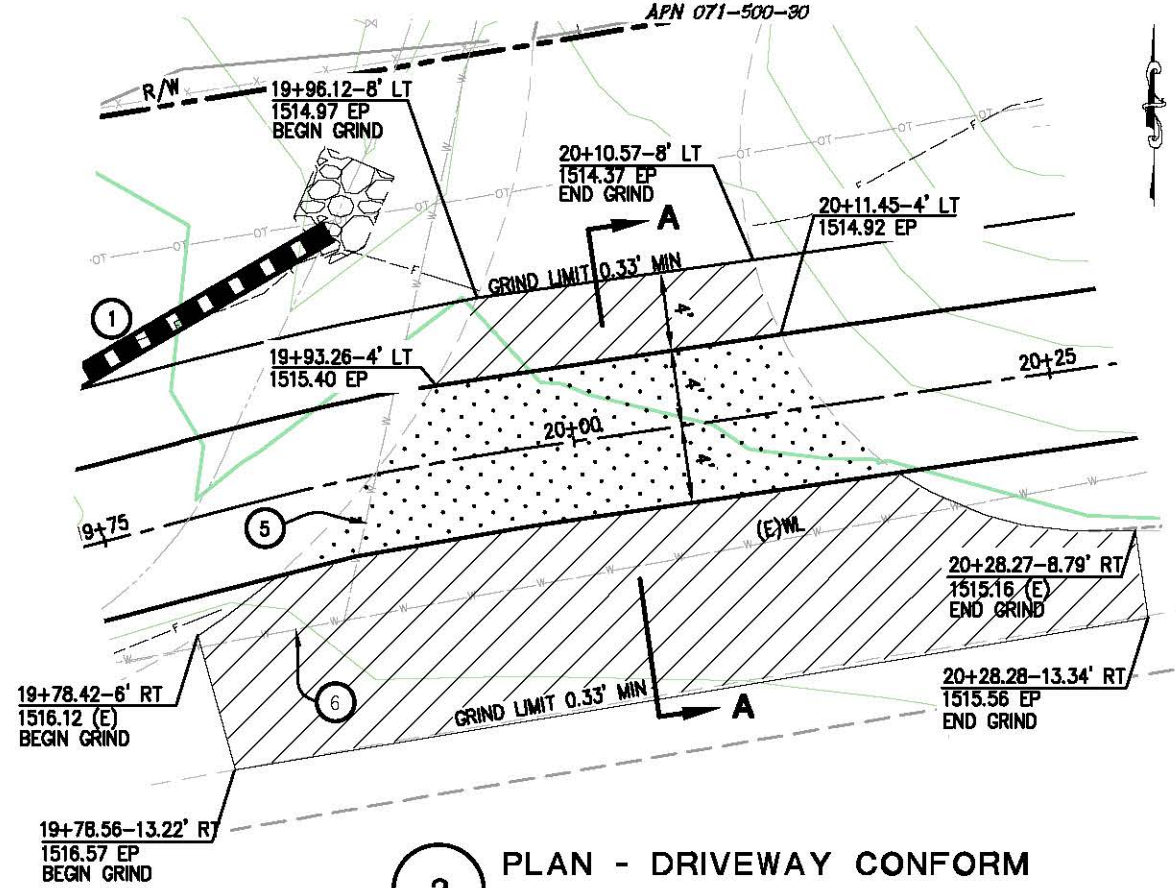


1 PLAN - DRIVEWAY CONFORM
STA 19+03 SCALE: 1"=5'
GRIND LIMITS

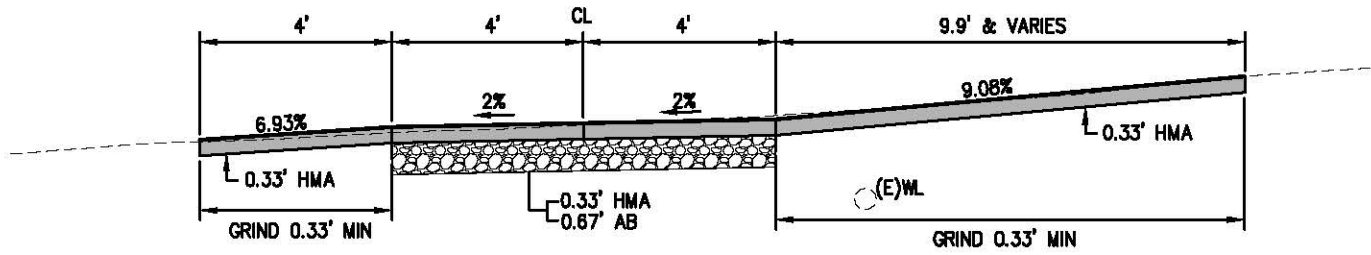


1 SECTION A-A
N.T.S.

MEADER
APN 071-500-30



2 PLAN - DRIVEWAY CONFORM
STA 20+02 SCALE: 1"=5'
GRIND LIMITS
0.33' HMA OVER 0.67' AB



2 SECTION A-A
N.T.S.

CONSTRUCTION NOTES:

- 1 - DRAINAGE SYSTEM 2, SEE SHEET D-3
- 2 - REMOVAL OF ROCK OUTCROP NECESSARY FOR CONSTRUCTION OF PATH.
- 3 - REMOVAL OF ROCK OUTCROP NECESSARY FOR CONSTRUCTION OF DRAINAGE SYSTEM 2. SEE SHEET D-3
- 4 - REMOVE PINE
- 5 - APPROXIMATE LOCATION OF WATER SERVICE. CONTRACTOR SHALL VERIFY HORIZONTAL & VERTICAL LOCATION PRIOR TO ANY GRADING.
- 6 - APPROXIMATE LOCATION OF WATER MAIN. CONTRACTOR SHALL VERIFY HORIZONTAL & VERTICAL LOCATION PRIOR TO ANY GRADING.
- 7 - RELOCATE "SIERRA MOUNTAIN ESPRESSO" SIGN. NEW LOCATION TO BE DETERMINED IN THE FIELD BY THE OWNER AND ENGINEER.

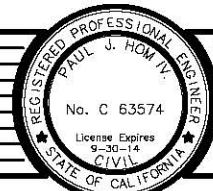
ABBREVIATIONS

- R/W - RIGHT OF WAY
- TCE - TEMPORARY CONSTRUCTION EASEMENT
- AP - ANGLE POINT
- (E)WL - EXISTING WATERLINE

CONSTRUCTION DETAILS
DRIVEWAY CONFORM
SCALE : AS NOTED

ORIGINAL SCALE: 1/8" = 1' IN INCHES
Drawing name: C:\Civil 3D\Projects\72304 Northside School BikeTrail\CADD Files\Sheets\C-4.dwg Layout: Tab: C-4 May 09, 2013 7:13am S:\Survey

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
Paul J. Hom
REGISTERED CIVIL ENGINEER
DATE: 05/08/13

DESIGNED: CG
DRAWN: RR
CHECKED: PH
DATE: 4/05/13
ROAD NUMBER: SR 183

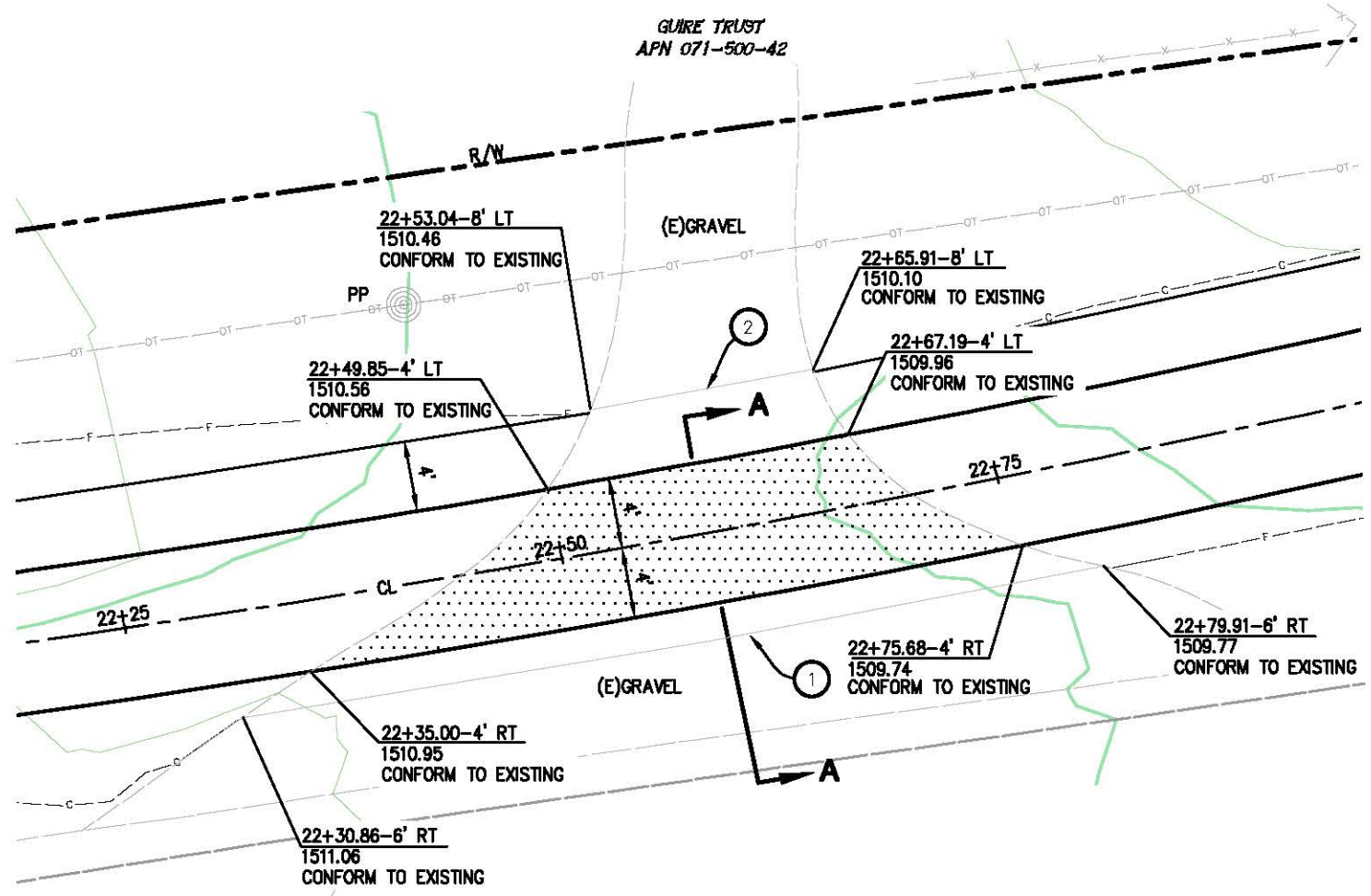


EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION

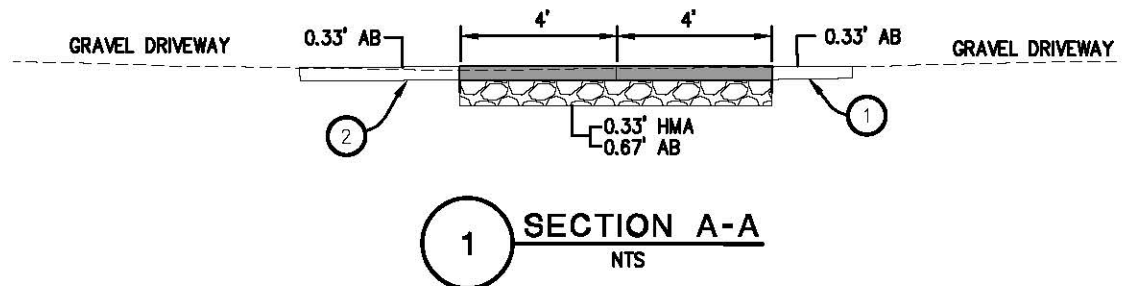
NORTHSIDE SCHOOL CLASS I BIKE
PATH - PHASE 1 (SR193)

SHEET
C-4
12 OF 33
W.O. No. 72304

ORIGINAL SCALE IS IN INCHES
 Drawing name: C:\Civil 3D Projects\72304 Northside School BikeTrail\CADD Files\Sheets\C-5.dwg Layout: Tab: C-5 May 09, 2013 7:26am SMC/vey
 FOR REDUCED PLANS



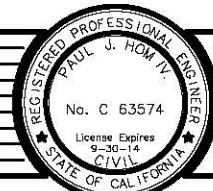
1 PLAN - DRIVEWAY CONFORM
 STA 22+58 SCALE: 1"=5'
 0.33' HMA OVER 0.67' AB



- CONSTRUCTION NOTES:**
- 1 2' WIDE SHOULDER, 0.33' AB, SUBGRADE COMPACTED TO 90%
 - 2 4' WIDE SHOULDER, 0.33' AB, SUBGRADE COMPACTED TO 90%

1 SECTION A-A
 NTS

CONSTRUCTION DETAILS
 DRIVEWAY CONFORM
 SCALE : AS NOTED



PREPARED UNDER THE SUPERVISION OF:
Paul J. Hom
 REGISTERED CIVIL ENGINEER
 DATE: 05/08/13

DESIGNED: CG
 DRAWN: RR
 CHECKED: PH
 DATE: 4/05/13
 ROAD NUMBER: SR 183

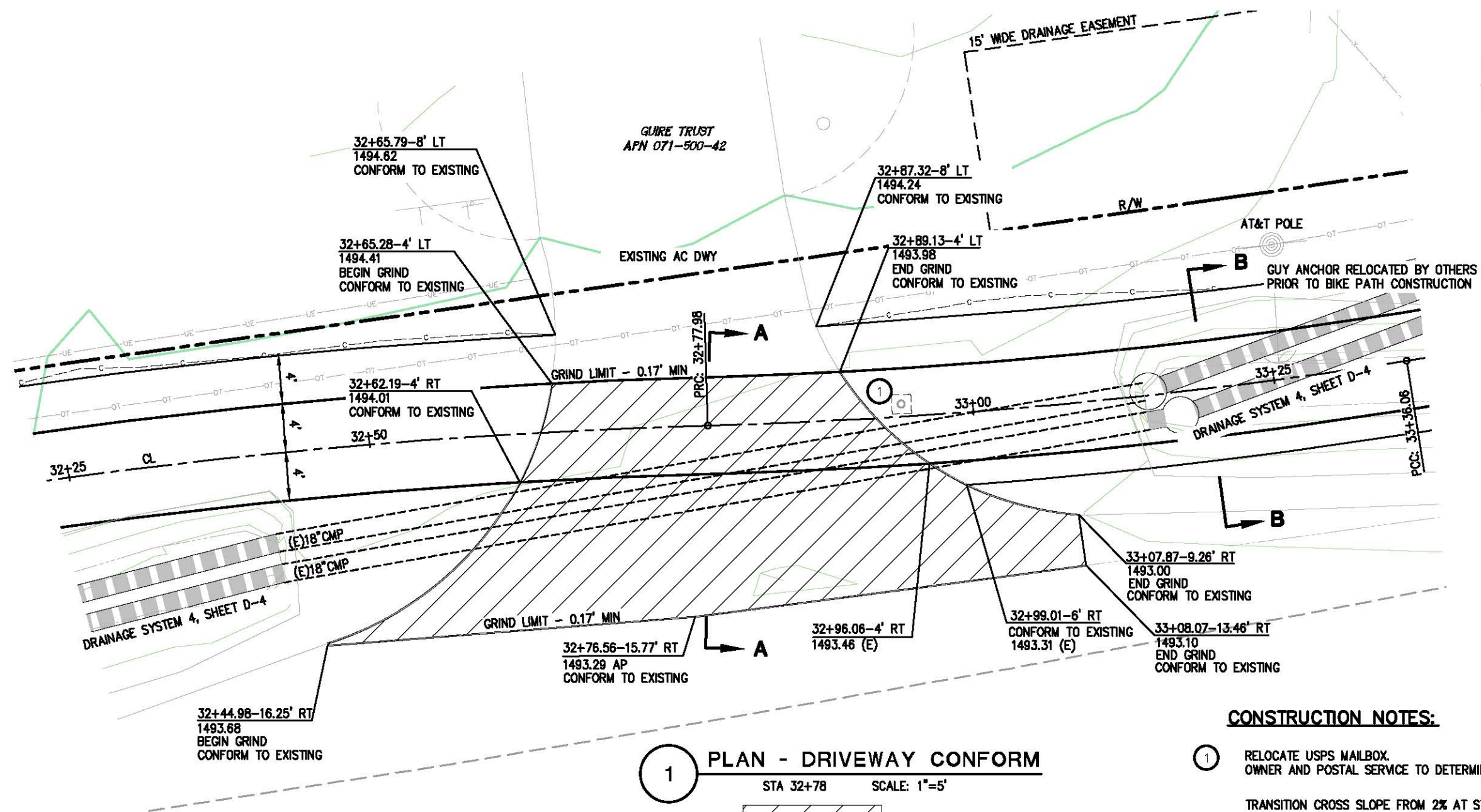


EL DORADO COUNTY
 DEPARTMENT OF TRANSPORTATION

NORTHSIDE SCHOOL CLASS I BIKE
 PATH - PHASE 1 (SR193)

