

DEPARTMENT OF TRANSPORTATION
COUNTY OF EL DORADO, CA

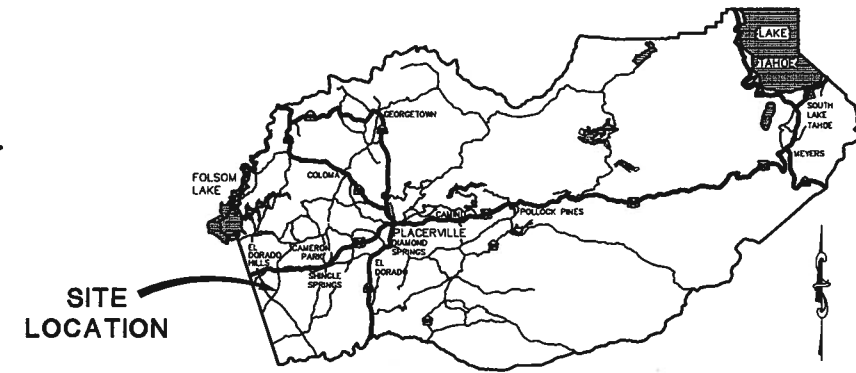
PROJECT PLANS FOR THE CONSTRUCTION OF
**WHITE ROCK ROAD WIDENING
AND SIGNALIZATION**

IN THE COUNTY OF EL DORADO, DISTRICT 2
APPROXIMATELY 0.44 MILES SOUTH OF US-50

To be supplemented with Standard Plans and Specifications dated May 2006, including the
amendments to the May 2006 Standard Specifications, updated August 15, 2008, of the
California Department of Transportation, unless otherwise noted.

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VICINITY MAP
COUNTY OF EL DORADO

BOARD OF SUPERVISORS

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

COUNTY OF EL DORADO
DEPARTMENT OF
TRANSPORTATION

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

APPROVED BY:

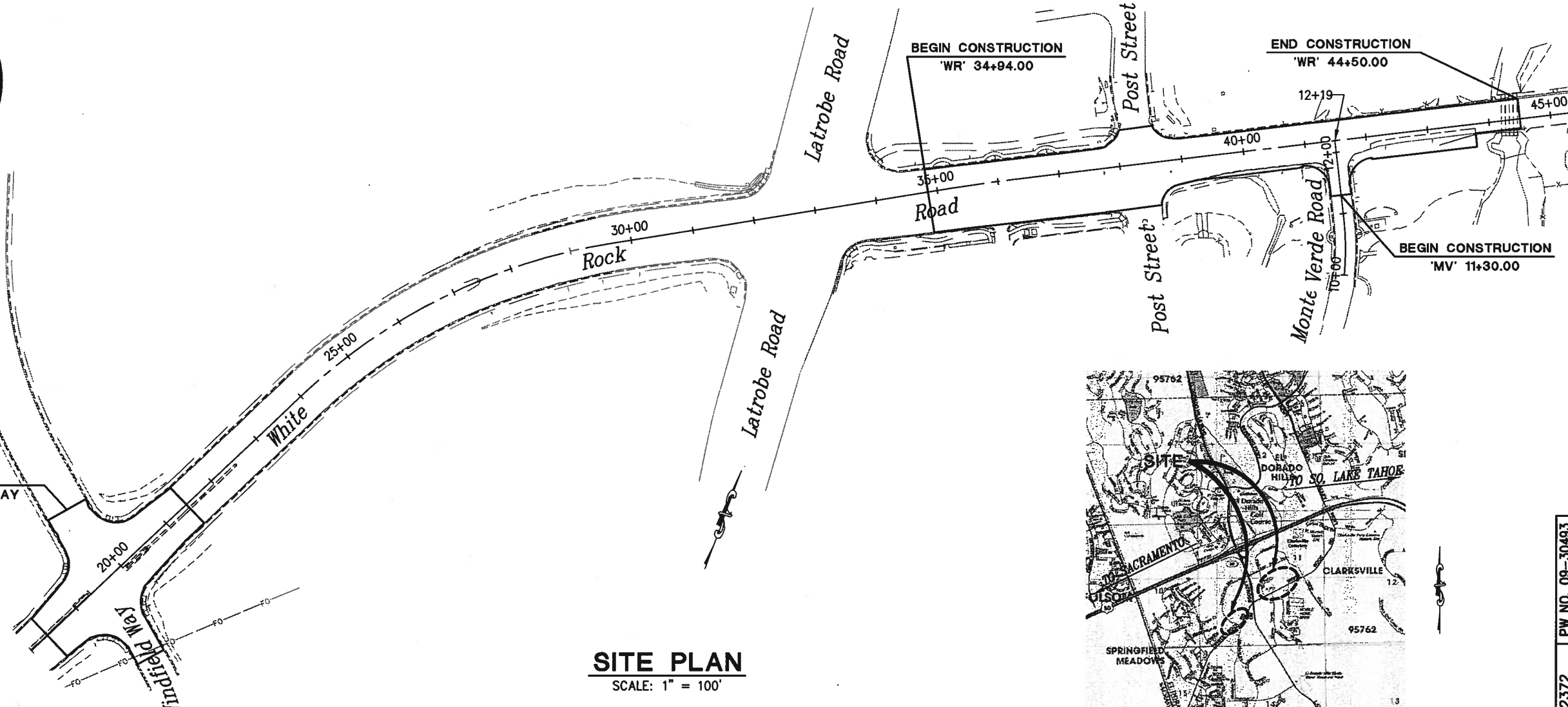
RON V. BRIGGS
CHAIRMAN, EL DORADO COUNTY BOARD OF SUPERVISORS

JAMES W. WARE, P.E., NO. C61035
DIRECTOR, EL DORADO COUNTY DEPARTMENT OF TRANSPORTATION

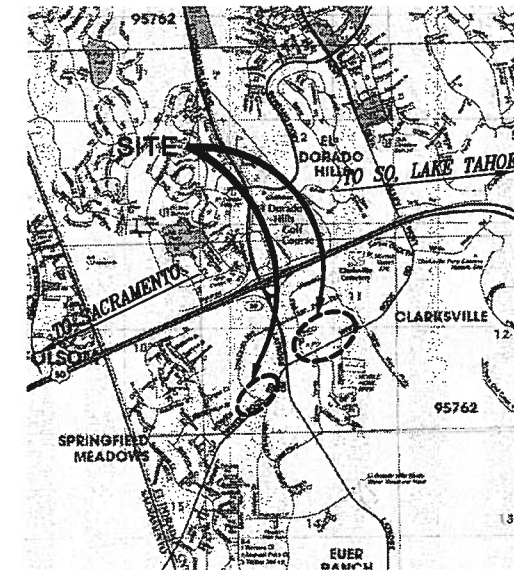
MATTHEW D. SHELTER, P.E., NO. C56832
DEPUTY DIRECTOR OF ENGINEERING, EL DORADO COUNTY DEPARTMENT OF TRANSPORTATION

DATE _____

INSTALL TRAFFIC SIGNAL
AT WHITE ROCK ROAD & WINDFIELD WAY



SITE PLAN
SCALE: 1" = 100'



LOCATION MAP
NOT TO SCALE

CONTRACT NO. 72372 PW NO. 09-30493

WHITE ROCK ROAD WIDENING
AND SIGNALIZATION
TITLE SHEET

SHEET 1 OF 23

REVISIONS

MARK	DATE	BY



SUBMITTED BY: PAUL HOM DATE _____
CIVIL ENGINEER
STATE OF CALIFORNIA NO. C63574

PRELIMINARY 100%

Drawing name: C:\Civil 3D Projects\72372 White Rock Road to Keables\CADD Files\Sheets\Reduced Budget Plan Sheets\CD-1.dwg
 Layout Tab: CD-1 Jul 14, 2010 - 1
 ORIGINAL SCALE IS IN INCHES
 FOR REDUCED PLANS
 2
 1
 0

WR-LINE				
NUMBER	LENGTH	RADIUS	LINE / CHORD DIRECTION & LENGTH	DELTA
C1	715.73	2500.00	N 34° 34' 01" E - 713.29	16° 24' 12"
C2	569.82	950.00	N 43° 32' 55" E - 561.31	34° 21' 59"
C3	148.51	5000.00	N 62° 13' 50" E - 148.51	1° 42' 07"
C4	294.55	109967.00	N 63° 09' 30" E - 294.55	0° 09' 12"
C5	199.89	30033.00	N 63° 02' 39" E - 199.89	0° 22' 53"
L1	124.18		N 42° 46' 07" E	
L2	557.71		N 26° 21' 55" E	
L3	554.29		N 60° 43' 54" E	
L4	277.58		N 63° 04' 53" E	
L5	644.00		N 63° 14' 06" E	

WF-LINE				
NUMBER	LENGTH	RADIUS	LINE / CHORD DIRECTION & LENGTH	DELTA
C7	382.34	700.00	N 33° 56' 21" W - 377.60	31° 17' 41"
C8	403.80	304.00	N 11° 32' 01" W - 374.76	76° 06' 21"
L8	177.21		N 18° 17' 30" W	
L9	387.25		N 49° 35' 12" W	
L10	25.42		N 26° 31' 09" E	

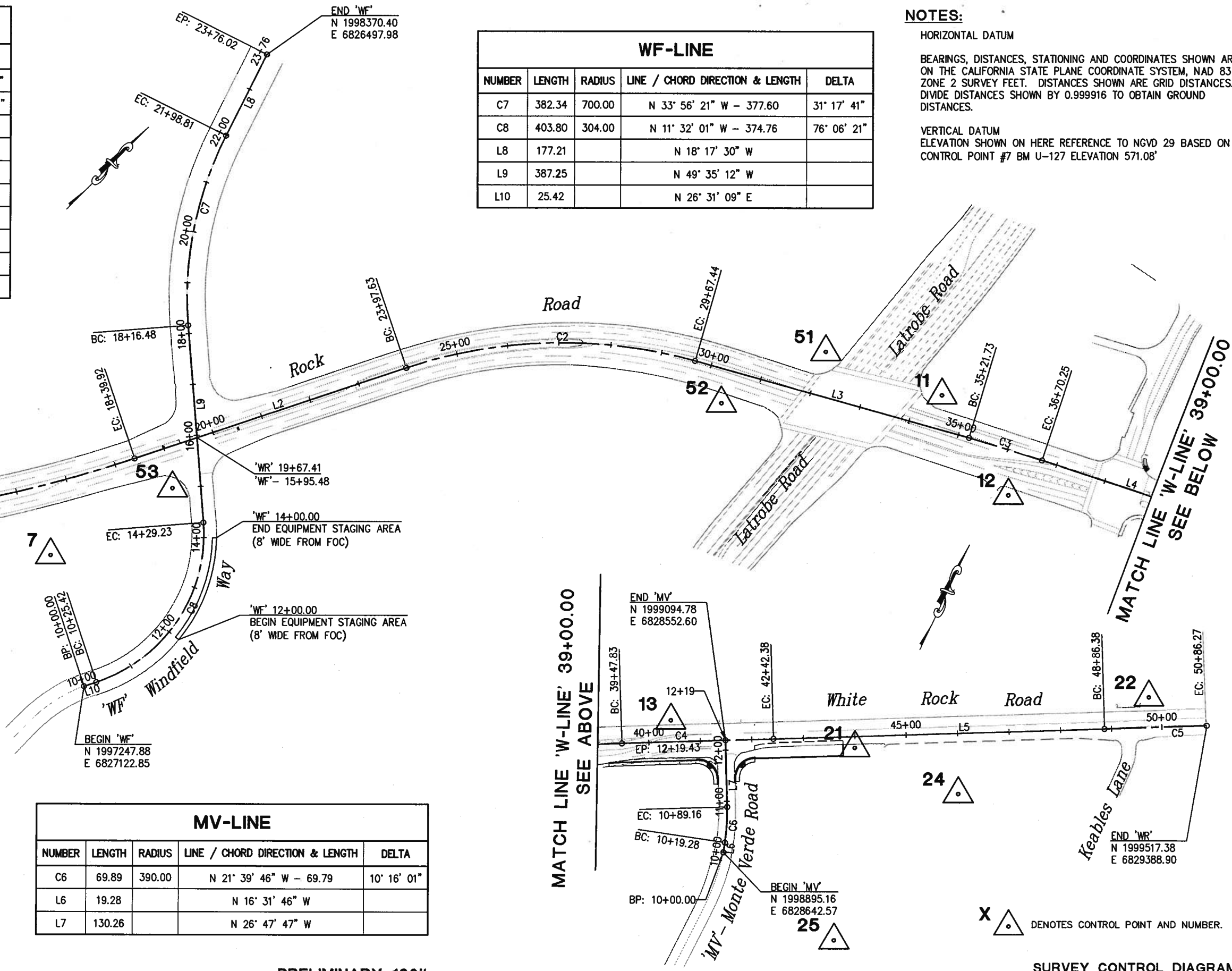
NOTES:

HORIZONTAL DATUM
 BEARINGS, DISTANCES, STATIONING AND COORDINATES SHOWN ARE ON THE CALIFORNIA STATE PLANE COORDINATE SYSTEM, NAD 83 ZONE 2 SURVEY FEET. DISTANCES SHOWN ARE GRID DISTANCES. DIVIDE DISTANCES SHOWN BY 0.999916 TO OBTAIN GROUND DISTANCES.

VERTICAL DATUM
 ELEVATION SHOWN ON HERE REFERENCE TO NGVD 29 BASED ON CONTROL POINT #7 BM U-127 ELEVATION 571.08'

CONTROL TABLE				
CONTROL NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
7	1997382.25	6826893.88	571.08	CP U-127
11	1998830.43	6827897.69	599.49	CP
12	1998783.70	6828127.32	599.48	CP
13	1999085.00	6828439.71	583.55	CP
21	1999187.63	6828786.14	578.73	CP
22	1999520.34	6829263.72	594.16	CP
23	1999664.62	6829722.82	594.31	CP
24	1999191.36	6829007.14	584.30	CP
25	1998830.52	6828909.96	581.06	CP
51	1998729.96	6827677.01	605.14	CP 10in
52	1998515.59	6827605.29	599.25	CP 10in
53	1997642.58	6826969.28	563.82	CP 10in

MV-LINE				
NUMBER	LENGTH	RADIUS	LINE / CHORD DIRECTION & LENGTH	DELTA
C6	69.89	390.00	N 21° 39' 46" W - 69.79	10° 16' 01"
L6	19.28		N 16° 31' 46" W	
L7	130.26		N 26° 47' 47" W	

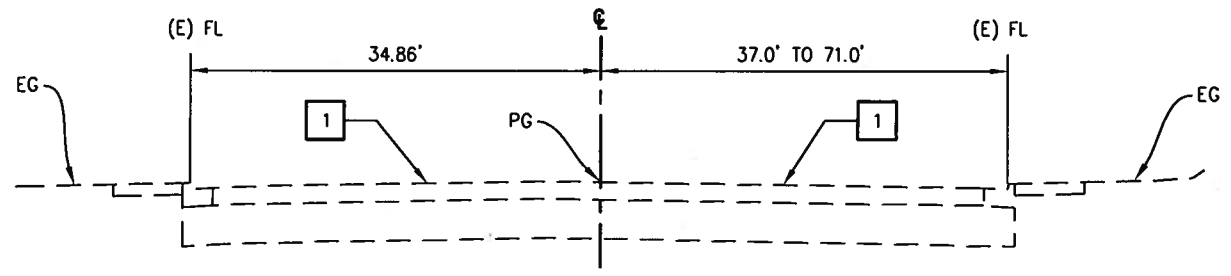


PRELIMINARY 100%

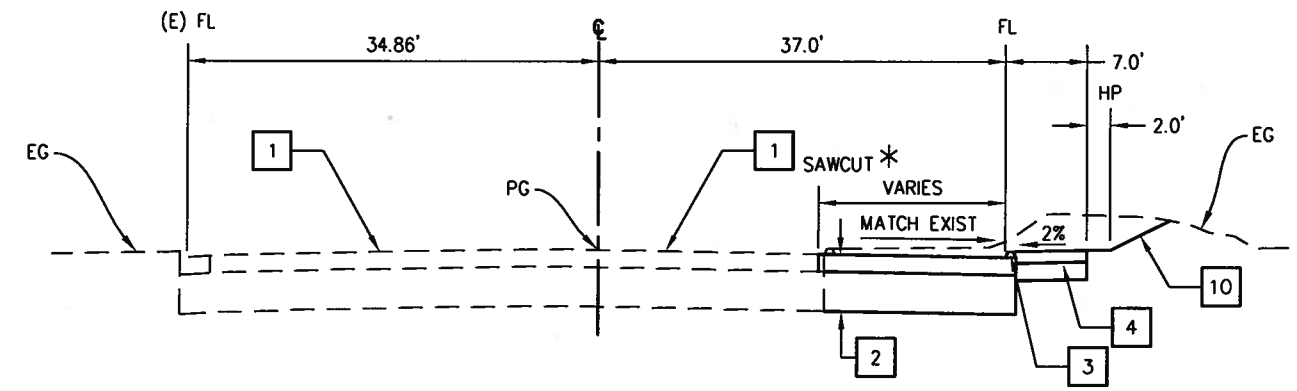
SURVEY CONTROL DIAGRAM
 SCALE : 1" = 50'

PREPARED UNDER THE SUPERVISION OF: _____ PROFESSIONAL LAND SURVEYOR DATE: _____	DESIGNED: PH	DRAWN: AN		EL DORADO COUNTY DEPARTMENT OF TRANSPORTATION	WHITE ROCK ROAD WIDENING AND SIGNALIZATION	SHEET CD-1 2 OF 23 W.O. No. 72372
	CHECKED: DOT	DATE: 7/7/2010				

Drawing name: C:\Civil 3D Projects\72372 White Rock Road to Keables\CADD Files\Sheets\Reduced Budget Plan Sheets\X-1.dwg Layout Tab: X-1 Jul 07 2010 - 11:11
 ORIGINAL SCALE IS IN INCHES
 FOR REDUCED PLANS



