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STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
PROJECT PLANS FOR CONSTRUCTION ON
STATE HIGHWAY 193

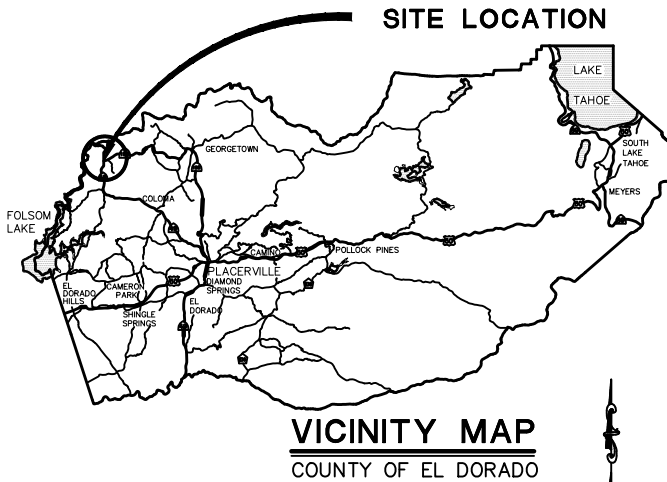
IN THE COUNTY OF EL DORADO, DISTRICT 4, COOL, CA
SR49/SR193 INTERSECTION TO AMERICAN RIVER TRAIL

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



The state of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet



Paul J. Horn
Project ENGINEER
Registered Civil Engineer



05/08/13

Plans Approved Date

FED. PROJECT SRTSL 5925(070)

PW# 11-30628

CU EA 03-2E4801

ADOPTED AND APPROVED BY:
RON V. BRIGGS
CHAIR, EL DORADO COUNTY BOARD OF SUPERVISORS
APPROVED BY: Kimberly A. Kerr
KIMBERLY A. KERR
INTERIM DIRECTOR, EL DORADO COUNTY DEPARTMENT OF TRANSPORTATION
MATTHEW D. SMELTZER P.E. NO. 056832
DEPUTY DIRECTOR OF ENGINEERING, EL DORADO COUNTY DEPARTMENT OF TRANSPORTATION
1-2-14
Board date 5-21-13
1/2/14
12/31/13

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)

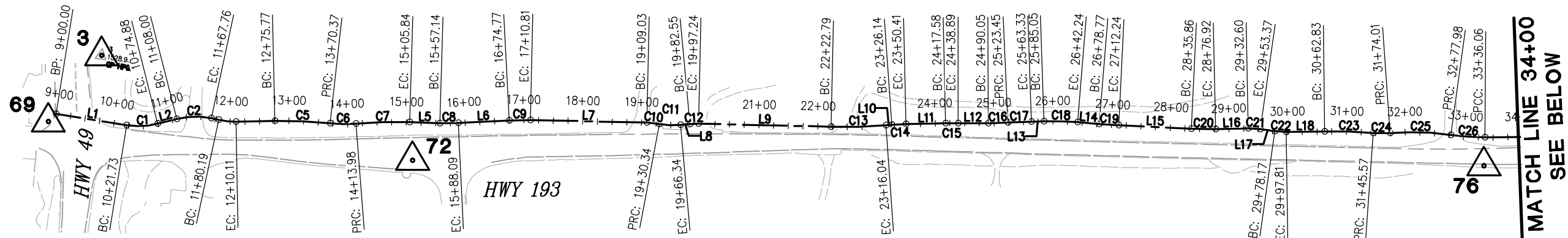
TITLE SHEET

SHEET 1 OF 33

2 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 SMCvey

FOR REDUCED PLANS

0 1 2



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.

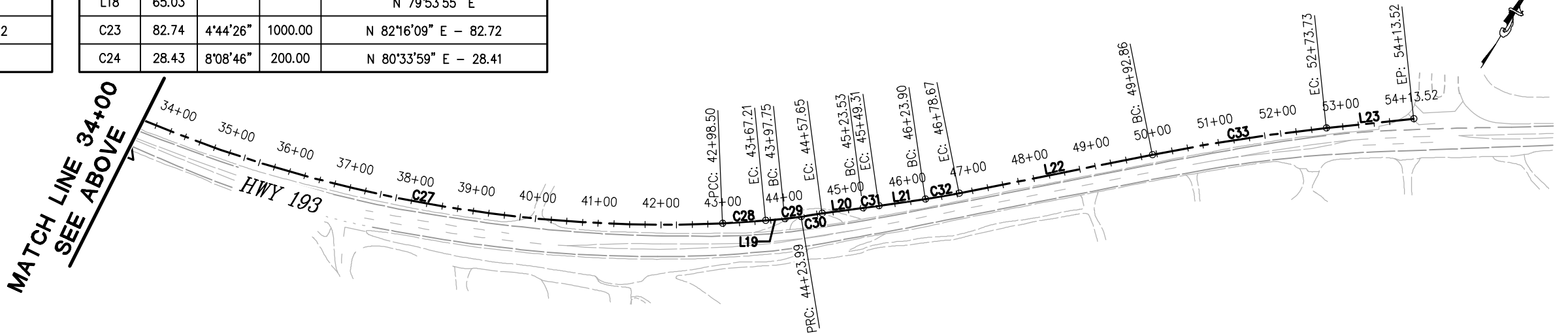
HORIZONTAL DATUM

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

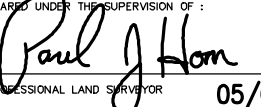
MATCH LINE 34+00
SEE ABOVE



SURVEY CONTROL DIAGRAM
SCALE : 1" = 100'

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF :

PROFESSIONAL LAND SURVEYOR
05/08/13
DATE:

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



EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION

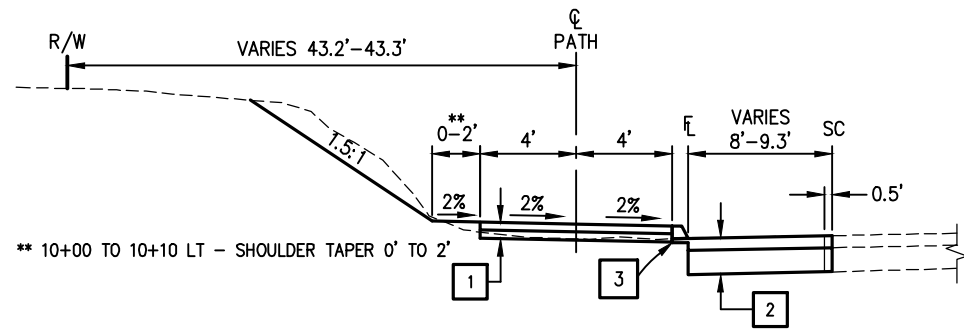
NORTHSIDE SCHOOL CLASS 1 BIKE
PATH - PHASE 1 (SR193)

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

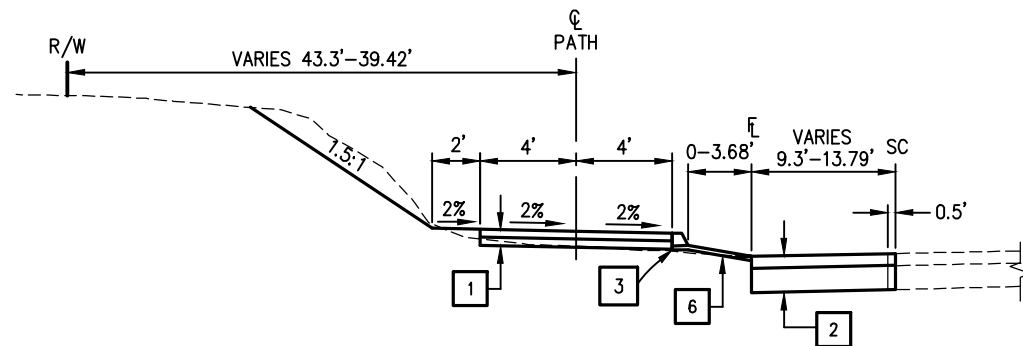
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ORIGINAL SCALE IS IN INCHES

FOR REDUCED PLANS



10+00 TO 10+53.94



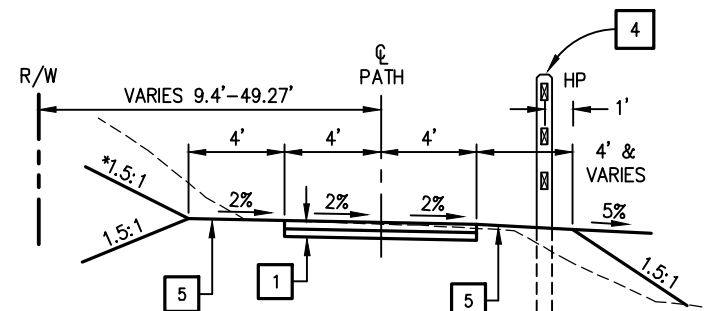
10+53.94 TO 10+74.88

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'

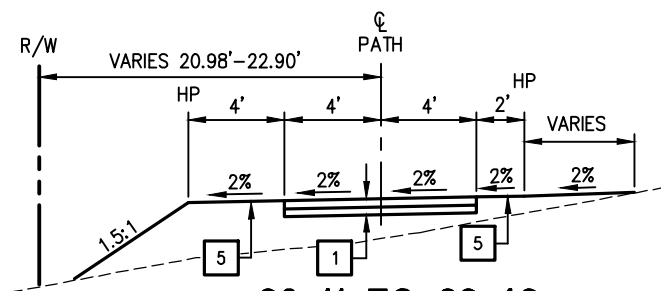
DRIVEWAY

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:

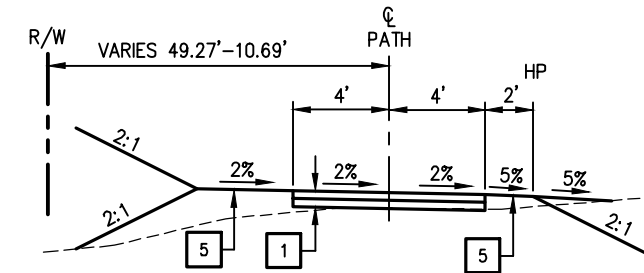
- SEE C-SHEETS FOR DRIVEWAY CROSSINGS.
- STA 10+00-21+82, SEE U-SHEETS FOR UNDERGROUND WATERLINE LOCATION. THE CONTRACTOR SHALL MAINTAIN A 30 INCH VERTICAL CLEARANCE AND 36 INCH HORIZONTAL CLEARANCE TO THE WATERLINE FOR THE BIKE PATH FENCE CONSTRUCTION.
- INSTALL ROLLED EROSION CONTROL PRODUCT (BLANKET)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

CONSTRUCTION NOTES:

- 0.33' HOT MIX ASPHALT (TYPE A) OVER 0.33' AB (CLASS 2)
- 0.5' HOT MIX ASPHALT (TYPE A) OVER 1.5' AB (CLASS 2)
- STATION 10+00 TO 10+70 FINAL LIFT OF HMA SHALL BE EXTENDED THE FULL WIDTH OF DIKE (TYPE A)
- 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.
- SUBGRADE COMPACTED TO 90% (0.5' DEPTH MAX UNDER SHOULDER)
- 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

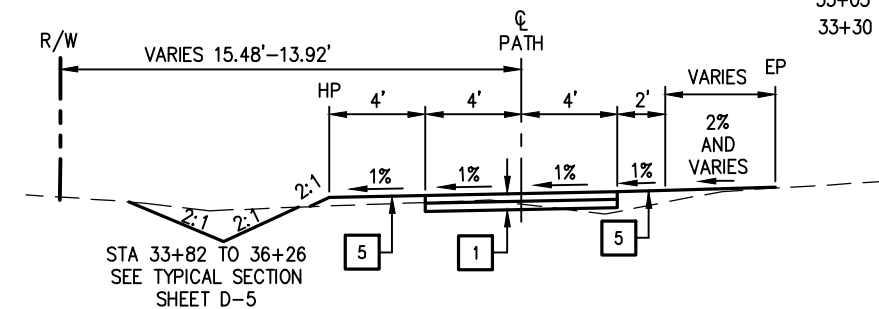
PATH CROSS SLOPE TRANSITION

SHOULDERS TRANSITION WITH AC PATH

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

DRIVEWAY

STA 32+62-32+90

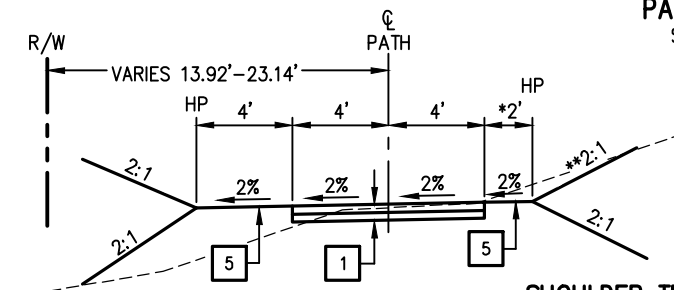


33+30 TO 36+00

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

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

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

TYPICAL SECTIONS

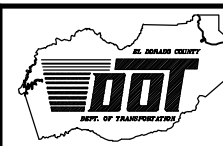
SCALE : N.T.S.

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: 4/26/13
ROAD NUMBER: SR 193

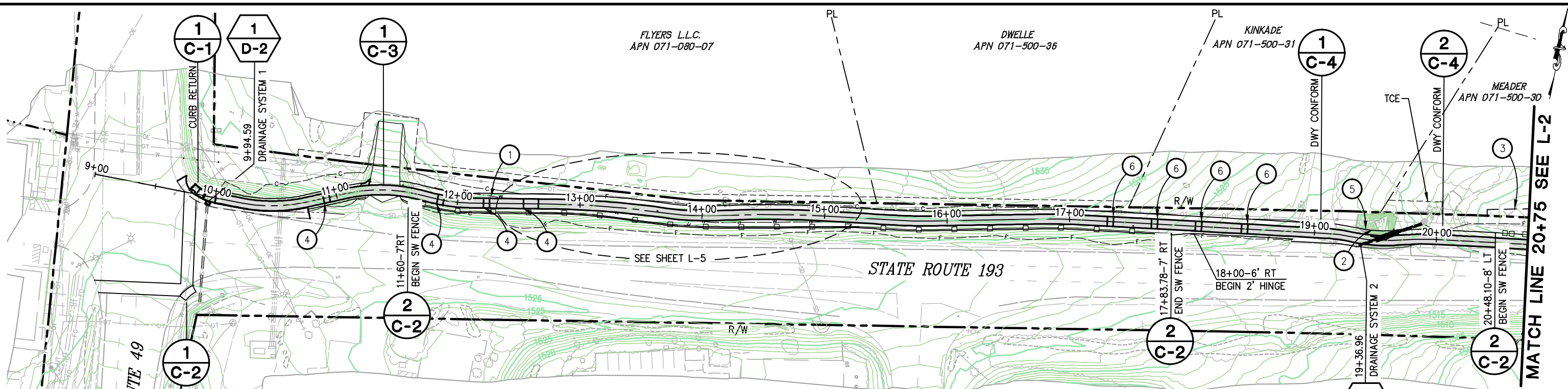


EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION

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

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

FOR REDUCED PLANS
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 Jul 19, 2013 -- 11:28am S:\cvey



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:

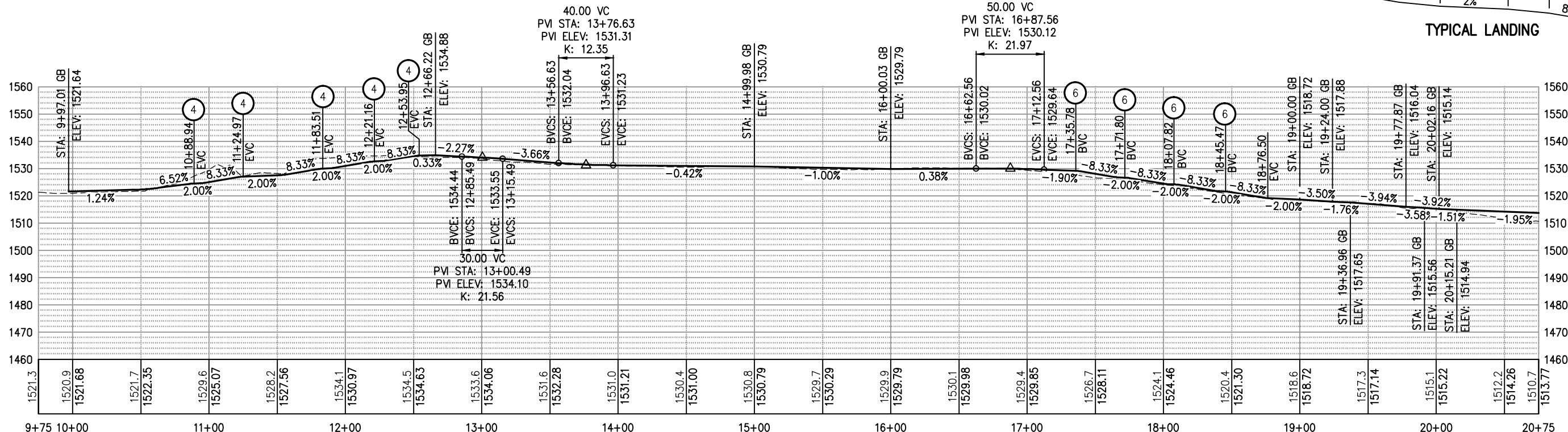
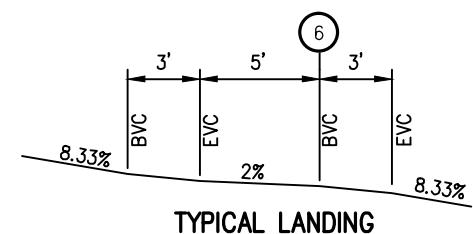
— — SIMULATED WOOD FENCE, SEE SHEET C-2.