SHEET
C-5
 13 OF 33
 W.O. No. 72304

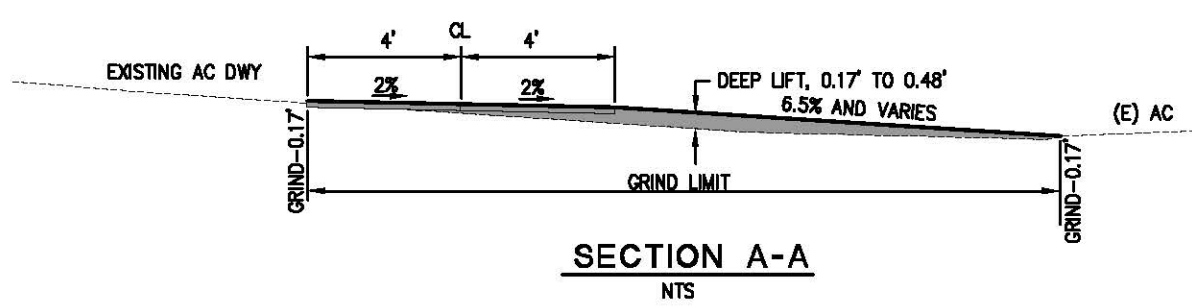
ORIGINAL SCALE IS IN INCHES
 Drawing name: C:\Civil 3D Projects\72304 Northside School BikeTrail\CADD Files\Sheets\C-6.dwg Layout: Tab: C-6 May 09, 2013 7:43am SMC/vey
 FOR REDUCED PLANS
 2
 1
 0



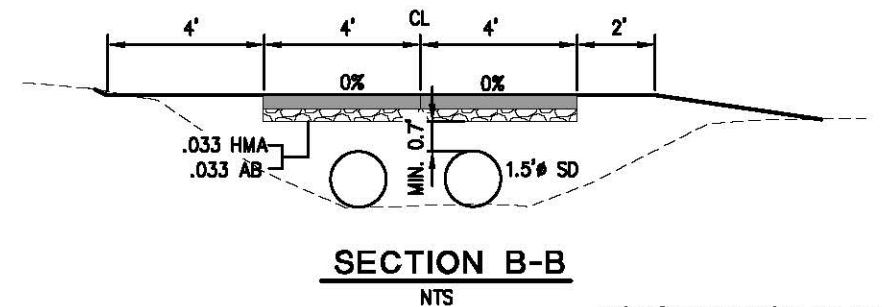
1 PLAN - DRIVEWAY CONFORM
 STA 32+78 SCALE: 1"=5'
 GRIND LIMITS

CONSTRUCTION NOTES:

- 1 RELOCATE USPS MAILBOX. OWNER AND POSTAL SERVICE TO DETERMINE EXACT LOCATION.
- TRANSITION CROSS SLOPE FROM 2% AT STATION 33+00, TO 0% AT STA 33+05
- CONTINUE 0% CROSS SLOPE STATION 33+05 TO 33+25
- TRANSITION CROSS SLOPE FROM 0% AT STATION 33+25, TO -1% AT STATION 33+30

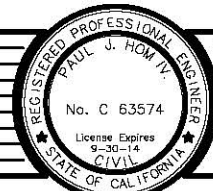


SECTION A-A
NTS



SECTION B-B
NTS

CONSTRUCTION DETAILS
DRIVEWAY CONFORM
 SCALE : AS NOTED



PREPARED UNDER THE SUPERVISION OF:
Paul J. Hom
 REGISTERED CIVIL ENGINEER
 DATE: 05/08/13

DESIGNED: CG
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 DATE: 4/05/13
 ROAD NUMBER: SR 183



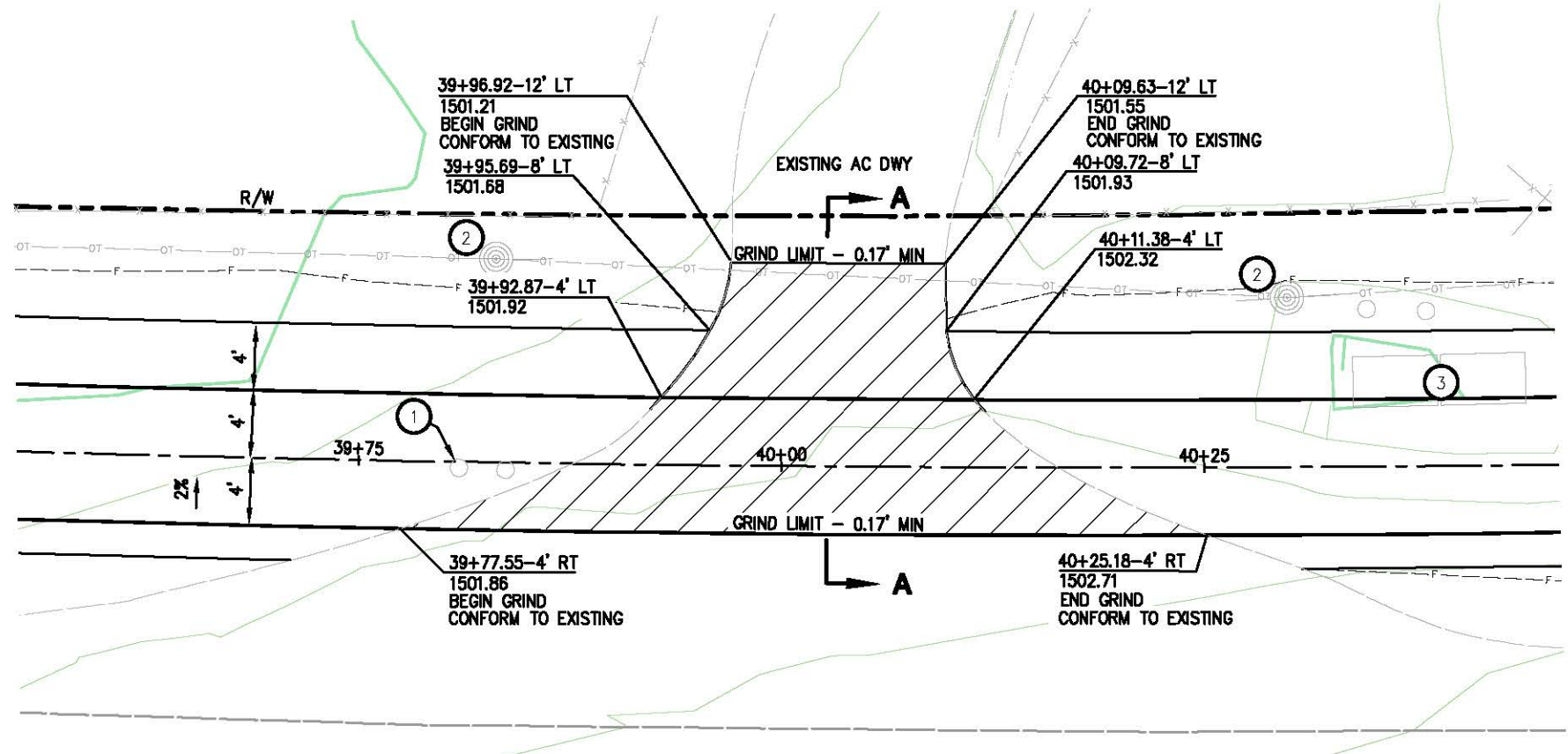
EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION

NORTHSIDE SCHOOL CLASS I BIKE
PATH - PHASE 1 (SR193)

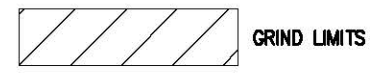
SHEET
C-6
 14 OF 33
 W.O. No. 72304

ORIGINAL SCALE IS IN INCHES
 Drawing name: C:\Civil 3D Projects\72304 Northside School BikeTrail\CADD Files\Sheets\C-7.dwg Layout: Tab: C-7 May 09, 2013 7:57am SMCvey
 FOR REDUCED PLANS

WHITE
APN 071-500-11

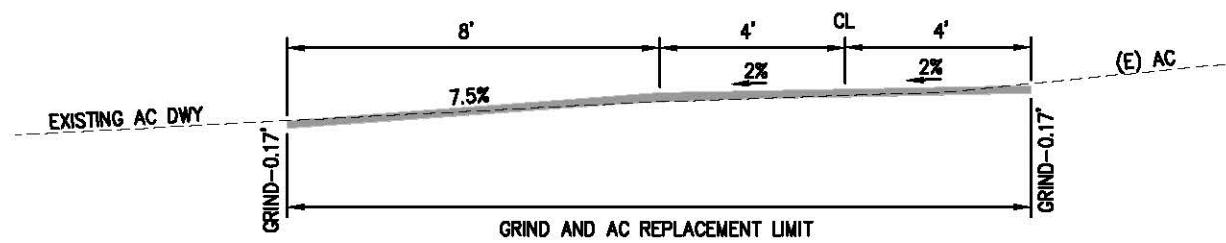


1 PLAN - DRIVEWAY CONFORM
 STA 40+06 SCALE: 1"=5'



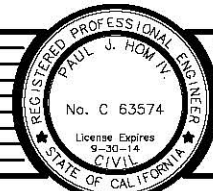
CONSTRUCTION NOTES:

- ① RELOCATE NEWSPAPER BOX (1) AND ADDRESS POST (1). EXACT LOCATION TO BE DETERMINED IN THE FIELD BY THE OWNER.
- ② AT&T POLES, PROTECT IN PLACE
- ③ APPROXIMATE LOCATION OF AT&T VAULTS, PROTECT IN PLACE



SECTION A-A
NTS

CONSTRUCTION DETAILS
DRIVEWAY CONFORM
 SCALE : AS NOTED



PREPARED UNDER THE SUPERVISION OF:
Paul J Hom
 REGISTERED CIVIL ENGINEER
 DATE: 05/08/13

DESIGNED: CG
 DRAWN: RR
 CHECKED: PH
 DATE: 4/08/13
 ROAD NUMBER: SR 183

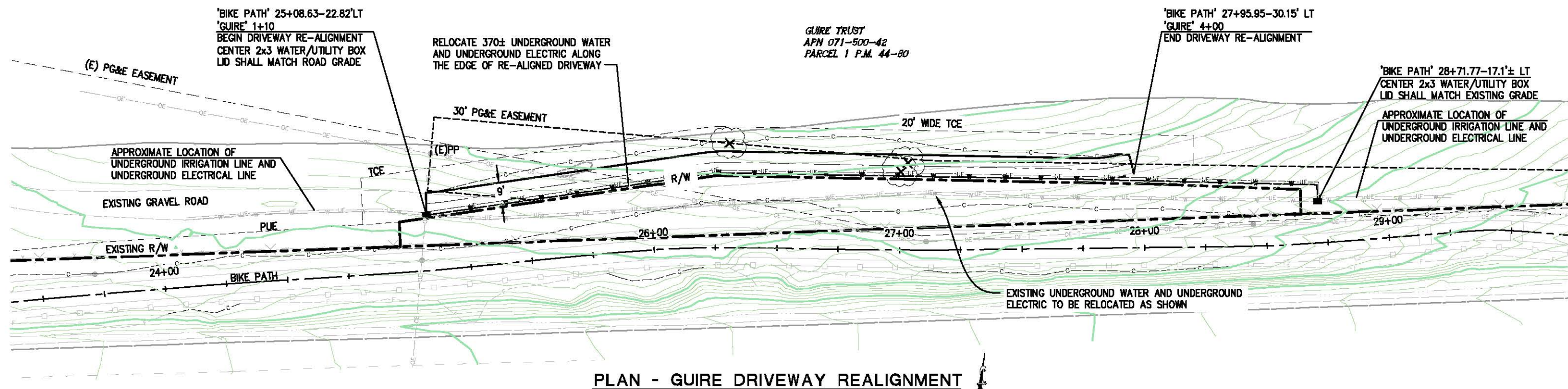


EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION

NORTHSIDE SCHOOL CLASS I BIKE
PATH - PHASE 1 (SR193)

SHEET
C-7
 15 OF 33
 W.O. No. 72304

ORIGINAL SCALE: 1/8" = 10' IN INCHES
 Drawing name: C:\Civil 3D Projects\72304 Northside School BikeTrail\CADD Files\Sheets\C-8.dwg Layout: Tab: GUIRE TRUST ACCESS ROAD May 09 2013 8:04am SMC\vey
 FOR REDUCED PLANS



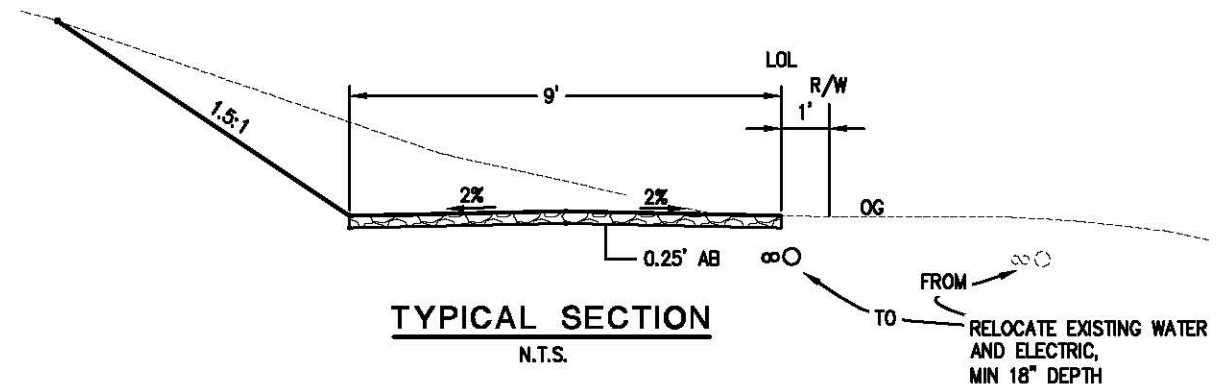
PLAN - GUIRE DRIVEWAY REALIGNMENT
SCALE: 1"=20'

GENERAL NOTES:

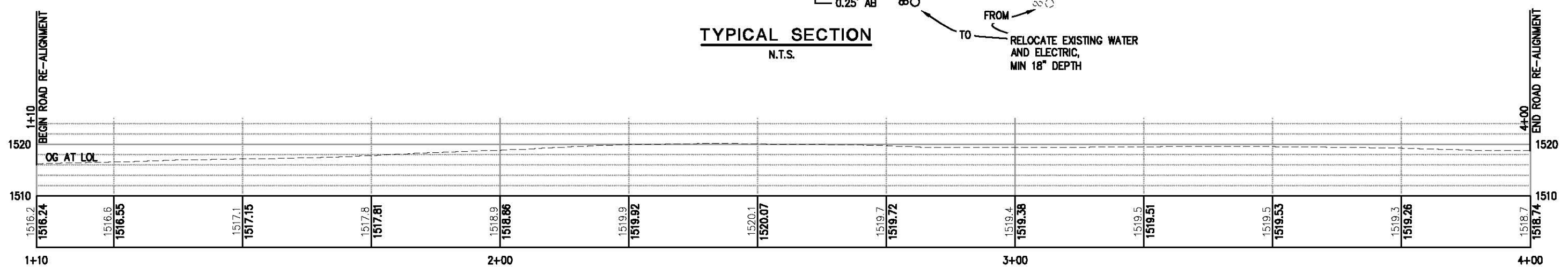
1. SALVAGE EXISTING AGGREGATE BASE DUE TO DRIVEWAY REALIGNMENT FROM STATION 25+08 TO 27+96.
2. REMOVE FENCE POST FOOTING FROM STATION 24+75 TO 29+00.

LEGEND:

- STATE HIGHWAY RIGHT OF WAY
- - - - - EXISTING FENCE
- - - - - TCE
- ⊗ APPROXIMATE LOCATION OF TREES TO BE REMOVED-(3) TOTAL



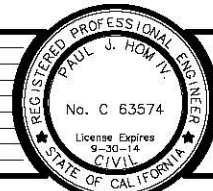
TYPICAL SECTION
N.T.S.



PROFILE - GUIRE TRAIL
SCALE: 1"=10' HV

CONSTRUCTION DETAILS
GUIRE TRUST ACCESS DRIVEWAY
SCALE : AS NOTED

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
Paul J. Hom
 REGISTERED CIVIL ENGINEER
 DATE: 05/08/13

DESIGNED: CG
 DRAWN: RR
 CHECKED: PH
 DATE: 4/05/13
 ROAD NUMBER: SR 193

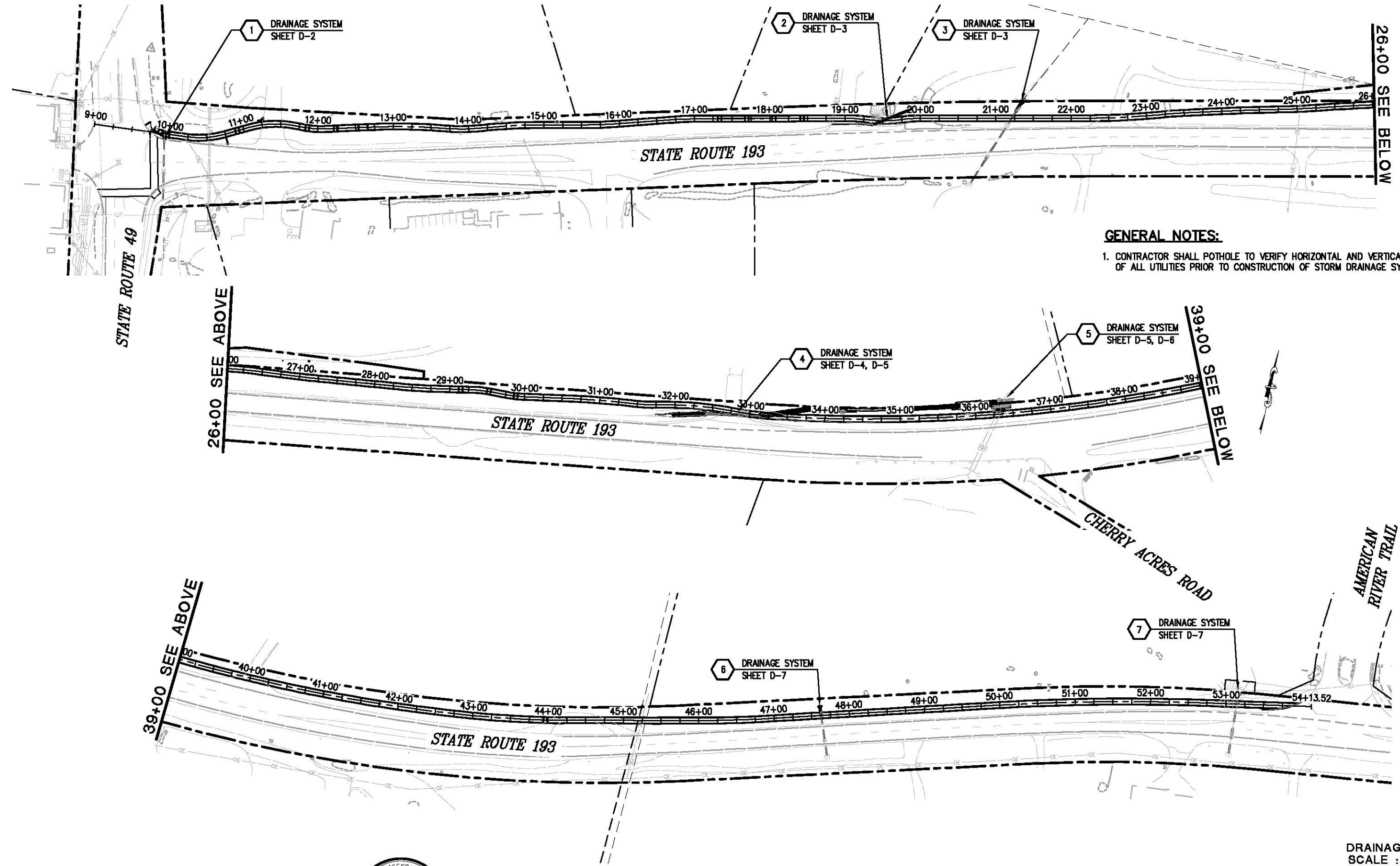


EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION

NORTHSIDE SCHOOL CLASS I BIKE
PATH - PHASE 1 (SR193)

SHEET
C-8
 16 OF 33
 W.O. No. 72304

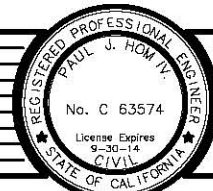
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 FOR REDUCED PLANS
 2
 1
 0



GENERAL NOTES:
 1. CONTRACTOR SHALL POTHOLE TO VERIFY HORIZONTAL AND VERTICAL LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION OF STORM DRAINAGE SYSTEMS.