'WR' - 34+85.00 TO 39+21.02



'WR' - 39+21.02 TO 40+92.91

* SEE DETAIL 2 ON SHEET C-1 & SHEET L-2 FOR SAWCUT LOCATIONS

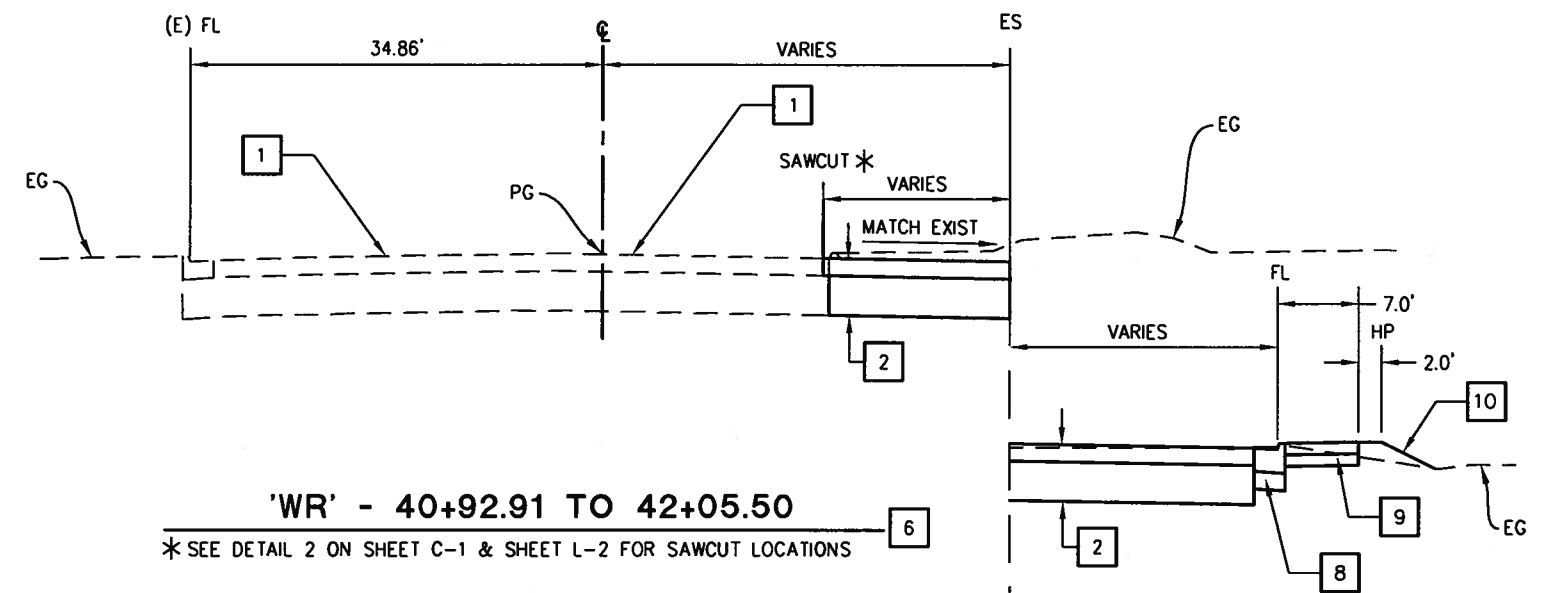
GENERAL NOTES:

- EXACT LOCATION OF SAWCUT, TYPES OF DIKE, CURB AND GUTTER, AND SIDEWALKS ARE SHOWN ON LAYOUT SHEETS.

DESIGN DESIGNATION	
2008 ADT	10,122
2030 ADT	53,400
R	13
Ti	9

CONSTRUCTION NOTES:

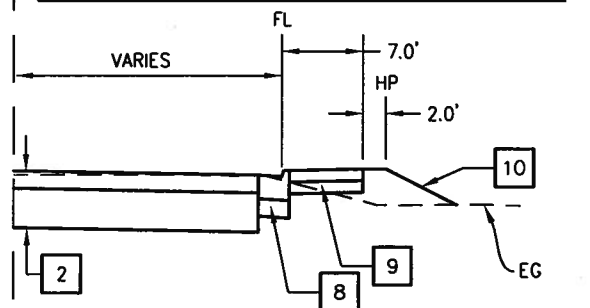
- 1 - TYPE II SLURRY SEAL.
- 2 - 0.5' HMA (TYPE A)
1.13' AB (CLASS II)
TYPE II SLURRY SEAL
- 3 - TYPE A HMA DIKE ON 0.5' HMA & 1.13' AB. SEE CALTRANS STANDARD A87B.
- 4 - 0.33' HMA ON 0.5' AB (CLASS II) SIDEWALK. SEE DETAIL 3, SHEET C-1.
- 6 - FOR INTERSECTION DETAIL, SEE SHEET C-1
- 8 - TYPE A2-6 CURB AND GUTTER WITH 0.5' AB (CLASS II), SEE CALTRANS STANDARD A88A.
- 9 - 0.33' CONCRETE ON 0.33' AB (CLASS II) SIDEWALK.
- 10 - CUT SLOPE 2:1, FILL SLOPE 3:1
- 13 - 2" AB SHOULDER BACKING



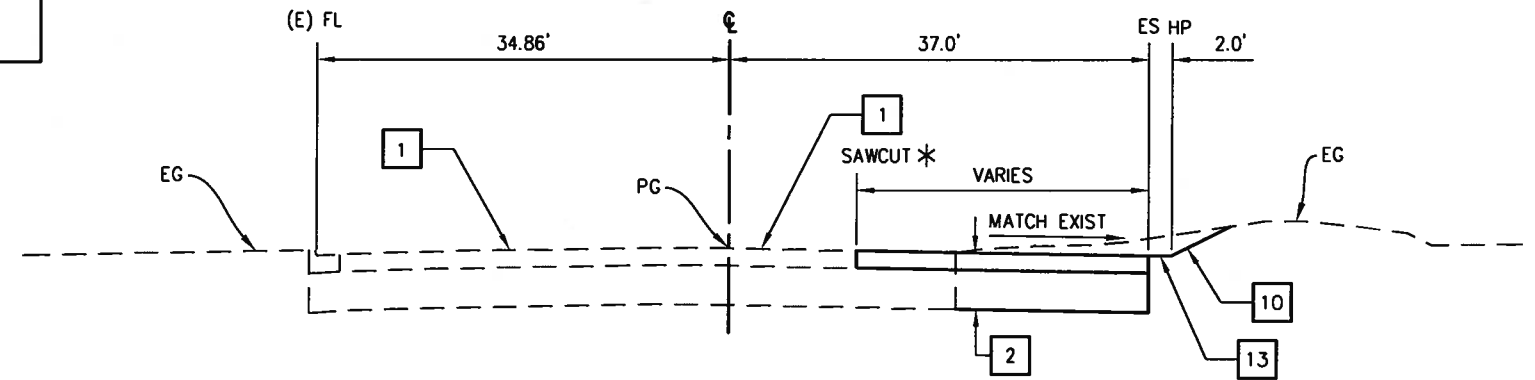
'WR' - 40+92.91 TO 42+05.50

* SEE DETAIL 2 ON SHEET C-1 & SHEET L-2 FOR SAWCUT LOCATIONS

'WR' - 40+92.91 TO 41+33.19
'MV' - 11+44.38 TO 11+84.40



'WR' - 41+65.34 TO 42+05.50
'MV' - 11+44.41 TO 11+84.43



'WR' - 42+05.50 TO 43+76.66

* SEE DETAIL 2 ON SHEET C-1 & SHEET L-2 FOR SAWCUT LOCATIONS

PRELIMINARY 100%

TYPICAL SECTIONS
SCALE: N/A

REVISION	NUMBER	DATE	DESCRIPTION	BY

PREPARED UNDER THE SUPERVISION OF:	DESIGNED: PH	DRAWN: AN
REGISTERED CIVIL ENGINEER	CHECKED: DOT	DATE: 7/7/2010
DATE:	ROAD NUMBER: 34	

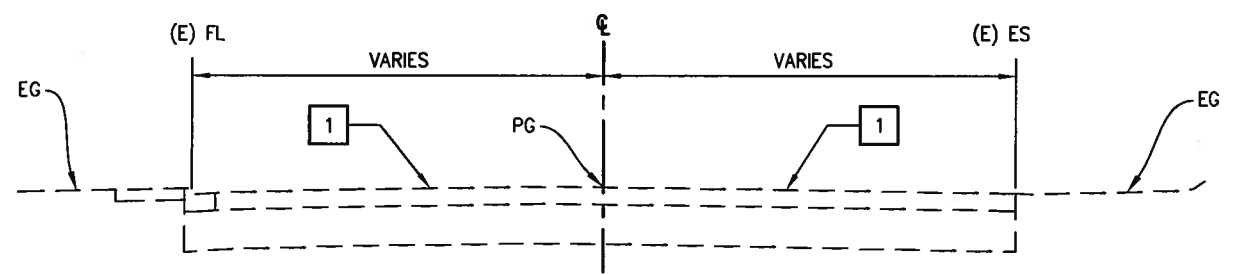


EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION

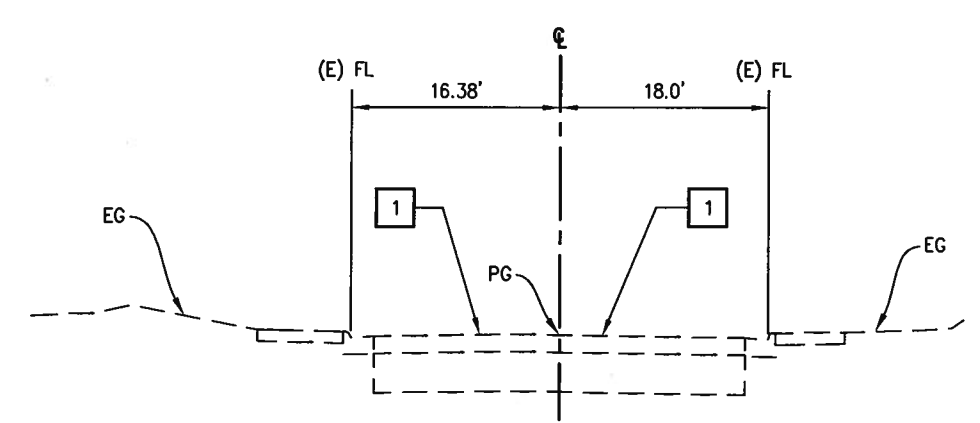
WHITE ROCK ROAD WIDENING
AND SIGNALIZATION

SHEET	X-1
3 OF 23	
W.O. No.	72372

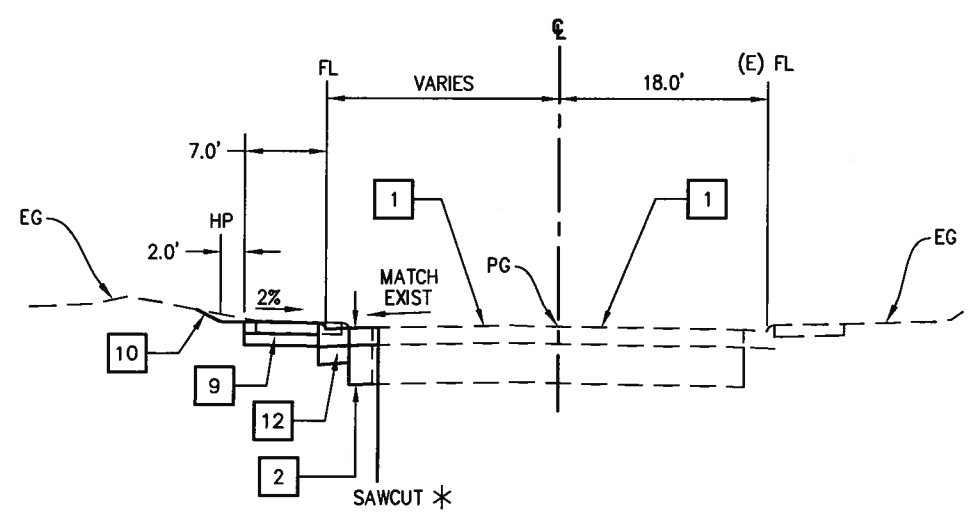
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 Layout Tab: X-2 Jul 07, 2010 - 11:11
 ORIGINAL SCALE IS IN INCHES
 FOR REDUCED PLANS
 2
 1
 0



'WR' - 43+76.66 TO 45+50.00



'MV' - 11+30.00 TO 11+34.27



'MV' - 11+34.27 TO 11+38.21

*SEE DETAIL 2 ON SHEET C-1 & SHEET L-2 FOR SAWCUT LOCATIONS

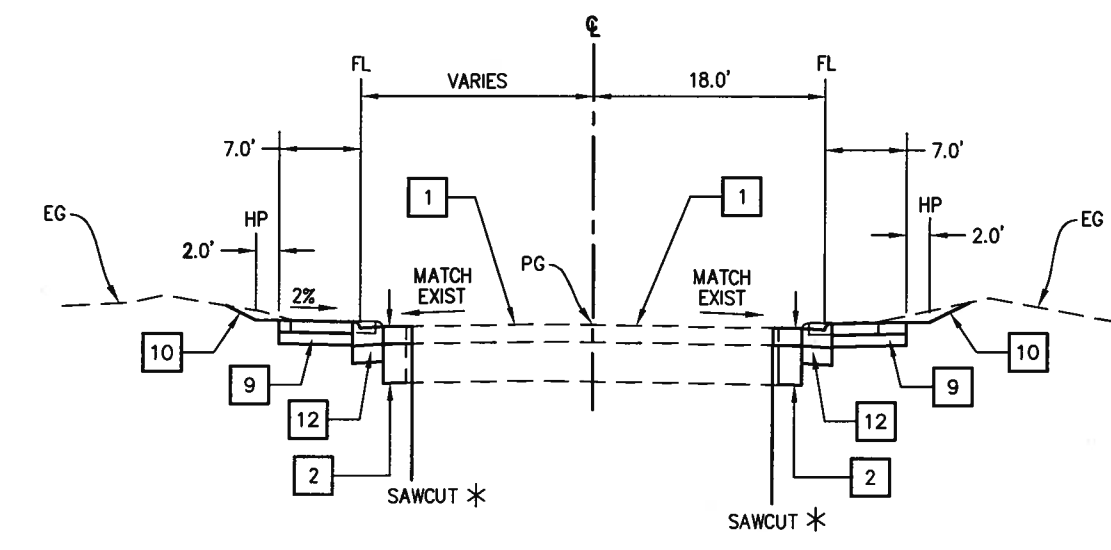
DESIGN DESIGNATION	
2008 ADT	10,122
2030 ADT	53,400
R	13
Tl	9

GENERAL NOTES:

- EXACT LOCATION OF SAWCUT, TYPES OF DIKE, CURB AND GUTTER, AND SIDEWALKS ARE SHOWN ON LAYOUT SHEETS.

CONSTRUCTION NOTES:

- 1 - TYPE II SLURRY SEAL.
- 2 - 0.5' HMA (TYPE A)
1.13' AB (CLASS II)
TYPE II SLURRY SEAL
- 9 - 0.33' CONCRETE ON 0.33' AB (CLASS II) SIDEWALK.
- 10 - CUT SLOPE 2:1, FILL SLOPE 3:1
- 12 - TYPE 1 ROLLED CURB AND GUTTER WITH 0.5' AB (CLASS II), SEE EDC STANDARD PLAN 104.



'MV' - 11+38.21 TO 11+44.41

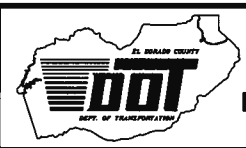
*SEE DETAIL 2 ON SHEET C-1 & SHEET L-2 FOR SAWCUT LOCATIONS

PRELIMINARY 100%

**TYPICAL SECTIONS
SCALE : N/A**

REVISION	NUMBER	DATE	DESCRIPTION	BY

PREPARED UNDER THE SUPERVISION OF :	DESIGNED: PH	DRAWN: AN
REGISTERED CIVIL ENGINEER	CHECKED: DOT	DATE: 7/7/2010
DATE:	ROAD NUMBER: 34	

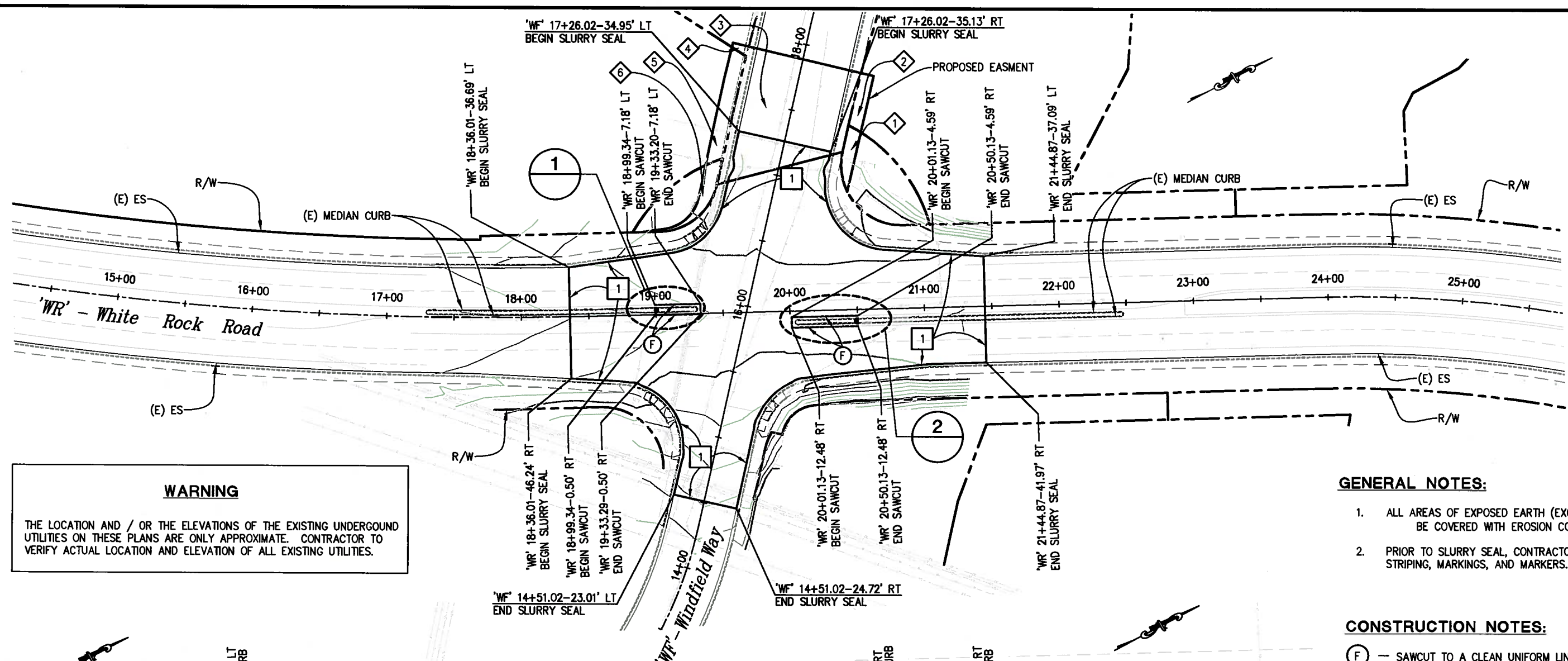


**EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION**

**WHITE ROCK ROAD WIDENING
AND SIGNALIZATION**

SHEET	X-2
4 OF 23	
W.O. No.	72372

Drawing name: C:\Civil 3D Projects\72372 White Rock Road to Keables\CADD\Sheets\Reduced Budget Plan Sheets\L-1.dwg Layout Tab: L-1 Jul 07, 2010 - 11:11:11
 ORIGINAL SCALE IS IN INCHES
 FOR REDUCED PLANS



WARNING

THE LOCATION AND / OR THE ELEVATIONS OF THE EXISTING UNDERGROUND UTILITIES ON THESE PLANS ARE ONLY APPROXIMATE. CONTRACTOR TO VERIFY ACTUAL LOCATION AND ELEVATION OF ALL EXISTING UTILITIES.