CONSTRUCTION NOTES:

- 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
05/08/13
DATE:

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

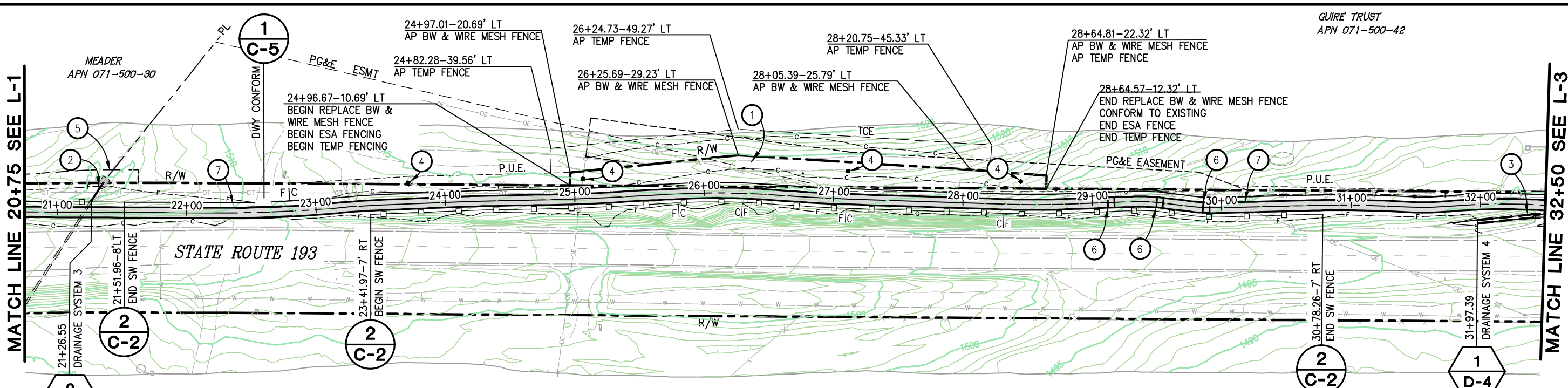


EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION

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

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

ORIGINAL SCALE IS IN INCHES
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FOR REDUCED PLANS



GUIRE TRUST
APN 071-500-42

CONSTRUCTION NOTES:

SEE SHEET X-1 FOR SHOULDER TRANSITION STA/OFFSETS

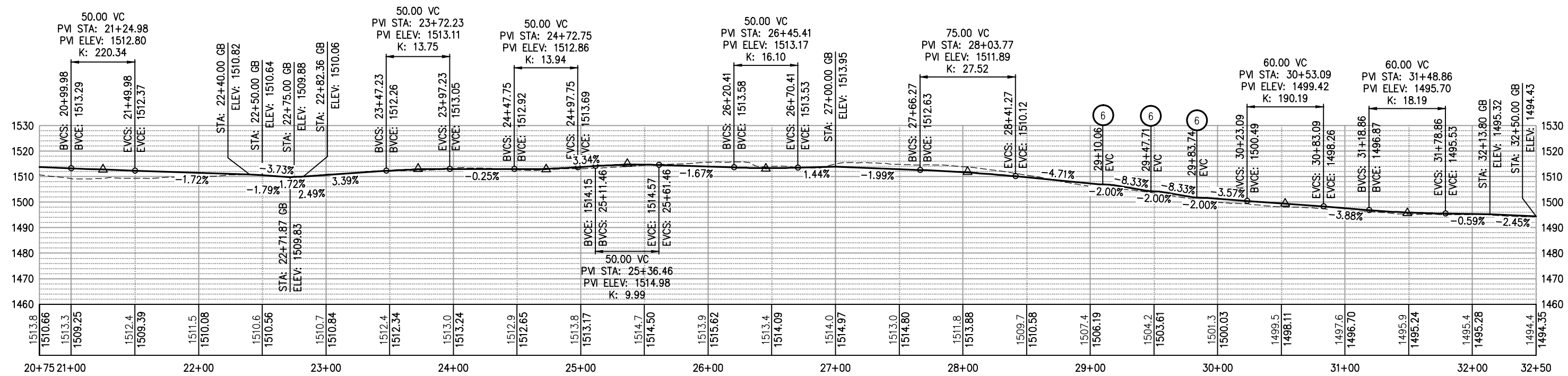
- ① — EXISTING DRIVEWAY TO BE RELOCATED PARALLEL WITH RIGHT-OF-WAY ON EXSITING GRADE. SEE SHEET C-8
- ② — CULVERT EXTENSION, SEE SHEET D-3 SYSTEM 3.
- ③ — CULVERT REPLACEMENT, SEE SHEET D-4 SYSTEM 4.
- ④ — UTILITY POLE RELOCATION, SEE SHEET U-1.
- ⑤ — DRAINAGE EASEMENT, SEE SHEET D-3. PLACE TEMP FENCE 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:

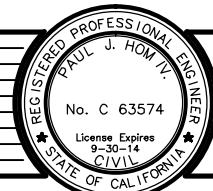
□—□ SIMULATED WOOD FENCE, SEE SHEET C-2

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

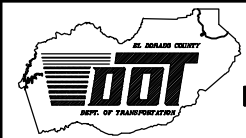


PLAN & PROFILE
SCALE : 1"=40' H, 1"=20' V



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

DESIGNED: CG
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)

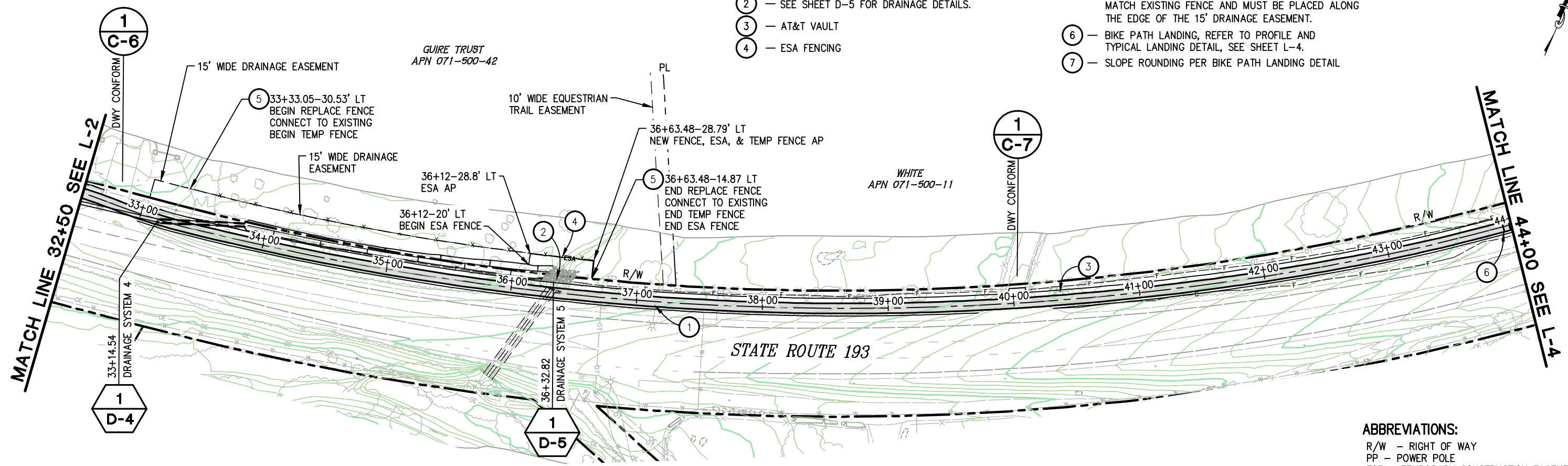
SHEET
L-2
5 OF 33
W.O. No. 72304

ORIGINAL SCALE IS IN INCHES
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FOR REDUCED PLANS
2
1
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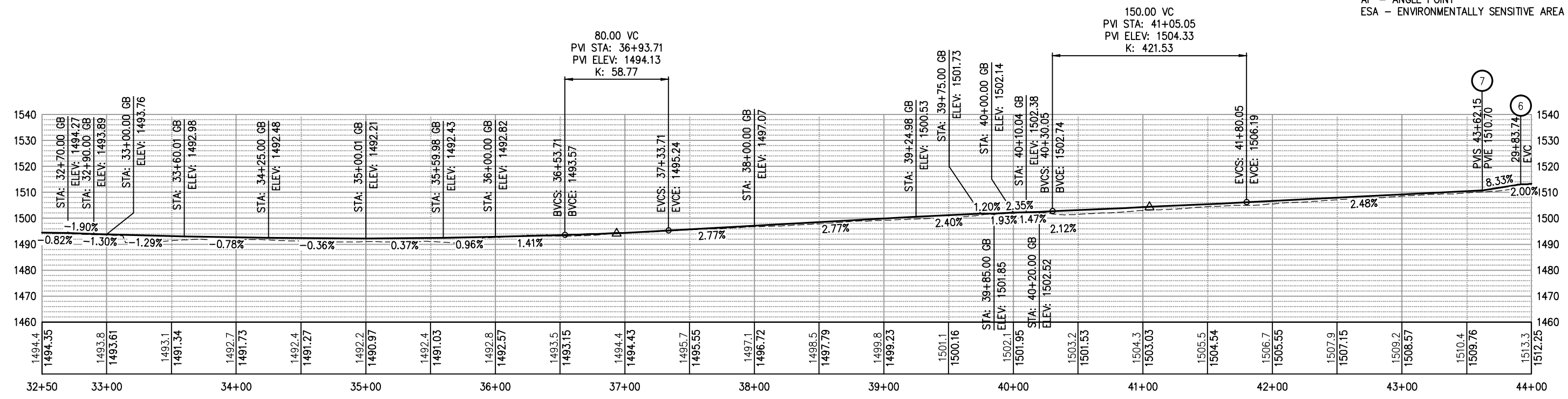
CONSTRUCTION NOTES:

- 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

REGISTERED PROFESSIONAL ENGINEER
PAUL J. HOM IV
No. C 63574
License Expires 9-30-14
CIVIL
STATE OF CALIFORNIA

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

DESIGNED: CG
CHECKED: PH
ROAD NUMBER: SR 193

DRAWN: RR
DATE: 05/02/13

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



REVISION



PREPARED UNDER THE SUPERVISION OF :

 REGISTERED CIVIL ENGINEER
 DATE: 05/08/13

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

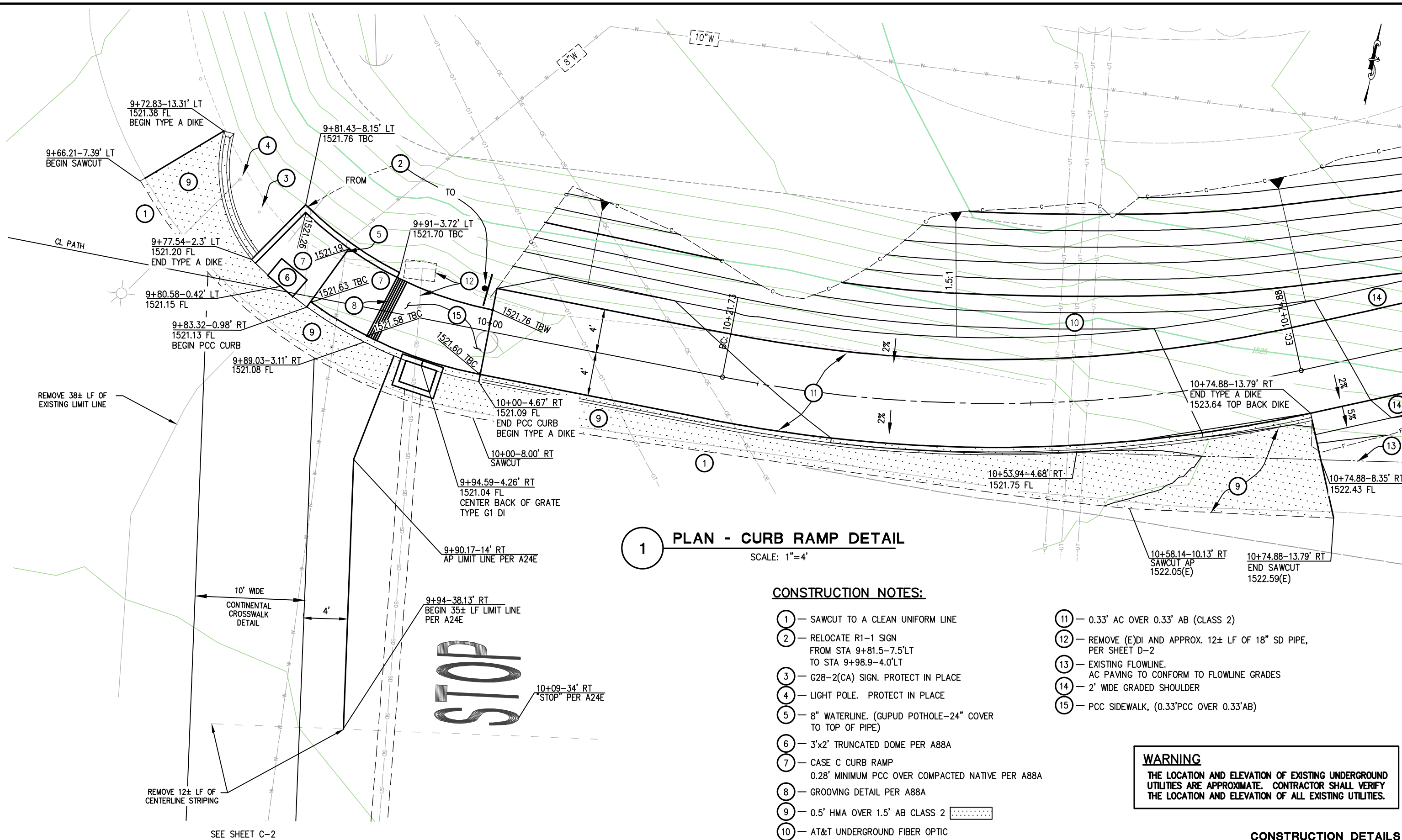


EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION

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

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

ORIGINAL SCALE IS IN INCHES
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FOR REDUCED PLANS
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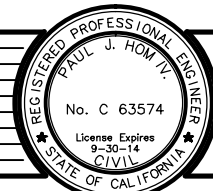
1 PLAN - CURB RAMP DETAIL
SCALE: 1"=4'

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 POTHOLES-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'



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

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

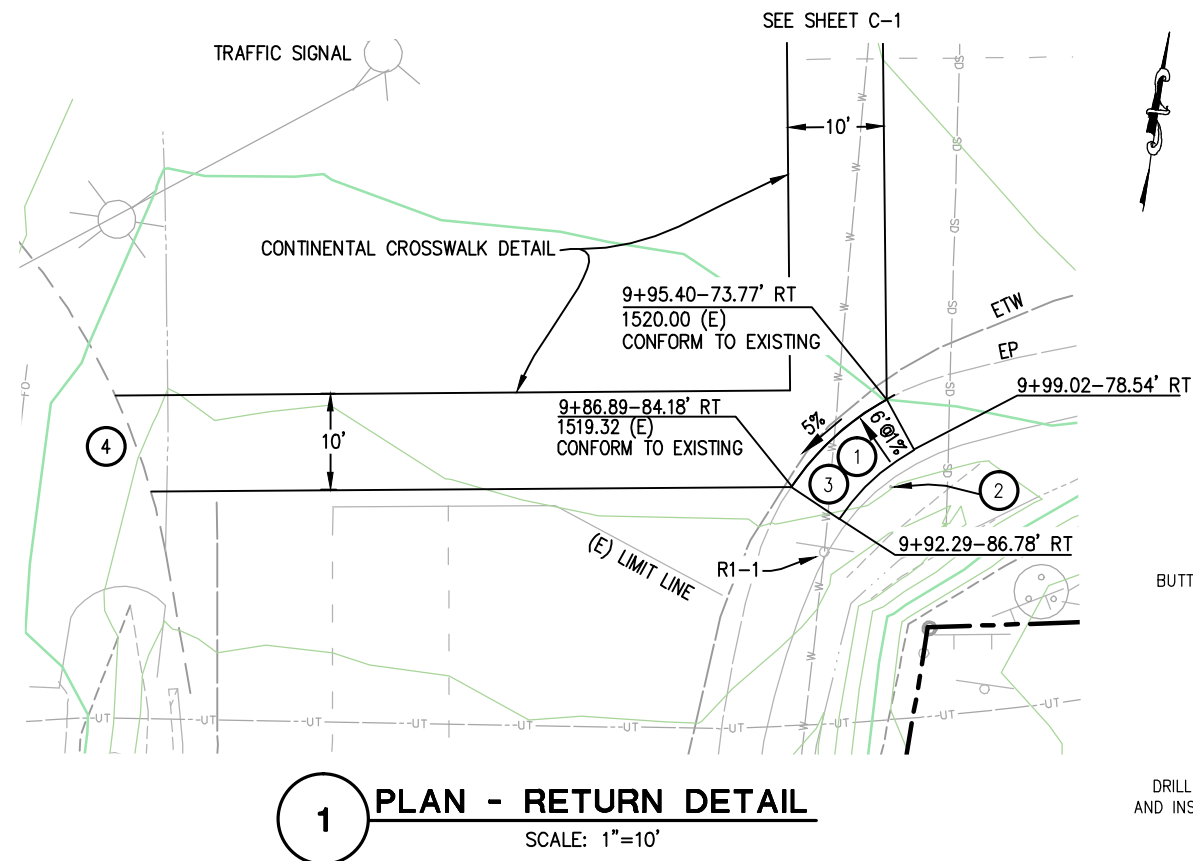


EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION

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

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

REVISION	NUMBER	DATE	DESCRIPTION	BY

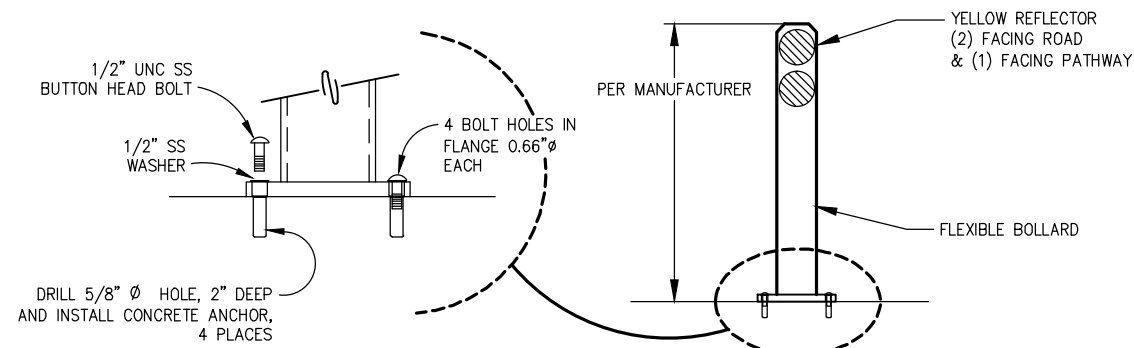


GENERAL NOTES:

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.

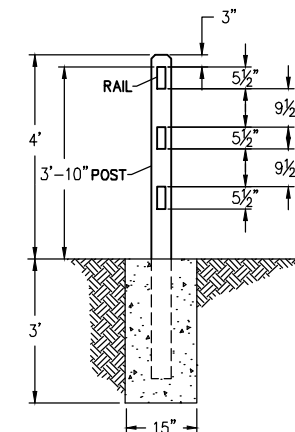
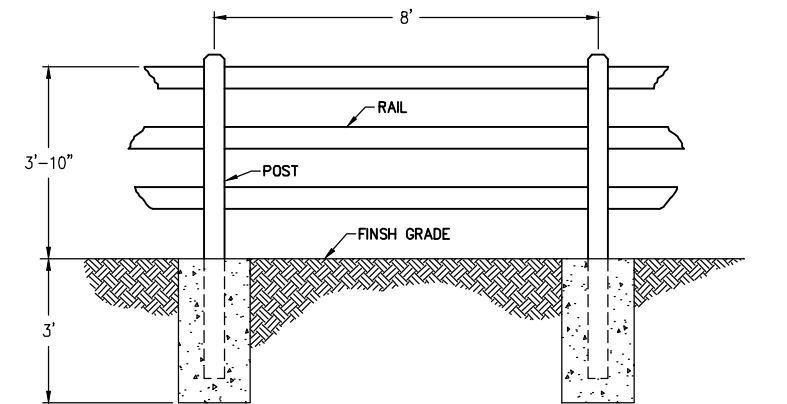
CONSTRUCTION NOTES:

- 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

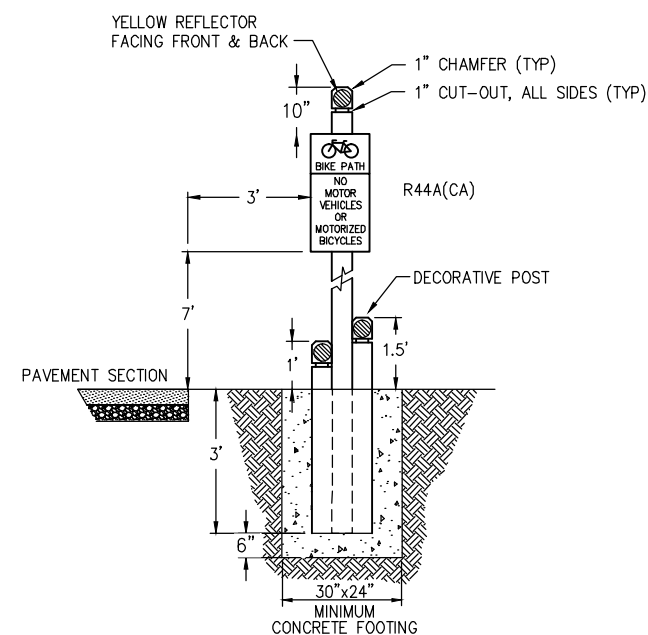


RAIL SECTION
NOT TO SCALE

(2) #3 REBAR
(2) EA SIDE (TYP)

5' x 5' square footing cross-section. Dimensions: 5' width, 5' height. Reinforcement: 4 #3 bars (2 top, 2 bottom). Clearances: 1 1/2" from edges.