DRAINAGE INDEX
 SCALE : 1" = 60'

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
Paul J. Hom
 REGISTERED CIVIL ENGINEER
 DATE: 05/08/13

DESIGNED: CG
 DRAWN: RR
 CHECKED: PH
 DATE: 4/01/13
 ROAD NUMBER: SR 193

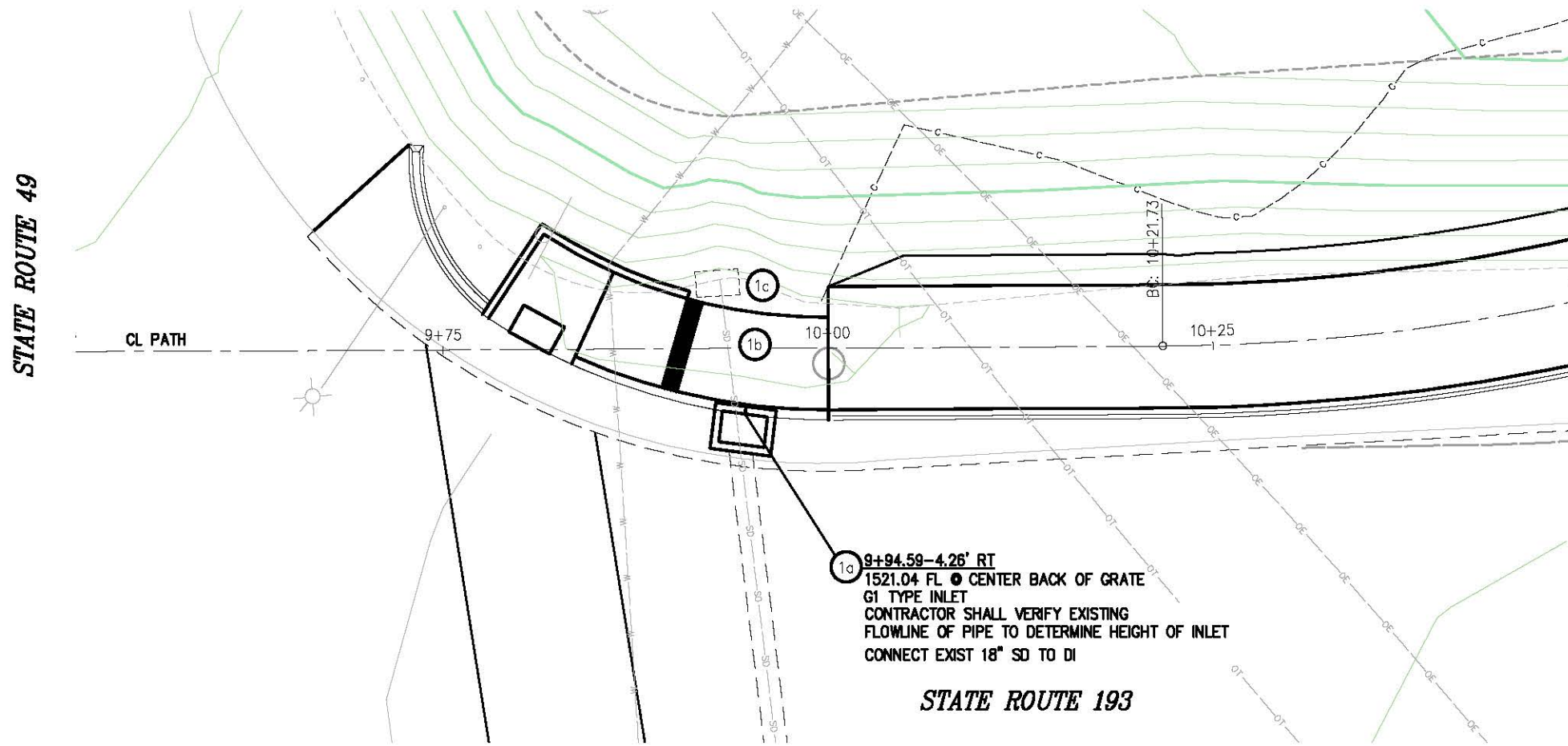


EL DORADO COUNTY
 DEPARTMENT OF TRANSPORTATION

NORTHSIDE SCHOOL CLASS I BIKE
 PATH - PHASE 1 (SR193)

SHEET
 D-1
 17 OF 33
 W.O. No. 72304

ORIGINAL SCALE IS IN INCHES
 Drawing name: C:\Civil 3D Projects\72304 Northside School BikeTrail\CADD Files\Sheets\0-2.dwg Layout: Tab: D-2 May 09, 2013 - 8:40am SMCvey
 FOR REDUCED PLANS
 2
 1
 0



1a 9+94.59-4.26' RT
 1521.04 FL @ CENTER BACK OF GRATE
 G1 TYPE INLET
 CONTRACTOR SHALL VERIFY EXISTING
 FLOWLINE OF PIPE TO DETERMINE HEIGHT OF INLET
 CONNECT EXIST 18" SD TO DI

STATE ROUTE 193

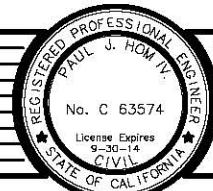
PLAN - DRAINAGE SYSTEM 1

CONSTRUCTION NOTES:

- 1a - G1 TYPE LINLET
- 1b - REMOVE APPROX. 12±LF, 18"Ø EXISTING PIPE
- 1c - REMOVE EXISTING INLET

DRAINAGE SYSTEM 1
SCALE : 1" = 10'

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
Paul J. Hom
 REGISTERED CIVIL ENGINEER
 DATE: 05/08/13

DESIGNED: CG
 DRAWN: RR
 CHECKED: PH
 DATE: 4/05/13
 ROAD NUMBER: SR 193

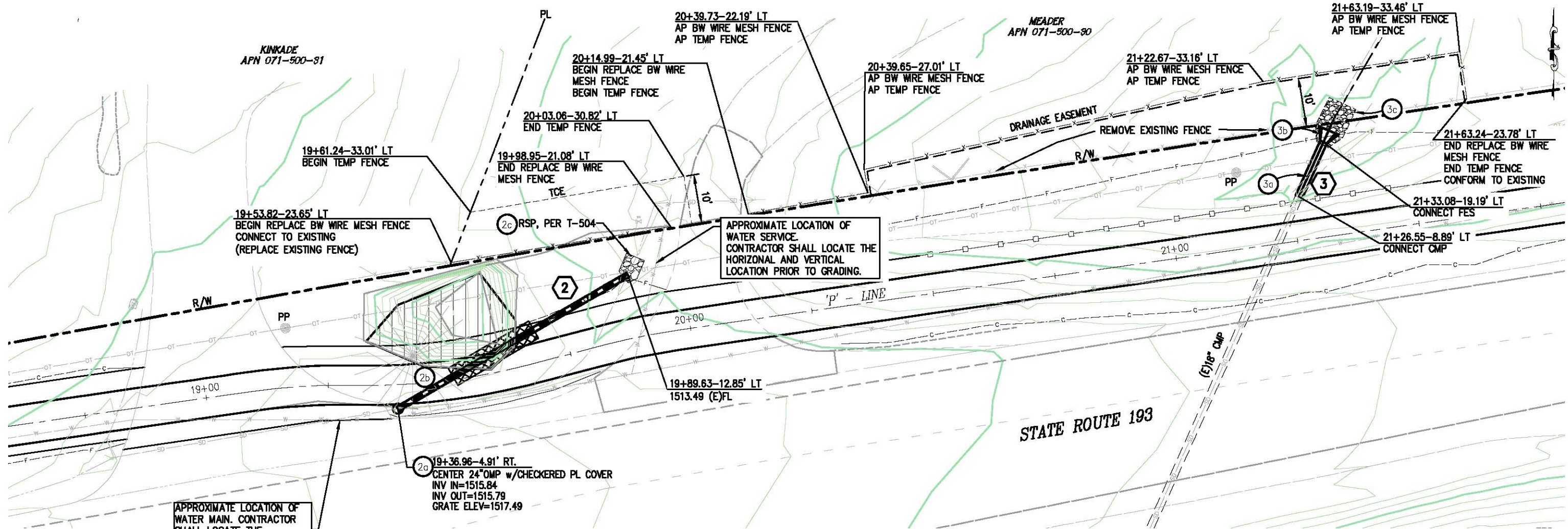


EL DORADO COUNTY
 DEPARTMENT OF TRANSPORTATION

NORTHSIDE SCHOOL CLASS I BIKE
 PATH - PHASE 1 (SR193)

SHEET
 D-2
 18 OF 33
 W.O. No. 72304

ORIGINAL SCALE: 1/8" = 1' IN INCHES
 Drawing name: C:\Civil 3D\Projects\72304 Northside School BikeTrail\CADD Files\Sheets\0-3.dwg Layout: Tab: D-3 May 09, 2013 8:52am SMC\evy
 FOR REDUCED PLANS



APPROXIMATE LOCATION OF WATER MAIN. CONTRACTOR SHALL LOCATE THE HORIZONTAL AND VERTICAL LOCATION PRIOR TO GRADING.

APPROXIMATE LOCATION OF WATER SERVICE. CONTRACTOR SHALL LOCATE THE HORIZONTAL AND VERTICAL LOCATION PRIOR TO GRADING.

PLAN - DRAINAGE SYSTEM 2

PLAN - DRAINAGE SYSTEM 3

CONSTRUCTION NOTES:

- CONTRACTOR SHALL PLACE REFERENCE STAKES FOR ALL FENCING THAT NEEDS TO BE REMOVED FOR CONSTRUCTION. CONTRACTOR TO USE THESE STAKES TO INSTALL NEW FENCING AT THE CONCLUSION OF WORK.

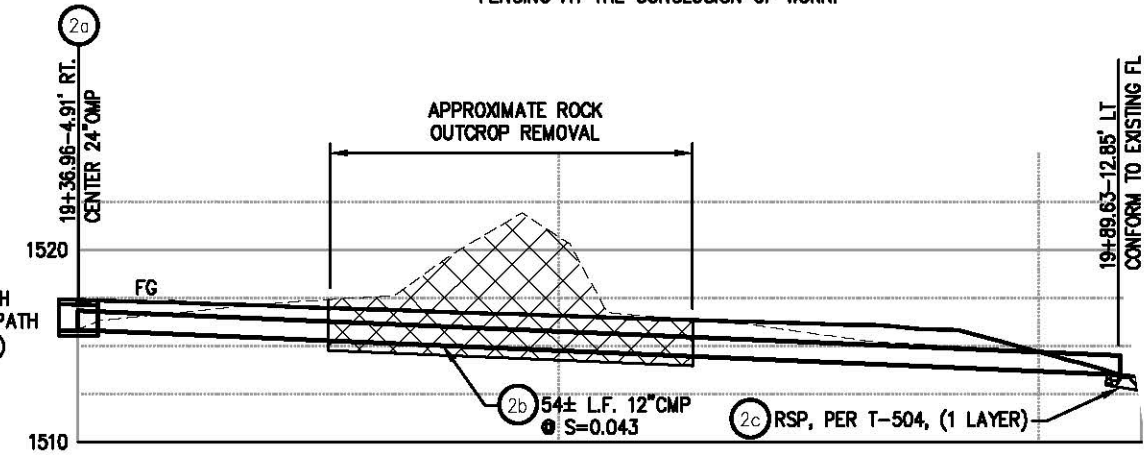
LEGEND:

- APPROXIMATE LIMITS OF ROCK REMOVAL FOR DRAINAGE SYSTEM. DEPTH OF EXCAVATION SHALL BE SUFFICIENT TO CONSTRUCT THE DRAINAGE SYSTEM AS SHOWN.
- APPROXIMATE LIMITS OF ROCK REMOVAL. DEPTH OF EXCAVATION SHALL BE SUFFICIENT TO CONSTRUCT THE FULL STRUCTURAL SECTION OF THE PATH AS SHOWN.

ABBREVIATIONS:

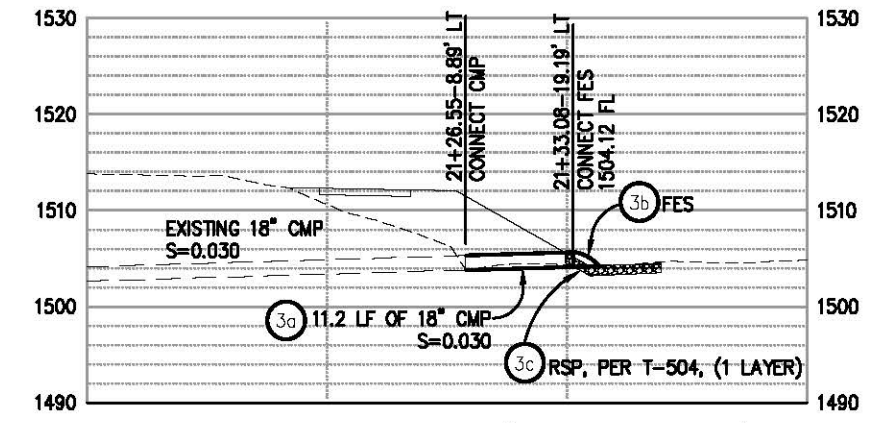
- R/W - RIGHT OF WAY
- PP - POWER POLE
- TCE - TEMPORARY CONSTRUCTION EASEMENT
- AP - ANGLE POINT
- ESA - ENVIRONMENTALLY SENSITIVE AREA FENCING
- BARB WIRE AND WIRE MESH FENCE PER A86

CONTRACTOR SHALL REMOVE ANY DAMAGED PORTION OF EXISTING CULVERT TO PROVIDE A CLEAN UNIFORM END. CONNECT NEW PIPE WITH NEOPRENE GASKETS AND BAND COUPLERS.



PROFILE - DRAINAGE SYSTEM 2

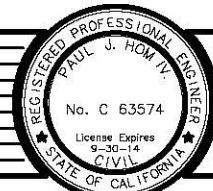
N.T.S.