- GENERAL NOTES:**
- ALL AREAS OF EXPOSED EARTH (EXCEPT MEDIAN), SHOULD BE COVERED WITH EROSION CONTROL (TYPE D).
 - PRIOR TO SLURRY SEAL, CONTRACTOR SHALL REMOVE ALL STRIPING, MARKINGS, AND MARKERS.

- CONSTRUCTION NOTES:**
- (F) - SAWCUT TO A CLEAN UNIFORM LINE 2' OUTSIDE EXISTING RAISED MEDIAN CURB. REMOVE EXISTING MEDIAN CURB & HMA. PAVE 0.67" NEW HMA SURFACE. SEE DETAIL 2, SHEET C-2.
 - 1 - TYPE II SLURRY SEAL.
 - 7 - TYPE A1-6 CURB, SEE CALTRANS STANDARD A87A.
 - 14 - REMOVE MEDIAN CURB & AC SURFACE. SEE DETAIL 2, SHEET C-2.
 - 1 - APN 117-160-61
 - 2 - APN 117-160-57
 - 3 - APN 117-160-19
 - 4 - APN 117-160-45
 - 5 - APN 117-160-44
 - 6 - APN 117-160-60

1 EASTBOUND MEDIAN DETAIL
SCALE: 1" = 10'

2 EASTBOUND MEDIAN DETAIL
SCALE: 1" = 10'

PRELIMINARY 100%

WHITE ROCK ROAD AND WINDFIELD WAY LAYOUT
SCALE : AS SHOWN

REVISION	NUMBER	DATE	DESCRIPTION	BY

PREPARED UNDER THE SUPERVISION OF :

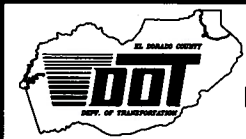
REGISTERED CIVIL ENGINEER

DATE: _____

DESIGNED: PH AN

CHECKED: DOT DATE: 7/7/2010

ROAD NUMBER: 34

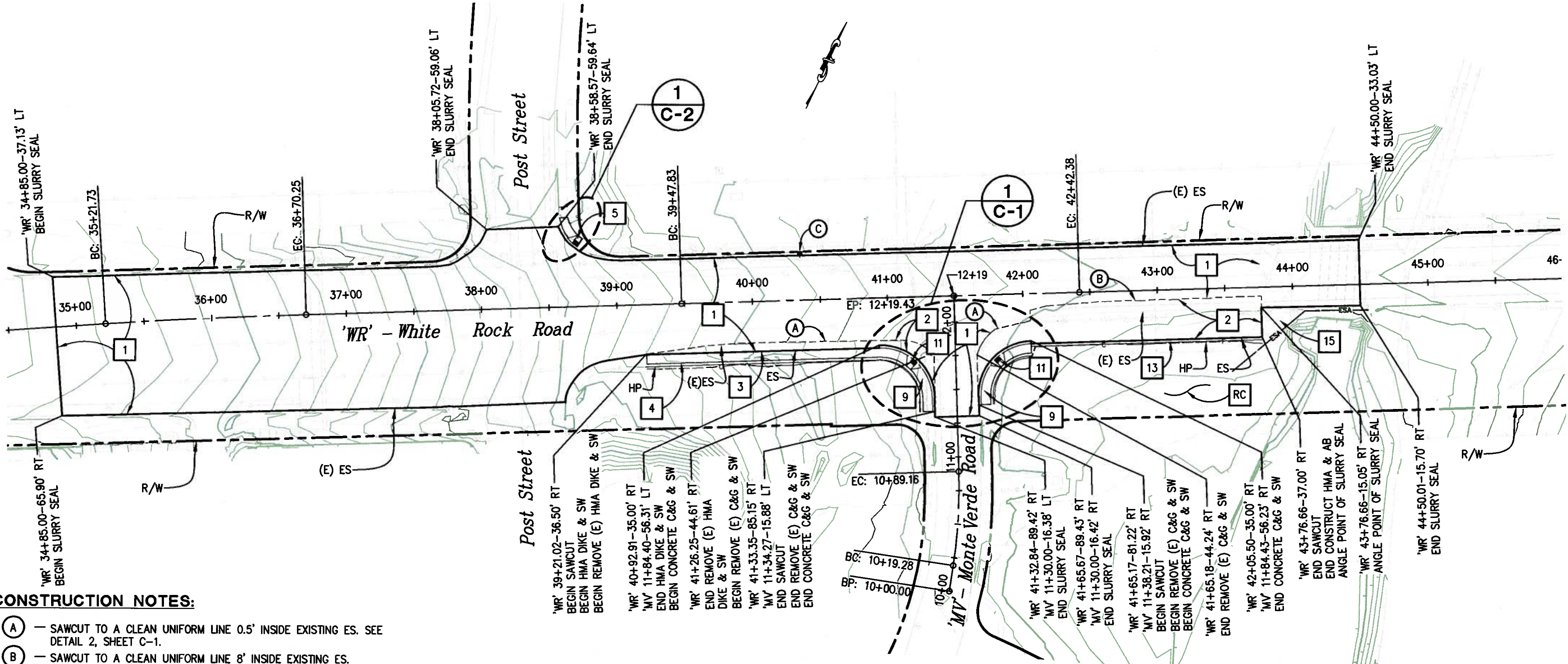


EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION

WHITE ROCK ROAD WIDENING
AND SIGNALIZATION

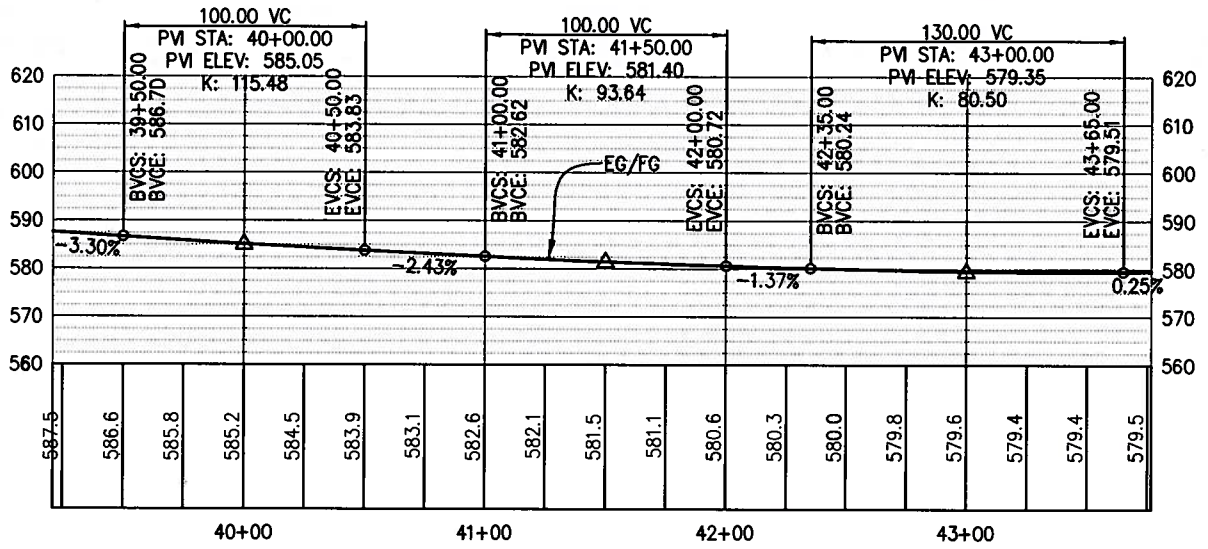
SHEET
L-1
5 OF 23
W.O. No. **72372**

Drawing name: C:\Civil 3D Projects\72372 White Rock Road to Keables\CADD Files\Sheets\Reduced Budget Plan Sheets\L-2.dwg Layout Tab: L-2 Jul 07, 2010 - 1:13
 ORIGINAL SCALE IS IN INCHES
 FOR REDUCED PLANS



CONSTRUCTION NOTES:

- (A) - SAWCUT TO A CLEAN UNIFORM LINE 0.5' INSIDE EXISTING ES. SEE DETAIL 2, SHEET C-1.
- (B) - SAWCUT TO A CLEAN UNIFORM LINE 8' INSIDE EXISTING ES. SEE DETAIL 2, SHEET C-1.
- (C) - DI, SEE SHEET D-1.
- 1 - TYPE II SLURRY SEAL.
- 2 - 0.5' HMA (TYPE A) & 1.13' AB (CLASS II). TYPE II SLURRY SEAL.
- 3 - TYPE A HMA DIKE ON 0.5' HMA. SEE CALTRANS STANDARD A87B.
- 4 - 0.33' HMA ON 0.5' AB (CLASS II) SIDEWALK. SEE DETAIL 3, SHEET C-1.
- 5 - CURB RAMP (CASE G), SEE CALTRANS STANDARD A88A.
- 9 - REMOVE EXISTING CURB GUTTER AND SIDE WALK AND CONSTRUCT 0.33' CONCRETE ON 0.33' AB (CLASS II) SIDEWALK.
- 11 - CURB RAMP (CASE A), SEE CALTRANS STANDARD A88A.
- 13 - 2" AB SHOULDER BACKING
- 15 - TEMPORARY FENCE (ESA TYPE)
- RC - EXISTING TRAFFIC SIGNAL POLES AND MAST ARMS FOUND ON THE GROUND BEHIND CONCRETE BARRIER TO BE REMOVE AND BECOME THE PROPERTY OF THE CONTRACTOR.



PROFILE - 'WR' WHITE ROCK ROAD

PRELIMINARY 100% SCALE: 1" = 40'H, 1" = 20'V

GENERAL NOTES:

1. SEE SPD-SHEETS FOR SIGNS AND STRIPING.
2. CONTRACTOR SHALL MAINTAIN TWO WAY TRAFFIC ON MONTE VERDE ROAD AT ALL TIMES (20' MINIMUM). EXCEPT FOR DRAINAGE WORK WHEN ONE WAY REVERSING CONTROL IS ALLOWED PER THE LANE CLOSURE CHART THE SPECIAL PROVISIONS.
3. ALL AREAS OF EXPOSED EARTH (EXCEPT MEDIAN), SHOULD BE COVERED WITH EROSION CONTROL (TYPE D).
4. PRIOR TO SLURRY SEAL, CONTRACTOR SHALL REMOVE ALL STRIPING, MARKINGS, AND MARKERS.

LAYOUT & PROFILE SCALE : 1" = 40'

REVISION	NUMBER	DATE	DESCRIPTION	BY

PREPARED UNDER THE SUPERVISION OF :

REGISTERED CIVIL ENGINEER

DATE: _____

DESIGNED: PH AN

CHECKED: DOT DATE: 7/7/2010

ROAD NUMBER: 34

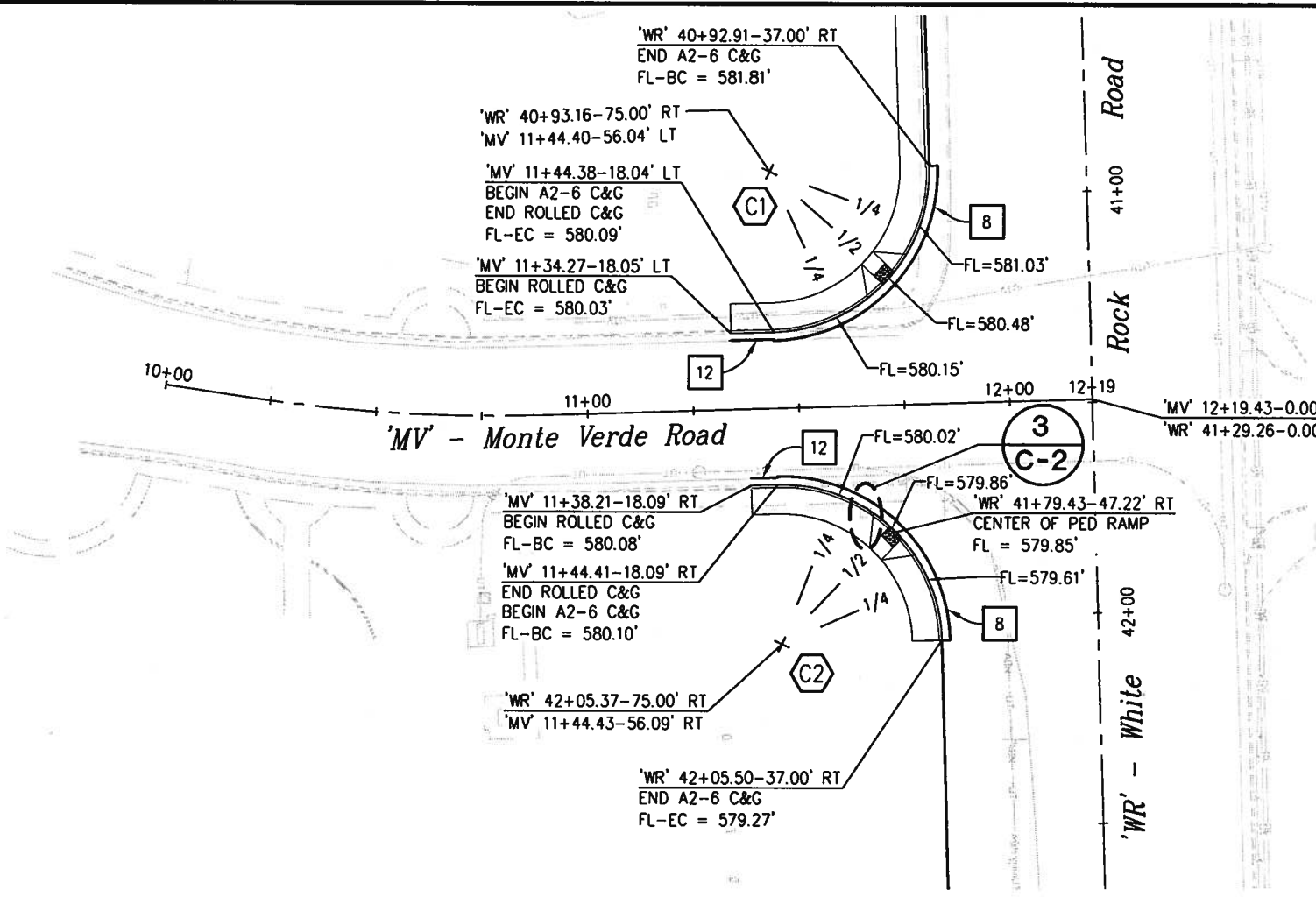


EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION

WHITE ROCK ROAD WIDENING AND SIGNALIZATION

SHEET
L-2
 6 OF 23
 W.O. No. **72372**

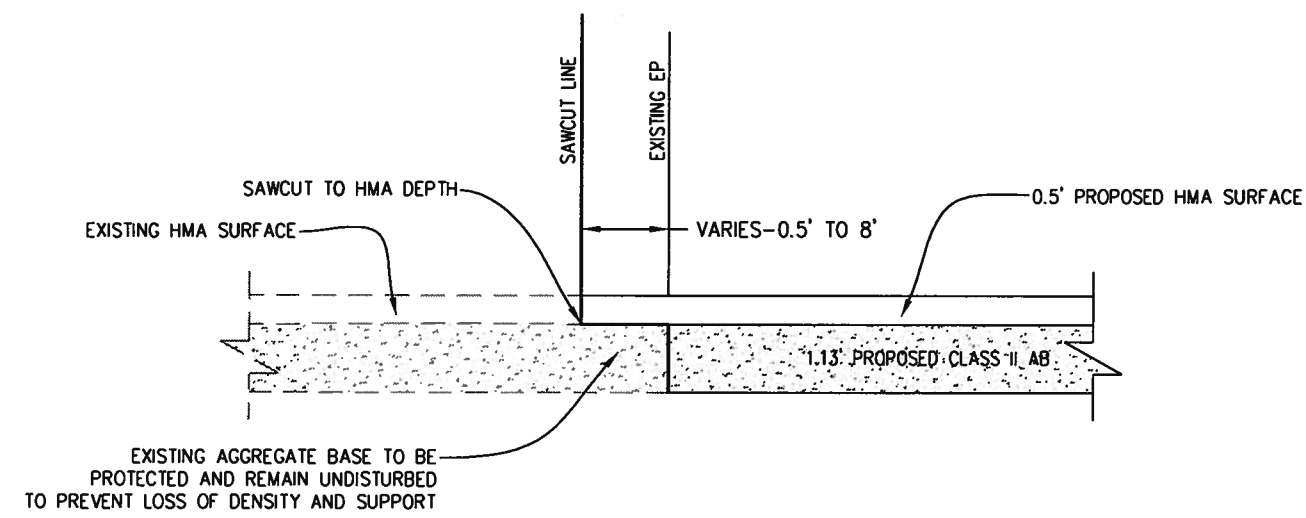
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 Layout Tab: C-1 Jul 07, 2010 - 11:11
 ORIGINAL SCALE IS IN INCHES
 FOR REDUCED PLANS