LINE POST
NOT TO SCALE

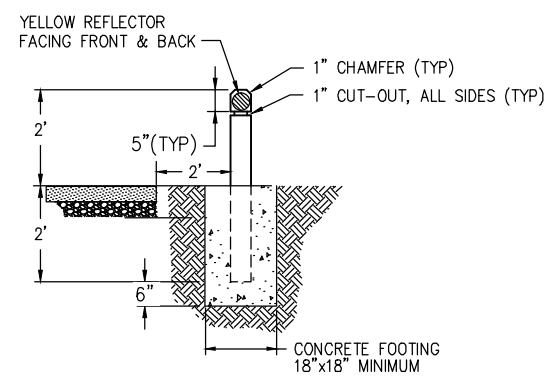


SIGN POST DETAIL

SCALE: 1" = 2'

STATION 11+00 RT

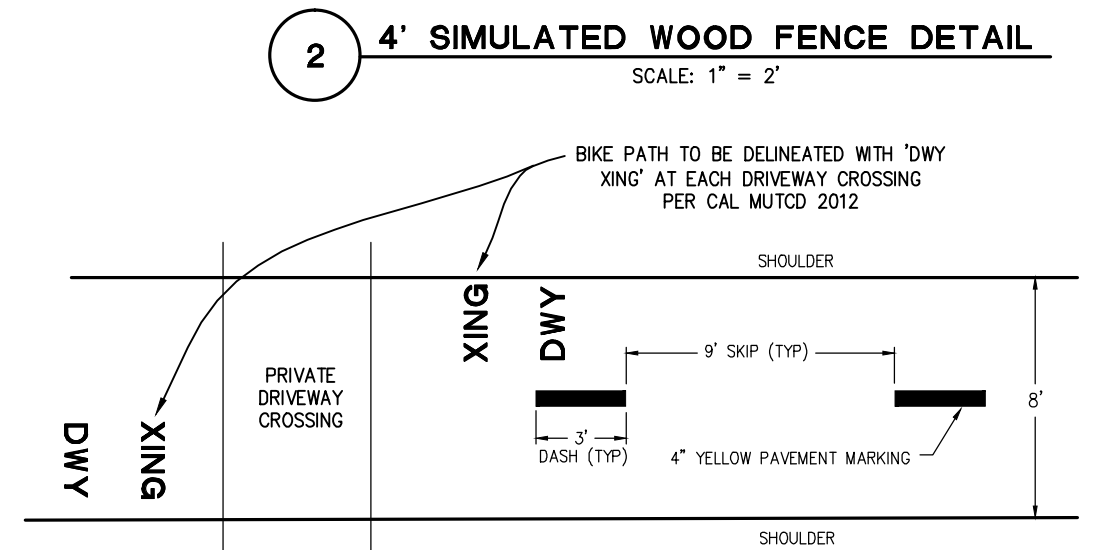
STATION 53+75 LT



EDGE BOLLARD DETAIL

SCALE: 1" = 2'

STATION 11+00 LT
STATION 11+00 RT
STATION 53+75 LT
STATION 53+75 RT



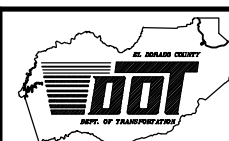
PATHWAY CENTERLINE STRIPING DETAIL

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

CONSTRUCTION DETAILS
SCALE : AS NOTED

[illegible]

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

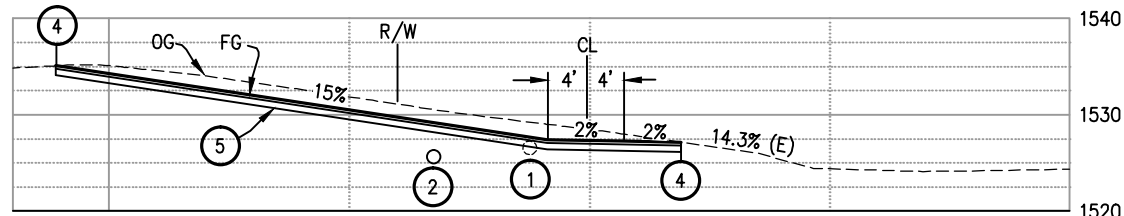


EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION

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

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

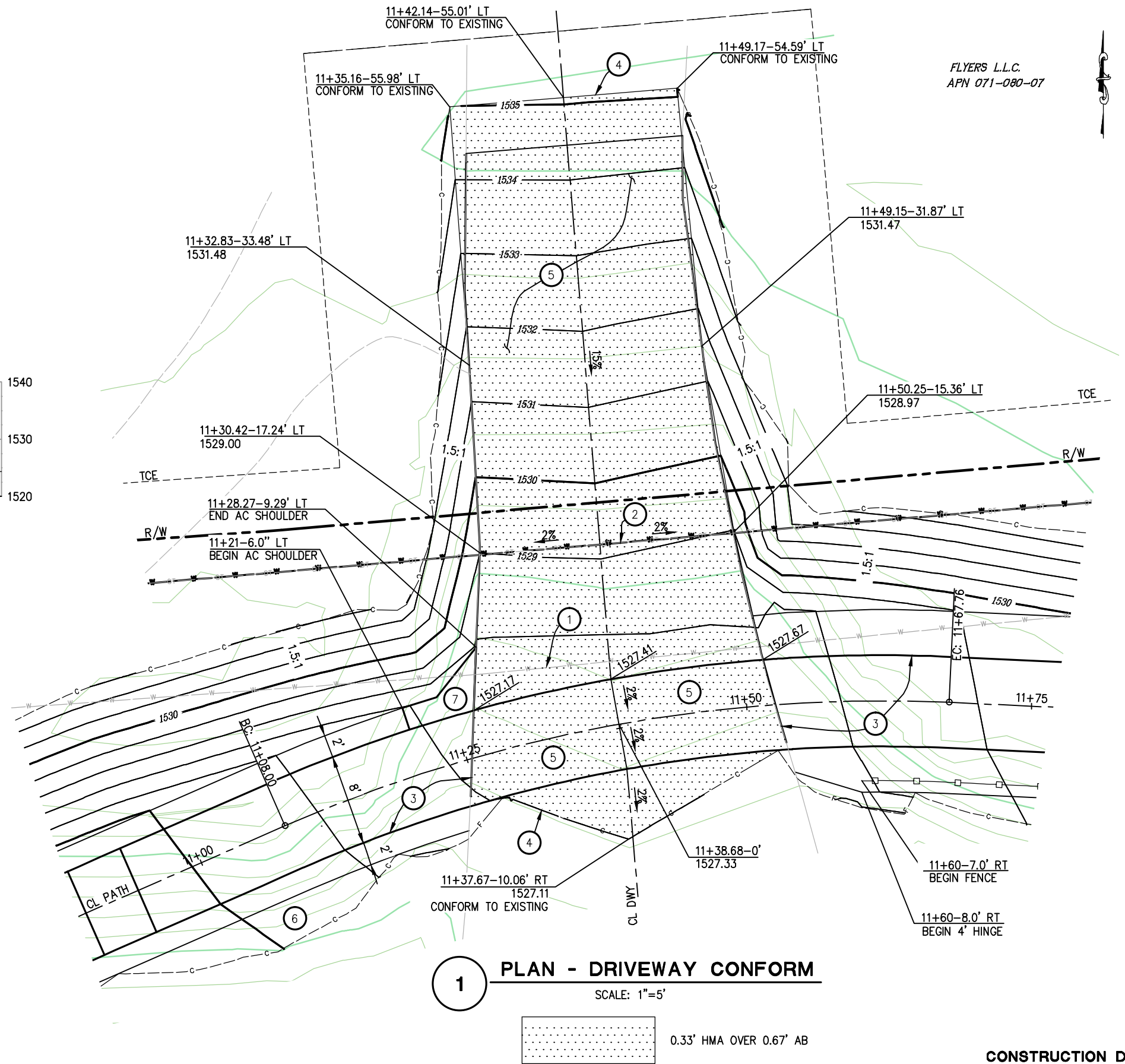
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PROFILE - CL DWY
SCALE: 1"=10'H,V'

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



1 PLAN - DRIVEWAY CONFORM
SCALE: 1"=5'

0.33' HMA OVER 0.67' AB

**CONSTRUCTION DETAILS
DRIVEWAY CONFORM
SCALE : 1" = 5'**

REVISION	NUMBER	DATE	DESCRIPTION	BY



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

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

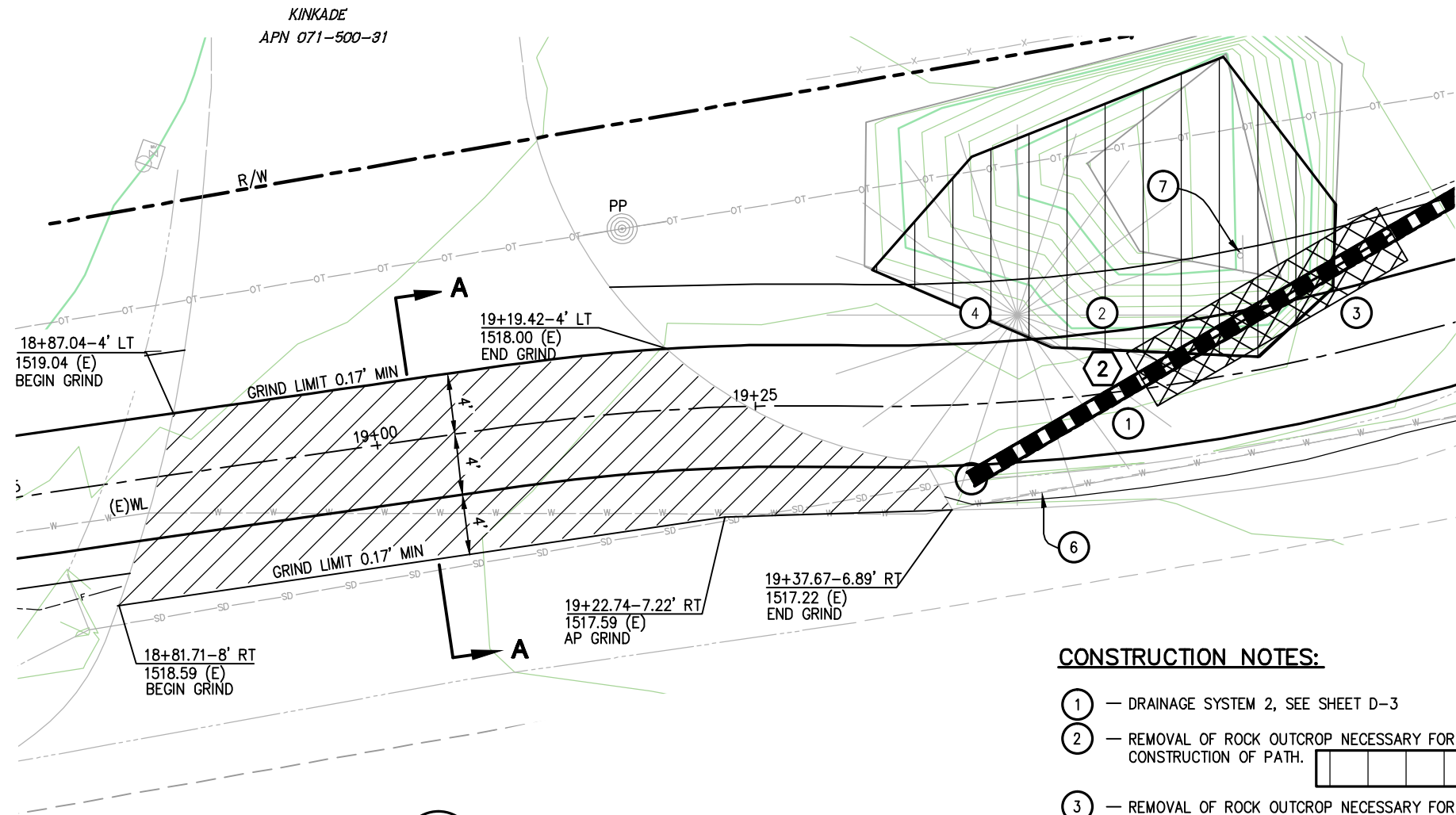


**EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION**

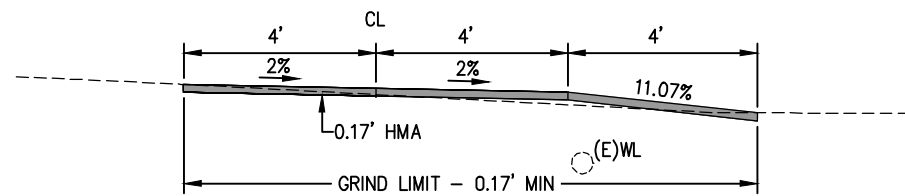
**NORTHSIDE SCHOOL CLASS I BIKE
PATH - PHASE 1 (SR193)**

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

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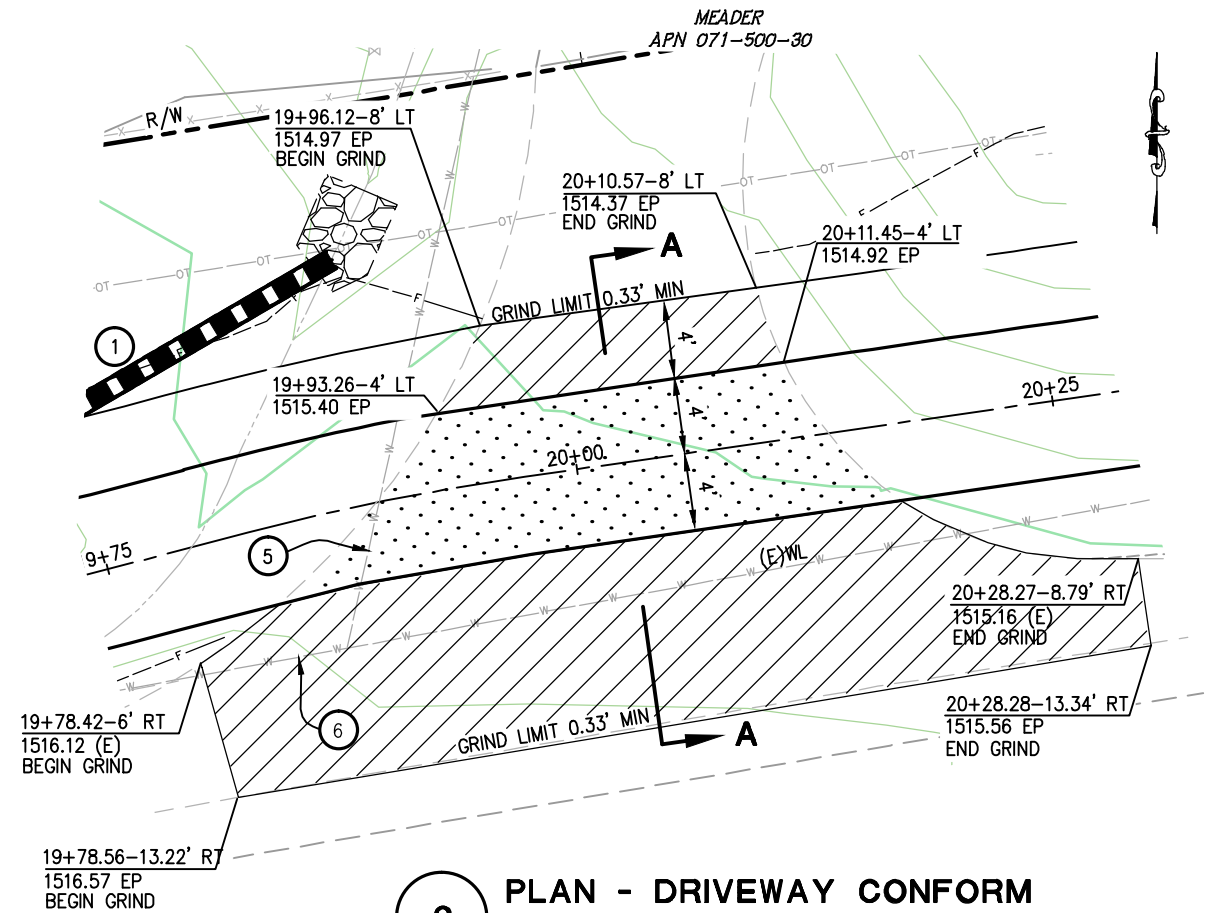
1 PLAN - DRIVEWAY CONFORM
STA 19+03 SCALE: 1"=5'
GRIND LIMITS



1 SECTION A-A
N.T.S.

CONSTRUCTION NOTES:

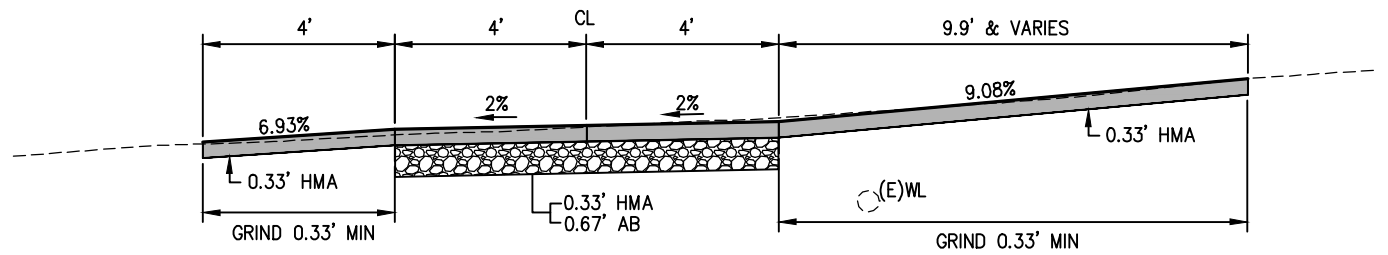
- 1 - DRAINAGE SYSTEM 2, SEE SHEET D-3
- 2 - REMOVAL OF ROCK OUTCROP NECESSARY FOR CONSTRUCTION OF PATH.
- 3 - REMOVAL OF ROCK OUTCROP NECESSARY FOR CONSTRUCTION OF DRAINAGE SYSTEM 2. SEE SHEET D-3
- 4 - REMOVE PINE
- 5 - APPROXIMATE LOCATION OF WATER SERVICE. CONTRACTOR SHALL VERIFY HORIZONTAL & VERTICAL 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.