PROFILE - DRAINAGE SYSTEM 3

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

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
Paul J. Hom
 REGISTERED CIVIL ENGINEER
 DATE: 05/08/13

DESIGNED: CG
 DRAWN: RR
 CHECKED: PH
 DATE: 4/05/13
 ROAD NUMBER: SR 193

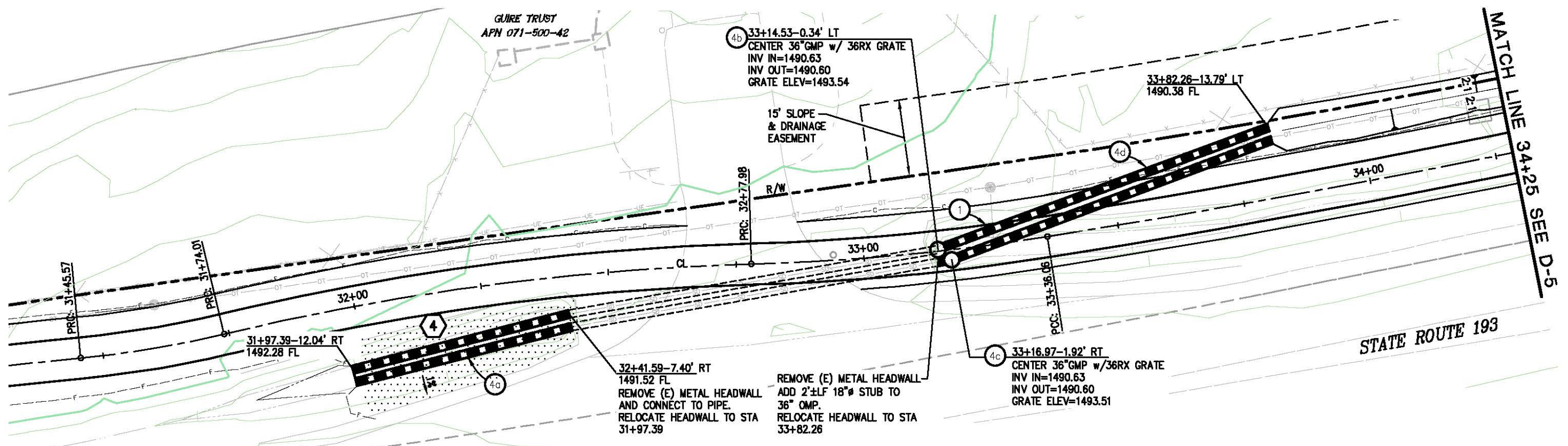


EL DORADO COUNTY
 DEPARTMENT OF TRANSPORTATION

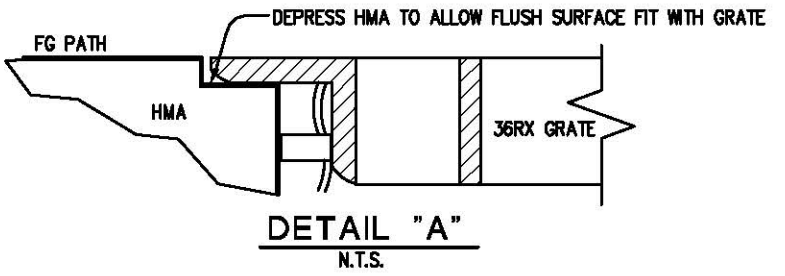
NORTHSIDE SCHOOL CLASS I BIKE
 PATH - PHASE 1 (SR193)

SHEET
 D-3
 19 OF 33
 W.O. No. 72304

ORIGINAL SCALE IS IN INCHES
 Drawing name: C:\Civil 3D Projects\72304 Northside School BikeTrail\CADD Files\Sheets\0-4.dwg Layout: Tab: D-4 May 09, 2013 - 9:04am SMC/vey
 FOR REDUCED PLANS



PLAN - DRAINAGE SYSTEM 4
SCALE: 1"=10'



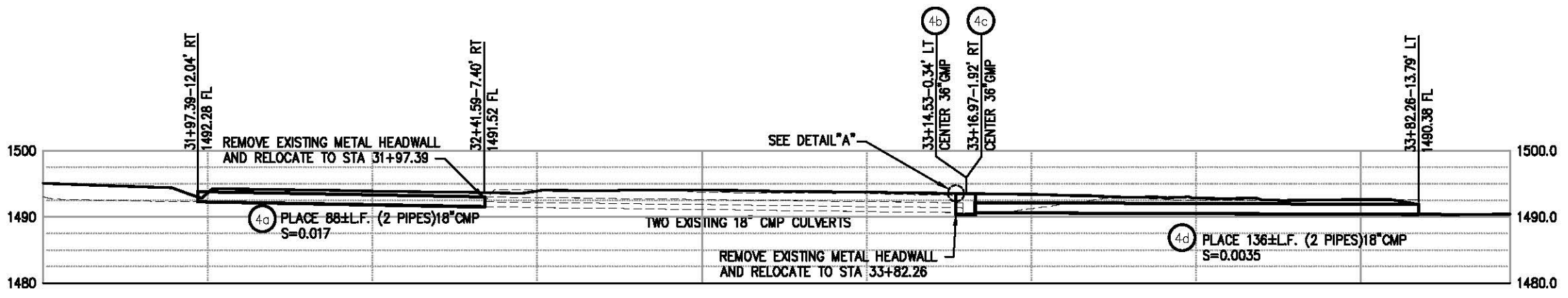
LEGEND:
 FILL LIMITS OF EXISTING DITCH

CONSTRUCTION NOTES:

① UTILITY ANCHOR AND POLE HAS BEEN RELOCATED.

CONTRACTOR SHALL REMOVE ANY DAMAGED PORTION OF EXISTING CULVERT TO PROVIDE A CLEAN UNIFORM END. CONNECT NEW PIPE WITH NEOPRENE GASKETS AND BAND COUPLERS.

EXISTING METAL HEADWALLS (2), TO BE SALVAGED AND RELOCATED TO STATION 31+97.39 AND 33+82.26



PROFILE - DRAINAGE SYSTEM 4
SCALE: 1"=10'H,V

DRAINAGE SYSTEM 4
SCALE: 1" = 10'

REVISION	NUMBER	DATE	DESCRIPTION	BY

PREPARED UNDER THE SUPERVISION OF:
Paul J. Hom
 REGISTERED CIVIL ENGINEER
 DATE: 05/08/13

DESIGNED: CG
 DRAWN: RR
 CHECKED: PH
 DATE: 4/01/13
 ROAD NUMBER: SR 193

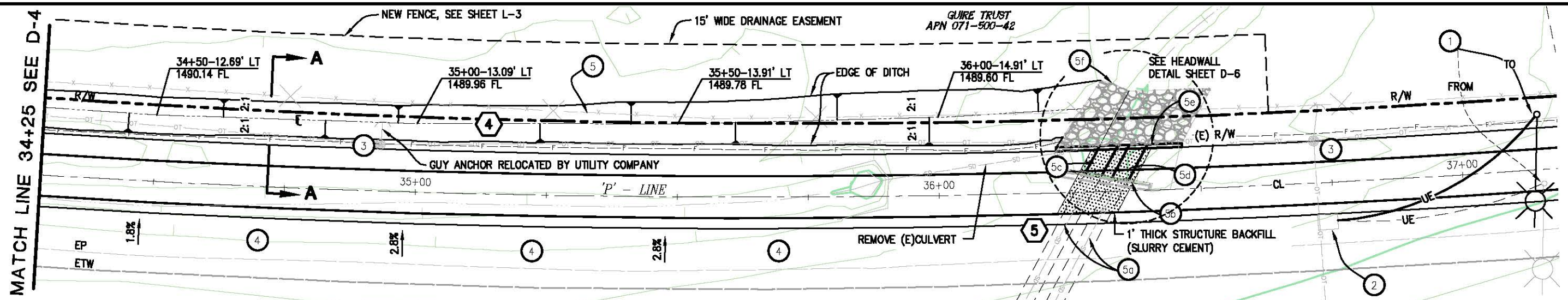


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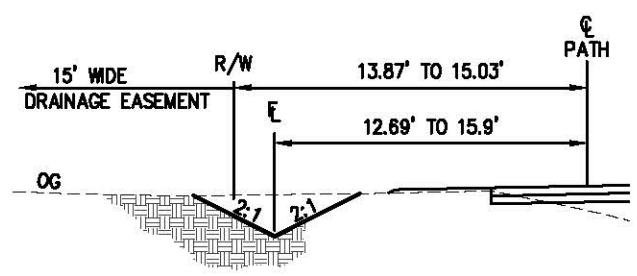
NORTHSIDE SCHOOL CLASS I BIKE
PATH - PHASE 1 (SR193)

SHEET
D-4
 20 OF 33
 W.O. No. 72304

ORIGINAL SCALE IS IN INCHES
 Drawing name: C:\Civil 3D Projects\72304 Northside School BikeTrail\CADD Files\Sheets\U-5.dwg Layout: Tab: D-5 May 09, 2013 8:16am Sivey
 FOR REDUCED PLANS



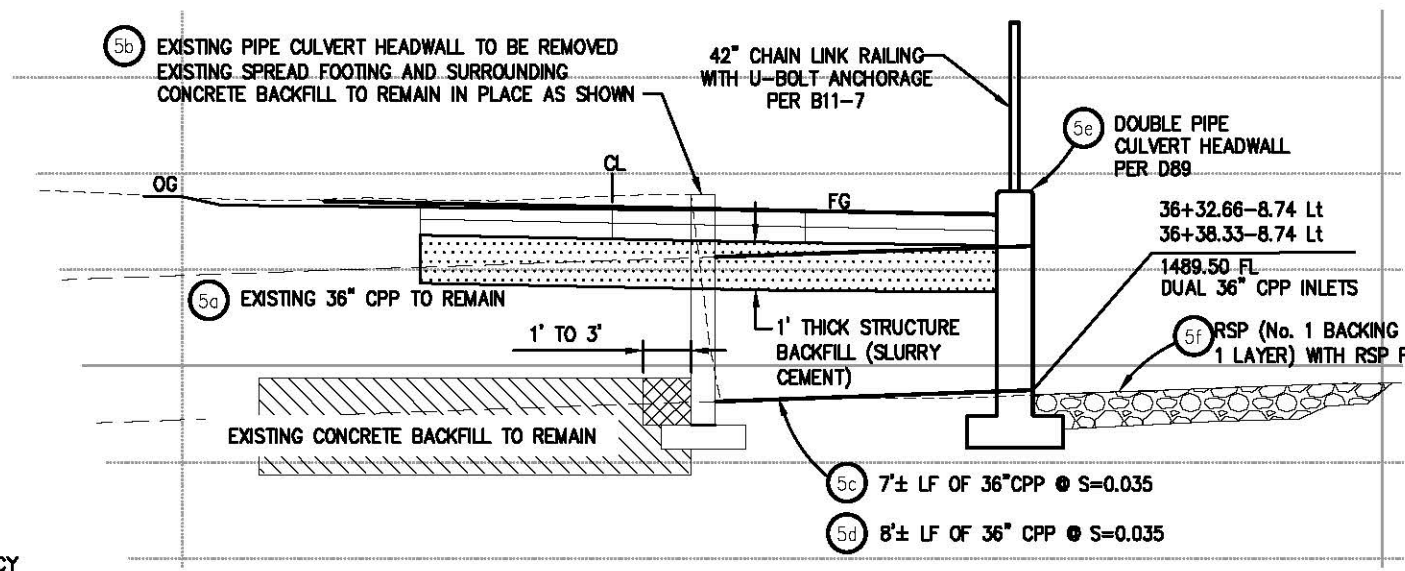
PLAN - DRAINAGE SYSTEM 4 & 5
 SCALE: 1" = 10'



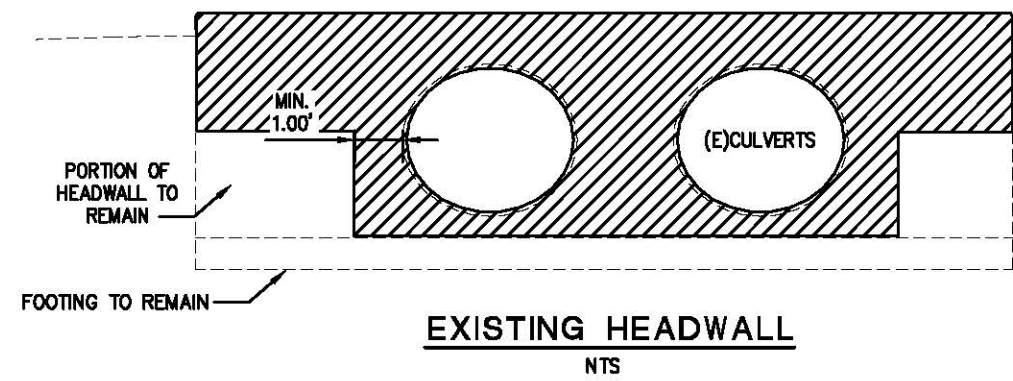
TYPICAL SECTION A-A
 SCALE: 1" = 4'

LEGEND:

- STRUCTURE BACKFILL (SLURRY CEMENT), APPROX 6 CY
- EXISTING CONCRETE BACKFILL
- REMOVE EXISTING CONCRETE BACKFILL BEHIND EXISTING WALL AS SHOWN
- EXISTING HEADWALL TO BE REMOVED



PROFILE - DRAINAGE SYSTEM 5
 SCALE: 1" = 2'H,V



CONSTRUCTION NOTES:

- 1 RELOCATE STREETLIGHT FROM STA 37+15.43-2.65' RT TO STA 37+14.93-10.6' LT
- 2 ELECTRIC SERVICE BOX PROTECT IN PLACE
- 3 UTILITY POLE, PROTECT IN PLACE
- 4 COMPACTED FILL
- 5 REMOVE EXISTING "NO CLIMB" FENCE. NEW FENCING MATERIAL AND CONSTRUCTION SHALL MATCH EXISTING FENCE AND WILL BE PLACED ON 15' DRAINAGE EASEMENT. (SEE SHEET L-3 FOR STATION/OFFSET.)

ABBREVIATIONS

CPP - CORRUGATED PLASTIC PIPE

GENERAL NOTE:

1. THE LENGTH OF NEW 36" PIPE IS MEASURED FROM THE FACE OF THE EXISTING HEADWALL. THE CONTRACTOR MAY CUT AND REMOVE A PORTION OF THE EXISTING PIPE WITH THE HEADWALL. THE LENGTH OF NEW 36" PIPE SHALL BE INCREASED TO EQUAL THE AMOUNT OF THE EXISTING PIPE REMOVED.

CONTRACTOR SHALL REMOVE ANY DAMAGED PORTION OF EXISTING CULVERT TO PROVIDE A CLEAN UNIFORM END. CONNECT NEW PIPE WITH NEOPRENE GASKETS AND BAND COUPLERS.

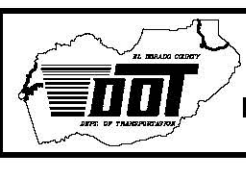
DRAINAGE SYSTEM 4 & 5
 SCALE : AS SHOWN

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
Paul J. Hom
 REGISTERED CIVIL ENGINEER
 DATE: 05/08/13

DESIGNED: CG
 DRAWN: RR
 CHECKED: PH
 DATE: 05/07/13
 ROAD NUMBER: SR 193

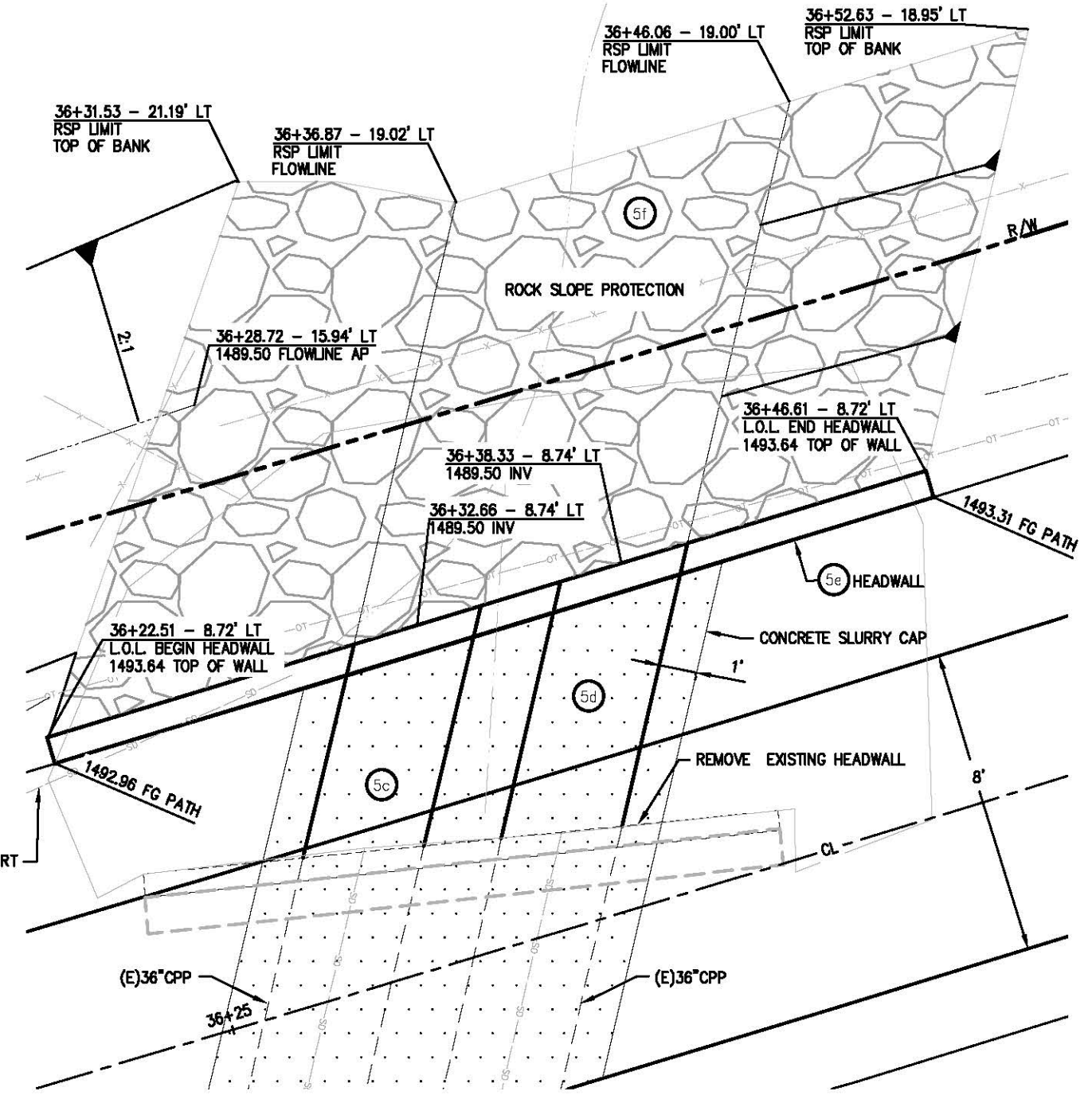
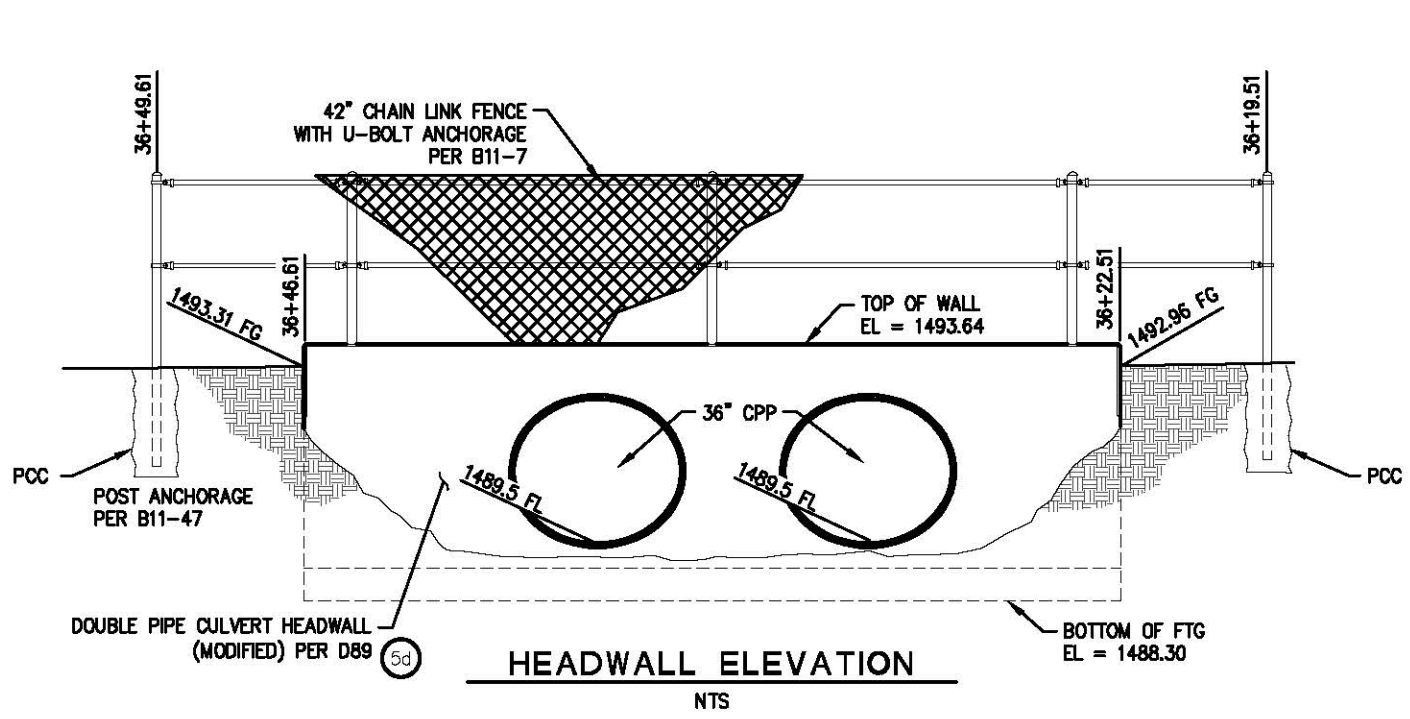