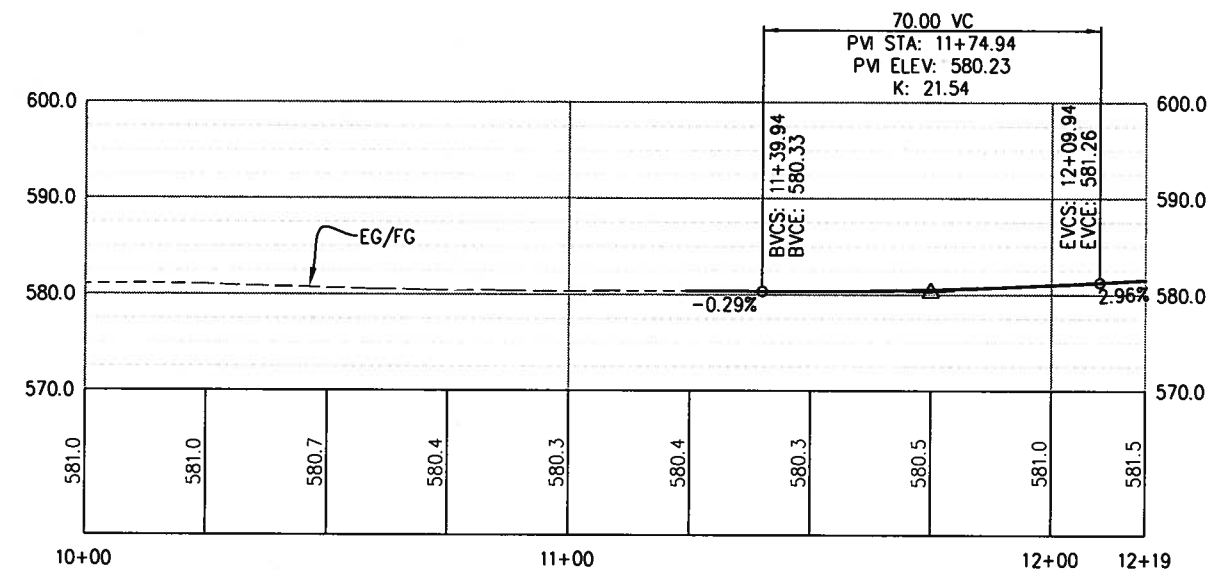
- CONSTRUCTION NOTES:**
- 8 — TYPE A2-6 CURB AND GUTTER WITH 0.5' AB (CLASS II), SEE CALTRANS STANDARD A87A.
 - 12 — TYPE 1 ROLLED CURB AND GUTTER WITH 0.5' AB (CLASS II), SEE EDC STANDARD PLAN 104.

INTERSECTION CURB RETURN DATA			
SEGMENT	LENGTH	BEARING / DELTA	RADIUS
C1	59.98'	90.44'	38.00'
C2	59.84'	90.23'	38.00'

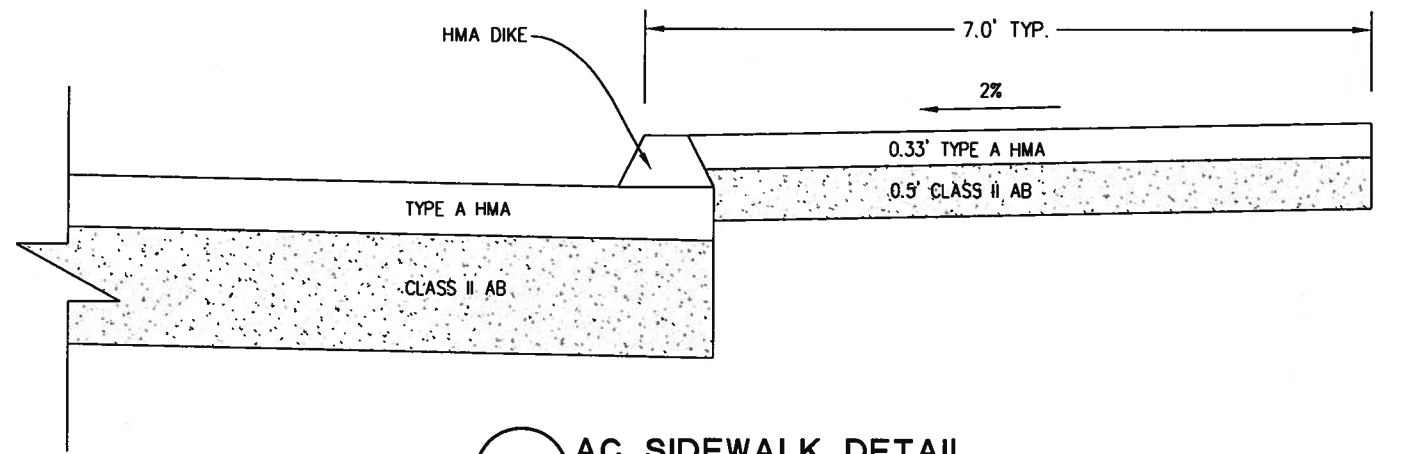
1 WHITE ROCK ROAD & MONTE VERDE ROAD INTERSECTION DETAIL
SCALE: 1" = 20'



2 SAWCUT DETAIL
SCALE: N.T.S



PROFILE - 'MV' MONTE VERDE ROAD
SCALE: 1" = 20'H, 1" = 10'V



3 AC SIDEWALK DETAIL
SCALE: N.T.S

PRELIMINARY 100%

CONSTRUCTION DETAILS SCALE: AS SHOWN

REVISION	NUMBER	DATE	DESCRIPTION	BY

PREPARED UNDER THE SUPERVISION OF:

REGISTERED CIVIL ENGINEER

DATE:

DESIGNED: PH AN

CHECKED: DOT 7/7/2010

ROAD NUMBER: 34

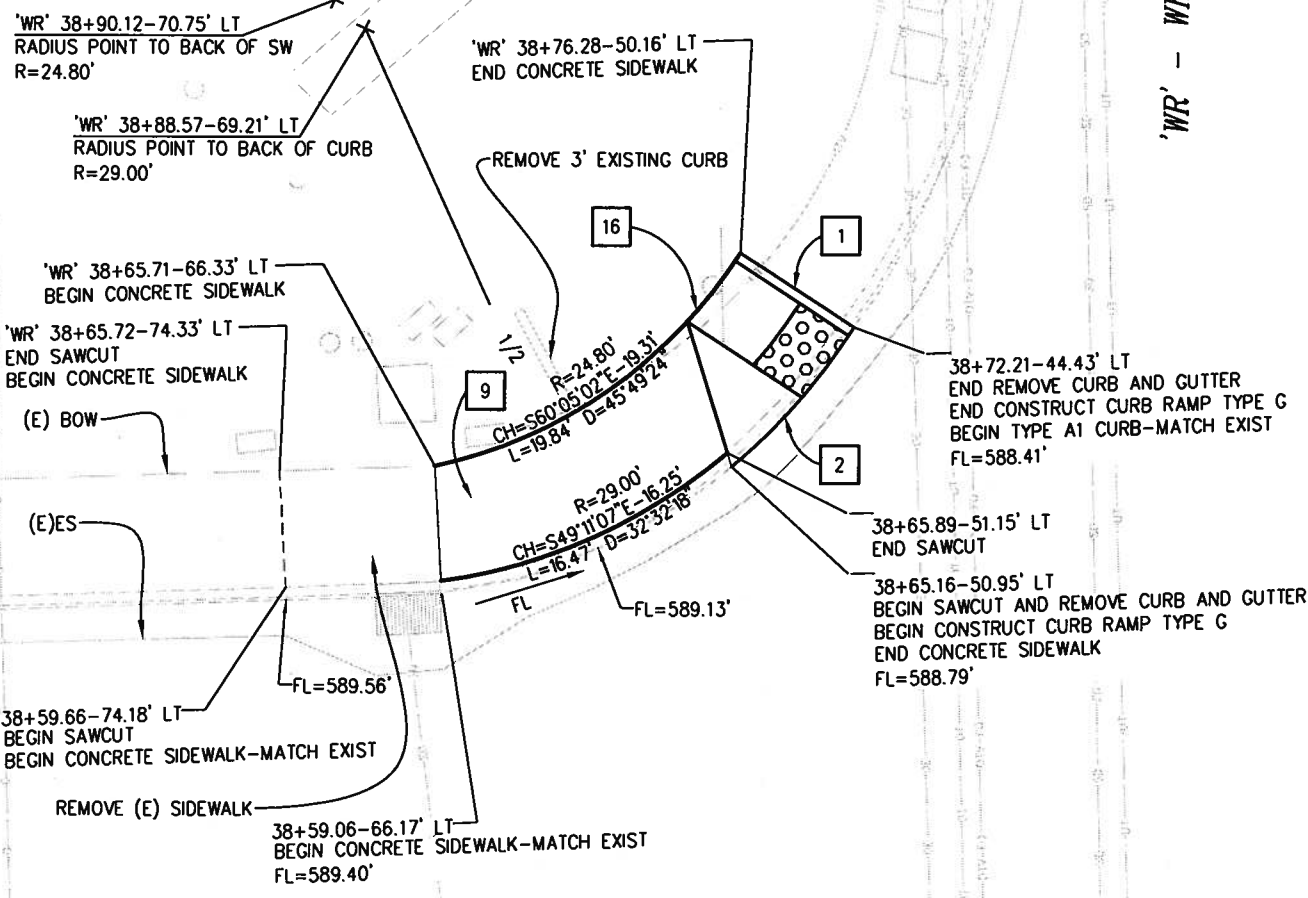


EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION

WHITE ROCK ROAD WIDENING AND SIGNALIZATION

SHEET **C-1**
7 OF 23
W.O. No. **72372**

Drawing name: C:\Civil 3D Projects\72372 White Rock Road to Keables\CADD Files\Sheets\Reduced Budget Plan Sheets\C-2.dwg
 Layout Tab: C-2 Jul 07, 2010 - 11:11
 ORIGINAL SCALE IS IN INCHES
 FOR REDUCED PLANS
 REVISION



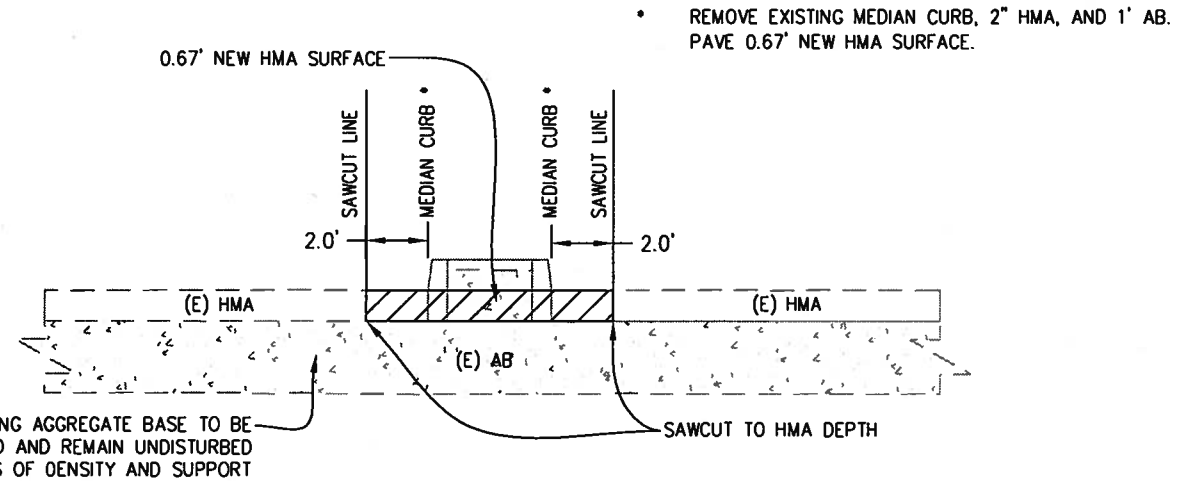
1 CURB RAMP DETAIL
SCALE: 1" = 5'

- CONSTRUCTION NOTES:**
- 1 - INSTALL CURB (TYPE A1) PER CALTRANS STD. PLAN A87A.
 - 2 - REMOVE AND REPLACE CURB AND/OR GUTTER.
 - 3 - TYPE 15 STREET LIGHT. SEE CALTRANS STANDARD ES-6A.
 - 9 - 0.33' CONCRETE ON 0.33' AB (CLASS II) SIDEWALK.
 - 16 - GRADE AREA BEHIND NEW SIDEWALK AND CURB RAMP TO MATCH EXISTING GROUND 2:1 MAX