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

ABBREVIATIONS

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



2 SECTION A-A
N.T.S.

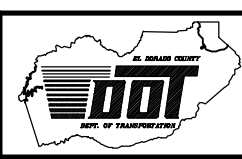
CONSTRUCTION DETAILS
DRIVEWAY CONFORM
SCALE : AS NOTED

REVISION	NUMBER	DATE	DESCRIPTION	BY

REGISTERED PROFESSIONAL ENGINEER
PAUL J. HOM IV
No. C 63574
License Expires 9-30-14
CIVIL
STATE OF CALIFORNIA

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

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



EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION

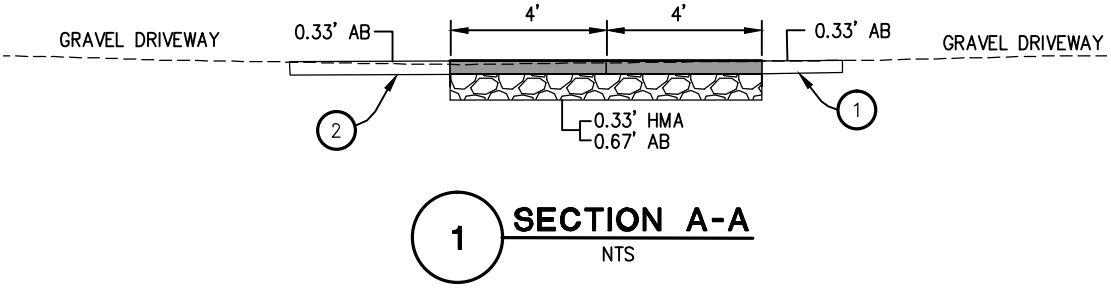
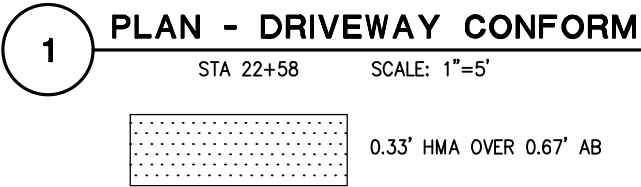
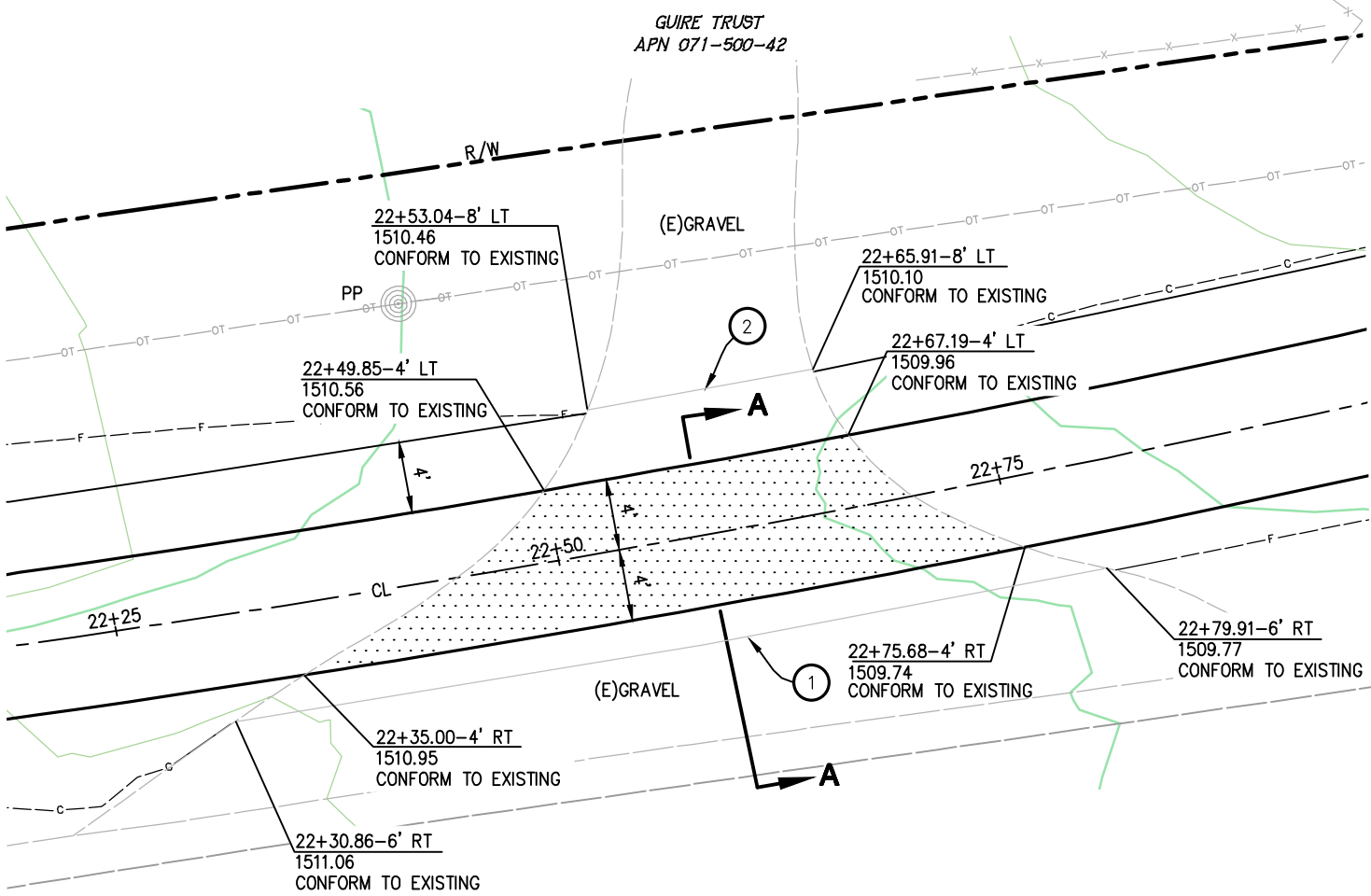
NORTHSIDE SCHOOL CLASS I BIKE
PATH - PHASE 1 (SR193)

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

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FOR REDUCED PLANS

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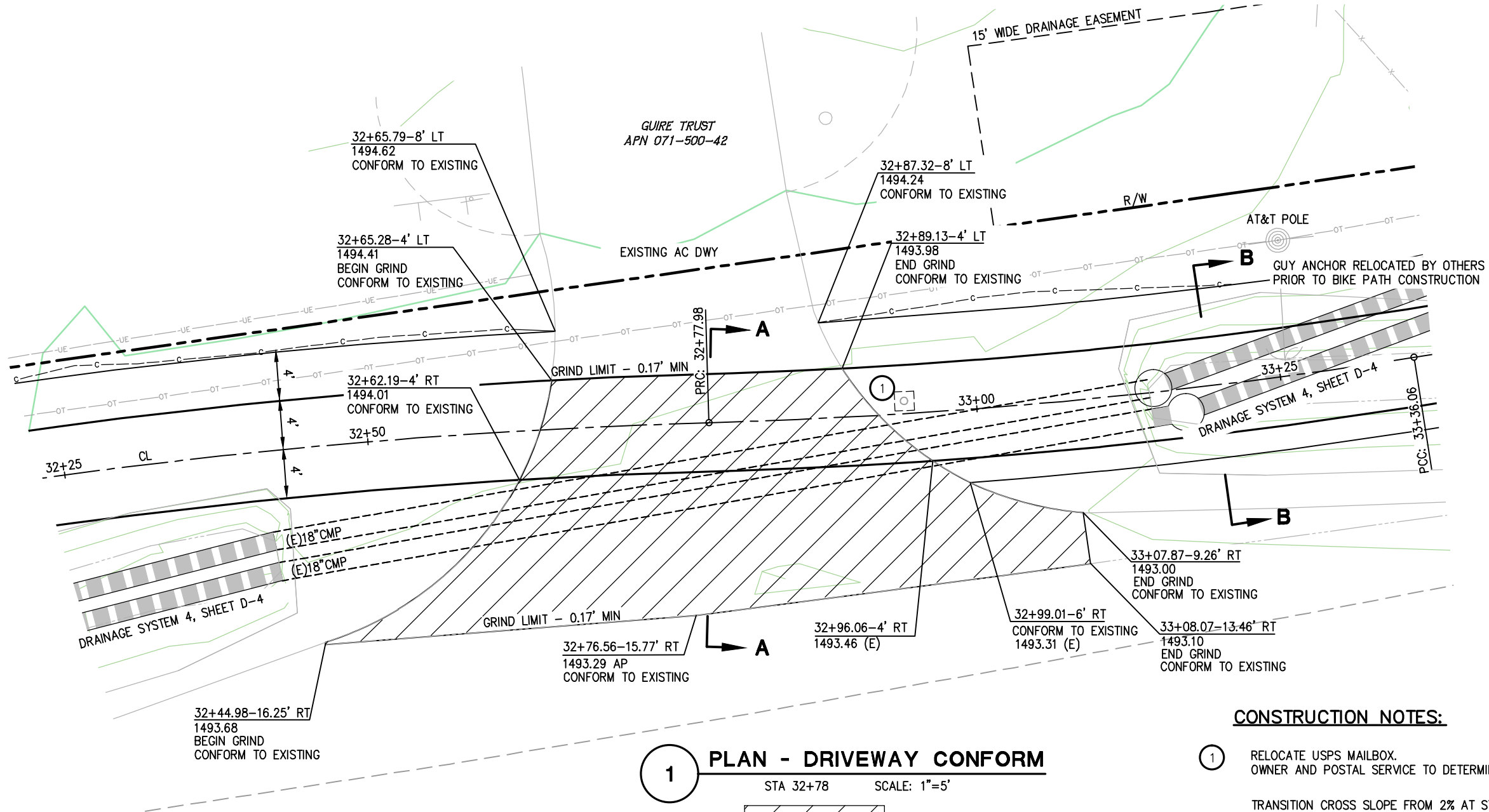
- CONSTRUCTION NOTES:**
- 1 2' WIDE SHOULDER, 0.33' AB, SUBGRADE COMPACTED TO 90%
 - 2 4' WIDE SHOULDER, 0.33' AB, SUBGRADE COMPACTED TO 90%

**CONSTRUCTION DETAILS
DRIVEWAY CONFORM
SCALE : AS NOTED**

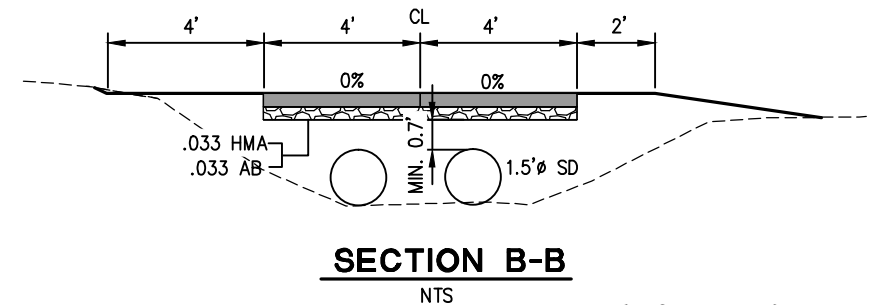
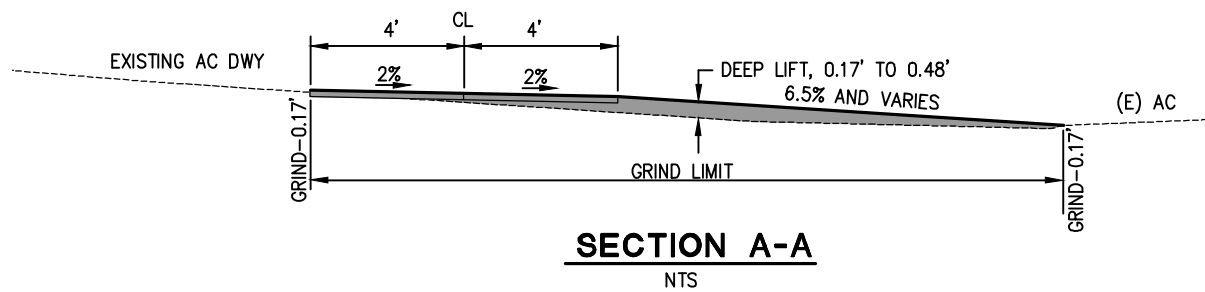
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FOR REDUCED PLANS
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1 PLAN - DRIVEWAY CONFORM
STA 32+78 SCALE: 1"=5'
GRIND LIMITS



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

CONSTRUCTION DETAILS
DRIVEWAY CONFORM
SCALE : AS NOTED



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

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



EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION

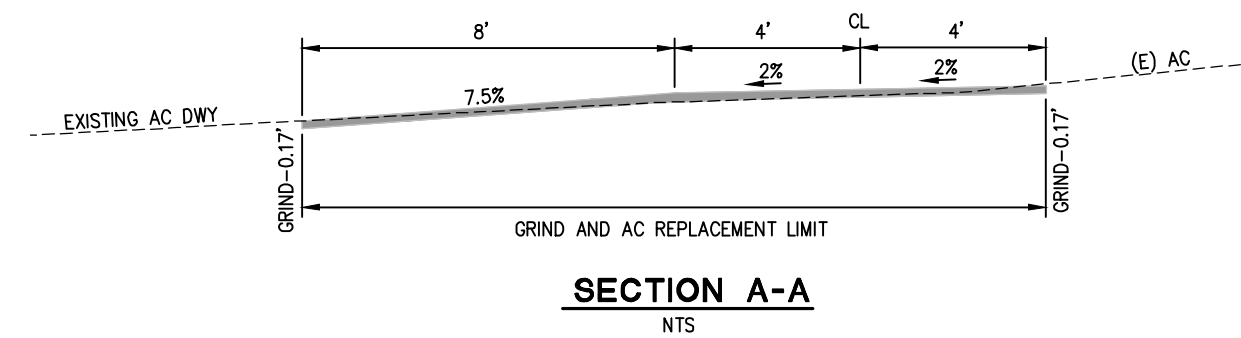
NORTHSIDE SCHOOL CLASS I BIKE
PATH - PHASE 1 (SR193)

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



CONSTRUCTION NOTES:

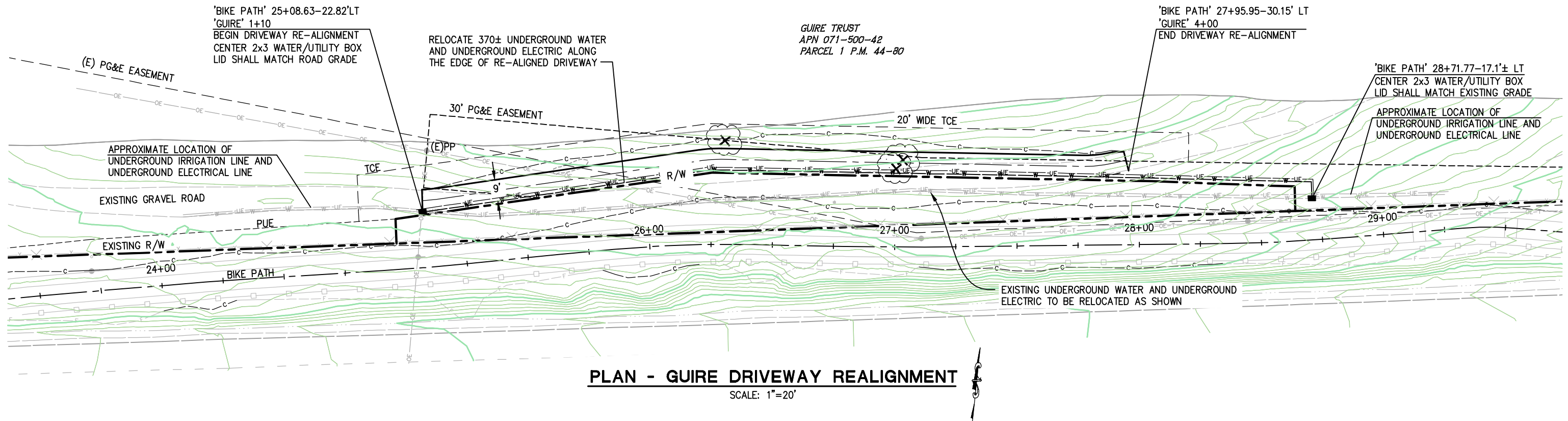
- ① RELOCATE NEWSPAPER BOX (1) AND ADDRESS POST (1). EXACT LOCATION TO BE DETERMINED IN THE FIELD BY THE OWNER.
- ② AT&T POLES, PROTECT IN PLACE
- ③ APPROXIMATE LOCATION OF AT&T VAULTS, PROTECT IN PLACE



**CONSTRUCTION DETAILS
DRIVEWAY CONFORM
SCALE : AS NOTED**

REVISION					REGISTERED PROFESSIONAL ENGINEER PAUL J. HOM IV. No. C 63574 License Expires 9-30-14 CIVIL STATE OF CALIFORNIA	PREPARED UNDER THE SUPERVISION OF :	DESIGNED:	DRAWN:	EL DORADO COUNTY DOT DEPT. OF TRANSPORTATION	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
							CHECKED:	DATE:									
							PH	4/08/13									
							ROAD NUMBER:	SR 193									
	NUMBER	DATE	DESCRIPTION	BY		REGISTERED CIVIL ENGINEER											
							05/08/13										

ORIGINAL SCALE IS IN INCHES
Drawing name: C:\Civil 3D Projects\72304 Northside School Bike Trail\CADD Files\Sheets\C-8.dwg Layout Tab: GUIRE TRUST ACCESS ROAD May 09 2013 8:04am SMC\ey



GENERAL NOTES:

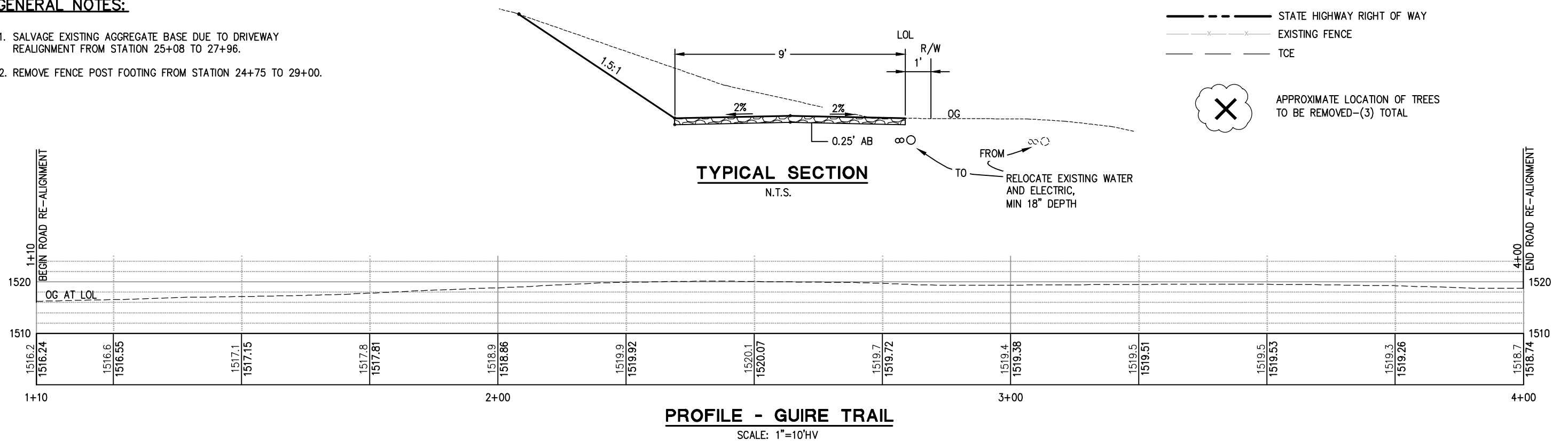
1. SALVAGE EXISTING AGGREGATE BASE DUE TO DRIVEWAY REALIGNMENT FROM STATION 25+08 TO 27+96.
2. REMOVE FENCE POST FOOTING FROM STATION 24+75 TO 29+00.