EL DORADO COUNTY
 DEPARTMENT OF TRANSPORTATION

NORTHSIDE SCHOOL CLASS I BIKE
 PATH - PHASE 1 (SR193)

SHEET
D-5
 21 OF 33
 W.O. No. 72304

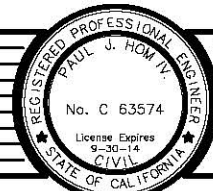
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 FOR REDUCED PLANS



PLAN - HEADWALL/RSP DETAIL
SCALE: 1" = 2'

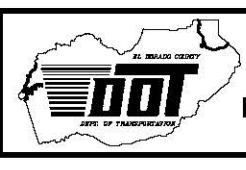
DRAINAGE SYSTEM 5
SCALE : AS SHOWN

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
Paul J. Hom
 REGISTERED CIVIL ENGINEER
 DATE: 05/08/13

DESIGNED: CG
 DRAWN: RR
 CHECKED: PH
 DATE: 05/02/13
 ROAD NUMBER: SR 193



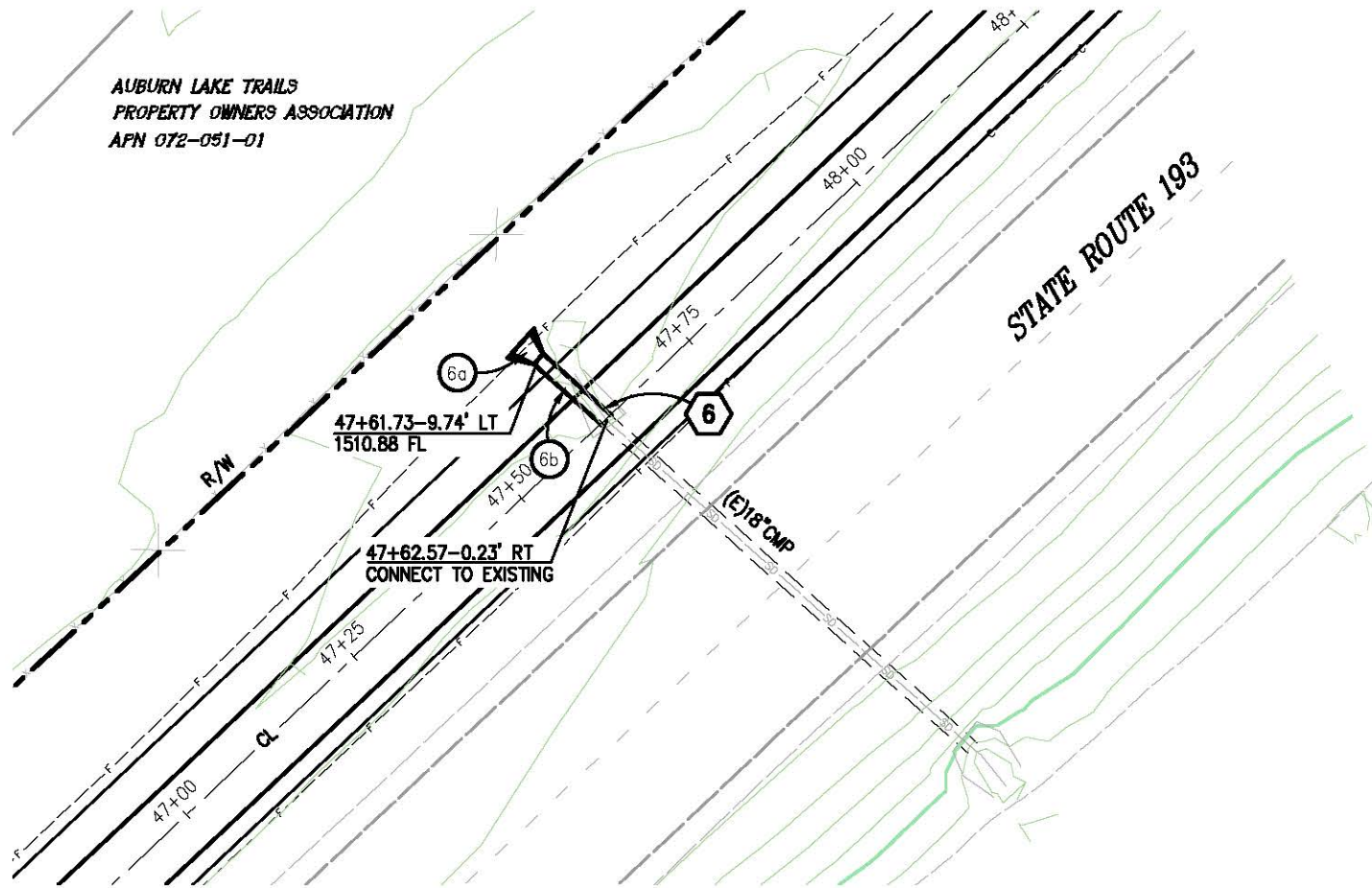
EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION

NORTHSIDE SCHOOL CLASS I BIKE
PATH - PHASE 1 (SR193)

SHEET
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22 of 33
W.O. No. 72304

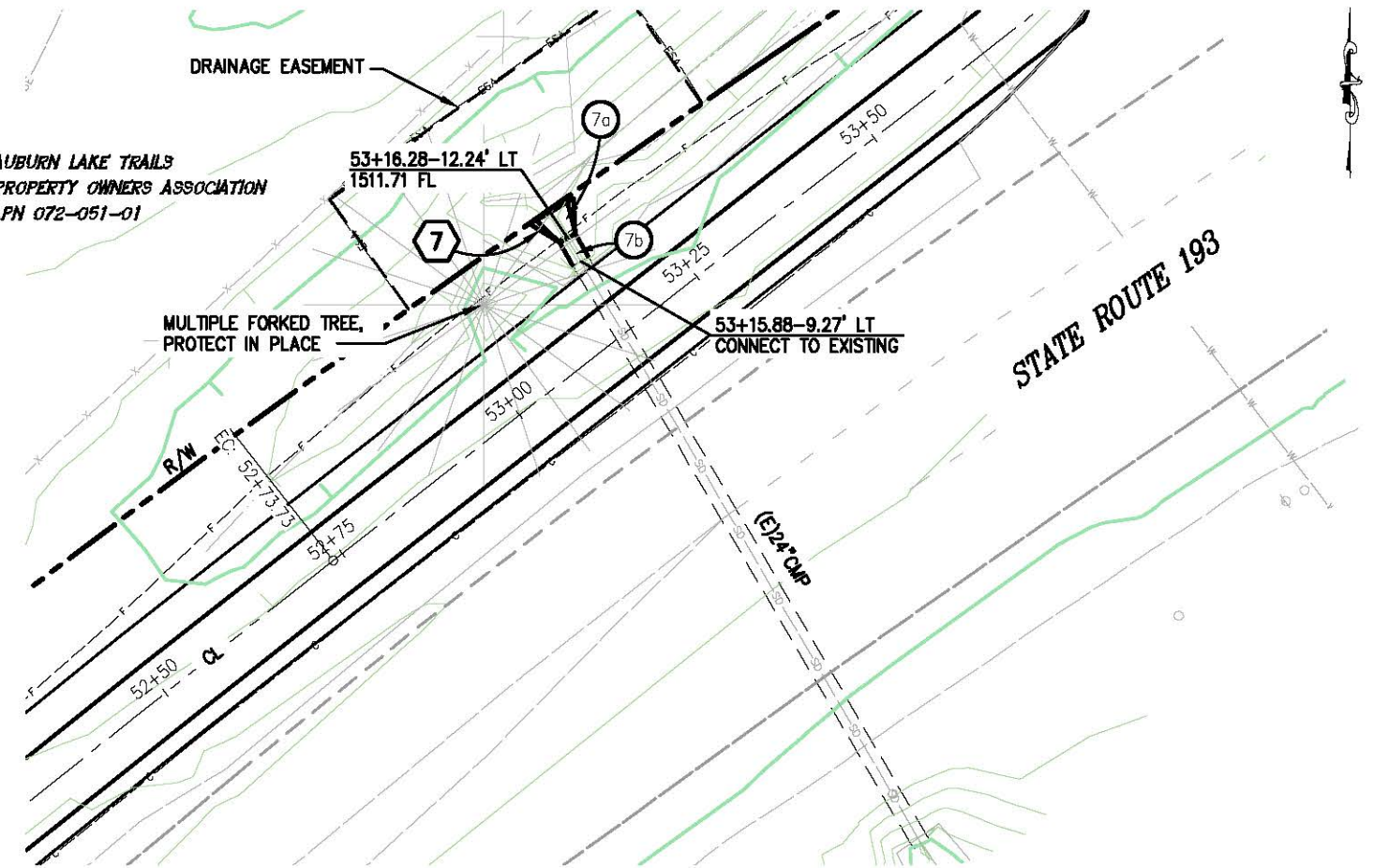
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 FOR REDUCED PLANS

AUBURN LAKE TRAILS
 PROPERTY OWNERS ASSOCIATION
 APN 072-051-01



1 PLAN - DRAINAGE SYSTEM 6

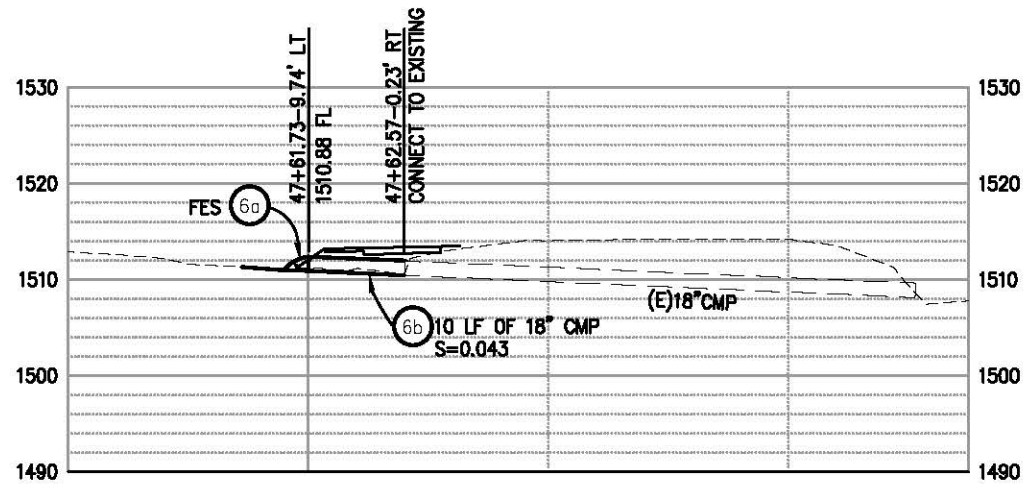
AUBURN LAKE TRAILS
 PROPERTY OWNERS ASSOCIATION
 APN 072-051-01



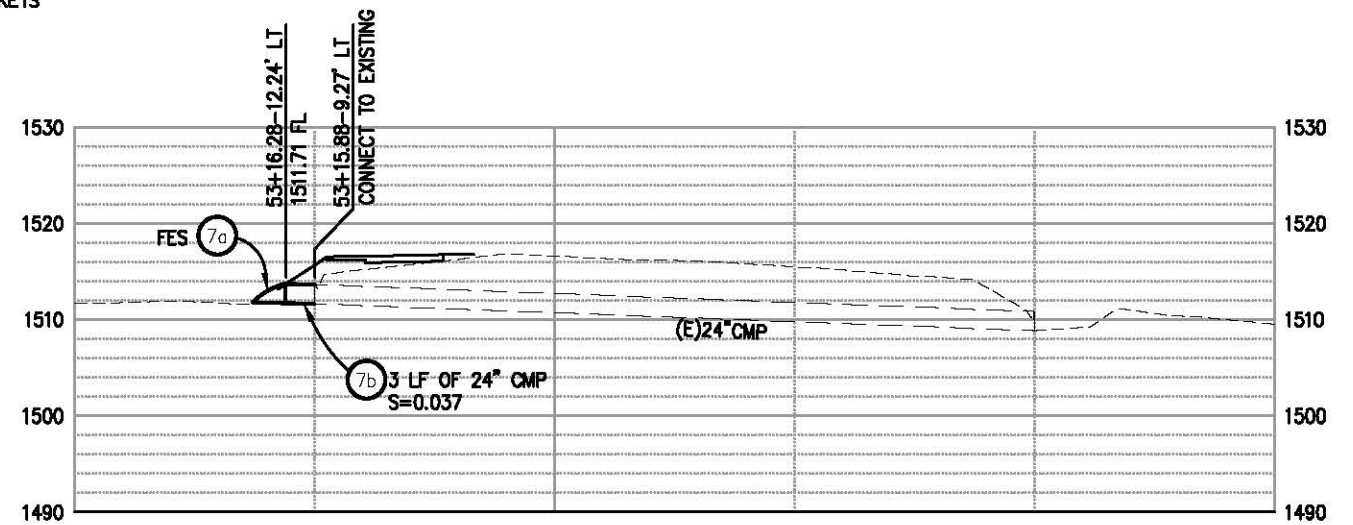
2 PLAN - DRAINAGE SYSTEM 7

GENERAL NOTE:

- CONTRACTOR SHALL REMOVE ANY DAMAGED PORTION OF EXISTING CULVERT TO PROVIDE A CLEAN UNIFORM END. CONNECT NEW PIPE WITH NEOPRENE GASKETS AND BAND COUPLERS.