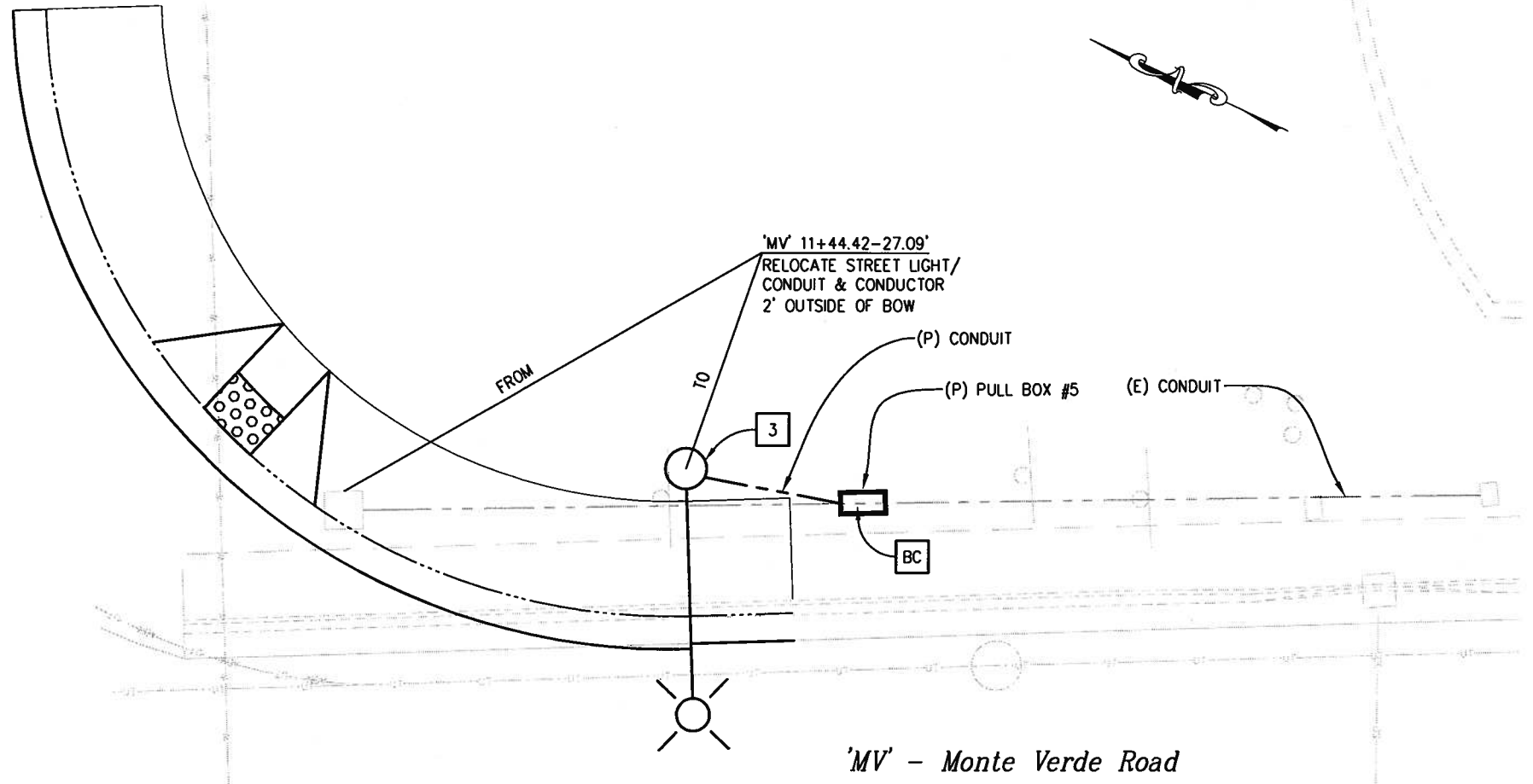
REVISION	NUMBER	DATE	DESCRIPTION	BY

'WR' - White Rock Road

Post Street



2 MEDIAN SAWCUT DETAIL
SCALE: N.T.S.




3 STREET LIGHT RELOCATION DETAIL
SCALE: 1" = 5'

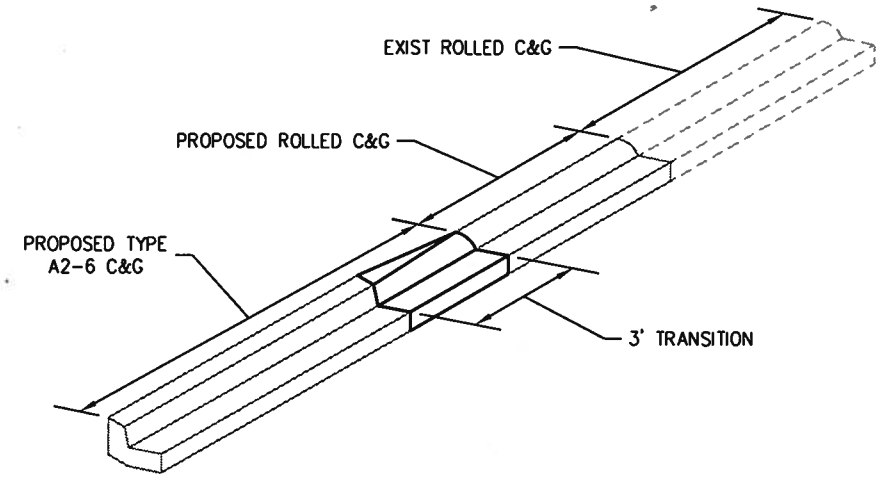
'MV' - Monte Verde Road

PRELIMINARY 100%

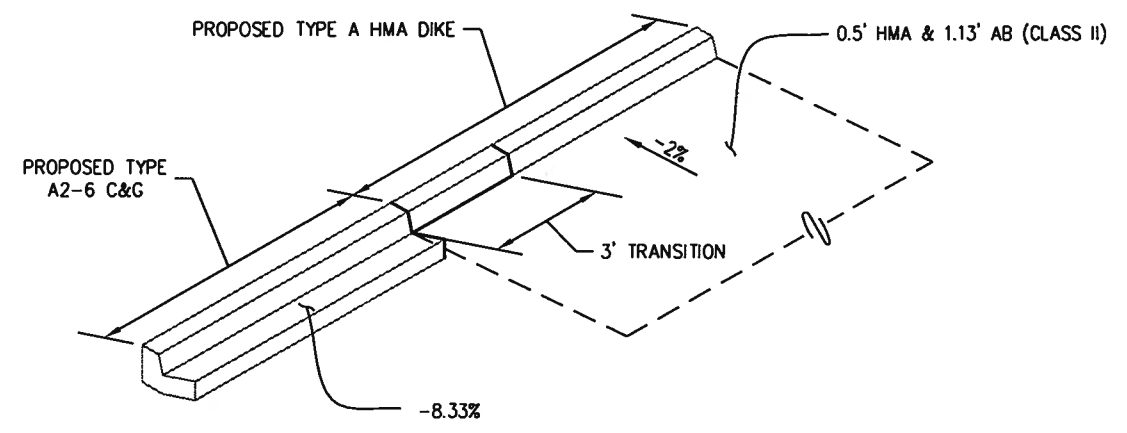
CONSTRUCTION DETAILS
SCALE: AS SHOWN

PREPARED UNDER THE SUPERVISION OF: REGISTERED CIVIL ENGINEER DATE:	DESIGNED: PH AN CHECKED: DOT 7/7/2010 ROAD NUMBER: 34	 EL DORADO COUNTY DEPARTMENT OF TRANSPORTATION	WHITE ROCK ROAD WIDENING AND SIGNALIZATION	SHEET C-2 8 OF 23 W.O. No. 72372
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Drawing name: C:\Civil 3D Projects\72372 White Rock Road to Keables\CADD Files\Sheets\Reduced Budget Plan Sheets\C-3.dwg Layout Tab: C-3 Jul 07,2010 - 11:11:22
 ORIGINAL SCALE IS IN INCHES
 FOR REDUCED PLANS



1 CURB TRANSITION DETAIL
SCALE: N/A



2 HMA DIKE - CURB & GUTTER TRANSITION DETAIL
SCALE: N/A

0 1 2
 ORIGINAL SCALE IS IN INCHES

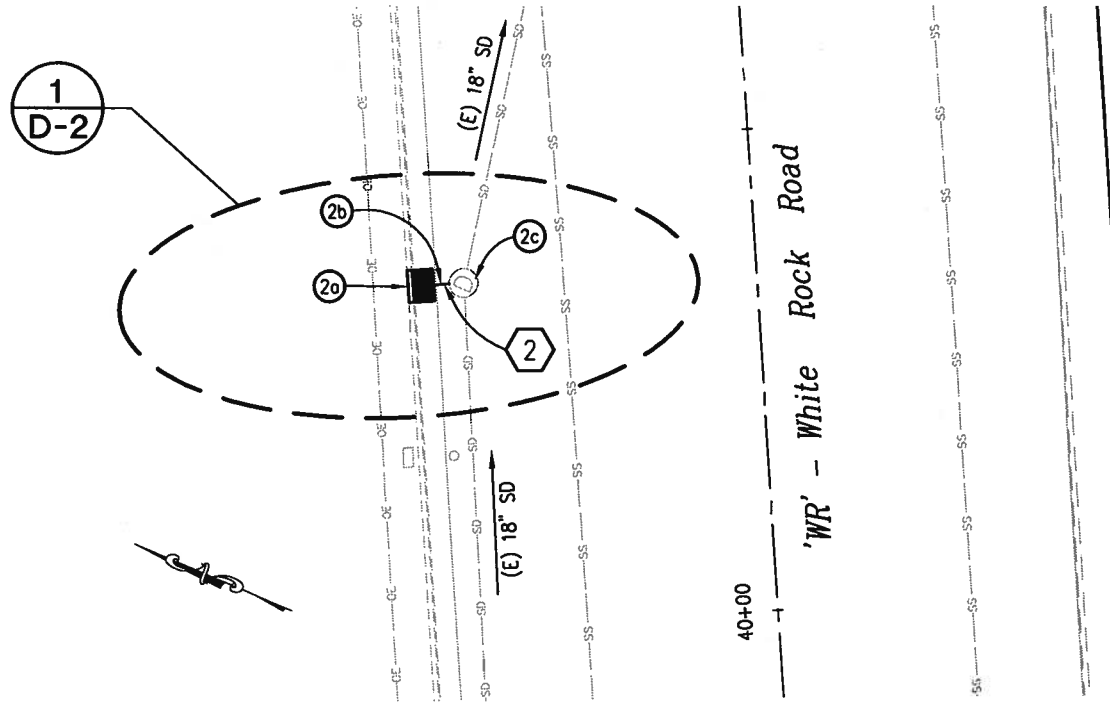
REVISION	NUMBER	DATE	DESCRIPTION	BY

PRELIMINARY 100%

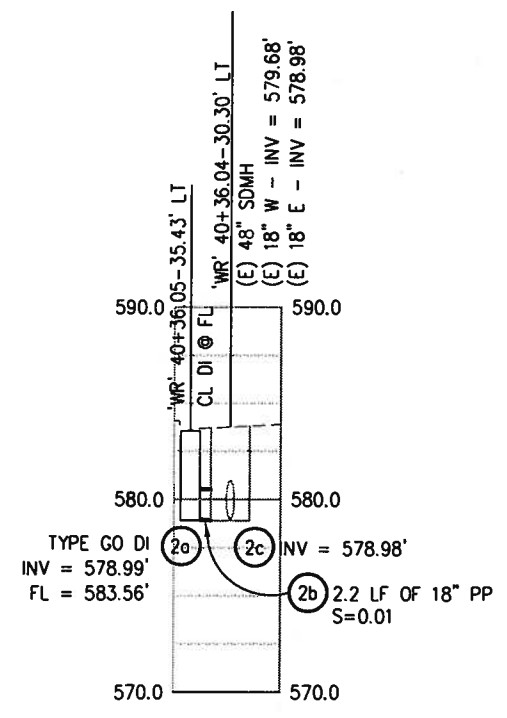
**CONSTRUCTION DETAILS
SCALE : AS SHOWN**

PREPARED UNDER THE SUPERVISION OF: REGISTERED CIVIL ENGINEER DATE: _____	DESIGNED: PH CHECKED: DOT ROAD NUMBER: 34	DRAWN: AN DATE: 7/7/2010	 <p>EL DORADO COUNTY DEPARTMENT OF TRANSPORTATION</p>	<p>WHITE ROCK ROAD WIDENING AND SIGNALIZATION</p>	SHEET C-3 9 OF 23 W.O. No. 72372
--	---	-----------------------------	---	--	---

Drawing name: C:\Civil 3D Projects\72372 White Rock Road to Keables\CADD Files\Sheets\Reduced Budget Plan Sheets\D-1.dwg Layout Tab: D-1 Jul 07 2010 - 12:30
 ORIGINAL SCALE IS IN INCHES
 FOR REDUCED PLANS



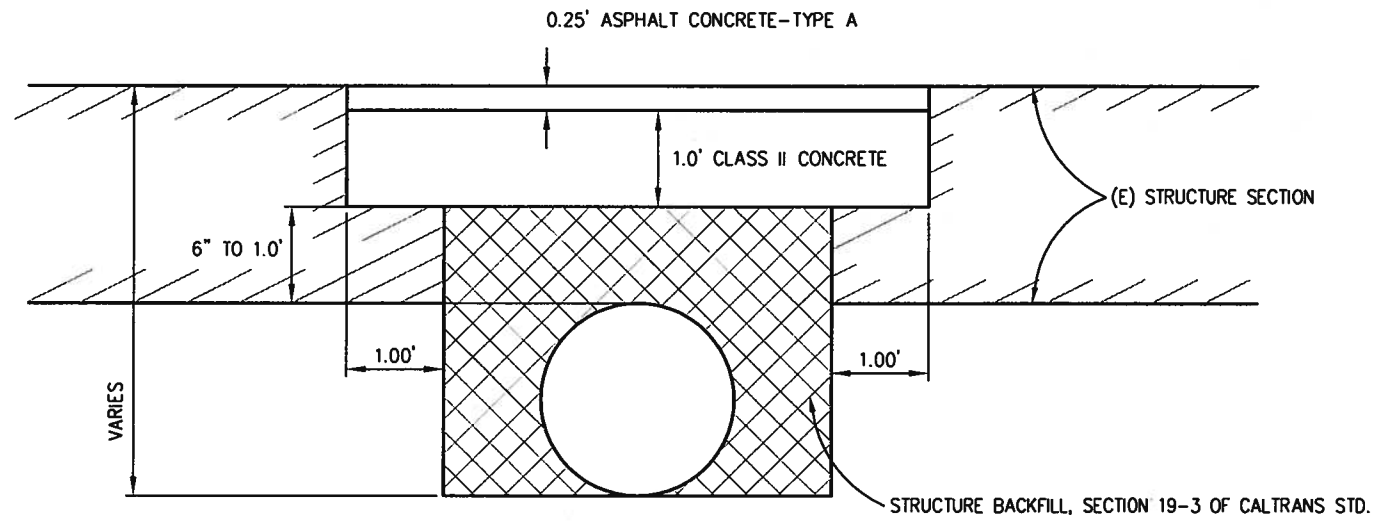
PLAN - SD SYSTEM 1
SCALE: 1" = 10'



PROFILE - SD SYSTEM 1
SCALE: 1" = 10'

NOTES:

1. CONTRACTOR SHALL POT HOLE TO VERIFY HORIZONTAL AND VERTICAL LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION OF STORM DRAINAGE.
2. SEE SHEET D-2 FOR DRAINAGE QUANTITIES.
3. CONTRACTOR TO MODIFY EXISTING MANHOLE TO CONNECT NEW STORM DRAIN SYSTEM.



1 STREET TRENCH PAVING DETAIL
SCALE: N.T.S.

NOTES:

1. COMPACTION TO BE AT 95% RELATIVE COMPACTION, SUBJECT TO TESTING.
2. CONCRETE CAP MAY BE "RAPID SET" PPC.
3. ALL TRENCH WORK SUBJECT TO STATE REGULATIONS AND INSPECTION.

WARNING

THE LOCATIONS AND / OR THE ELEVATIONS OF THE EXISTING UNDERGROUND UTILITIES ON THESE PLANS ARE ONLY APPROXIMATE. CONTRACTOR TO VERIFY ACTUAL LOCATION AND ELEVATION OF ALL EXISTING UNDERGROUND UTILITIES.

WARNING

CONTRACTOR SHALL POSITIVELY DETERMINE ALL HORIZONTAL AND VERTICAL LOCATIONS OF ALL UTILITIES SHOWN IN THE CONTRACT PLANS PRIOR TO CONSTRUCTION OF ANY COMPONENT OF ANY DRAINAGE SYSTEM IN ORDER TO VERIFY CONSTRUCTIBILITY OF DRAINAGE SYSTEMS.

PRELIMINARY 100%

DRAINAGE PLAN & PROFILE
SCALE: AS SHOWN

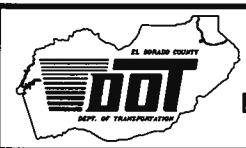
REVISION	NUMBER	DATE	DESCRIPTION	BY

PREPARED UNDER THE SUPERVISION OF:

REGISTERED CIVIL ENGINEER

DATE: _____

DESIGNED: PH	DRAWN: AN
CHECKED: DOT	DATE: 7/7/2010
ROAD NUMBER: 34	

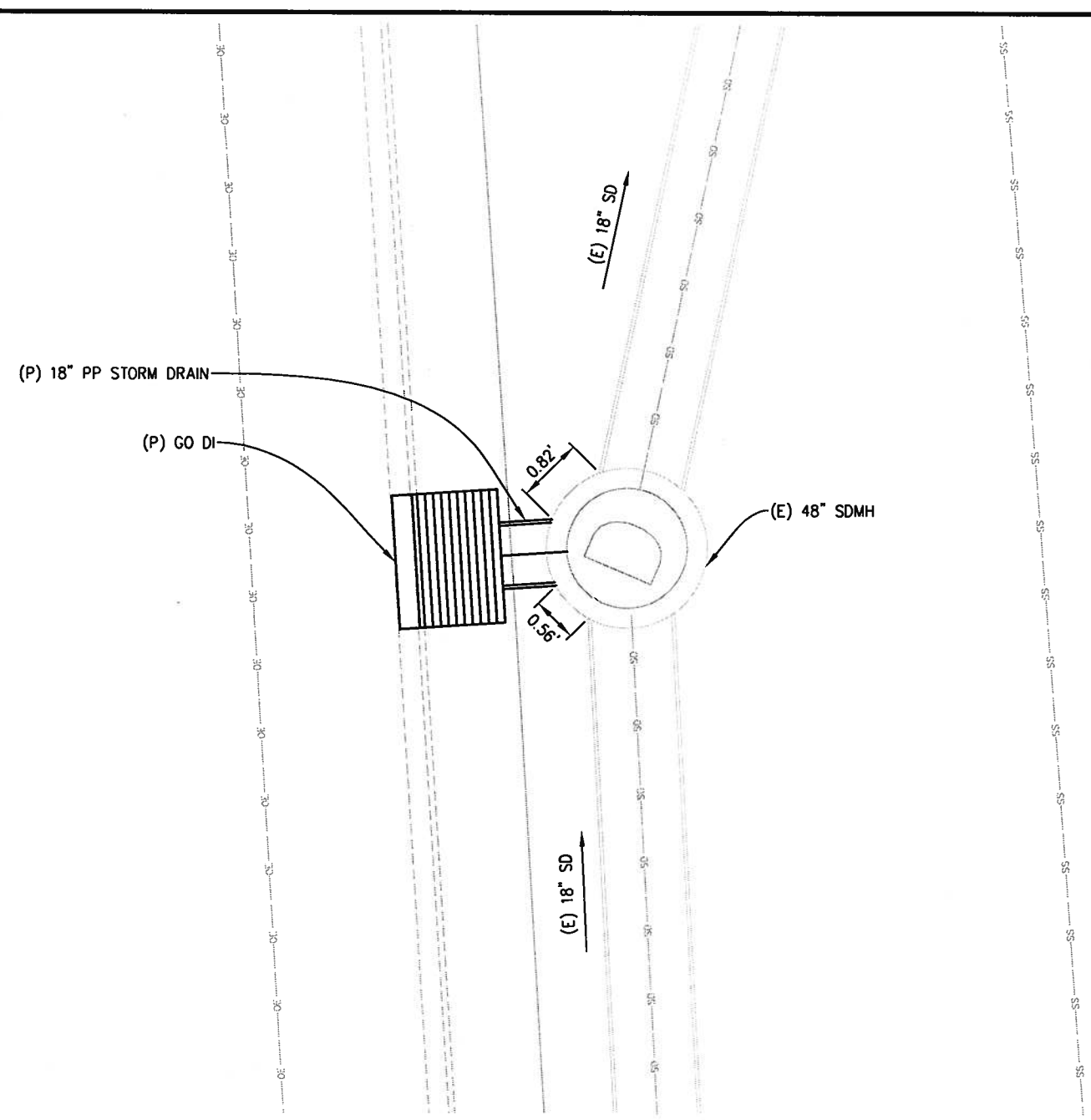


EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION

WHITE ROCK ROAD WIDENING AND SIGNALIZATION

SHEET
D-1
10 of 23
W.O. No. **72372**

Drawing name: C:\Civil 3D Projects\72372 White Rock Road to Keables\CADD Files\Sheets\Reduced Budget Plan Sheets\D-1.dwg Layout Tab: D-2 Jul 07,2010 - 12:00
 ORIGINAL SCALE IS IN INCHES
 FOR REDUCED PLANS



1 SD SYSTEM 1 DETAIL
 SCALE: 1" = 2'

DRAINAGE PLAN SHEET NO.	DRAINAGE SYSTEM NO.	DRAINAGE UNIT	TYPE	GO DI	DESCRIPTION	STATION	DRAINAGE UNIT	DRAINAGE SYSTEM NO.	DRAINAGE PLAN SHEET NO.
D-1	1	EA	LF	1	S=0.01	'WR' 40+36.05 - 35.43' RT	a	1	D-1
		b	2.2			'WR' 40+36.04 - 30.30' RT	b		
		c					c		
TOTAL		1	2.2				TOTAL		

0 1 2
 ORIGINAL SCALE IS IN INCHES

REVISION	NUMBER	DATE	DESCRIPTION	BY

PRELIMINARY 100%

PREPARED UNDER THE SUPERVISION OF:

 REGISTERED CIVIL ENGINEER
 DATE: _____

DESIGNED: PH
 DRAWN: AN
 CHECKED: DOT
 DATE: 7/7/2010
 ROAD NUMBER: 34



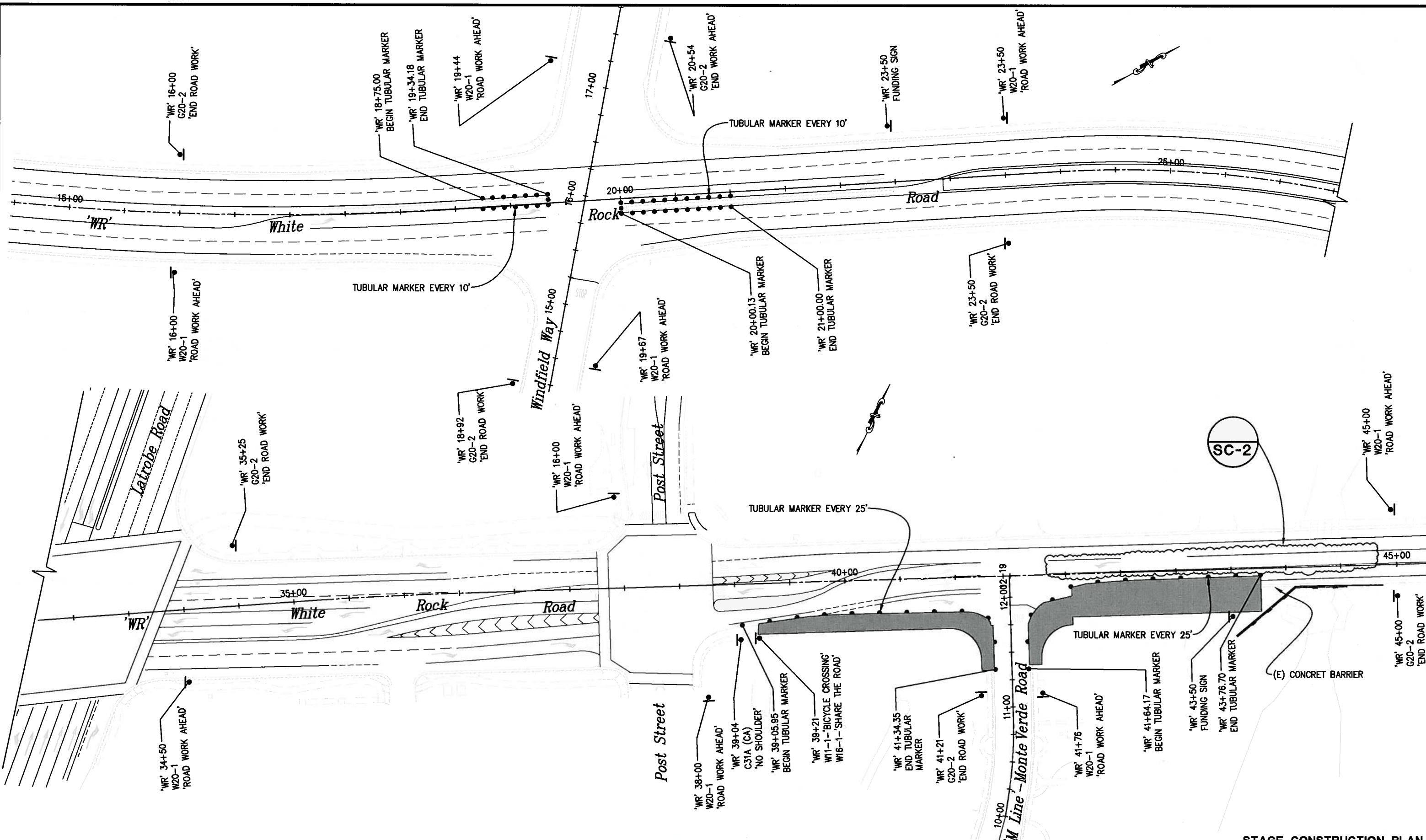
EL DORADO COUNTY
 DEPARTMENT OF TRANSPORTATION

WHITE ROCK ROAD WIDENING
 POST STREET TO MONTE VERDE ROAD

DRAINAGE DETAIL & QUANTITIES
 SCALE : AS SHOWN

SHEET
 D-2
 11 OF 23
 W.O. No. 72372

ORIGINAL SCALE IS IN INCHES
 FOR REDUCED PLANS
 Drawing name: C:\Civil 3D Projects\7372 White Rock Road to Keables\CADD Files\Sheets\Reduced Budget Plan Sheets\SC-1.dwg Layout Tab: SC-1 Jul 07,2010 - 1:

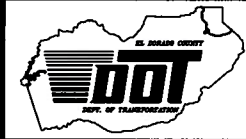


PRELIMINARY 100%

STAGE CONSTRUCTION PLAN
SCALE : 1" = 40'

REVISION	NUMBER	DATE	DESCRIPTION	BY

PREPARED UNDER THE SUPERVISION OF :		DESIGNED: PH	DRAWN: AN
REGISTERED CIVIL ENGINEER		CHECKED: DOT	DATE: 7/7/2010
DATE: _____		ROAD NUMBER: 34	

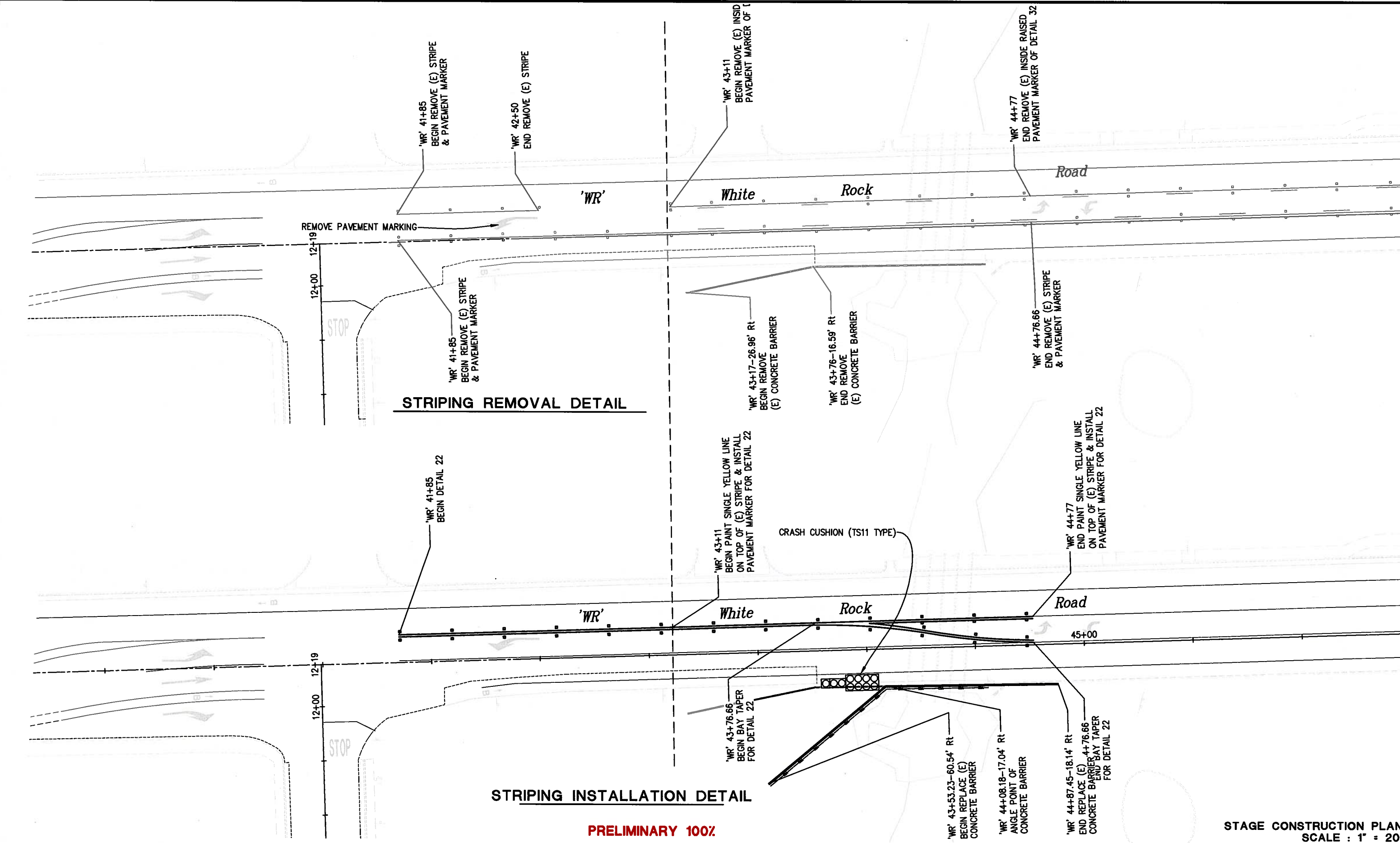


EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION

WHITE ROCK ROAD WIDENING
AND SIGNALIZATION

SHEET	SC-1
12 OF 23	
W.O. No.	72372

10-0765.B.12



STRIPING REMOVAL DETAIL

STRIPING INSTALLATION DETAIL

PRELIMINARY 100%

STAGE CONSTRUCTION PLAN
SCALE : 1" = 20'

REVISION	NUMBER	DATE	DESCRIPTION	BY

PREPARED UNDER THE SUPERVISION OF :	DESIGNED: PH	DRAWN: AN
REGISTERED CIVIL ENGINEER	CHECKED: DOT	DATE: 7/7/2010
DATE:	ROAD NUMBER: 34	

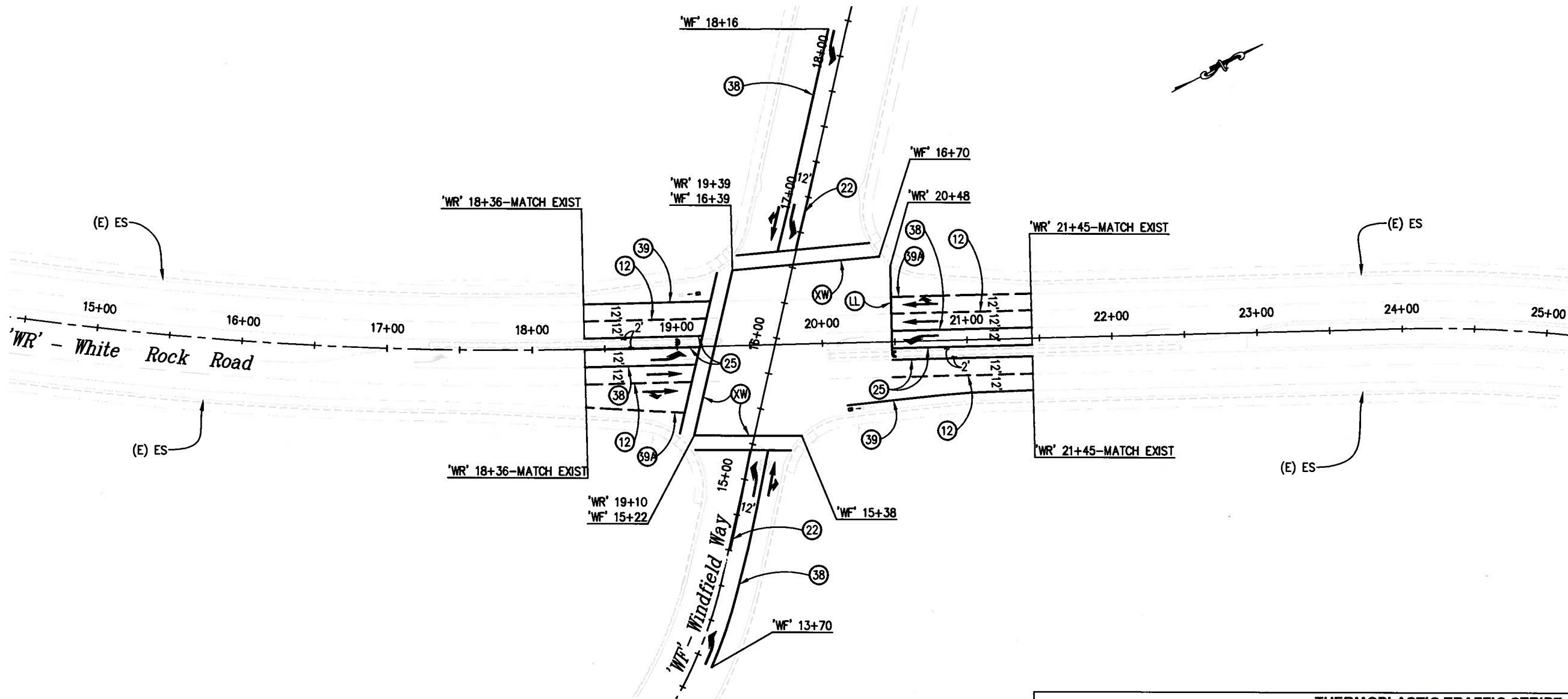


EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION

WHITE ROCK ROAD WIDENING
AND SIGNALIZATION

SHEET
SC-2
13 OF 23
W.O. No. **72372**

Drawing name: C:\Civil 3D Projects\72372 White Rock Road to Keables\CADD\Files\CADD\Sheets\SPD-1.dwg Layout Tab: SPD-1 Jul 07, 2010
 ORIGINAL SCALE IS IN INCHES
 FOR REDUCED PLANS



STRIPING LEGEND

- TYPE III (L) ARROW
- TYPE I ARROW
- TYPE II (R) ARROW
- PAVEMENT DELINEATION DETAIL
- (B) BROKEN
- (S) SOLID
- XW CROSSWALK
- LL LIMIT LINE

PAVEMENT MARKERS			
SYMBOL DESCRIPTION - STANDARD PLAN	QUANTITY (EA)	AREA (SF)	TOTAL AREA (SF)
TYPE I ARROW - A24A	2	31	62
TYPE II (R) ARROW - A24B	4	45	180
TYPE III (L) ARROW - A24B	6	42	252
CROSSWALK & LIMIT LINE - A24D		627	627
BIKE SYMBOL & ARROW - A24A & A24C	2	14	28
TOTAL			1149

THERMOPLASTIC TRAFFIC STRIPE										
DETAIL No. / STANDARD PLAN	BEGIN STATION	END STATION	THERMOPLASTIC STRAFFIC STRIPE (SPRAYABLE)				PAVEMENT MARKER (RETROREFLECT)			
			WHITE (LF)				YELLOW	TYPE D	TYPE G	TYPE H
			4" (B)	6" (S)	6" (B)	8" (S)	4" (S)	(EA)	(EA)	(EA)
12 - A20A	WR' 18+36-LT	WR' 19+21-LT	85							3
	WR' 18+36-RT	WR' 19+09-RT	74							2
	WR' 20+48-RT	WR' 21+45-RT	97							3
	WR' 20+48-LT	WR' 21+45-LT	97							3
22 - A20A	WF' 14+51	WF' 15+21					140	8		
	WF' 16+62	WF' 17+26					128	8		
25 - A20B	WR' 18+36-LT	WR' 19+17-LT					82			3
	WR' 18+36-RT	WR' 19+15-RT					80			3
	WR' 20+48-RT	WR' 21+45-RT					97			3
	WR' 20+48-LT	WR' 21+45-RT					97			3
38 - A20D	WF' 13+70-RT	WF' 15+23-RT				156				8
	WF' 16+59-LT	WF' 18+16-LT				158				8
	WR' 18+36-RT	WR' 19+12-RT				77				4
39 - A20D	WR' 20+48-LT	WR' 21+45-LT				97				5
	WR' 18+36-LT	WR' 19+24-LT		88						
39A - A20D	WR' 20+16-RT	WR' 21+45-RT		129						
	WR' 18+36-RT	WR' 19+04-RT								68
	WR' 20+48-LT	WR' 21+45-LT								97
TOTAL			353	217	165	488	624	16	36	12

GENERAL NOTES:

- THIS PLAN IS ACCURATE FOR PAVEMENT DELINEATION ONLY.
- ALL STRIPING SHALL BE SPRAYED THERMOPLASTIC AND ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC UNLESS OTHERWISE NOTED.
- ALL PAVEMENT MARKINGS ARE PER CALTRANS STD. PLANS.
- ALL EXISTING PAVEMENT MARKINGS SHALL BE REMOVED BY GRINDING PRIOR TO PLACEMENT OF SLURRY SEAL.
- ALL PAVEMENT ARROWS AT INTERSECTION SHALL BE INSTALLED AT 8-FT FROM LIMIT LINE.
- CROSSWALKS SHALL BE 10' WIDE.