LEGEND:

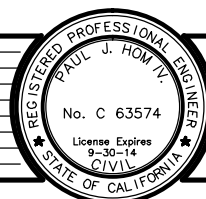
- STATE HIGHWAY RIGHT OF WAY
- EXISTING FENCE
- TCE



APPROXIMATE LOCATION OF TREES
TO BE REMOVED-(3) TOTAL



CONSTRUCTION DETAILS
GUIRE TRUST ACCESS DRIVEWAY
SCALE : AS NOTED



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

DESIGNED: CG
CHECKED: PH
ROAD NUMBER: SR 193

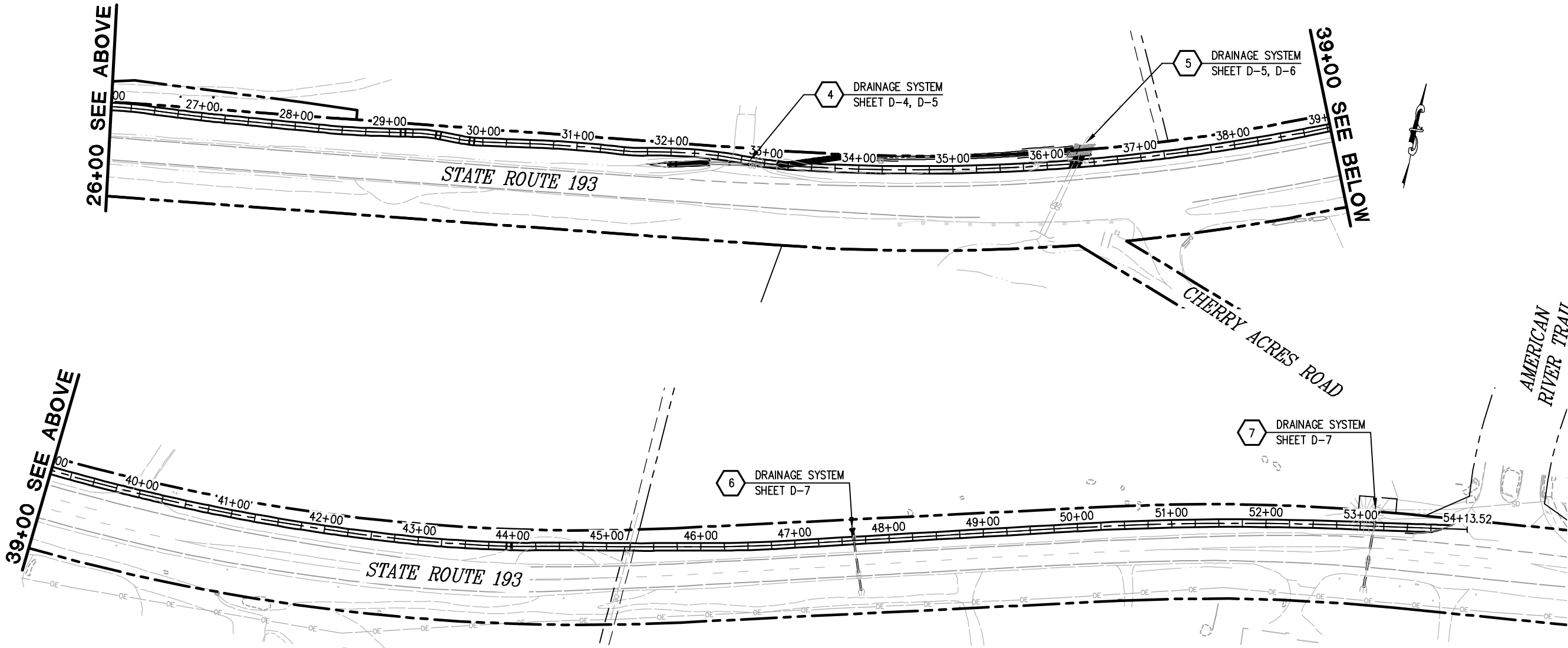
DRAWN: RR
DATE: 4/05/13



EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION

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

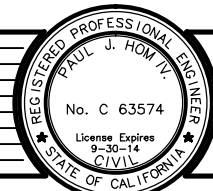
SHEET
C-8
16 OF 33
W.O. No. 72304



GENERAL NOTES:

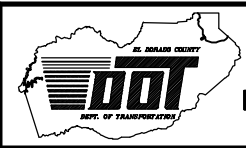
1. CONTRACTOR SHALL POTHOLE TO VERIFY HORIZONTAL AND VERTICAL LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION OF STORM DRAINAGE SYSTEMS.

REVISION		
NUMBER	DATE	DESCRIPTION



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

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



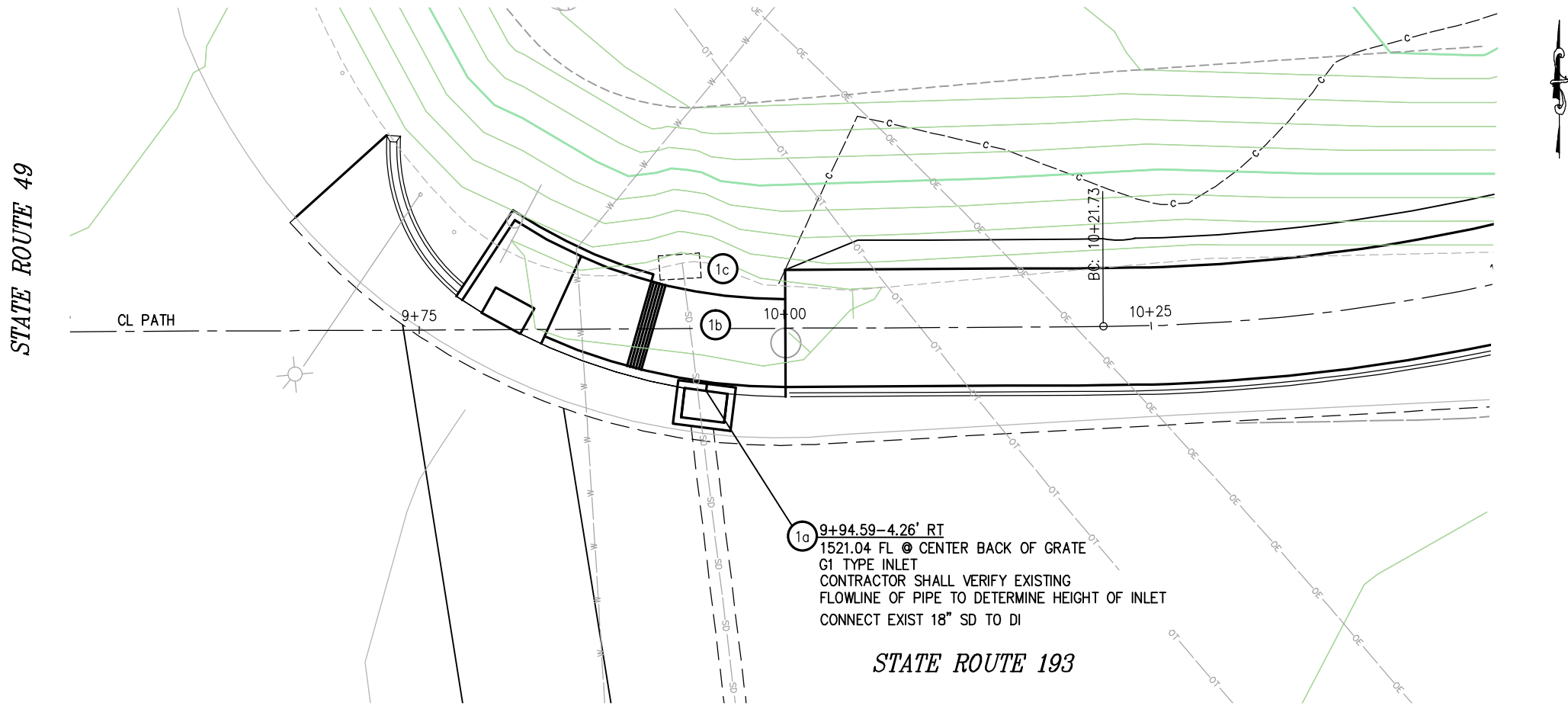
EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION

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

DRAINAGE INDEX
SCALE : 1" = 60'

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

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



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
CHECKED: PH
DATE: 4/05/13
ROAD NUMBER: SR 193



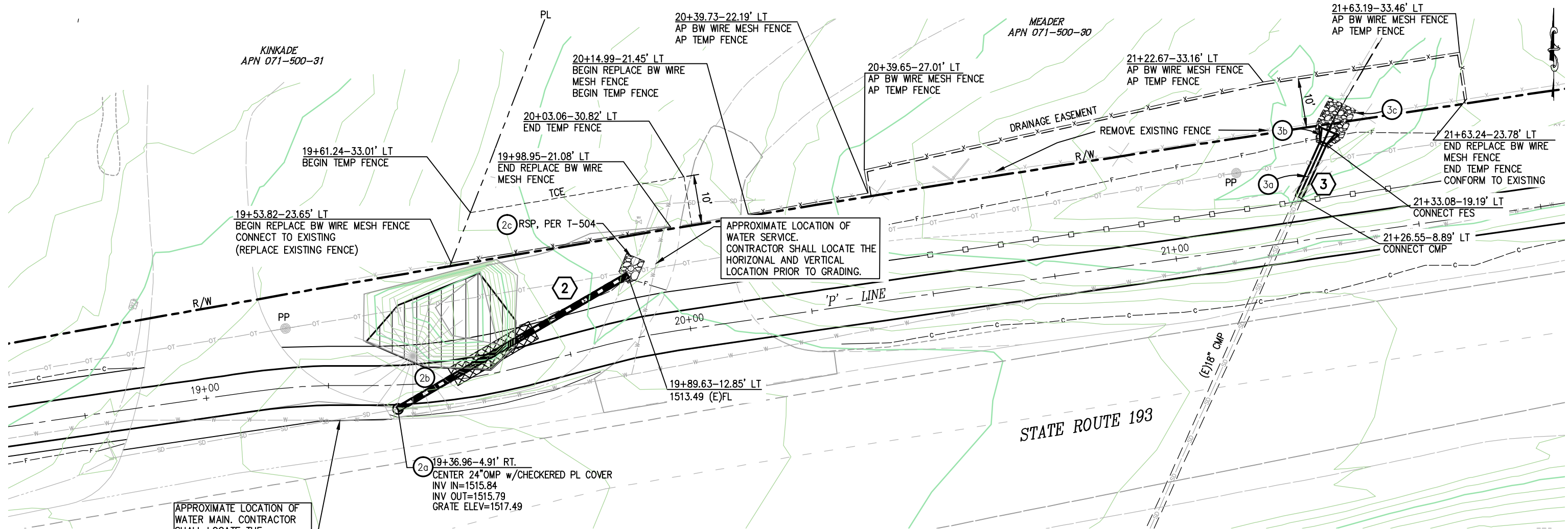
EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION

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

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

ORIGINAL SCALE IS IN INCHES
Drawing name: C:\Civil 3D Projects\72304 Northside School BikeTrail\CADD Files\Sheets\72304 D-3.dwg Layout Tab: D-3 May 09 2013 8:52am SMCvey

FOR REDUCED PLANS



CONSTRUCTION NOTES:

1. 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.

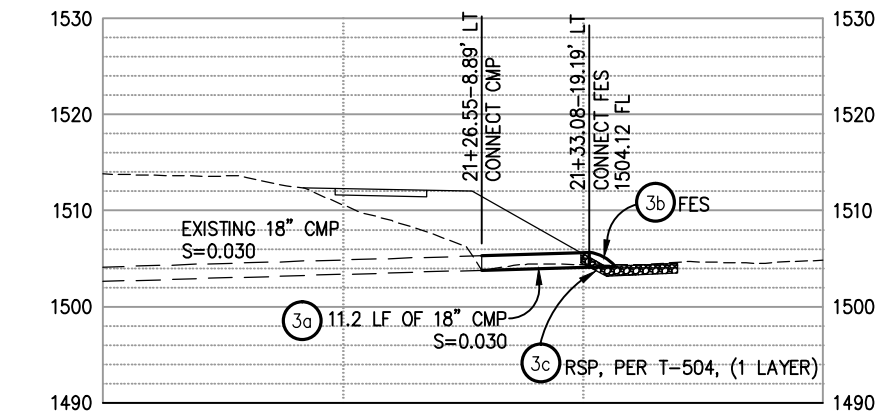
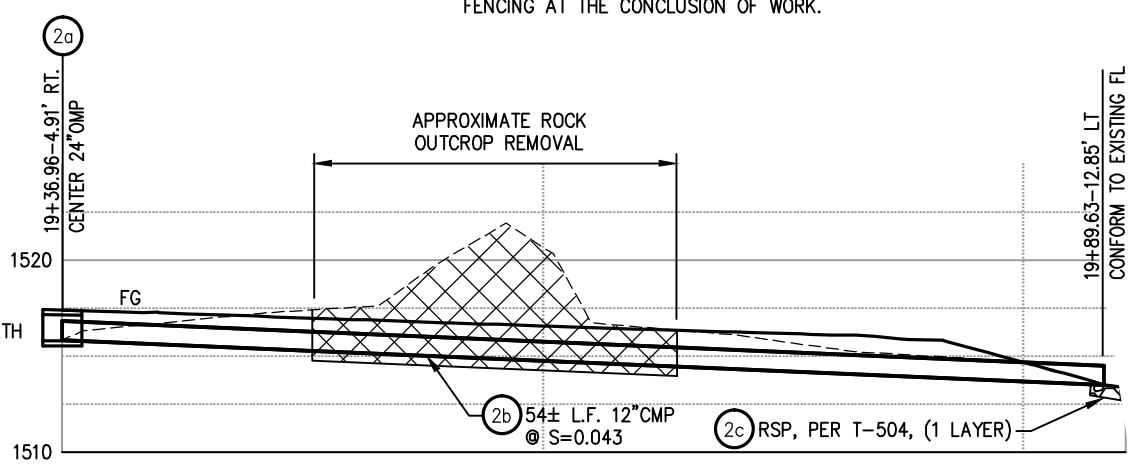
LEGEND:

- 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

PROFILE - DRAINAGE SYSTEM 3

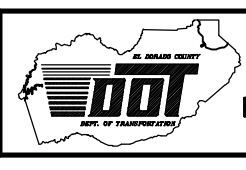
DRAINAGE SYSTEM 2&3
SCALE : 1" = 10'

REVISION	NUMBER	DATE	DESCRIPTION	BY

REGISTERED PROFESSIONAL ENGINEER
PAUL J. HOM IV
No. C 63574
License Expires 9-30-14
CIVIL
STATE OF CALIFORNIA

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

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



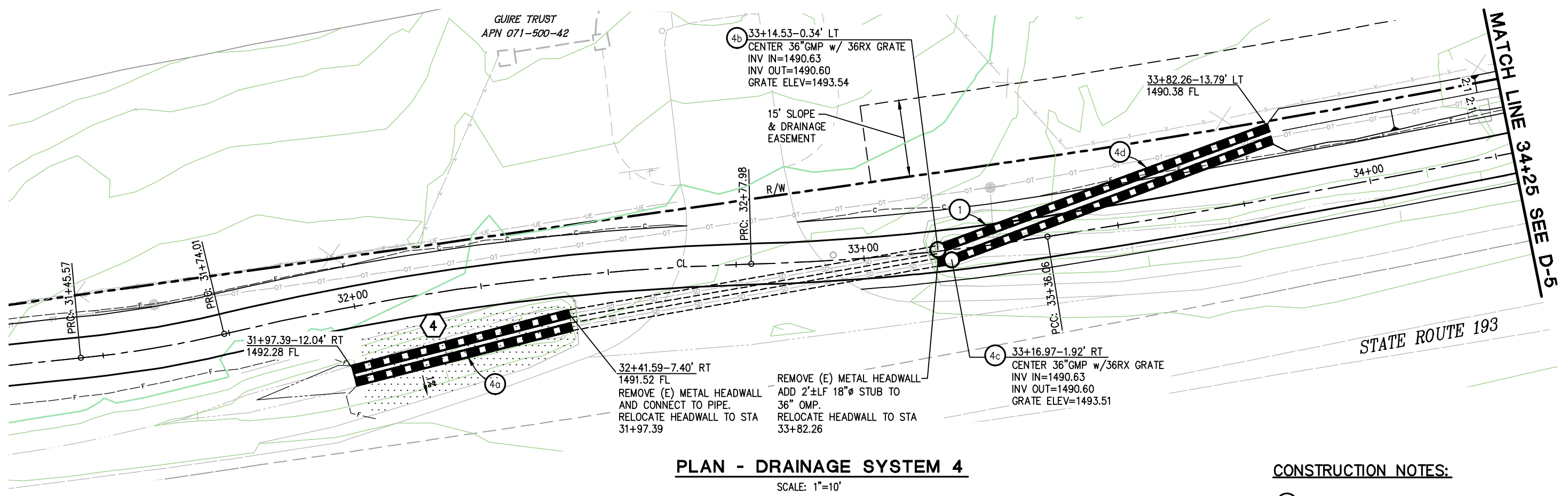
EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION

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\72304 D-4.dwg Layout Tab: D-4 May 09 2013 9:04am SMC\ey

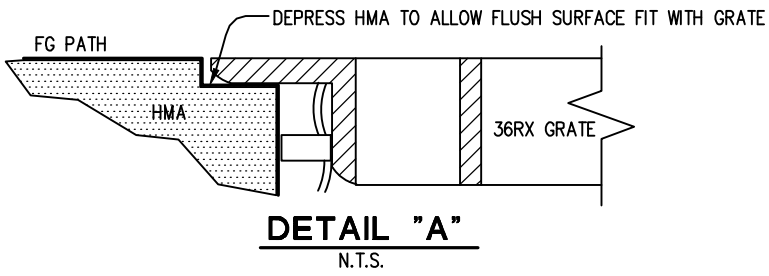
FOR REDUCED PLANS
2
1
0



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

CONSTRUCTION NOTES:

1 UTILITY ANCHOR AND POLE HAS BEEN RELOCATED.

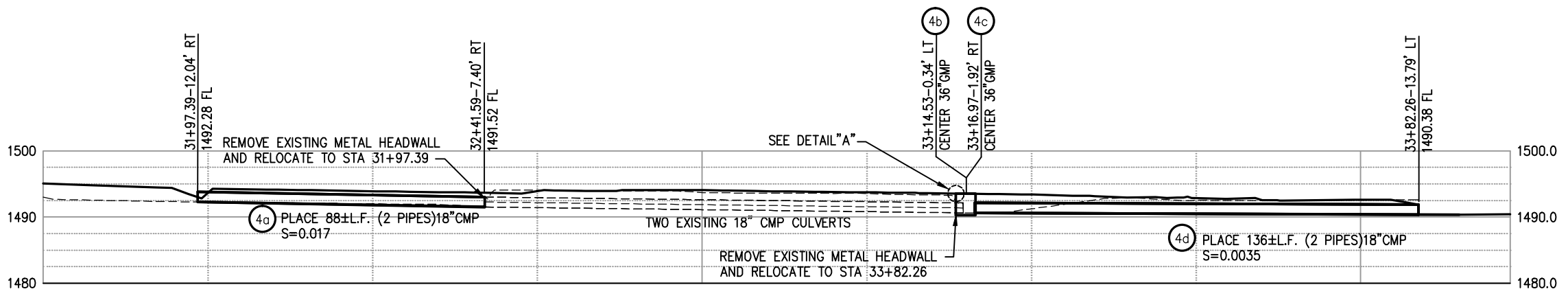


LEGEND:

FILL LIMITS OF EXISTING DITCH

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

REGISTERED PROFESSIONAL ENGINEER
PAUL J. HOM IV
No. C 63574
License Expires 9-30-14
CIVIL
STATE OF CALIFORNIA

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

DESIGNED: CG
CHECKED: PH
ROAD NUMBER: SR 193

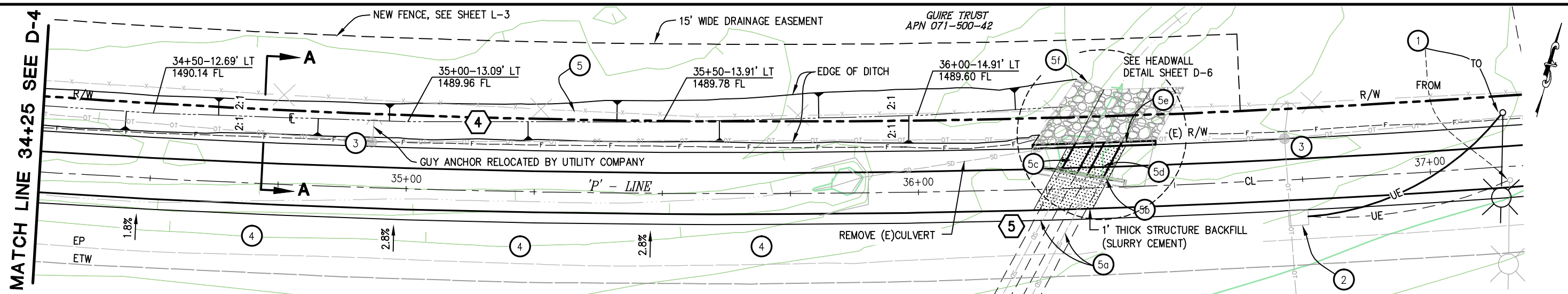
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DATE: 4/01/13

EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION

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

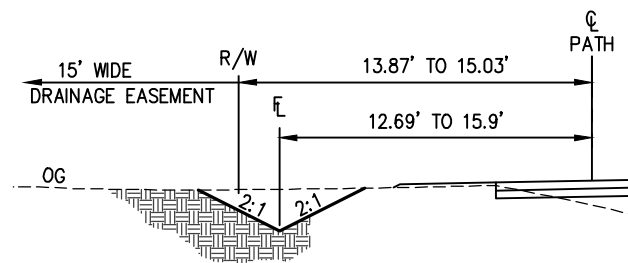
SHEET
D-4
20 OF 33
W.O. No. 72304

ORIGINAL SCALE IS IN INCHES
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FOR REDUCED PLANS
2
1
0



PLAN - DRAINAGE SYSTEM 4 & 5

SCALE: 1" = 10'

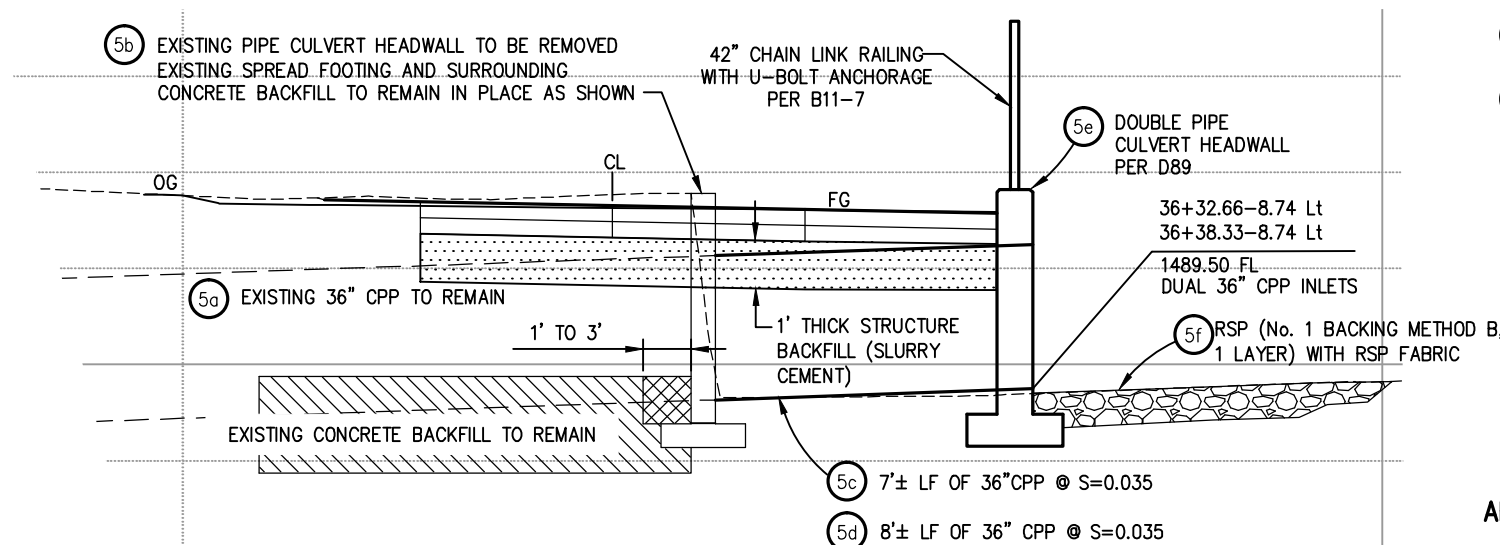


TYPICAL SECTION A-A

SCALE: 1" = 4'

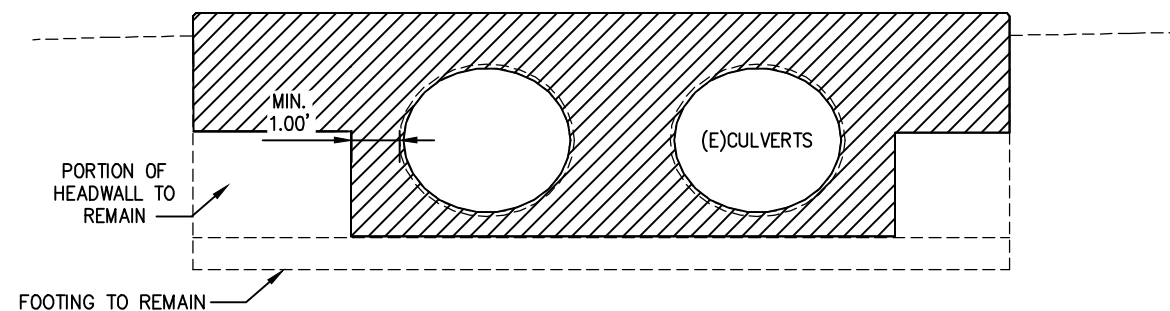
LEGEND:

- 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



EXISTING HEADWALL

NTS

CONSTRUCTION NOTES:

- RELOCATE STREETLIGHT FROM STA 37+15.43-2.65' RT TO STA 37+14.93-10.6' LT
- ELECTRIC SERVICE BOX PROTECT IN PLACE
- UTILITY POLE, PROTECT IN PLACE
- COMPACTED FILL
- 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:

- 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.

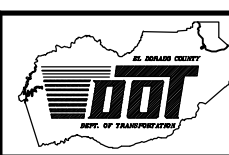
DRAINAGE SYSTEM 4 & 5
SCALE : AS SHOWN

REVISION	NUMBER	DATE	DESCRIPTION	BY

REGISTERED PROFESSIONAL ENGINEER
PAUL J. HOM IV
No. C 63574
License Expires 9-30-14
CIVIL
STATE OF CALIFORNIA

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

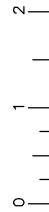
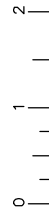
DESIGNED: CG	DRAWN: RR
CHECKED: PH	DATE: 05/07/13
ROAD NUMBER: SR 193	



EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION

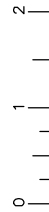
NORTHSIDE SCHOOL CLASS I BIKE
PATH - PHASE 1 (SR193)

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



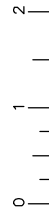
Age Group	Number of People (Millions)
18-24	0.2
25-34	0.4
35-44	0.6
45-54	0.8
55-64	1.0
65-74	1.8
75-84	1.6
85+	1.4

Age Group	Number of People (Millions)
18-24	0.2
25-34	0.4
35-44	0.6
45-54	0.8
55-64	1.0
65-74	1.8
75-84	1.6
85+	1.4



Age Group	Number of People (Millions)
18-24	0.2
25-34	0.4
35-44	0.6
45-54	0.8
55-64	1.0
65-74	1.8
75-84	1.6
85+	1.4

Age Group	Number of People (Millions)
18-24	0.2
25-34	0.4
35-44	0.6
45-54	0.8
55-64	1.0
65-74	1.8
75-84	1.6
85+	1.4



Age Group	Number of People (Millions)
18-24	0.2
25-34	0.4
35-44	0.6
45-54	0.8
55-64	1.0
65-74	1.8
75-84	1.6
85+	1.4

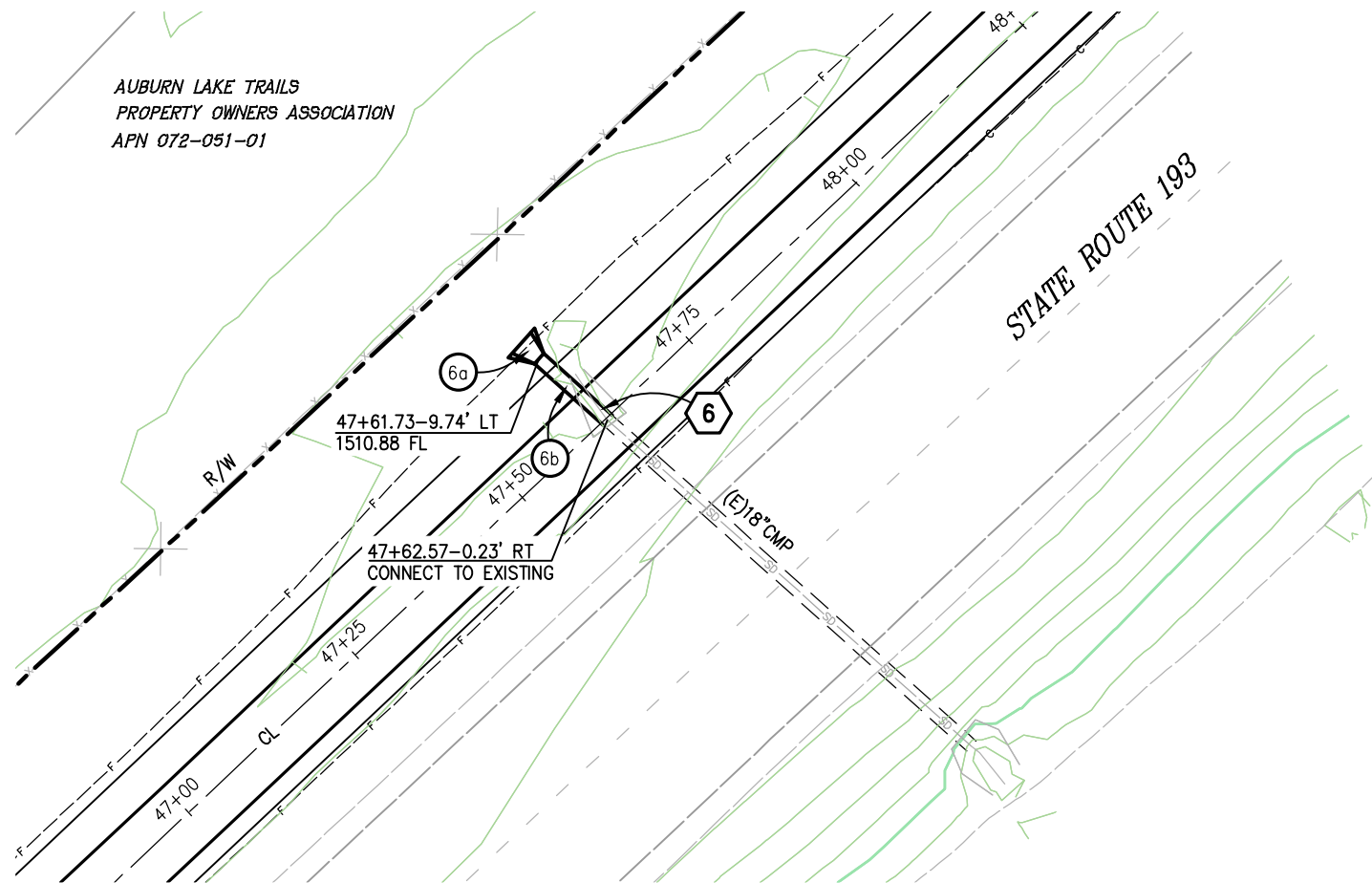
Age Group	Number of People (Millions)
18-24	0.2
25-34	0.4
35-44	0.6
45-54	0.8
55-64	1.0
65-74	1.8
75-84	1.6
85+	1.4

Age Group	Number of People (Millions)
18-24	0.1
25-34	0.2
35-44	0.3
45-54	0.4
55-64	0.6
65-74	1.8
75-84	1.2
85+	0.8

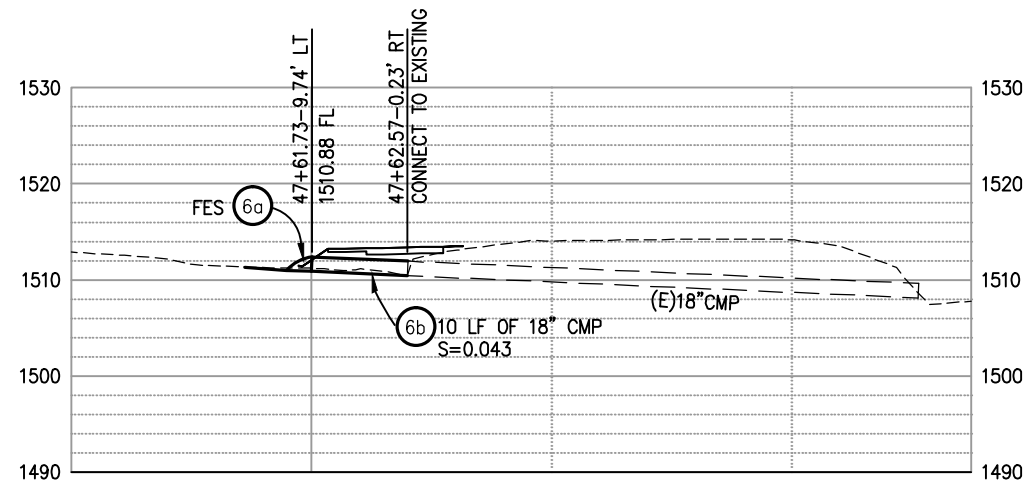
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FOR REDUCED PLANS

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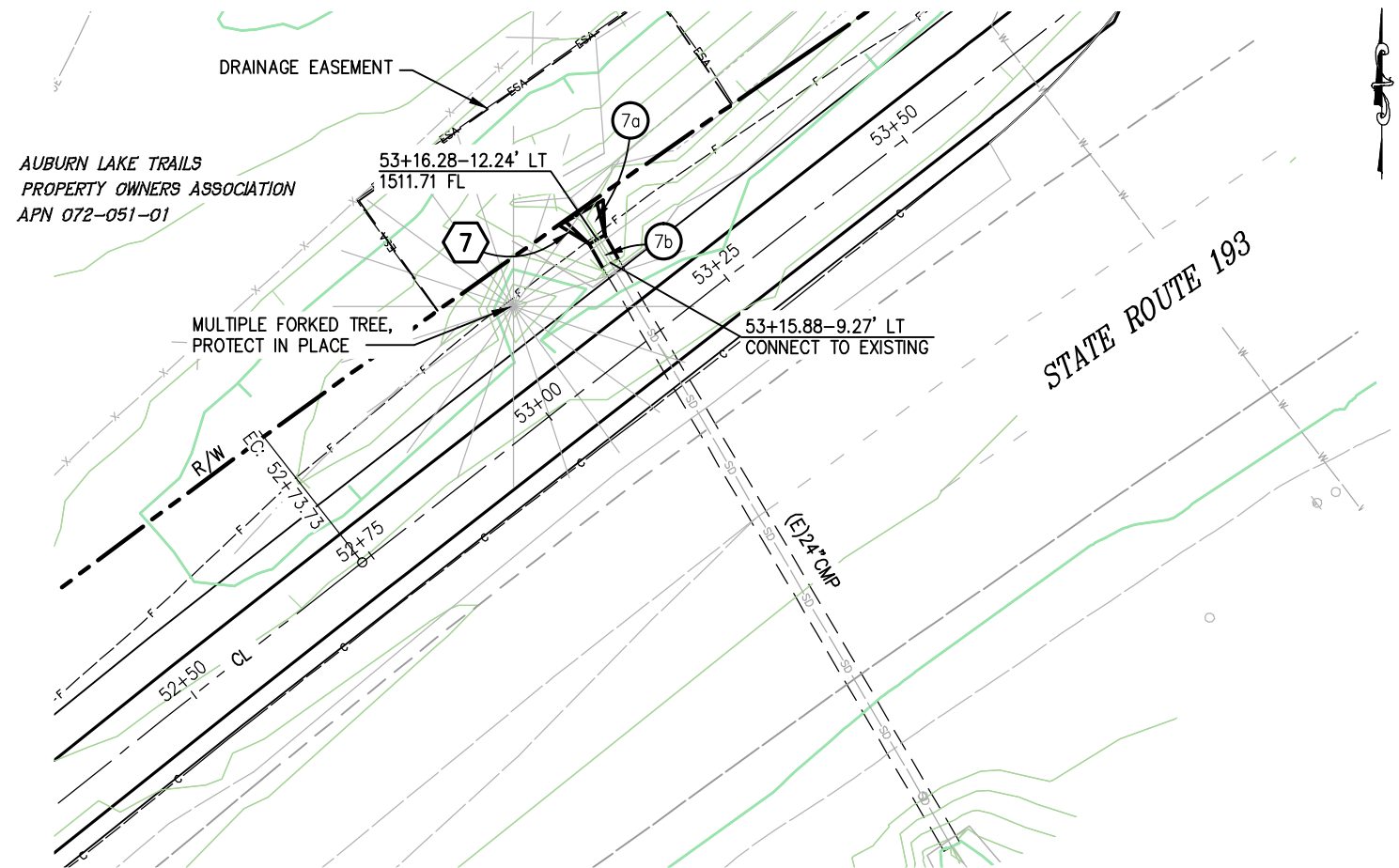
1 PLAN - DRAINAGE SYSTEM 6