PROFILE - DRAINAGE SYSTEM 6



PROFILE - DRAINAGE SYSTEM 7

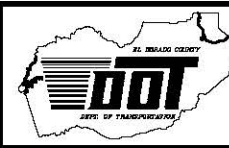
DRAINAGE SYSTEM 6 & 7
 SCALE : 1" = 10'

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
Paul J. Hom
 REGISTERED CIVIL ENGINEER
 05/08/13

DESIGNED: CG
 DRAWN: RR
 CHECKED: PH
 DATE: 4/2/13
 ROAD NUMBER: SR 193



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 DEPARTMENT OF TRANSPORTATION

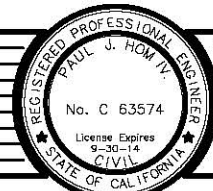
NORTHSIDE SCHOOL CLASS I BIKE
 PATH - PHASE 1 (SR193)

SHEET
 D-7
 23 OF 33
 W.O. No. 72304

ORIGINAL SCALE IS IN INCHES
 Drawing name: C:\Civil 3D Projects\72304 Northside School BikeTrail\CADD Files\Sheets\U-B.dwg Layout: Tab: D-B May 09, 2013 - 9:35am SMCvey
 FOR REDUCED PLANS
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 1
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DRAINAGE PLAN SHEET NO.	DRAINAGE SYSTEM	DRAINAGE ITEM	G1 INLET								DESCRIPTION	STATION/OFFSET PER "P" ALIGNMENT			
			12" CMP	18" CMP	24" CMP	36" CPP	18" FES	24" FES	MINOR CONCRETE	MISC IRON/STEEL			24" OMP	36" GMP	RSP
			FT	FT	FT	FT	EA	EA	CY	LB	EA	EA	YD ³		
D-2	1	a												G1 INLET	9+94.59-4.26' RT
		a						4.2						G1 INLET	
		a							202						G1 INLET
D-3	2	a									1			CENTER OMP	19+36.96-4.91' RT
		b	54											S=0.043	
		c											1.5		RSP
D-3	3	a		12										S=0.03	21+26.55-8.89' LT
		b					1							FES	21+33.08-19.19' LT
		c											1.5		RSP
D-4	4	a		88										S=0.017	
		b										1		CENTER GMP	33+14.53-0.34' LT
		c										1		CENTER GMP	33+16.97-1.92' RT
		d	136											S=0.0035	
D-5 D-6	5	a												EXISTING 36" PIPE	
		b												EXISTING HEADWALL	
		c					7							S=0.035	36+32.66-8.74' LT
		d					8							S=0.035	36+38.33-8.74' LT
		e												NEW HEADWALL	
		f											9		RSP
D-7	6	a					1							FES	47+61.73-9.74' LT
		b		10										S=0.044	47+62.57-0.23' RT
D-7	7	a						1						FES	53+16.28-12.24' LT
		b			3									S=0.037	53+15.88-9.27' LT
TOTAL			54	246	3	15	2	1	4.2	202	1	2	12		

DRAINAGE QUANTITIES



PREPARED UNDER THE SUPERVISION OF:
Paul J. Hom
 REGISTERED CIVIL ENGINEER
 DATE: 05/08/13

DESIGNED: CG
 DRAWN: RR
 CHECKED: PH
 DATE: 05/07/13
 ROAD NUMBER: SR 193

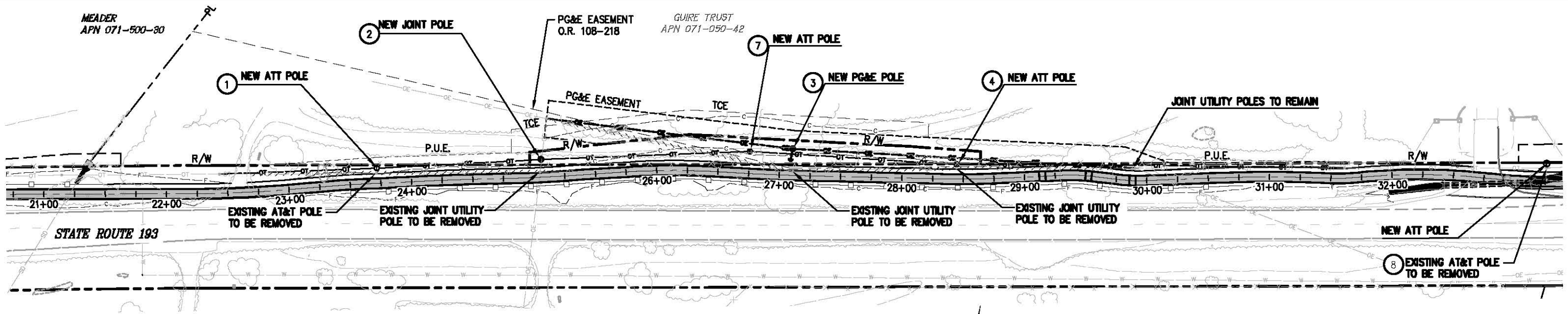


EL DORADO COUNTY
 DEPARTMENT OF TRANSPORTATION

NORTHSIDE SCHOOL CLASS I BIKE
 PATH - PHASE 1 (SR193)

SHEET
 D-8
 24 OF 33
 W.O. No. 72304

ORIGINAL SCALE: 1/8" = 10' IN INCHES
 FOR REDUCED PLANS
 Drawing name: C:\Civil 3D\Projects\72304 Northside School BikeTrail\CADD\Files\Sheets\U-1.dwg Layout: Tab: U-1 9:45am SMC\ey



PLAN - AT&T & PG&E RELOCATION

SCALE: 1"=40'

CONSTRUCTION NOTES:

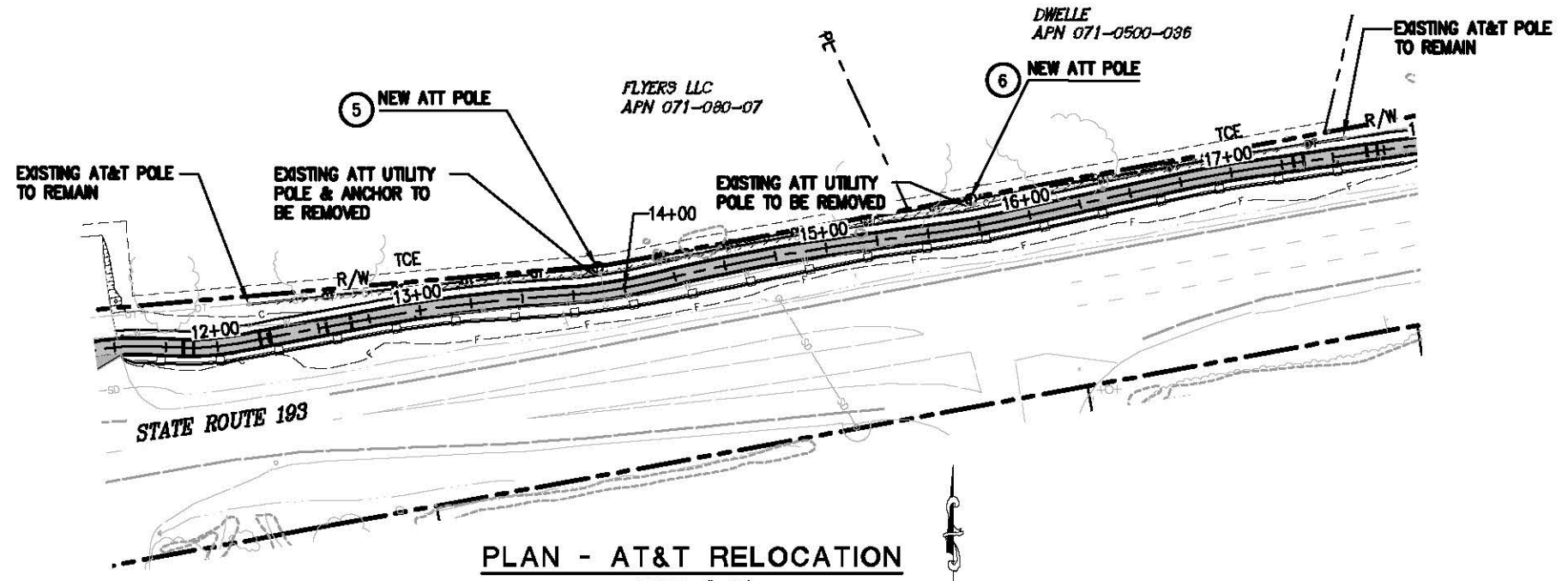
NOTE: POLE RELOCATIONS TO BE COMPLETED BY OTHERS AND PRIOR TO PATH CONSTRUCTION

- ① - AT&T UTILITY POLE, TO BE RELOCATED BY OTHERS. FROM STA 23+71.72-8.19' LT TO STA 23+72.07-12.32' LT
- ② - JOINT UTILITY POLE, TO BE RELOCATED BY OTHERS. FROM STA 25+05.12-4.51' LT TO STA 25+06.84-15.38' LT
- ③ - JOINT UTILITY POLE, TO BE RELOCATED BY OTHERS. FROM STA 27+10.89-3.39' LT TO STA 27+10.37-21.58' LT
- ④ - AT&T UTILITY POLE, TO BE RELOCATED BY OTHERS. FROM STA 28+44.55-8.95' LT TO STA 28+44.52-11.90' LT
- ⑤ - AT&T UTILITY POLE, TO BE RELOCATED BY OTHERS. FROM STA 13+89.18-9.02' LT TO STA 13+88.17-11.79' LT
- ⑥ - AT&T UTILITY POLE, TO BE RELOCATED BY OTHERS. FROM STA 15+74.19-10.80' LT TO STA 15+73.06-13.12' LT
- ⑦ - AT&T UTILITY POLE, TO BE RELOCATED BY OTHERS. FROM STA 27+10.88-3.36' LT TO STA 26+75-18.00' LT
- ⑧ - UTILITY ANCHOR AND POLE HAS BEEN RELOCATED

WARNING:
 THE LOCATION AND ELEVATION OF EXISTING UNDERGROUND UTILITIES ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY THE LOCATION AND ELEVATION OF ALL EXISTING UTILITIES.

LEGEND:

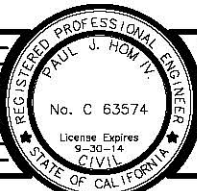
- — PROPOSED OVERHEAD ELECTRICAL LINE REALIGNMENT
- — EXISTING OVERHEAD ELECTRICAL LINE
- — EXISTING OVERHEAD ELECTRICAL LINE TO BE RELOCATED
- — PROPOSED OVERHEAD TELEPHONE LINE REALIGNMENT
- — EXISTING OVERHEAD TELEPHONE LINE TO BE RELOCATED
- — EXISTING OVERHEAD ELECTRICAL & TELEPHONE LINE TO BE RELOCATED
- — EXISTING UTILITY POLES
- — NEW ATT UTILITY POLE LOCATION
- — NEW PG&E UTILITY POLE LOCATION
- — PROPOSED GUY WIRE LOCATION



PLAN - AT&T RELOCATION

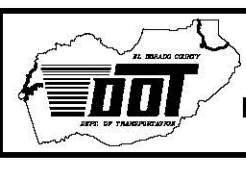
SCALE: 1"=40'

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
Paul J. Hom
 REGISTERED CIVIL ENGINEER
 DATE: 05/08/13

DESIGNED: CG
 DRAWN: RR
 CHECKED: PH
 DATE: 4/2/13
 ROAD NUMBER: SR 193

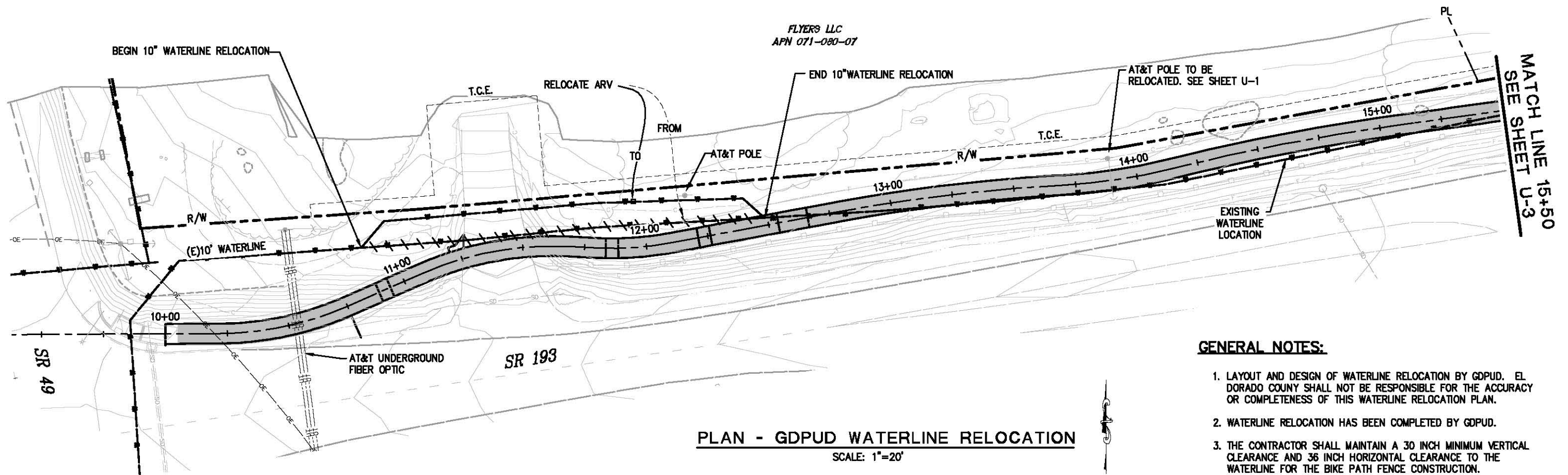


EL DORADO COUNTY
 DEPARTMENT OF TRANSPORTATION

NORTHSIDE SCHOOL CLASS I BIKE
 PATH - PHASE 1 (SR193)

SHEET
U-1
 25 OF 33
 W.O. No. 72304

WARNING:
 THE LOCATION AND ELEVATION OF EXISTING UNDERGROUND UTILITIES ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY THE LOCATION AND ELEVATION OF ALL EXISTING UTILITIES.



PLAN - GDPUD WATERLINE RELOCATION
 SCALE: 1"=20'

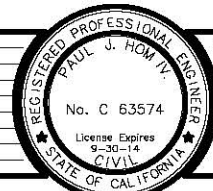
GENERAL NOTES:

- LAYOUT AND DESIGN OF WATERLINE RELOCATION BY GDPUD. EL DORADO COUNTY SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF THIS WATERLINE RELOCATION PLAN.
- WATERLINE RELOCATION HAS BEEN COMPLETED BY GDPUD.
- THE CONTRACTOR SHALL MAINTAIN A 30 INCH MINIMUM VERTICAL CLEARANCE AND 36 INCH HORIZONTAL CLEARANCE TO THE WATERLINE FOR THE BIKE PATH FENCE CONSTRUCTION.

LEGEND:

- EXISTING 10 INCH WATERLINE
- ABANDONED 10 INCH WATERLINE
- RELOCATED 10 INCH WATERLINE
- EXISTING OVERHEAD TELEPHONE LINES
- EXISTING UNDERGROUND FIBER OPTIC LINES
- EXISTING OVERHEAD ELECTRIC LINE

ORIGINAL SCALE IS IN INCHES
 Drawing name: C:\Civil 3D Projects\72304 Northside School BikeTrail\CADD Files\Sheets U-2.dwg Layout Tab: U-2 May 09, 2013 - 9:52am SMC/vey
 FOR REDUCED PLANS
 2
 1
 0



PREPARED UNDER THE SUPERVISION OF:
Paul J. Hom
 REGISTERED CIVIL ENGINEER
 DATE: 05/08/13

DESIGNED: GDPUD
 DRAWN: RR
 CHECKED: PH
 DATE: 4/2/13
 ROAD NUMBER: SR 193



EL DORADO COUNTY
 DEPARTMENT OF TRANSPORTATION

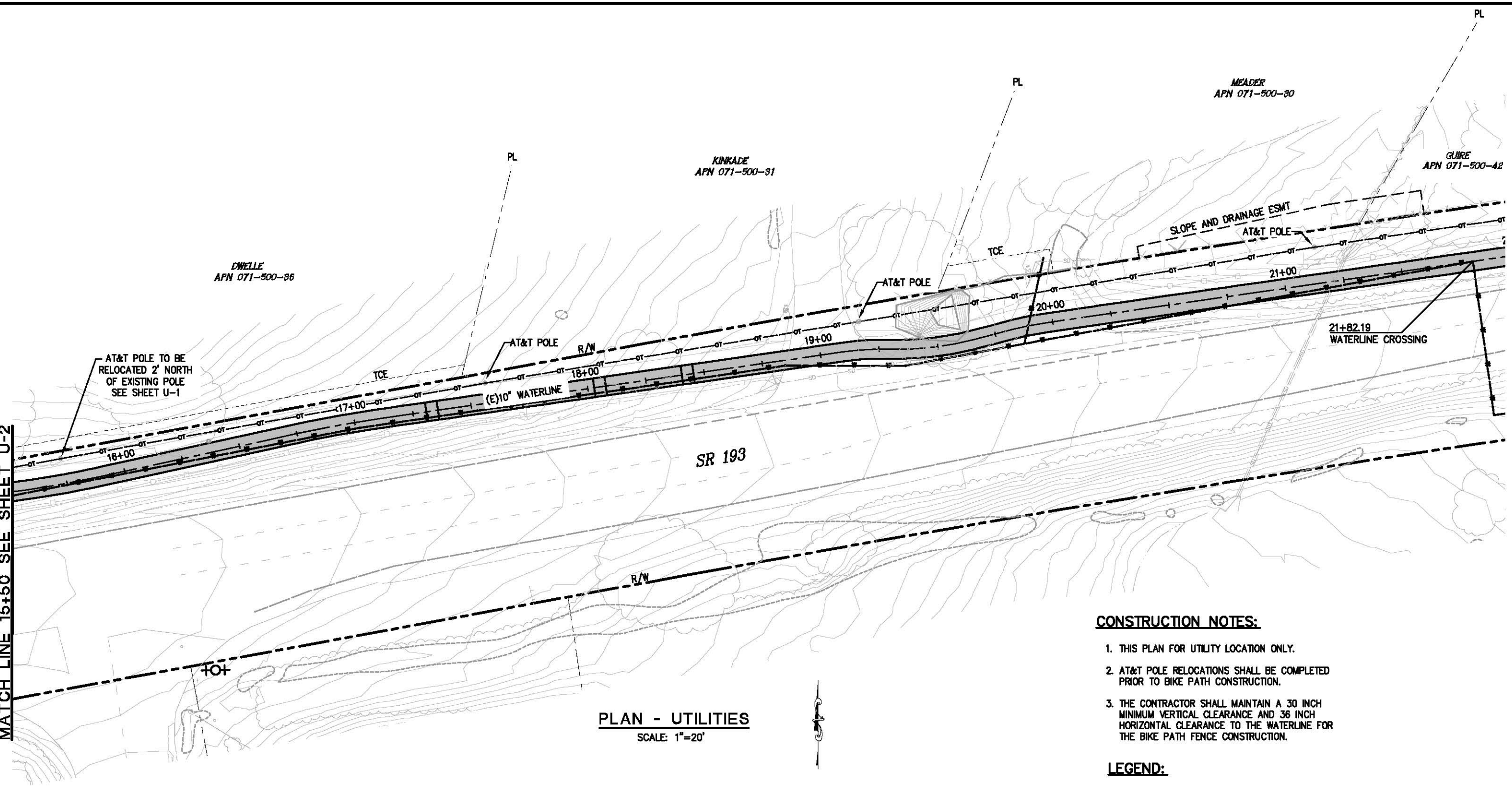
NORTHSIDE SCHOOL CLASS 1 BIKE PATH - PHASE 1 (SR193)

UTILITY PLAN
 SCALE : AS NOTED

SHEET
 U-2
 26 OF 33
 W.O. No. 72304

ORIGINAL SCALE IS IN INCHES
 Drawing name: C:\Civil 3D Projects\72304 Northside School BikeTrail\CADD Files\Sheets U-3.dwg Layout Tab: U-3 May 09, 2013 - 9:57am SMCvey
 FOR REDUCED PLANS
 2
 1
 0

MATCH LINE 15+50 SEE SHEET U-2



PLAN - UTILITIES
SCALE: 1"=20'

CONSTRUCTION NOTES:

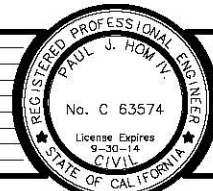
1. THIS PLAN FOR UTILITY LOCATION ONLY.
2. AT&T POLE RELOCATIONS SHALL BE COMPLETED PRIOR TO BIKE PATH CONSTRUCTION.
3. THE CONTRACTOR SHALL MAINTAIN A 30 INCH MINIMUM VERTICAL CLEARANCE AND 36 INCH HORIZONTAL CLEARANCE TO THE WATERLINE FOR THE BIKE PATH FENCE CONSTRUCTION.