PRELIMINARY 100%

PAVEMENT DELINEATOR
1" = 40'

REVISION	NUMBER	DATE	DESCRIPTION	BY

PREPARED UNDER THE SUPERVISION OF:

DESIGNED: PH DRAWN: AN
 CHECKED: DOT DATE: 7/7/2010
 ROAD NUMBER: 34

REGISTERED CIVIL ENGINEER DATE:

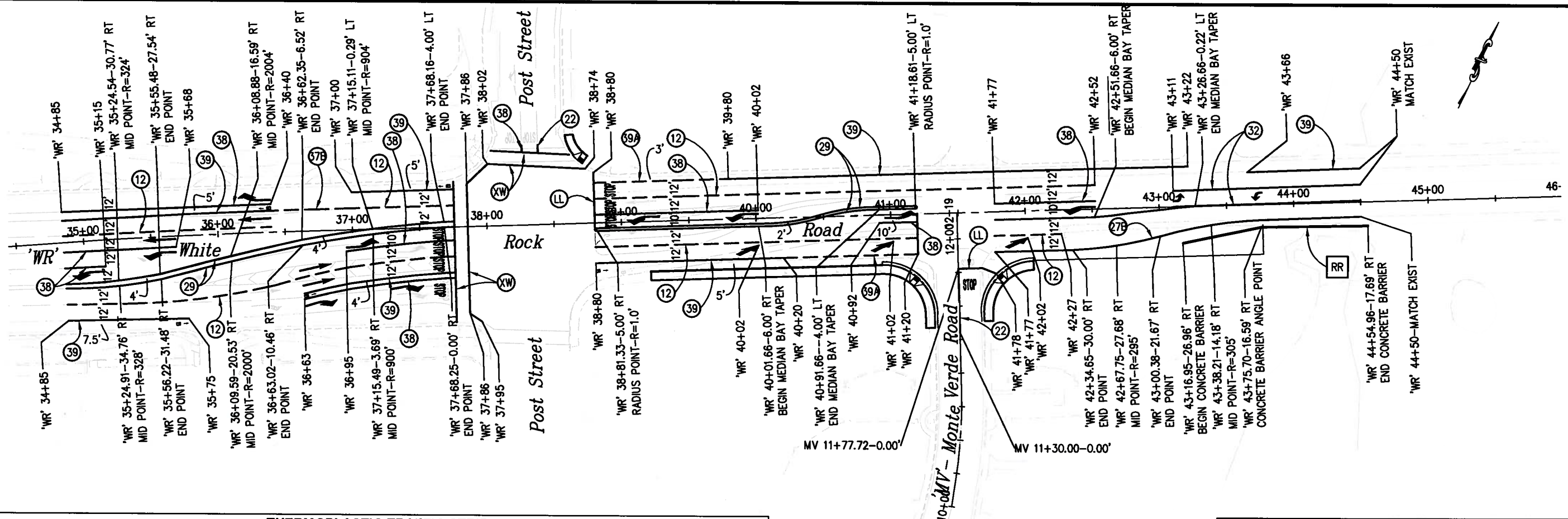


EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION

WHITE ROCK ROAD WIDENING AND SIGNALIZATION

SHEET
SPD-1
14 OF 23
W.O. No. **72372**

Drawing name: C:\Civil 3D Projects\7372 White Rock Road to Keables\CADD Files\Sheets\Reduced Budget Plan Sheets\SPD-2.dwg Layout Tab: SPD-2 Jul 07, 2010
 ORIGINAL SCALE IS IN INCHES
 FOR REDUCED PLANS

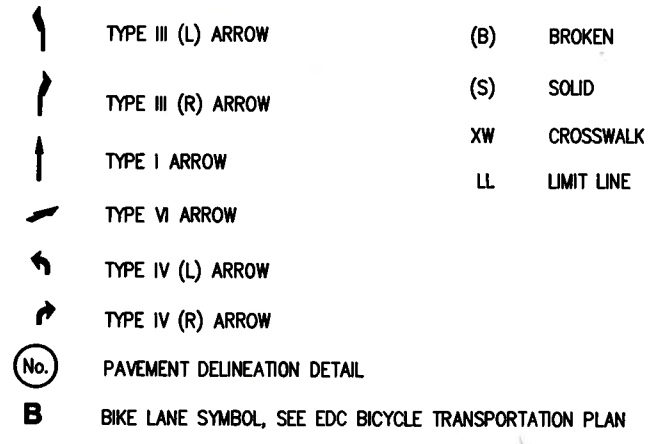


THERMOPLASTIC TRAFFIC STRIPE

DETAIL No. / STANDARD PLAN	BEGIN STATION	END STATION	THERMOPLASTIC TRAFFIC STRIPE (SPRAYABLE)							PAVEMENT MARKER		
			WHITE (LF)							YELLOW	TYPE D	TYPE G
			4" (S)	6" (B)	6" (S)	8" (B)	8" (S)	4" (S)	(EA)	(EA)		
12 - A20A	WR' 34+85-RT	WR' 37+76-RT	291								7	
	WR' 34+85-LT	WR' 36+40-LT	155								4	
	WR' 37+00-LT	WR' 37+76-LT	76								3	
	WR' 38+80-RT	WR' 41+20-RT	240								6	
	WR' 38+80-LT	WR' 42+52-LT	372								9	
	WR' 41+77-RT	WR' 42+27-RT	50								1	
22 - A20A	WR' 38+39-LT	WR' 38+39-LT						12		2		
	MV' 11+30	MV' 11+78						96		6		
27B - A20B	WR' 41+77-RT	WR' 44+50-RT	275									
29 - A20B	WR' 34+85-RT	WR' 37+76-LT							1172		28	
	WR' 38+80-RT	WR' 41+20-LT							966		22	
32 - A20B	WR' 41+77-RT	WR' 44+50-LT							546		20	
	WR' 43+11-LT	WR' 44+50-LT							278		10	
37B - A20C	WR' 36+40-LT	WR' 37+00-LT				61					6	
38 - A20D	WR' 34+85-LT	WR' 35+15-LT						30			1	
	WR' 34+85-LT	WR' 35+68-LT						83			4	
	WR' 34+85-LT	WR' 36+40-LT						156			7	
	WR' 36+63-RT	WR' 37+76-RT						114			6	
	WR' 36+95-RT	WR' 37+76-RT						81			4	
	WR' 38+80-LT	WR' 40+02-LT						122			6	
	WR' 40+92-RT	WR' 41+20-RT						28			1	
	WR' 41+77-LT	WR' 42+52-LT						75			4	
WR' 38+27-LT	WR' 38+27-LT						5			1		
39A-A20D	WR' 38+80-RT	WR' 39+80-RT			100							
	WR' 38+80-LT	WR' 39+80-LT			100							
39 - A20D	WR' 34+85-RT	WR' 35+75-RT						90				
	WR' 34+85-LT	WR' 36+40-LT						156				
	WR' 36+63-RT	WR' 37+76-RT						114				
	WR' 37+00-LT	WR' 37+76-LT						76				
	WR' 39+80-RT	WR' 41+20-RT						140				
	WR' 39+80-LT	WR' 43+22-LT						342				
	WR' 43+66-LT	WR' 44+50-LT					84					
TOTAL			1184	275	200	1002	61	694	3070	88	70	

PAVEMENT MARKINGS			
SYMBOL DESCRIPTION - STANDARD PLAN	QUANTITY (EA)	AREA (SF)	TOTAL AREA (SF)
TYPE I ARROW - A24A	4	31	124
TYPE III (L) ARROW - A24B	7	42	294
TYPE III (R) ARROW - A24B	3	42	126
TYPE VI ARROW - A24A	3	42	126
TYPE IV (L) ARROW - A24A	1	15	15
TYPE IV (R) ARROW - A24A	1	15	15
STOP - A24D	8	22	176
CROSSWALK & LIMIT LINE - A24D		439	439
BIKE SYMBOL & ARROW - A24A & A24C	5	14	70
TOTAL			1385

STRIPING LEGEND



CONSTRUCTION NOTES:

- THIS PLAN IS ACCURATE FOR PAVEMENT DELINEATION ONLY.
 - ALL STRIPING SHALL BE SPRAYED THERMOPLASTIC AND ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC UNLESS OTHERWISE NOTED.
 - ALL PAVEMENT MARKINGS ARE PER CALTRANS STD. PLANS.
 - ALL EXISTING PAVEMENT MARKINGS SHALL BE REMOVED BY GRINDING PRIOR TO PLACEMENT OF SLURRY SEAL.
 - ALL PAVEMENT ARROWS AT INTERSECTION SHALL BE INSTALLED AT 8-FT FROM LIMIT LINE.
 - CROSSWALKS SHALL BE 10' WIDE.
- RR** CONTRACTOR TO REMOVE EXISTING BARRIER RAIL DURING CONSTRUCTION OPERATION AND REPLACE SAME BARRIER RAIL AS SHOWN ON PLAN SHEET.

PRELIMINARY 100%

PAVEMENT DELINEATION SCALE : 1" = 40'

REVISION	NUMBER	DATE	DESCRIPTION	BY

PREPARED UNDER THE SUPERVISION OF:

REGISTERED CIVIL ENGINEER

DATE:

DESIGNED: PH

DRAWN: AN

CHECKED: DOT

DATE: 7/7/2010

ROAD NUMBER: 34

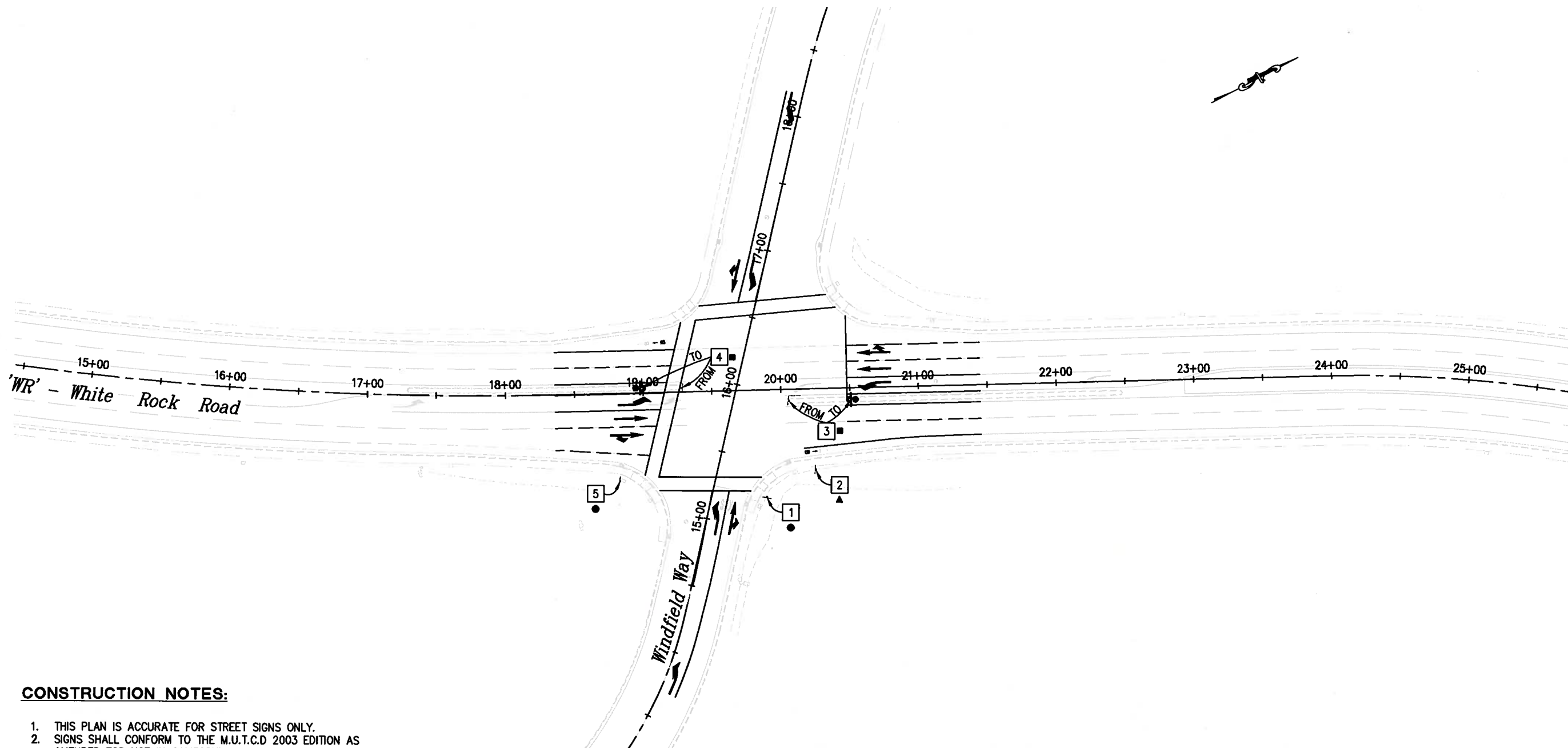


EL DORADO COUNTY DEPARTMENT OF TRANSPORTATION

WHITE ROCK ROAD WIDENING AND SIGNALIZATION

SHEET
SPD-2
15 OF 23
W.O. No. **72372**

Drawing name: C:\Civil 3D Projects\72372 White Rock Road to Keables\CADD Files\Sheets\Reduced Budget Plan Sheets\SPD-3.dwg Layout Tab: SPD-3 Jul 07, 2010
 ORIGINAL SCALE IS IN INCHES
 FOR REDUCED PLANS



CONSTRUCTION NOTES:

1. THIS PLAN IS ACCURATE FOR STREET SIGNS ONLY.
2. SIGNS SHALL CONFORM TO THE M.U.T.C.D 2003 EDITION AS AMENDED FOR USE IN CALIFORNIA.

LEGEND

- EXISTING SIGN-ONE POST
- NEW SIGN-ONE POST
- ▲ EXISTING ROADSIDE SIGN TO REMAIN
- RELOCATE ROADSIDE SIGN
- REMOVE & SALVAGE ROADSIDE SIGN
- No. SIGN NUMBER

ROADSIDE SIGNS										
SIGN NO.	SIGN	CODE	ROADSIDE SIGN					EXISTING LOCATION	PROPOSED LOCATION (APPROXIMATELY)	REMARKS
			INSTALL STRAP & SAD (EA)	ONE POST (EA)	TWO POSTS (EA)	RELOCATE (EA)	REMOVE & SALVAGE (EA)			
1	STOP SIGN	R1-1					1	WR' 19+88.21 - 78.57' RT		
2	BIKE LANE	R81 (CA)						WR' 20+23.60 - 58.84' RT		Remain in place.
3	KEEP RIGHT	R4-7				1		WR' 20+05.19 - 8.21' RT	WR' 20+54.05 - 8.00' RT	Relocate sign.
4	KEEP RIGHT	R4-7				1		WR' 19+28.75 - 2.93' LT	WR' 18+94.64 - 4.00' LT	Relocate sign.
5	STREET NAME SIGN						1	WR' 18+81.57 - 63.81' RT		

PRELIMINARY 100%

REVISION	NUMBER	DATE	DESCRIPTION	BY

PREPARED UNDER THE SUPERVISION OF:

REGISTERED CIVIL ENGINEER

DATE:

DESIGNED: PH
DRAWN: AN
CHECKED: DOT
DATE: 7/7/2010
ROAD NUMBER: 34



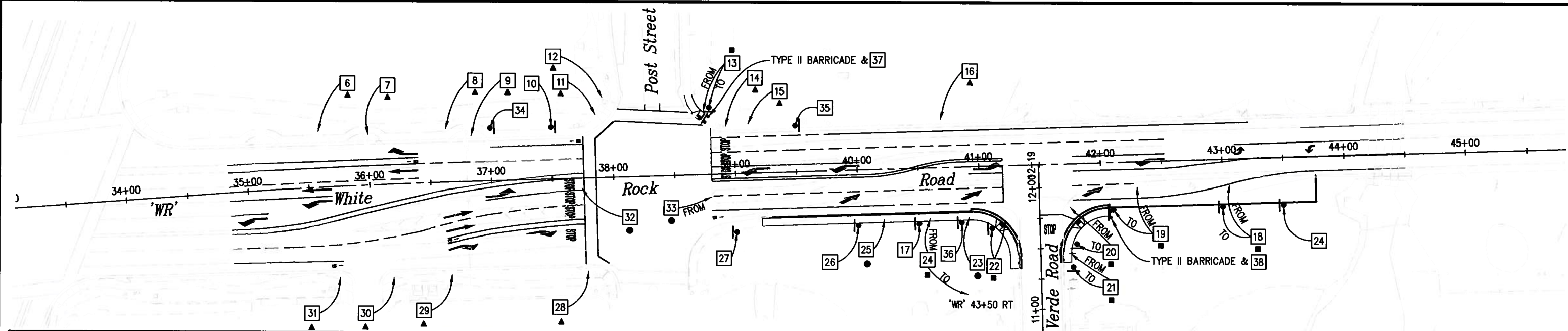
EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION

WHITE ROCK ROAD WIDENING AND SIGNALIZATION

SIGN PLAN
1" = 40'

SHEET
SPD-3
16 OF 23
W.O. No. **72372**

Drawing name: C:\Civil 3D Projects\72372 White Rock Road to Keables\CADD Files\Sheets\Reduced Budget Plan Sheets\SPD-4.dwg Layout Tab: SPD-4 Jul 07, 2010
 ORIGINAL SCALE IS IN INCHES
 FOR REDUCED PLANS