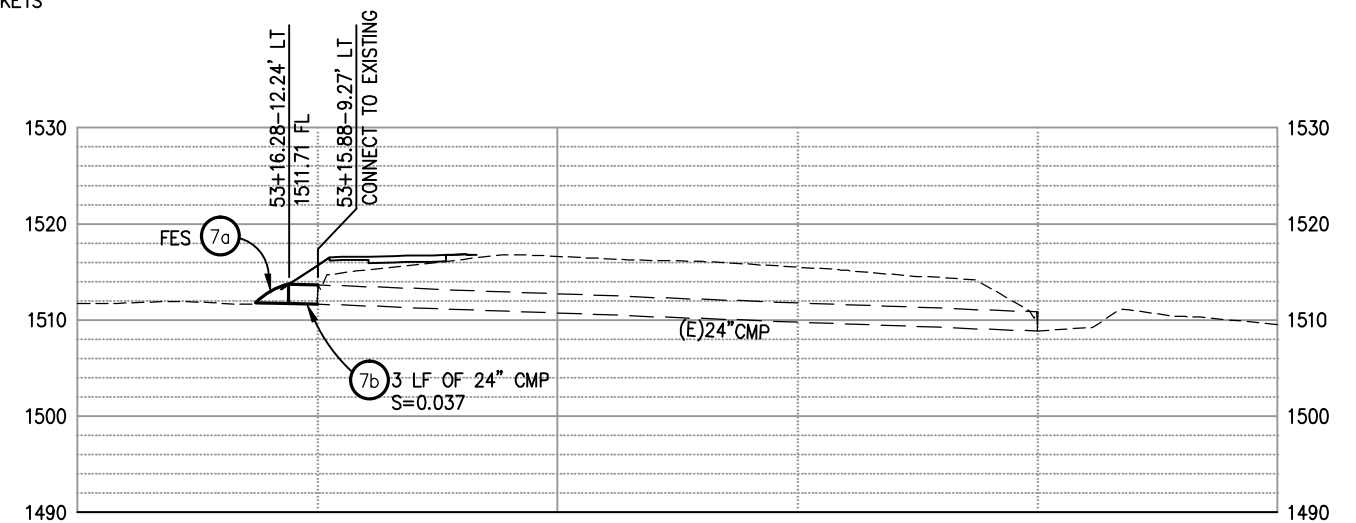
PROFILE - DRAINAGE SYSTEM 6

GENERAL NOTE:

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



2 PLAN - DRAINAGE SYSTEM 7



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
DATE: 05/08/13

DESIGNED: CG
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
D-7
23 OF 33
W.O. No. 72304

FOR REDUCED PLANS

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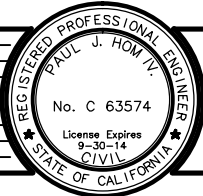
ORIGINAL SCALE IS IN INCHES

Drawing name: C:\Civil 3D Projects\72304 Northside School BikeTrail\CADD Files\Sheets\72304 D-8.dwg Layout Tab: D-8 May 09,2013 -- 9:35am SMCvey

DRAINAGE PLAN SHEET NO.	DRAINAGE SYSTEM	DRAINAGE ITEM	12" CMP	18" CMP	24" CMP	36" CPP	18" FES	24" FES	G1 INLET		24" OMP	36" GMP	RSP	DESCRIPTION	STATION/OFFSET PER "P" ALIGNMENT
									MINOR CONCRETE	MISC IRON/STEEL					
			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

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF :

REGISTERED CIVIL ENGINEER

05/08/13

DATE:

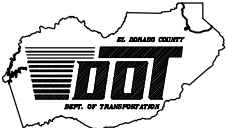
DESIGNED: CG

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

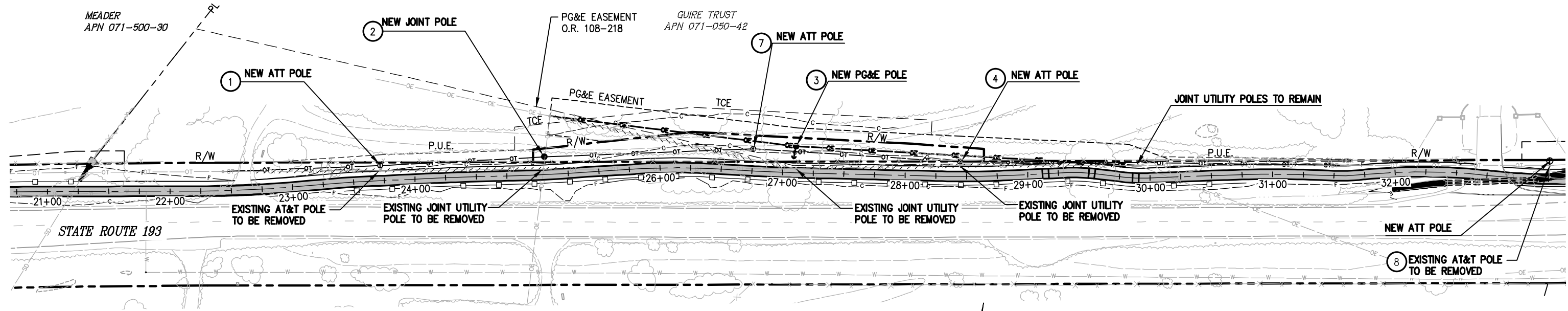
24 OF 33

W.O. No. 72304

ORIGINAL SCALE IS IN INCHES
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FOR REDUCED PLANS

2
1
0



PLAN - AT&T & PG&E RELOCATION

SCALE: 1"=40'

CONSTRUCTION NOTES:

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

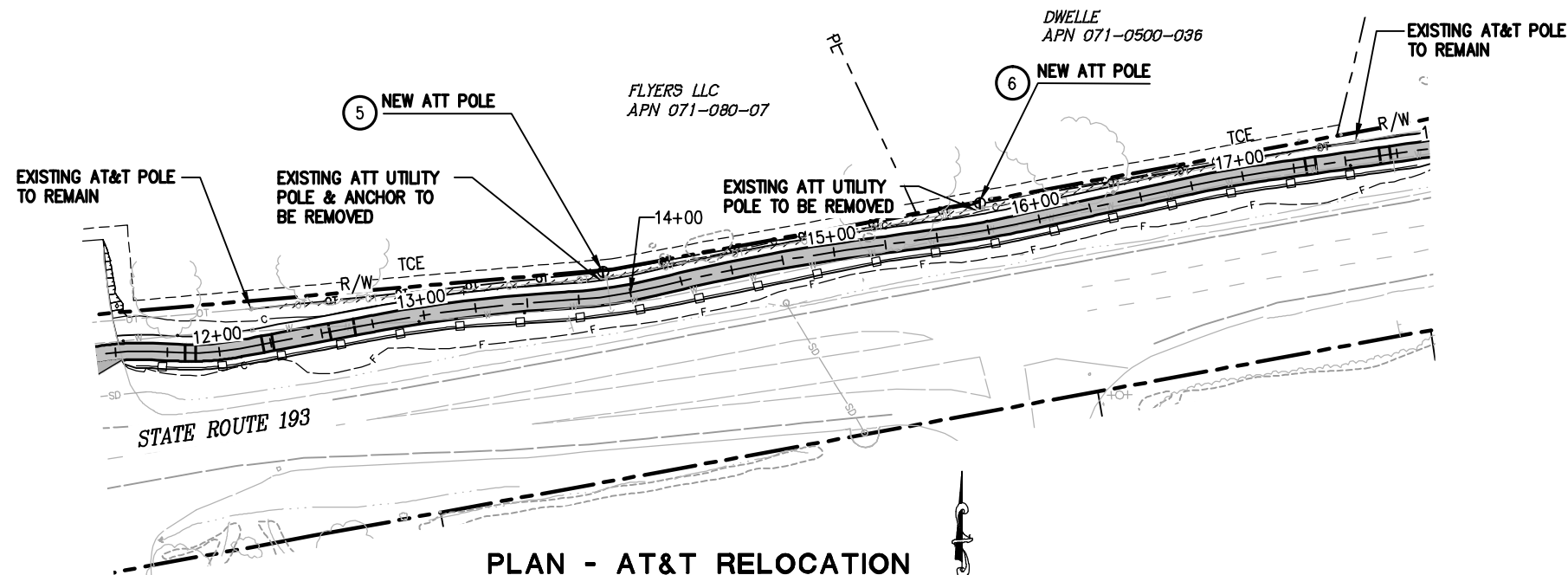
- | | |
|---|---|
| ① — AT&T UTILITY POLE, TO BE RELOCATED BY OTHERS.
FROM STA 23+71.72-8.19' LT
TO STA 23+72.07-12.32' LT | ⑤ — AT&T UTILITY POLE, TO BE RELOCATED BY OTHERS.
FROM STA 13+89.18-9.02' LT
TO STA 13+88.17-11.79' LT |
| ② — JOINT UTILITY POLE, TO BE RELOCATED BY OTHERS.
FROM STA 25+05.12-4.51' LT
TO STA 25+06.84-15.38' LT | 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 |
| 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 | 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 |
| 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 | 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:

- | | |
|------------|---|
| —OE— | — PROPOSED OVERHEAD ELECTRICAL LINE REALIGNMENT |
| —OE— | — EXISTING OVERHEAD ELECTRICAL LINE |
| ---OE--- | — EXISTING OVERHEAD ELECTRICAL LINE TO BE RELOCATED |
| —OT— | — PROPOSED OVERHEAD TELEPHONE LINE REALIGNMENT |
| ---OT--- | — EXISTING OVERHEAD TELEPHONE LINE TO BE RELOCATED |
| ---OE-T--- | — 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'

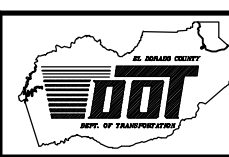
UTILITY PLAN
SCALE : AS SHOWN

REVISION	NUMBER	DATE	DESCRIPTION	BY

REGISTERED PROFESSIONAL ENGINEER
PAUL J. HOM IV
No. C 63574
License Expires 9-30-14
CIVIL
STATE OF CALIFORNIA

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

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



EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION

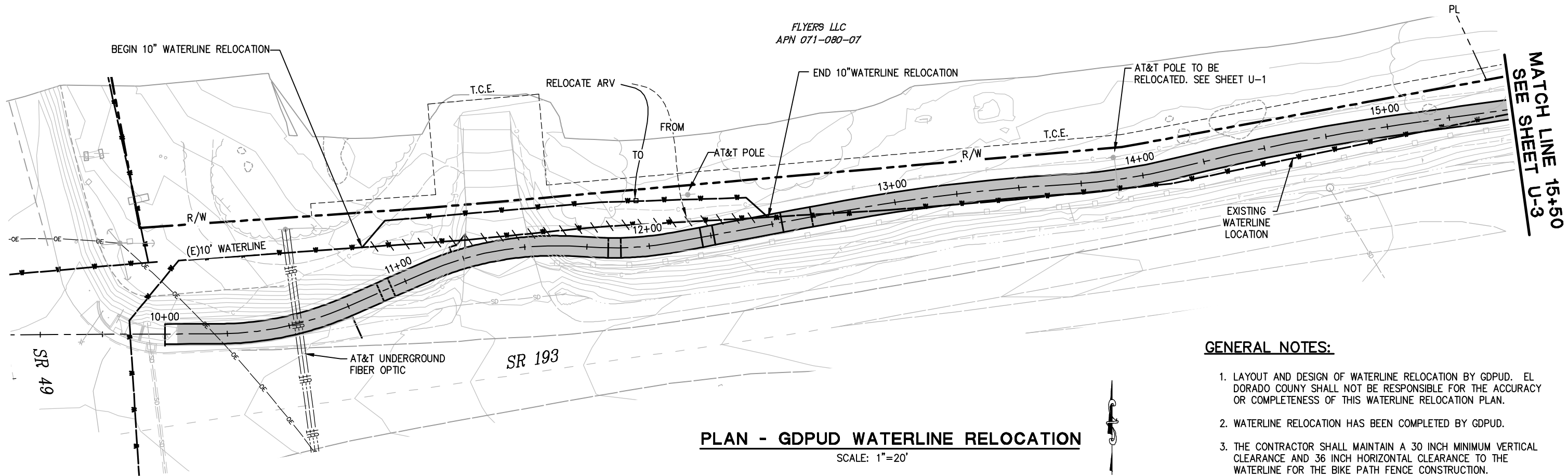
NORTHSIDE SCHOOL CLASS I BIKE
PATH - PHASE 1 (SR193)

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

FOR REDUCED PLANS
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 SMCvey

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:

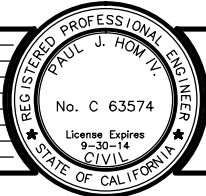
1. LAYOUT AND DESIGN OF WATERLINE RELOCATION BY GDPUD. EL DORADO COUNTY SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF THIS WATERLINE RELOCATION PLAN.
2. WATERLINE RELOCATION HAS BEEN COMPLETED BY GDPUD.
3. THE CONTRACTOR SHALL MAINTAIN A 30 INCH MINIMUM VERTICAL CLEARANCE AND 36 INCH HORIZONTAL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

LEGEND:

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

UTILITY PLAN
SCALE : AS NOTED

REVISION	NUMBER	DATE	DESCRIPTION	BY



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

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



EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION

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

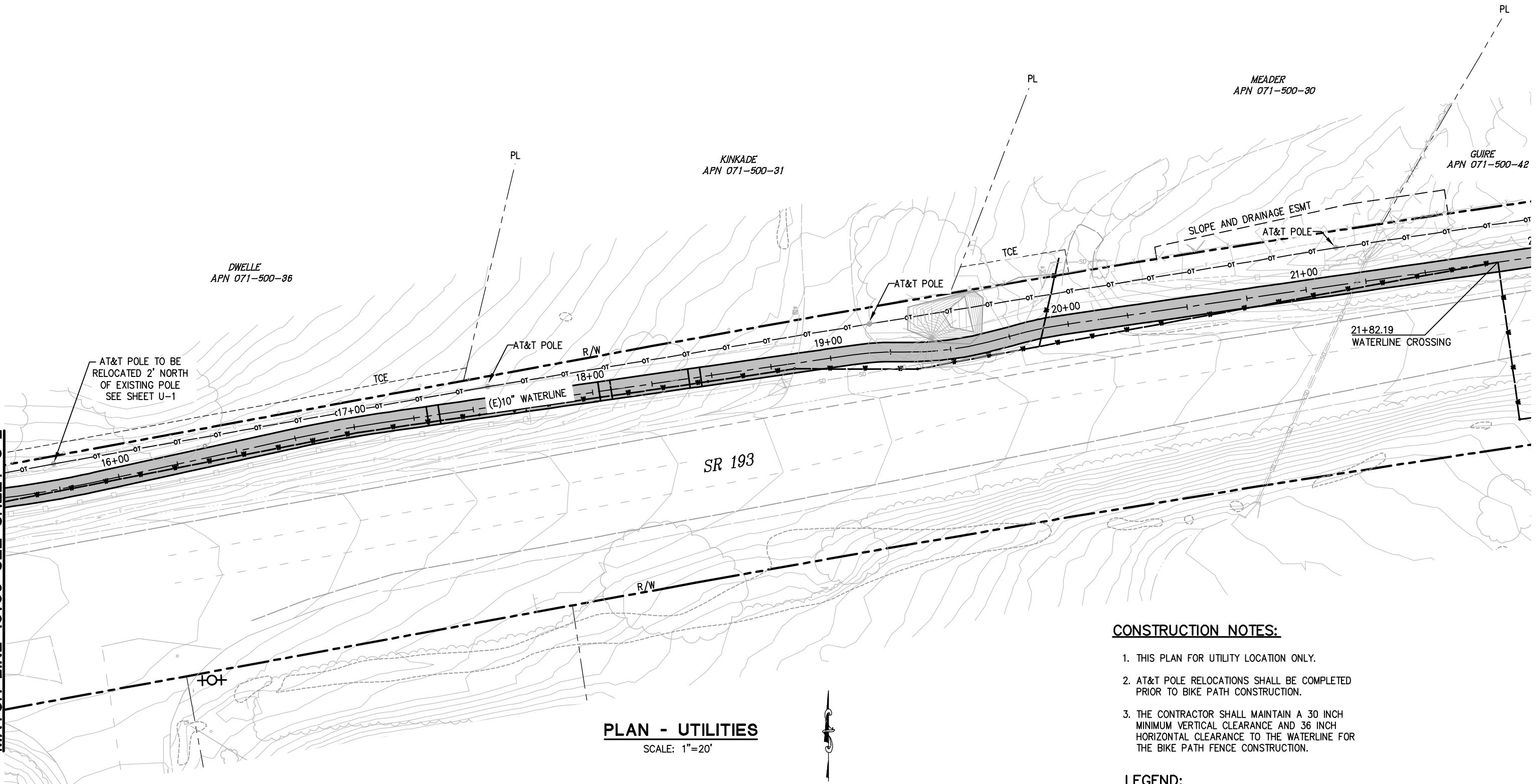
SHEET
U-2
26 OF 33
W.O. No. 72304

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:

- W—W— EXISTING 10 INCH WATERLINE
- OT—OT— EXISTING OVERHEAD TELEPHONE LINES

UTILITY PLAN
SCALE : AS SHOWN

REVISION						PREPARED UNDER THE SUPERVISION OF : <i>Paul J. Hom</i> REGISTERED CIVIL ENGINEER DATE: 05/08/13	DESIGNED: CG	DRAWN: RR		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
							CHECKED: PH	DATE: 4/2/13				
							ROAD NUMBER: SR 193					
	NUMBER	DATE	DESCRIPTION	BY								

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
0

500'-1000' SIGN SPACING PER T-13

1
ALL STAGES
PCMS

CS-2
W20-1
'ROAD WORK AHEAD'

CS-17
W5-1
'ROAD NARROWS'

CS-12
G20-2
'END ROAD WORK'

9+44.59-86.9' LT
BEGIN 10:1 TAPER
9+49.54-57.17 'LT
END 10:1 TAPER

10+76.69-21.62' RT
END K-RAIL, BEGIN ARRAY

11+99.62-29.44' RT
BEGIN K-RAIL, BEGIN ARRAY

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

DWELLE
APN 071-500-36

MATCH LINE 17+00 SHEET SC-2

TO GEORGETOWN

CS-4
W20-1
'ROAD WORK AHEAD'

CS-3
W20-1
'ROAD WORK AHEAD'

CS-11
G20-2
'END ROAD WORK'

CS-18
W5-1
'ROAD NARROWS'

CS-1
W20-1
'ROAD WORK AHEAD'

500'-1000' SIGN SPACING PER T-13

2
ALL STAGES
PCMS

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 NOTES:

1. REFER TO SPECIAL PROVISIONS FOR TRAFFIC HANDLING & ACCESS REQUIREMENTS WITHIN THE WORK AREA.
2. MAINTAIN EXISTING SHOULDER AREA AS LONG AS POSSIBLE.
3. EXACT LOCATION OF CONSTRUCTION AREA SIGNS SHALL BE DETERMINED BY ENGINEER.
4. 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.