LEGEND:

- EXISTING 10 INCH WATERLINE
- EXISTING OVERHEAD TELEPHONE LINES

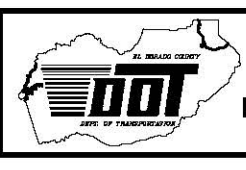
UTILITY PLAN
SCALE : AS SHOWN

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
Paul J. Hom
 REGISTERED CIVIL ENGINEER
 DATE: 05/08/13

DESIGNED: CG
 DRAWN: RR
 CHECKED: PH
 DATE: 4/2/13
 ROAD NUMBER: SR 193



EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION

**NORTHSIDE SCHOOL CLASS 1 BIKE
PATH - PHASE 1 (SR193)**

SHEET
U-3
27 OF 33
W.O. No. 72304

ORIGINAL SCALE IS IN INCHES
 Drawing name: C:\Civil 3D Projects\72304 Northside School BikePath\CADD Files\Sheets\SC-1.dwg Layout Tab: SC-1 May 09, 2013 10:00am SMC\ey
 FOR REDUCED PLANS
 2
 1
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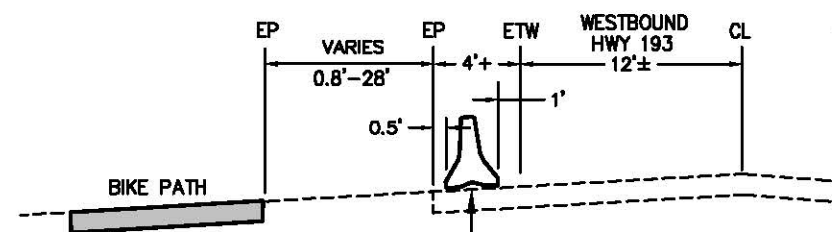
500'-1000' SIGN SPACING PER T-13

GENERAL STAGE CONSTRUCTION NOTE:
 THESE STAGE CONSTRUCTION PLANS ARE INTENDED TO SERVE AS A GUIDELINE IN ESTABLISHING TRAFFIC CONTROL AND CONSTRUCTION STAGING. SOME MODIFICATION OR ALTERATION MAY BE NEEDED TO ACCOMMODATE FIELD CONDITIONS AND TRAFFIC MOVEMENTS. THE CONTRACTOR SHALL OBTAIN PRIOR ENGINEERING APPROVAL IF ANY CHANGES OR DEVIATIONS FROM THESE PLANS ARE PROPOSED.

FLYERS L.L.C.
 APN 071-090-07

DWELLE
 APN 071-500-36

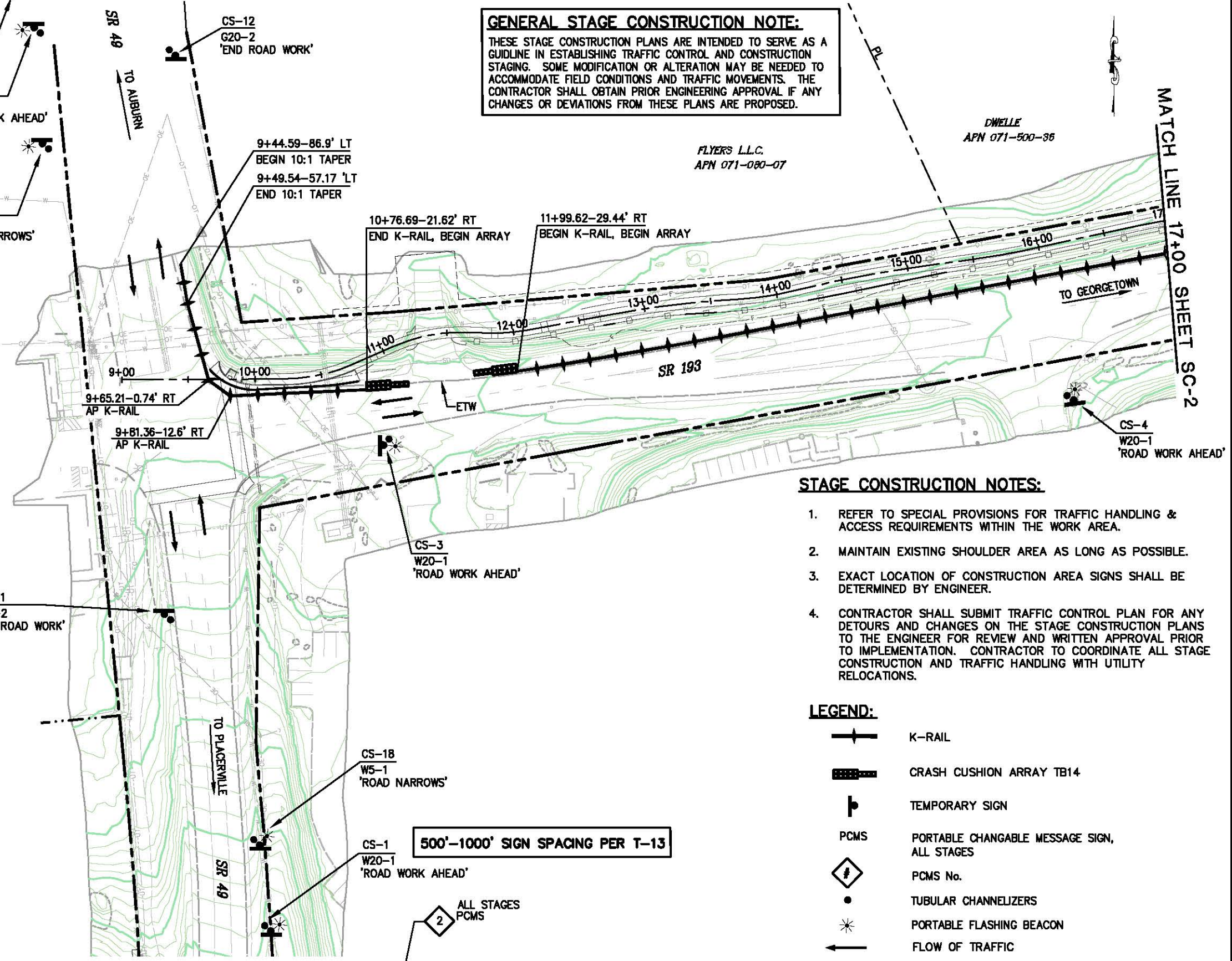
MATCH LINE 17+00 SHEET SC-2



STATION/OFFSET CALLOUTS FOR PLACEMENT ARE TO THE CENTER OF K-RAIL

TYPICAL SECTION
 K-RAIL PLACEMENT-ALL PHASES
 N.T.S.

PCMS No.	FIRST FLASH	SECOND FLASH
1	SLOW	ROAD WORK AHEAD
2	SLOW	ROAD WORK AHEAD
3	SLOW	ROAD WORK AHEAD

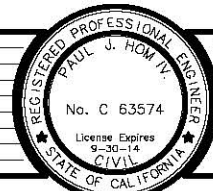


- STAGE CONSTRUCTION NOTES:**
- REFER TO SPECIAL PROVISIONS FOR TRAFFIC HANDLING & ACCESS REQUIREMENTS WITHIN THE WORK AREA.
 - MAINTAIN EXISTING SHOULDER AREA AS LONG AS POSSIBLE.
 - EXACT LOCATION OF CONSTRUCTION AREA SIGNS SHALL BE DETERMINED BY ENGINEER.
 - CONTRACTOR SHALL SUBMIT TRAFFIC CONTROL PLAN FOR ANY DETOURS AND CHANGES ON THE STAGE CONSTRUCTION PLANS TO THE ENGINEER FOR REVIEW AND WRITTEN APPROVAL PRIOR TO IMPLEMENTATION. CONTRACTOR TO COORDINATE ALL STAGE CONSTRUCTION AND TRAFFIC HANDLING WITH UTILITY RELOCATIONS.

- LEGEND:**
- K-RAIL
 - CRASH CUSHION ARRAY TB14
 - TEMPORARY SIGN
 - PCMS PORTABLE CHANGABLE MESSAGE SIGN, ALL STAGES
 - PCMS No.
 - TUBULAR CHANNELIZERS
 - PORTABLE FLASHING BEACON
 - FLOW OF TRAFFIC
 - CS CONSTRUCTION SIGN NUMBER

PLAN - BIKE PATH

STAGE CONSTRUCTION
 SCALE : 1" = 40'



PREPARED UNDER THE SUPERVISION OF:
Paul J. Hom
 REGISTERED CIVIL ENGINEER
 DATE: 05/08/13

DESIGNED: CG
 DRAWN: RR
 CHECKED: PH
 DATE: 4/2/13
 ROAD NUMBER: SR 193

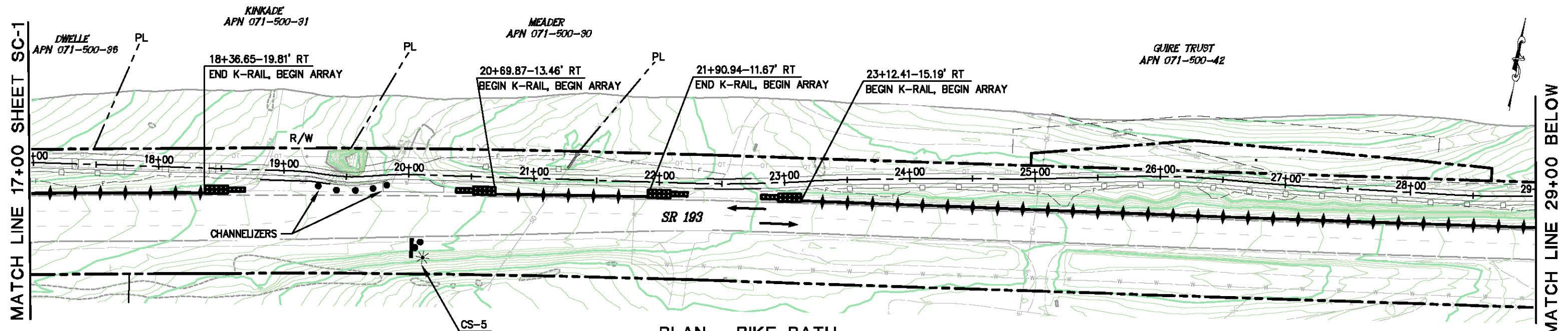


EL DORADO COUNTY
 DEPARTMENT OF TRANSPORTATION

NORTHSIDE SCHOOL CLASS I BIKE
 PATH - PHASE 1 (SR193)

SHEET
 SC-1
 28 OF 33
 W.O. No. 72304

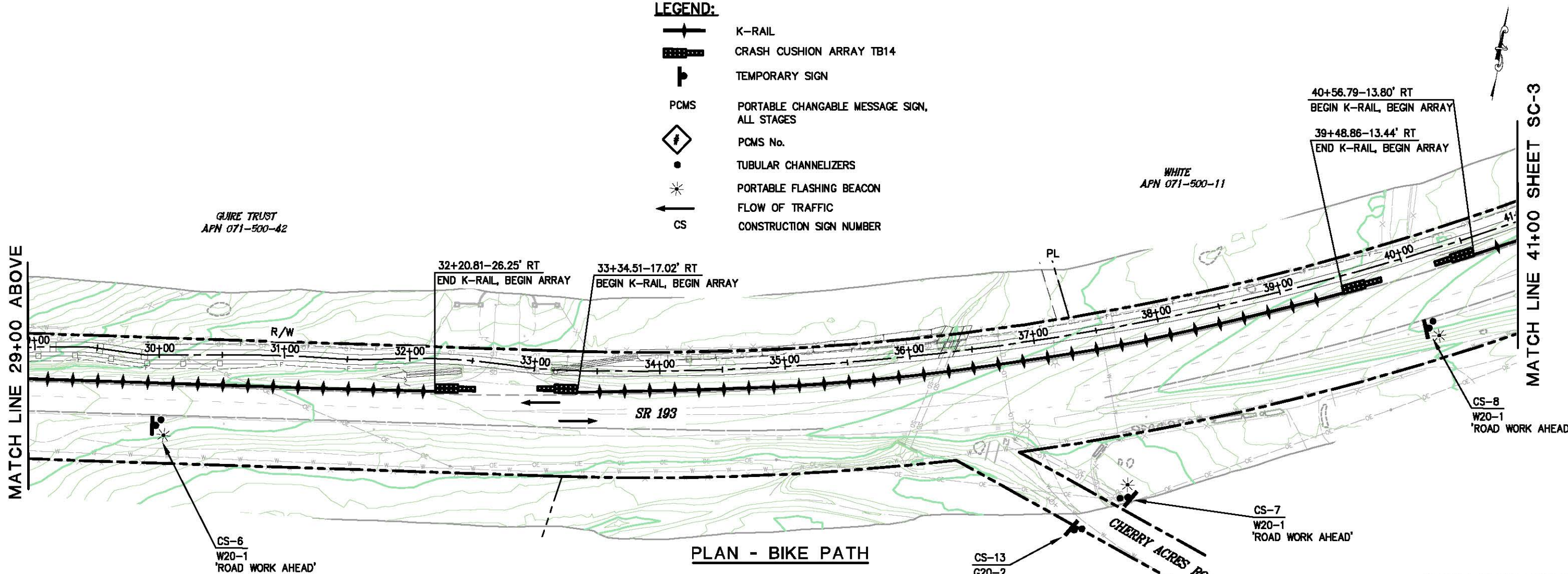
ORIGINAL SCALE: 1/8" = 1' IN INCHES
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 FOR REDUCED PLANS



PLAN - BIKE PATH

LEGEND:

- K-RAIL
- CRASH CUSHION ARRAY TB14
- TEMPORARY SIGN
- PCMS
- PCMS No.
- TUBULAR CHANNELIZERS
- PORTABLE FLASHING BEACON
- FLOW OF TRAFFIC
- CS

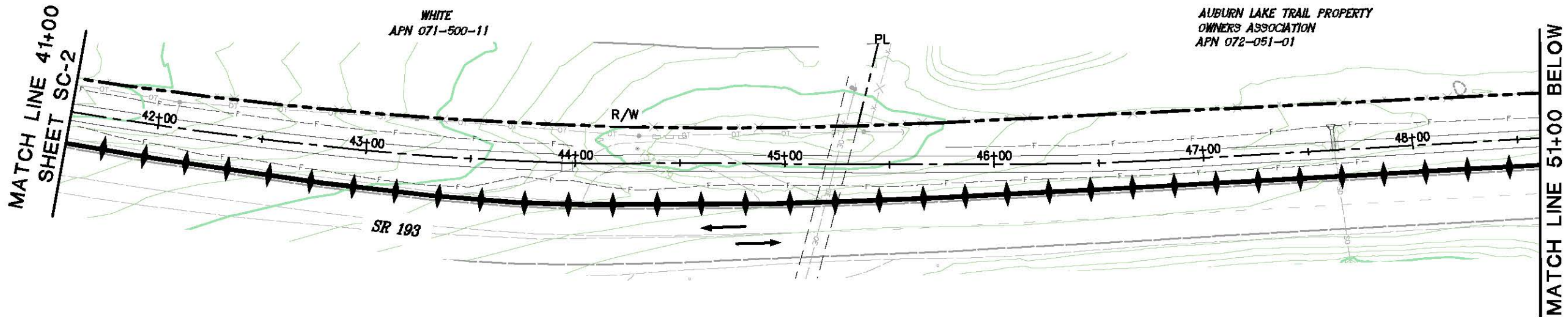


PLAN - BIKE PATH

STAGE CONSTRUCTION
SCALE: 1" = 40'

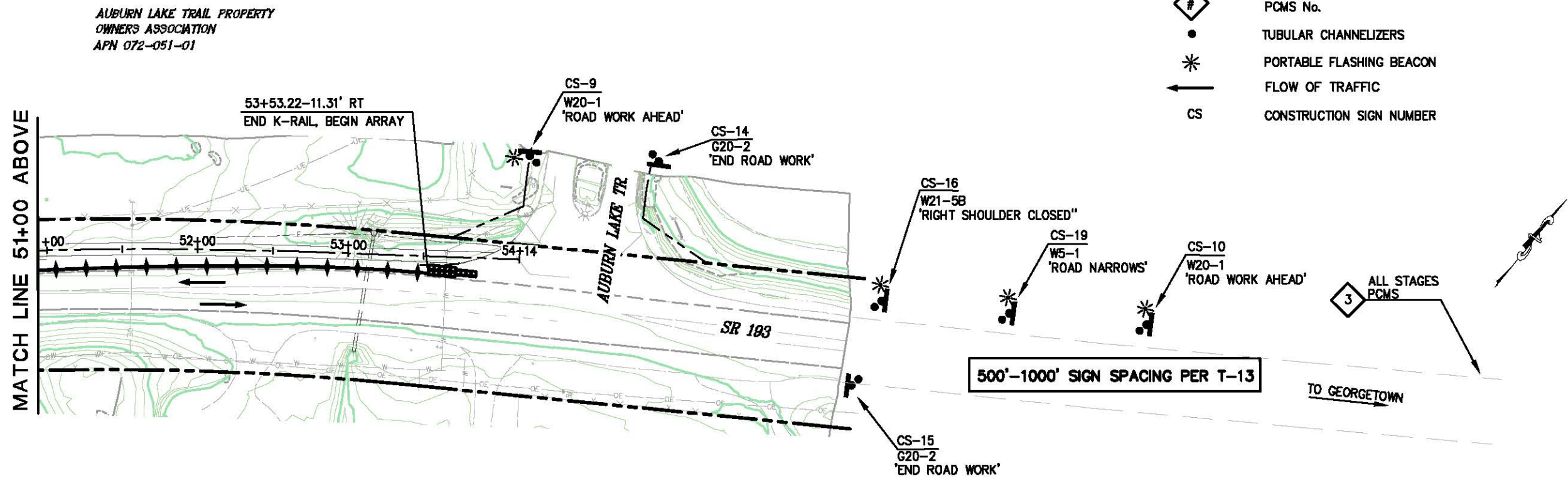
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 5%;">REVISION</th> <th style="width: 10%;">NUMBER</th> <th style="width: 10%;">DATE</th> <th style="width: 45%;">DESCRIPTION</th> <th style="width: 30%;">BY</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>	REVISION	NUMBER	DATE	DESCRIPTION	BY							PREPARED UNDER THE SUPERVISION OF: REGISTERED CIVIL ENGINEER DATE: 05/08/13	DESIGNED: CG DRAWN: RR CHECKED: PH DATE: 4/2/13 ROAD NUMBER: SR 193		EL DORADO COUNTY DEPARTMENT OF TRANSPORTATION	NORTHSIDE SCHOOL CLASS I BIKE PATH - PHASE 1 (SR193)	SHEET SC-2 29 OF 33 W.O. No. 72304
REVISION	NUMBER	DATE	DESCRIPTION	BY													

ORIGINAL SCALE: 1/8" = 10' IN INCHES
 Drawing name: C:\Civil 3D Projects\72304 Northside School BikeTrail\CADD Files\Sheets\SC-3.dwg Layout Tab: SC-3 May 09, 2013 - 10:18am SMeVey
 FOR REDUCED PLANS



PLAN - BIKE PATH

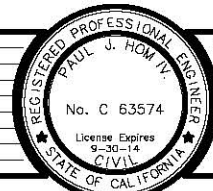
- LEGEND:**
- K-RAIL
 - CRASH CUSHION ARRAY TB14
 - TEMPORARY SIGN
 - PCMS PORTABLE CHANGABLE MESSAGE SIGN, ALL STAGES
 - PCMS No.
 - TUBULAR CHANNELIZERS
 - PORTABLE FLASHING BEACON
 - FLOW OF TRAFFIC
 - CS CONSTRUCTION SIGN NUMBER



PLAN - BIKE PATH

STAGE CONSTRUCTION
SCALE: 1" = 40'

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
Paul J. Hom
 REGISTERED CIVIL ENGINEER
 DATE: 05/08/13

DESIGNED: CG
 DRAWN: RR
 CHECKED: PH
 DATE: 4/2/13
 ROAD NUMBER: SR 193



EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION

NORTHSIDE SCHOOL CLASS I BIKE
PATH - PHASE 1 (SR193)

SHEET
SC-3
30 OF 33
W.O. No. 72304

TEMPORARY RAIL	
TYPE K SHALL INCLUDE TOP MOUNTED REFLECTORS	
LOCATION—ALONG SR 193	L.F.
STA 9+44.59—86.90' LT TO STA 10+76.69—21.62' RT	213
STA 11+99.62—29.44' RT TO STA 18+36.65—19.81' RT	397
STA 20+69.87—13.46' RT TO STA 21+90.94—11.67' RT	121
STA 23+12.41—15.19' RT TO STA 32+20.81—26.25' RT	906
STA 33+34.51—17.02' RT TO STA 39+48.86—13.44' RT	619
STA 40+56.79—13.80' RT TO STA 53+53.22—11.31' RT	1301
TOTAL	3557

TEMPORARY CHANNELIZERS	
TUBULAR CHANNELIZERS	
LOCATION—ALONG EP, SR 193	L.F.
19+25—19+75	50

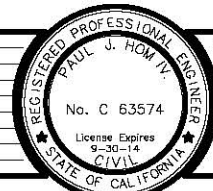
TEMPORARY CRASH CUSHIONS			
ARRAY TB14 PER TIB			
LOCATION	SR 193	ARRAY EA.	MODULE EA.
STA 10+76.69 RT		1	14
STA 11+99.62 RT		1	14
STA 18+36.65 RT		1	14
STA 20+69.87 RT		1	14
STA 21+90.94 RT		1	14
STA 23+12.41 RT		1	14
STA 32+20.81 RT		1	14
STA 33+34.51 RT		1	14
STA 39+48.86 RT		1	14
STA 40+56.79 RT		1	14
STA 53+53.22 RT		1	14
TOTAL		11	154

CONSTRUCTION AREA SIGNS						
SIGN NO.	CONSTRUCTION STAGE	SIGN	CODE	PANEL SIZE INCHES	POST SIZE & LENGTH	INSTALL EA.
CS-1	ALL	ROAD WORK AHEAD	W20-1	36 x 36	4x4x12	1
CS-2	ALL	ROAD WORK AHEAD	W20-1	36 x 36	4x4x12	1
CS-3	ALL	ROAD WORK AHEAD	W20-1	36 x 36	4x4x12	1
CS-4	ALL	ROAD WORK AHEAD	W20-1	36 x 36	4x4x12	1
CS-5	ALL	ROAD WORK AHEAD	W20-1	36 x 36	4x4x12	1
CS-6	ALL	ROAD WORK AHEAD	W20-1	36 x 36	4x4x12	1
CS-7	ALL	ROAD WORK AHEAD	W20-1	36 x 36	4x4x12	1
CS-8	ALL	ROAD WORK AHEAD	W20-1	36 x 36	4x4x12	1
CS-9	ALL	ROAD WORK AHEAD	W20-1	36 x 36	4x4x12	1
CS-10	ALL	ROAD WORK AHEAD	W20-1	36 x 36	4x4x12	1
CS-11	ALL	END ROAD WORK	G20-2	36 x 18	4x4x12	1
CS-12	ALL	END ROAD WORK	G20-2	36 x 18	4x4x12	1
CS-13	ALL	END ROAD WORK	G20-2	36 x 18	4x4x12	1
CS-14	ALL	END ROAD WORK	G20-2	36 x 18	4x4x12	1
CS-15	ALL	END ROAD WORK	G20-2	36 x 18	4x4x12	1
CS-16	ALL	RIGHT SHOULDER CLOSED	W21-5B	36 x 36	4x4x12	1
CS-17	ALL	ROAD NARROWS	W5-1	36 x 36	4x4x12	1
CS-18	ALL	ROAD NARROWS	W5-1	36 x 36	4x4x12	1
CS-19	ALL	ROAD NARROWS	W5-1	36 x 36	4x4x12	1

GENERAL STAGE CONSTRUCTION NOTE:
 THESE STAGE CONSTRUCTION PLANS ARE INTENDED TO SERVE AS A GUIDELINE IN ESTABLISHING TRAFFIC CONTROL AND CONSTRUCTION STAGING. SOME MODIFICATION OR ALTERATION MAY BE NEEDED TO ACCOMMODATE FIELD CONDITIONS AND TRAFFIC MOVEMENTS. THE CONTRACTOR SHALL OBTAIN PRIOR ENGINEERING APPROVAL IF ANY CHANGES OR DEVIATIONS FROM THESE PLANS ARE PROPOSED.

STAGE CONSTRUCTION SIGNS

ORIGINAL SCALE IS IN INCHES
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 FOR REDUCED PLANS
 0 1 2



PREPARED UNDER THE SUPERVISION OF:
Paul J. Hom
 REGISTERED CIVIL ENGINEER
 DATE: 05/08/13

DESIGNED: CG
 DRAWN: RR
 CHECKED: PH
 DATE: 4/2/13
 ROAD NUMBER: SR 193

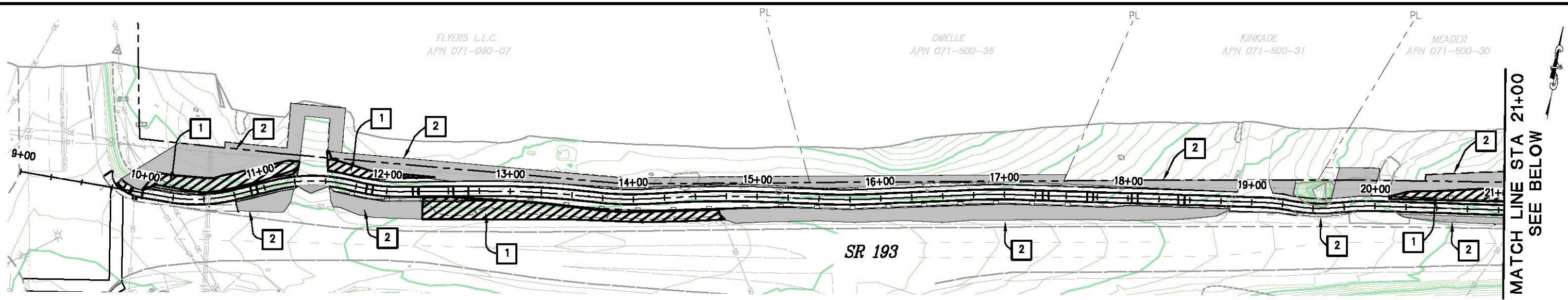


EL DORADO COUNTY
 DEPARTMENT OF TRANSPORTATION

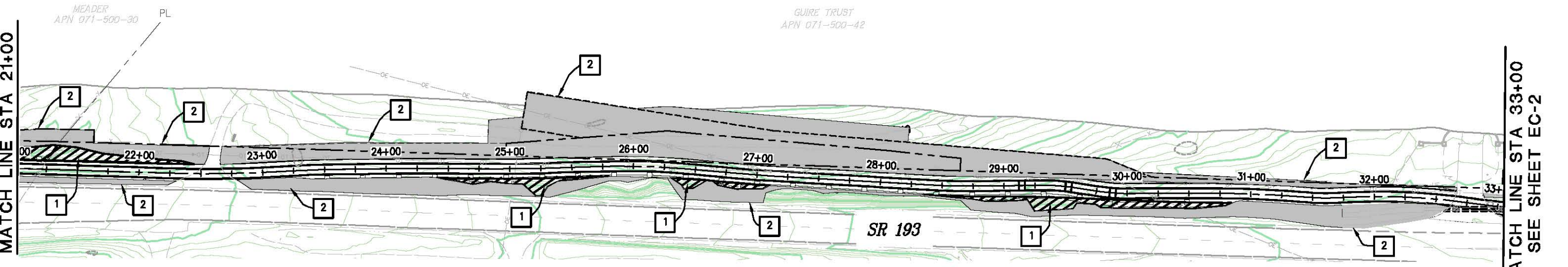
NORTHSIDE SCHOOL CLASS I BIKE
 PATH - PHASE 1 (SR193)

SHEET
 SC-4
 31 OF 33
 W.O. No. 72304

ORIGINAL SCALE IS IN INCHES
Drawing name: C:\Civil 3D\Projects\72304 Northside School BikeTrail\CADD Files\Sheets\EC-1.dwg Layout Tab: EC-1 May 09, 2013 10:22am SMC\yey



PLAN - BIKE PATH
STATION 10+00 TO 21+00



PLAN - BIKE PATH
STATION 21+00 TO 33+00

GENERAL NOTE:

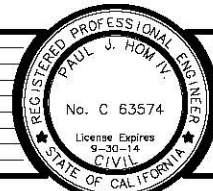
- SEE SECTION 21 OF THE SPECIAL PROVISIONS FOR SEED SPECIFICATIONS AND HYDROSEED APPLICATION RATES

LEGEND

- | | | |
|---|---|--|
| 1 | CUT/FILL SLOPES 2:1 OR STEEPER, ROLLED EROSION CONTROL PRODUCT (BLANKET) TYPE A WITH HYDROSEED.
TOTAL AREAS
10,496 S.F., 0.23 Ac. | |
| 2 | SLOPES FLATTER THAN 2:1, HYDROSEED ONLY
TOTAL AREAS
84,488 S.F., 1.9 Ac. | |

EROSION CONTROL PLAN
SCALE : 1" = 40'

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
Paul J. Hom
REGISTERED CIVIL ENGINEER
DATE: 05/08/13

DESIGNED: CG
DRAWN: RR
CHECKED: PH
DATE: 4/2/13
ROAD NUMBER: SR 193

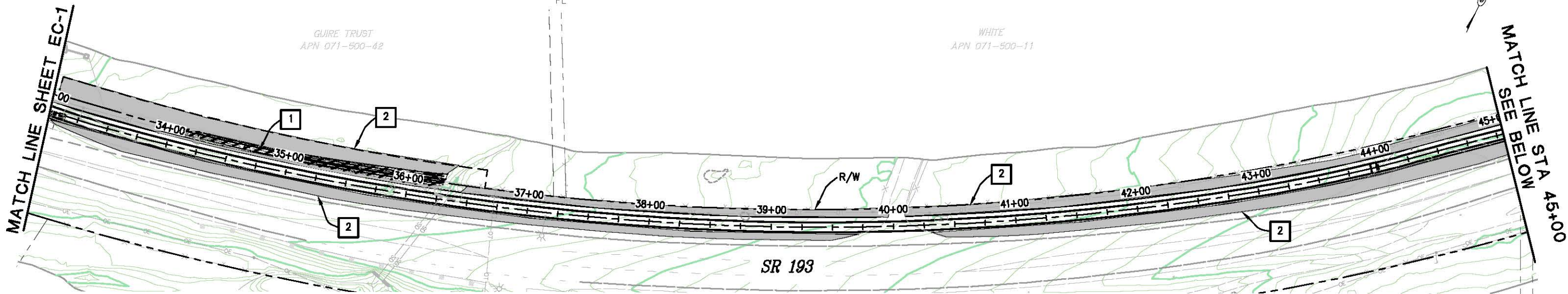


EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION

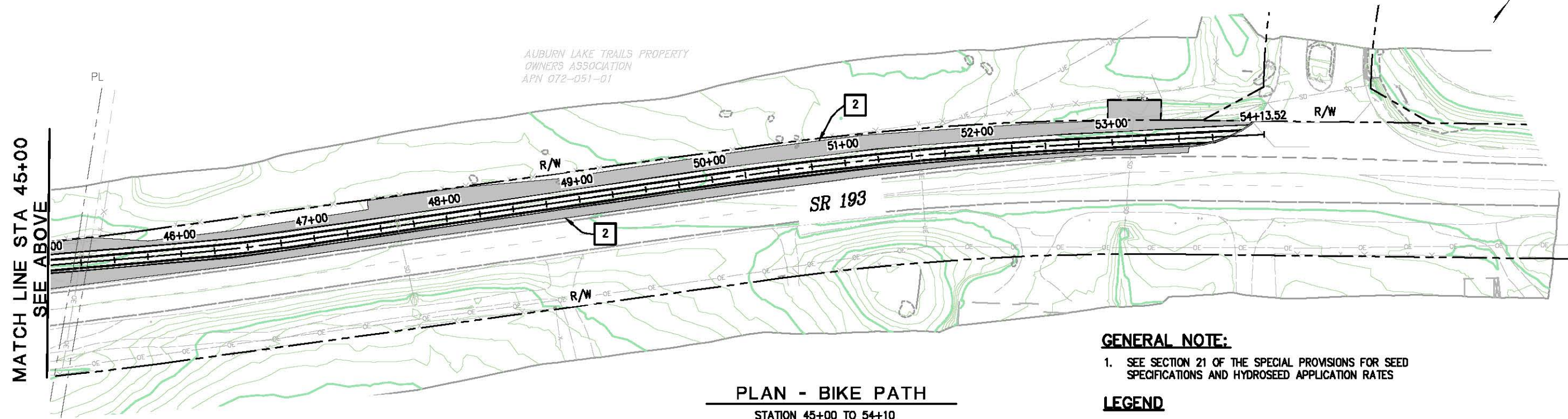
**NORTHSIDE SCHOOL CLASS I BIKE
PATH - PHASE 1 (SR193)**

SHEET
EC-1
32 OF 33
W.O. No. 72304

ORIGINAL SCALE IS IN INCHES
 Drawing name: C:\Civil 3D\Projects\72304 Northside School BikeTrail\CADD\Files\Sheets\EC-2.dwg Layout Tab: EC-2 May 09, 2013 10:30am SMC\vey



PLAN - BIKE PATH
STATION 33+00 TO 45+00



PLAN - BIKE PATH
STATION 45+00 TO 54+10

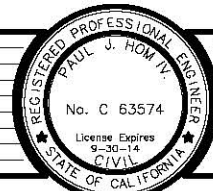
GENERAL NOTE:
1. SEE SECTION 21 OF THE SPECIAL PROVISIONS FOR SEED SPECIFICATIONS AND HYDROSEED APPLICATION RATES

LEGEND

1	CUT/FILL SLOPES 2:1 OR STEEPER, ROLLED EROSION CONTROL PRODUCT (BLANKET) TYPE A WITH HYDROSEED	
2	SLOPES FLATTER THAN 2:1, HYDROSEED ONLY	

EROSION CONTROL PLAN
SCALE : 1" = 40'

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
Paul J. Hom
 REGISTERED CIVIL ENGINEER
 DATE: 05/08/13

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EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION

NORTHSIDE SCHOOL CLASS I BIKE
PATH - PHASE 1 (SR193)

SHEET
EC-2
33 OF 33
W.O. No. 72304