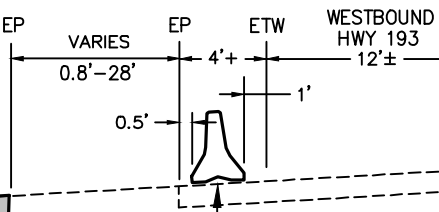
LEGEND:

- 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

**STAGE CONSTRUCTION
SCALE : 1" = 40'**

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

PLAN - BIKE PATH



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

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

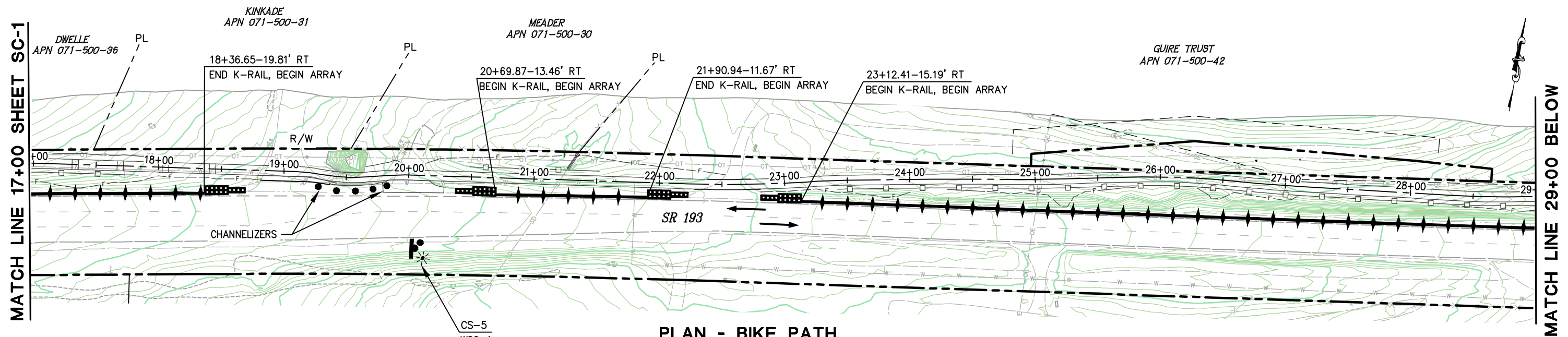


**EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION**

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

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

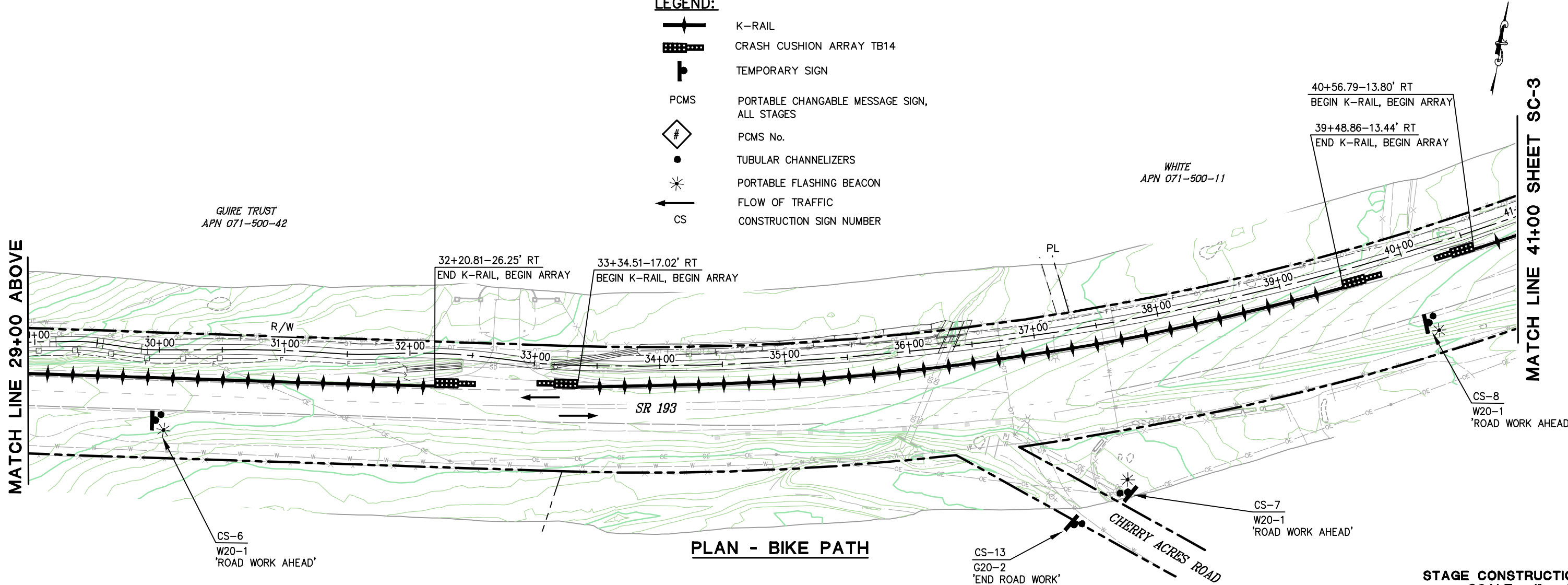
2 ORIGINAL SCALE IS IN INCHES
FOR REDUCED PLANS
Drawing name: C:\Civil 3D Projects\72304 Northside School BikeTrail\CADD Files\Sheets\SC-2.dwg Layout Tab: SC-2 May 09 2013 10:04am SMC\ey



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

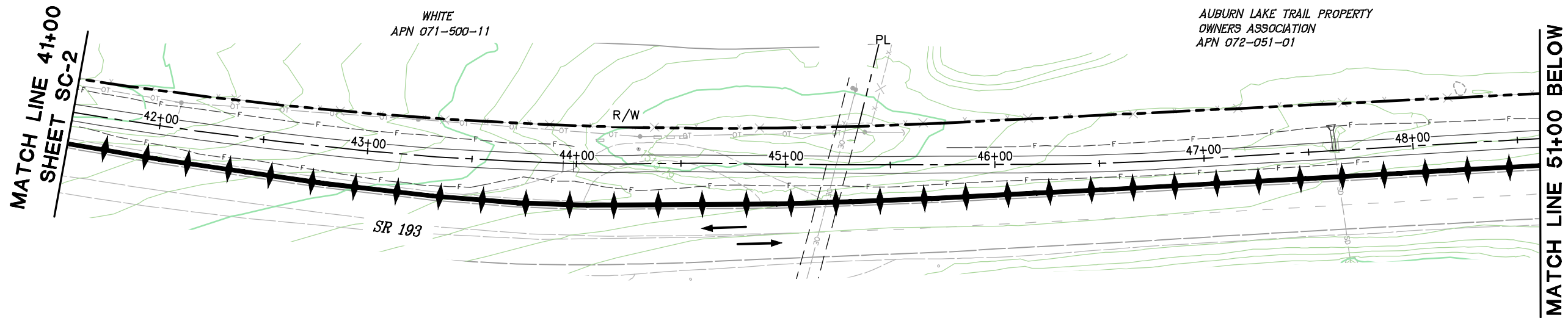
STAGE CONSTRUCTION
SCALE : 1" = 40'

REVISION	DESIGNED:	CG	DRAWN:	RR
	CHECKED:	PH	DATE:	4/2/13
	ROAD NUMBER:	SR 193		
PREPARED UNDER THE SUPERVISION OF:		EL DORADO COUNTY DEPARTMENT OF TRANSPORTATION		
Paul J. Hom REGISTERED CIVIL ENGINEER No. C 63574 License Expires 9-30-14 STATE OF CALIFORNIA		DATE: 05/08/13		
NUMBER		DATE		
DESCRIPTION		BY		

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

SHEET
SC-2
29 OF 33
W.O. No. 72304

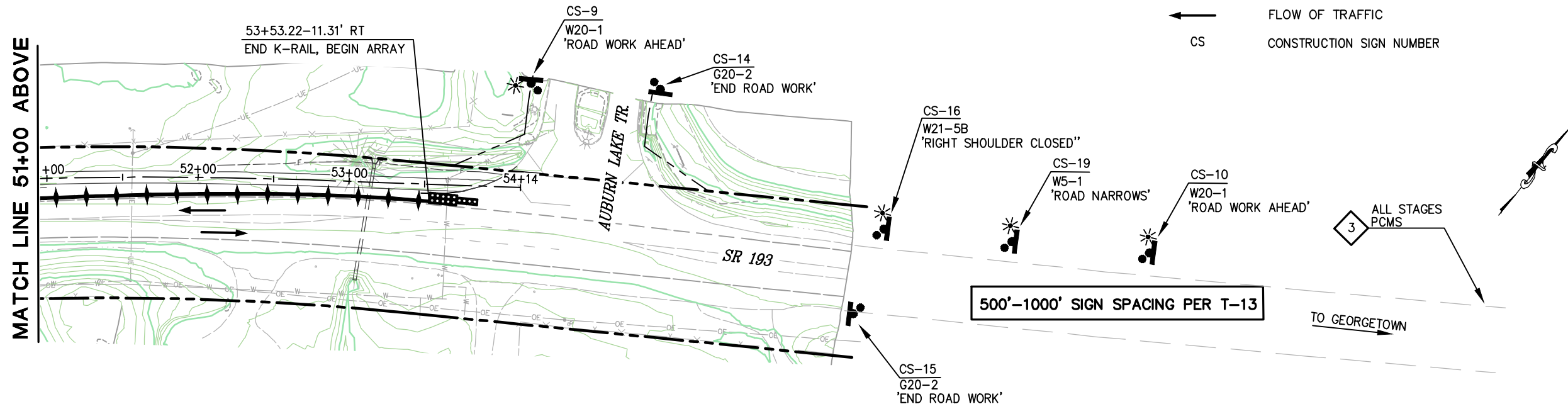
FOR REDUCED PLANS
ORIGINAL SCALE IS IN INCHES
Drawing name: C:\Civil 3D Projects\72304 Northside School BikeTrail\CADD Files\Sheets\SC-3.dwg Layout Tab: SC-3 May 09 2013 - 10:18am SMeVey



PLAN - BIKE PATH

LEGEND:

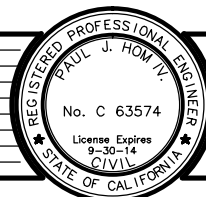
- K-RAIL
- CRASH CUSHION ARRAY TB14
- TEMPORARY SIGN
- PCMS
- PORTABLE CHANGABLE MESSAGE SIGN, ALL STAGES
- PCMS No.
- TUBULAR CHANNELIZERS
- PORTABLE FLASHING BEACON
- FLOW OF TRAFFIC
- CS
- CONSTRUCTION SIGN NUMBER



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

2
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FOR REDUCED PLANS
ORIGINAL SCALE IS IN INCHES
Drawing name: C:\Civil 3D Projects\72304 Northside School BikeTrail\CADD Files\Sheets\SC-4.dwg Layout Tab: SC-4 May 09,2013 -- 6:31am S:\mvey

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

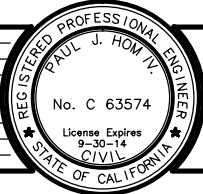
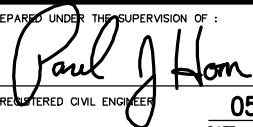
TEMPORARY CHANNELIZERS		
TUBULAR CHANNELIZERS		
LOCATION—ALONG EP, SR 193	L.F.	
19+25—19+75	50	

TEMPORARY CRASH CUSHIONS			
ARRAY TB14 PER T1B			
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 GUIDLINE 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.

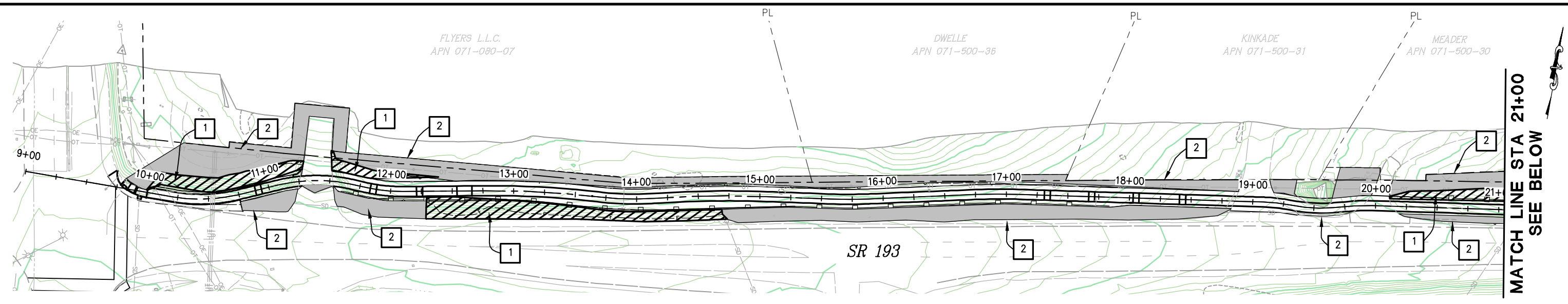
STAGE CONSTRUCTION SIGNS

REVISION					PREPARED UNDER THE SUPERVISION OF :  REGISTERED CIVIL ENGINEER DATE: 05/08/13	DESIGNED: CG	DRAWN: RR		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
						CHECKED: PH	DATE: 4/2/13				
						ROAD NUMBER: SR 193					
	NUMBER	DATE	DESCRIPTION			BY					

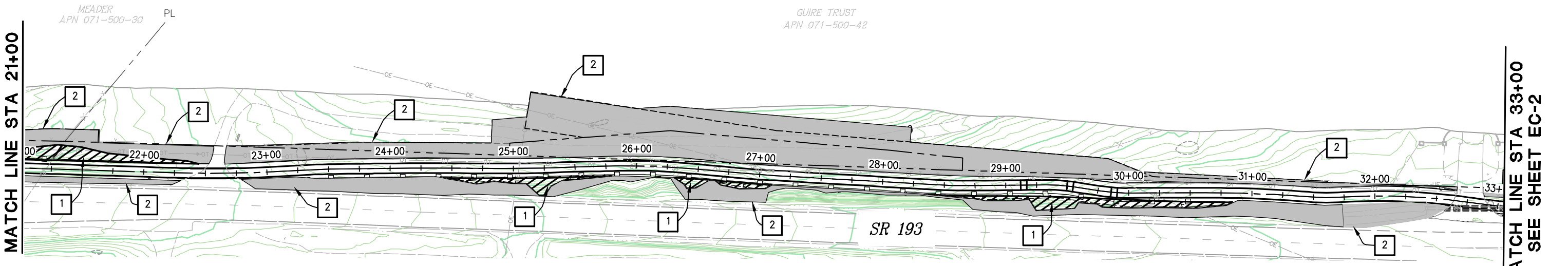
ORIGINAL SCALE IS IN INCHES
Drawing name: C:\Civil 3D Projects\72304 Northside School Bike Trail\CADD Files\Sheets\EC-1.dwg Layout Tab: EC-1 May 09, 2013 10:22am SMC\vey

FOR REDUCED PLANS

2
1
0



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



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

GENERAL NOTE:

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

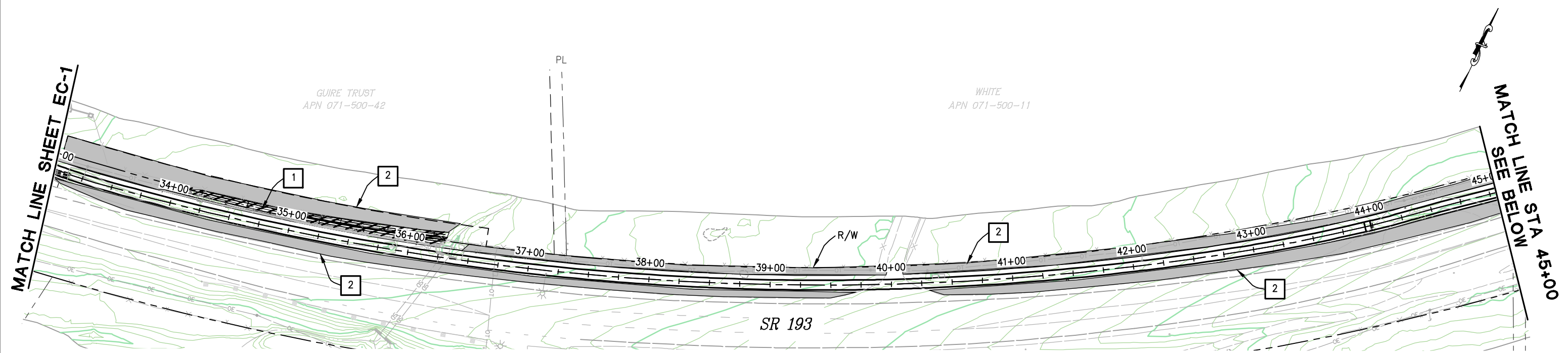
LEGEND

- | | | |
|---|---|---|
| 1 | CUT/FILL SLOPES 2:1 OR STEEPER, ROLLED EROSION CONTROL PRODUCT (BLANKET) TYPE A WITH HYDROSEED. 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. |  |

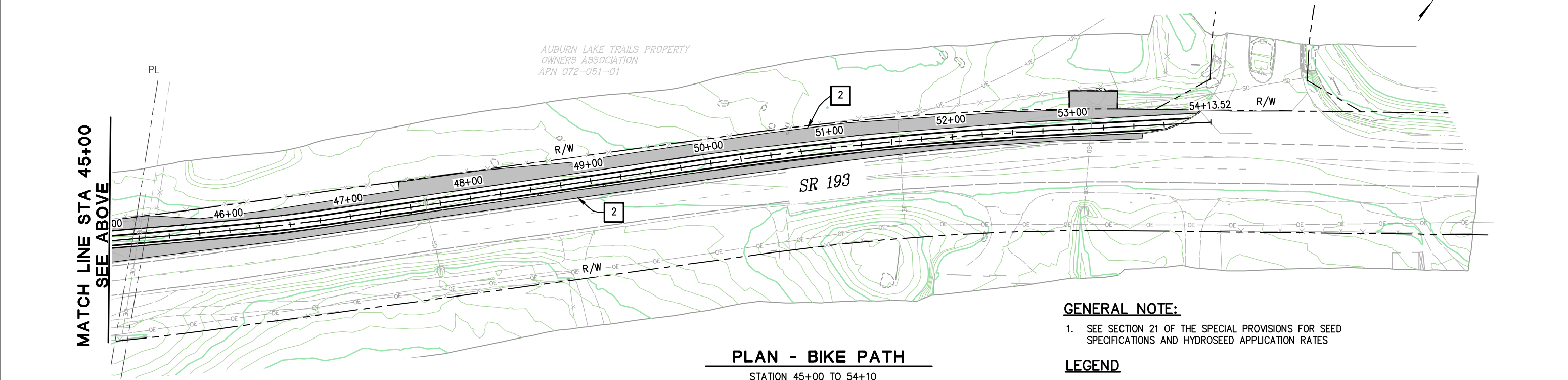
EROSION CONTROL PLAN
SCALE : 1" = 40'

REVISION						PREPARED UNDER THE SUPERVISION OF : <i>Paul J. Hom</i> REGISTERED CIVIL ENGINEER DATE: 05/08/13	DESIGNED: CG	DRAWN: RR		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	
							CHECKED: PH	DATE: 4/2/13					ROAD NUMBER: SR 193
	NUMBER	DATE	DESCRIPTION	BY									

2 ORIGINAL SCALE IS IN INCHES
FOR REDUCED PLANS
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 SMeVey



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



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

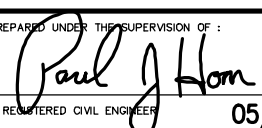
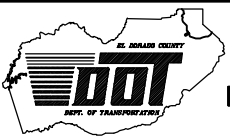
GENERAL NOTE:

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 FOR REDUCED PLANS						PREPARED UNDER THE SUPERVISION OF :  REGISTERED CIVIL ENGINEER DATE: 05/08/13	DESIGNED: CG	DRAWN: RR		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
	NUMBER	DATE	DESCRIPTION	BY			CHECKED: PH	DATE: 4/2/13	ROAD NUMBER: SR 193			