ROADSIDE SIGNS

SIGN NO.	SIGN	CODE	ROADSIDE SIGN				EXISTING LOCATION	PROPOSED LOCATION (APPROXIMATELY)	REMARKS
			INSTALL STRAP & SAD (EA)	ONE POST (EA)	TWO POSTS (EA)	RELOCATE (EA)			
6	CONSTRUCTION SIGN						WR' 35+59.62 - 45.59' LT	Remain in place.	
7	INTERSECTION LANE CONTROL	R73 (CA)					WR' 36+00.02 - 41.23' LT	Remain in place.	
8	SIGNAL AHEAD	W3-3					WR' 36+62.91 - 43.42' LT	Remain in place.	
9	CONSTRUCTION SIGN						WR' 36+84.19 - 37.31' LT	Remain in place.	
10	BIKE LANE	R81 (CA)		1			WR' 37+50 - 42.71" LT		
11	STOP	R1-1					WR' 37+86.80 - 51.57' LT	Remain in place.	
	ALL WAY	R1-4							
12	BIKE ONLY						WR' 37+92.51 - 65.50' LT	Remain in place.	
13	STREET NAME				1		WR' 38+74.62 - 51.61' LT	WR' 38+79.59 - 55.03' LT	
14	STOP	R1-1					WR' 38+92.74 - 38.74' LT	Remain in place.	
15	BIKE LANE	R81 (CA)					WR' 39+11.24 - 40.27' LT	Remain in place.	
16	STOP AHEAD	W3-1					WR' 40+69.52 - 38.98' LT	Remain in place.	
17	BIKE LANE	R81 (CA)		1			WR' 40+50 - 46.00' RT		
	END	R81B (CA)							
18	TWO WAY LEFT TURN SIGN	R67					WR' 43+06.29 - 18.60' RT	WR' 43+00.00 - 39.00' RT	
	TWO WAY TURN LANE	N/A			1				
19	RIGHT LANE ENDS	W9-1			1		WR' 42+29.94 - 20.50' RT	WR' 42+10 - 39.00' RT	
20	STOP	R1-1			1		WR' 41+74.04 - 34.97' RT	WR' 41+79.18 - 66.61' RT	
21	CONSTRUCTION SIGN				1		WR' 41+74.58 - 73.48' RT	WR' 41+76 - 85.5' RT	
22	STREET NAME				1		WR' 41+21.24 - 44.64' RT	WR' 41+10.00 - 51.60' RT	
23	RIGHT LANE MUST TURN RIGHT	R3-7				1	WR' 40+91.24 - 41.89' RT		
24	SPEED LIMIT	R2-1				1	WR' 40+59.23 - 41.68' RT	WR' 43+50.00 - 39.00' RT	
	RADAR ENFORCED	R48-1 (CA)							
25	RIGHT LANE TURNS RIGHT AHEAD	W73A (CA)				1	WR' 40+21.21 - 41.35' RT		
26	LANE ENDS	W9-1		1			WR' 40+00.00 - 46.00' RT		
27	BIKE LANE	R81 (CA)		1			WR' 39+00.00 - 49.00' RT		
28	STOP	R1-1					WR' 37+77.65 - 76.39' RT	Remain in place.	
	ALL WAY	R1-4							
29	STOP AHEAD	W3-1					WR' 36+65.66 - 75.90' RT	Remain in place.	
30	RIGHT LANE TURNS RIGHT AHEAD	W73A (CA)					WR' 36+17.42 - 76.05' RT	Remain in place.	
31	BIKE LANE	R81 (CA)					WR' 35+72.42 - 74.52' RT	Remain in place.	
	END	R81B (CA)							
32	STOP	R1-1				1	WR' 37+73.74 - 7.66' RT		
33	STOP	R1-1				1	WR' 38+80.37 - 18.53' RT		
34	RIGHT LANE MUST TURN RIGHT	R3-7		1			WR' 37+00.00 - 43.58' LT		
35	RIGHT LANE TURNS RIGHT AHEAD	W73A (CA)		1			WR' 39+50.00 - 38.13' LT		
36	LANE DROP SYMBOL SIGN	W4-2		1			WR' 40+85.00 - 46.00' LT		
37	SIDEWALK CLOSED	R9-9					WR' 38+76.00 - 44.00' LT	Place it on barricade	
38	SIDEWALK CLOSED	R9-9					WR' 42+07.00 - 41.00' RT	Place it on barricade	

TYPE II BARRICADE		
LOCATION	INSTALL (EA)	DETAIL
WR' 38+76.00 - 44.00' LT	1	Place it at the end of sidewalk with R9-9 sign on it
WR' 42+07.00 - 41.00' RT	1	Place it at the end of sidewalk with R9-9 sign on it
TOTAL	2	

CONSTRUCTION NOTES:

1. THIS PLAN IS ACCURATE FOR STREET SIGNS ONLY.
2. SIGNS SHALL CONFORM TO THE M.U.T.C.D 2003 EDITION AS AMENDED FOR USE IN CALIFORNIA.

LEGEND

- EXISTING SIGN-ONE POST
- NEW SIGN-ONE POST
- ▲ EXISTING ROADSIDE SIGN TO REMAIN
- RELOCATE ROADSIDE SIGN
- REMOVE & SALVAGE ROADSIDE SIGN
- ⇄ BARRICADE TYPE II
- ☐ No. SIGN NUMBER

PRELIMINARY 100%

REVISION	NUMBER	DATE	DESCRIPTION	BY

PREPARED UNDER THE SUPERVISION OF:

REGISTERED CIVIL ENGINEER

DATE: _____

DESIGNED: PH AN

CHECKED: DOT DATE: 7/7/2010

ROAD NUMBER: 34



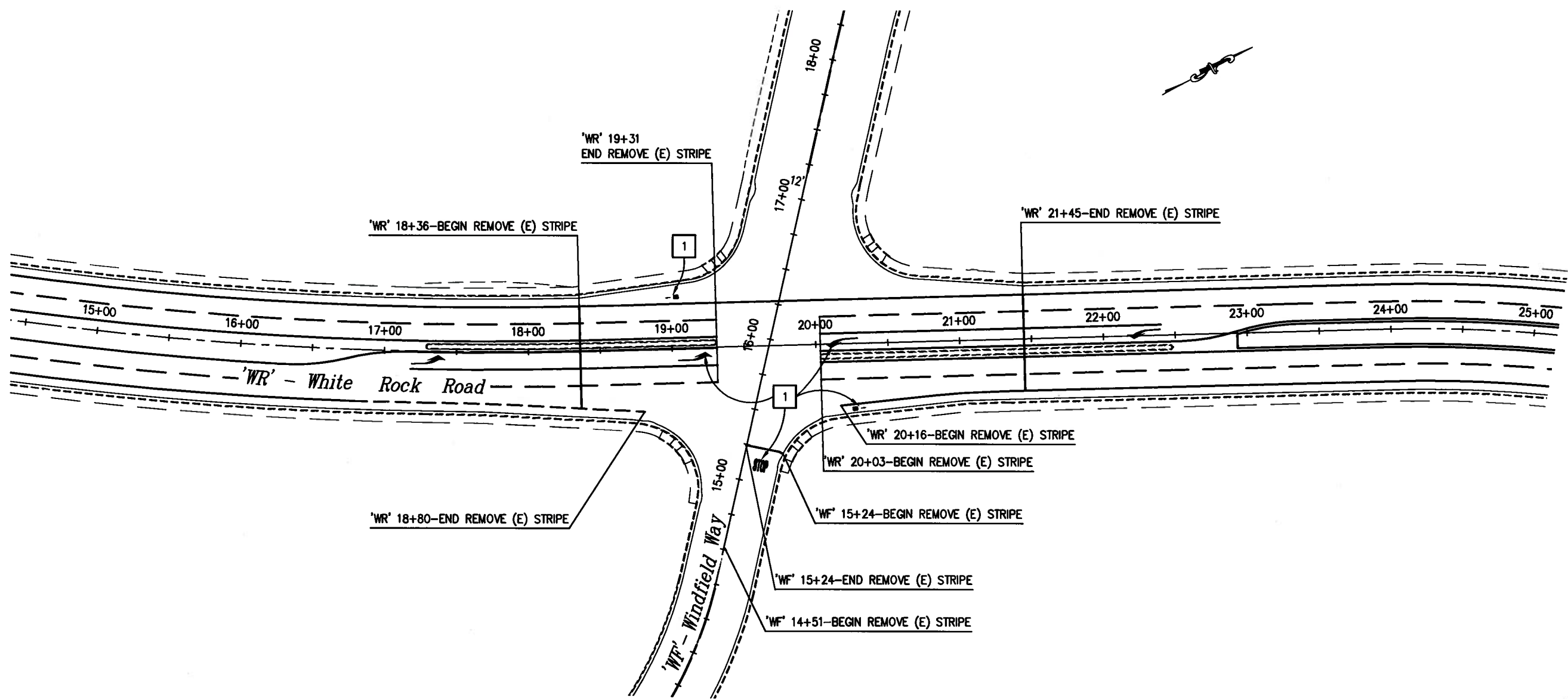
EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION

WHITE ROCK ROAD WIDENING AND SIGNALIZATION

SIGN PLAN
SCALE : 1" = 40'

SHEET
SPD-4
17 OF 23
W.O. No. **72372**

Drawing name: C:\Civil 3D Projects\72372 White Rock Road to Keables\CADD Files\Sheets\Reduced Budget Plan Sheets\SPD-5.dwg Layout Tab: SPD-5 Jul 07, 2010
 ORIGINAL SCALE IS IN INCHES
 FOR REDUCED PLANS



REMOVE THERMOPLASTIC TRAFFIC STRIPE	
THERMOPLASTIC STRAFFIC STRIPE (SPRAYABLE)	PAVEMENT MARKER
(LF)	(EA)
1814	38

REMOVE PAVEMENT MARKINGS				
SYMBOL DESCRIPTION - STANDARD PLAN	QUANTITY (EA)	QUANTITY (LF)	AREA (SF)	TOTAL AREA (SF)
TYPE III (L) ARROW - A24B	2		42	84
STOP - A24D	1		22	22
LIMIT LINE - A24D		27	27	27
BIKE SYMBOL & ARROW - A24A & A24C	2		14	28
TOTAL				161

GENERAL NOTES:

1 -- REMOVE PAVEMENT MARKING

STRIPING LEGEND

- TYPE III (L) ARROW
- B** BIKE LANE SYMBOL

PRELIMINARY 100%

REMOVE EXISTING PAVEMENT DELINEATOR
1" = 40'

REVISION	NUMBER	DATE	DESCRIPTION	BY

PREPARED UNDER THE SUPERVISION OF:

REGISTERED CIVIL ENGINEER

DATE: _____

DESIGNED: PH
DRAWN: AN
CHECKED: DOT
DATE: 7/7/2010
ROAD NUMBER: 34

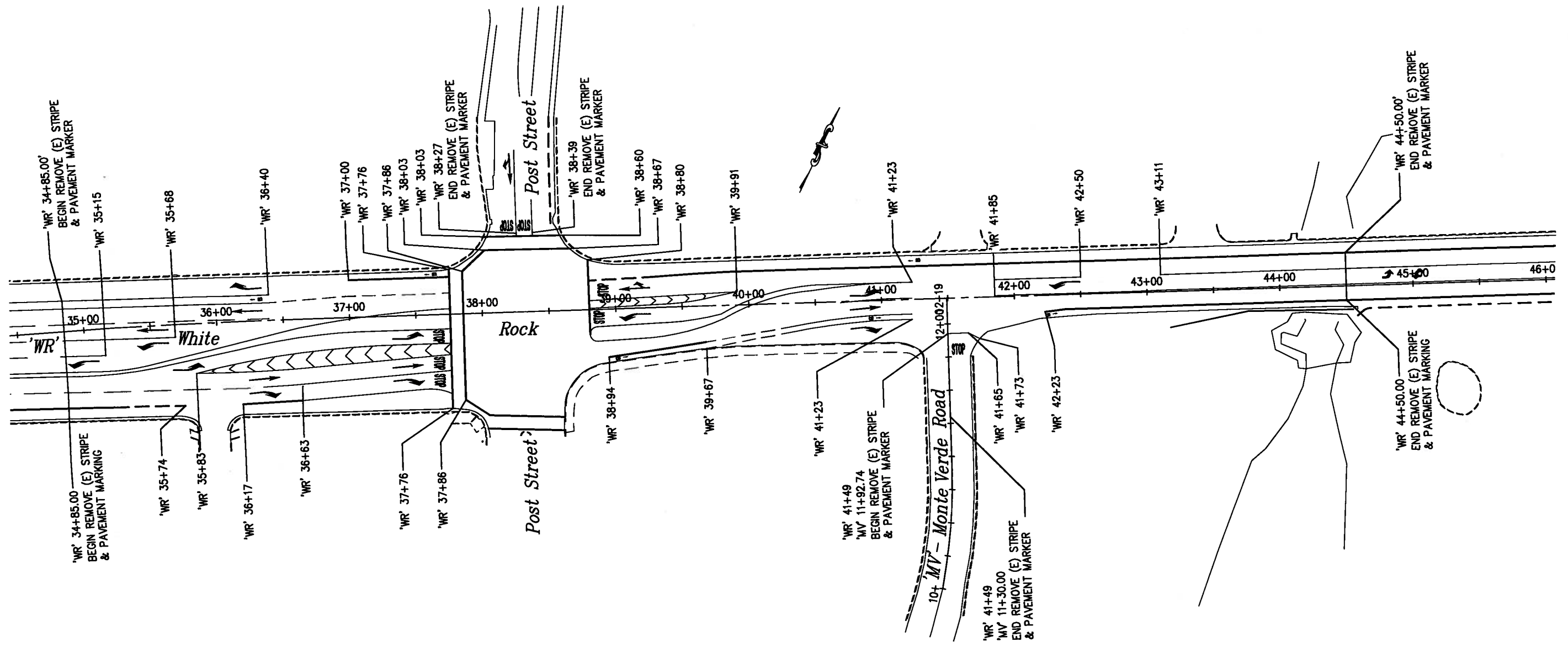


EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION

**WHITE ROCK ROAD WIDENING
AND SIGNALIZATION**

SHEET
SPD-5
18 OF 23
W.O. No. **72372**

Drawing name: C:\Civil 3D Projects\72372 White Rock Road to Keables\CADD Files\Sheets\Reduced Budget Plan Sheets\SPD-6.dwg Layout Tab: SPD-6 Jul 07, 2010
 ORIGINAL SCALE IS IN INCHES
 FOR REDUCED PLANS



STRIPING LEGEND

- TYPE I ARROW
- TYPE II (R) ARROW
- TYPE III (L) ARROW
- TYPE III (R) ARROW
- B** BIKE LANE SYMBOL

REMOVE THERMOPLASTIC TRAFFIC STRIPE	
THERMOPLASTIC STRAFFIC STRIPE (SPRAYABLE)	PAVEMENT MARKER
(LF)	(EA)
6436	138

PAVEMENT MARKINGS				
SYMBOL DESCRIPTION - STANDARD PLAN	QUANTITY (EA)	QUANTITY (LF)	AREA (SF)	TOTAL AREA (SF)
TYPE I ARROW - A24A	5		31	155
TYPE II (R) - A24B	1		45	45
TYPE III (L) ARROW - A24B	7		42	294
TYPE III (R) ARROW - A24B	4		42	168
STOP - A24D	6		22	132
CROSSWALK & LIMIT LINE - A24D		537	537	537
BIKE SYMBOL & ARROW - A24A & A24C	6		14	84
TOTAL				1415

PRELIMINARY 100%

**PAVEMENT DELINEATION
SCALE : 1" = 40'**

REVISION NUMBER	DATE	DESCRIPTION	BY

PREPARED UNDER THE SUPERVISION OF:

DESIGNED: PH DRAWN: AN

CHECKED: DOT DATE: 7/7/2010

REGISTERED CIVIL ENGINEER ROAD NUMBER: 34

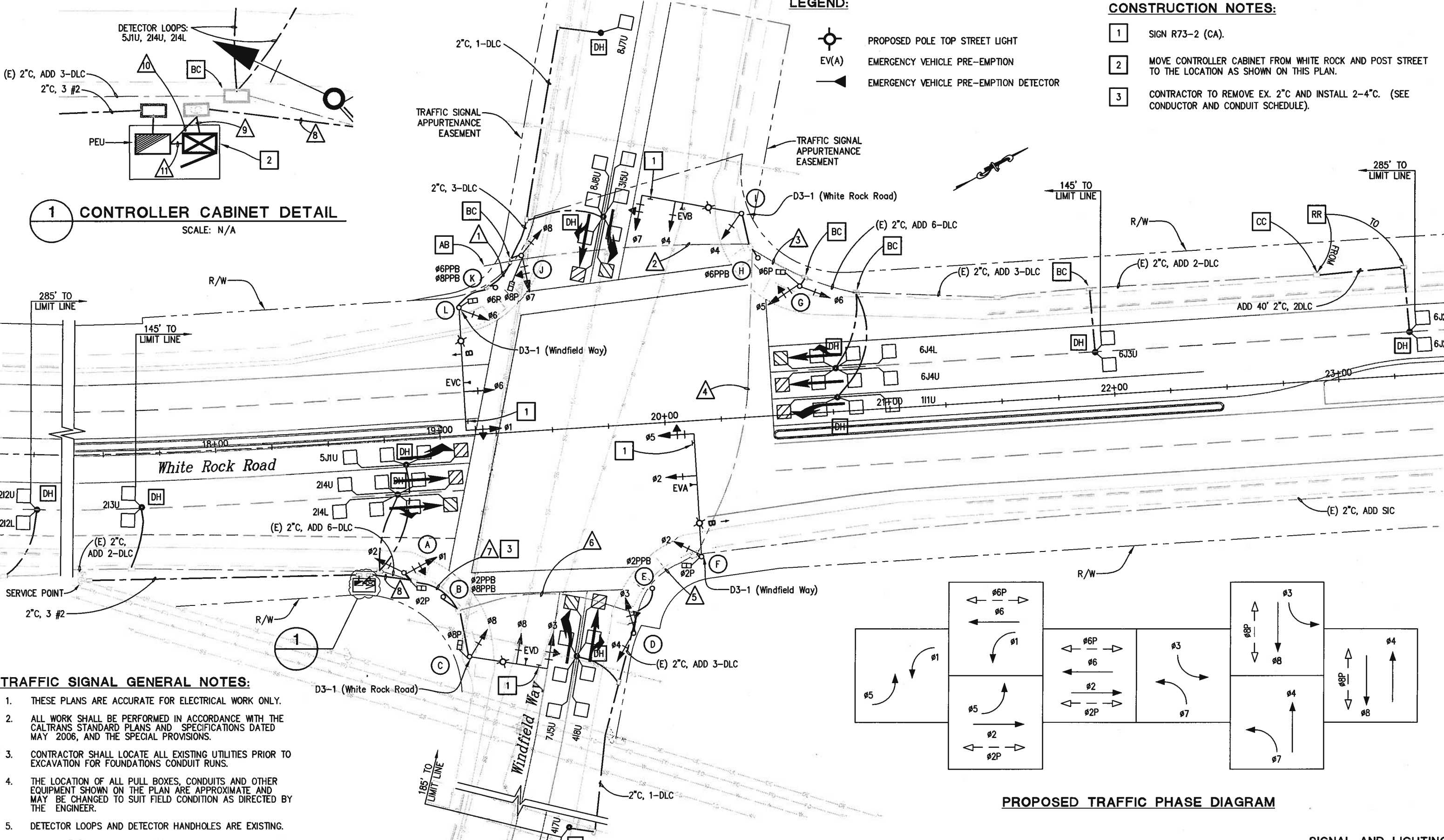
DATE: _____



**EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION**

**WHITE ROCK ROAD WIDENING
AND SIGNALIZATION**

Drawing name: C:\Civil 3D Projects\72372 White Rock Road to Keables\CADD Files\Sheets\Reduced Budget Plan Sheets\E-1.dwg
 Layout Tab: E-1 Jul 07, 2010 - 2:01
 ORIGINAL SCALE IS IN INCHES
 FOR REDUCED PLANS

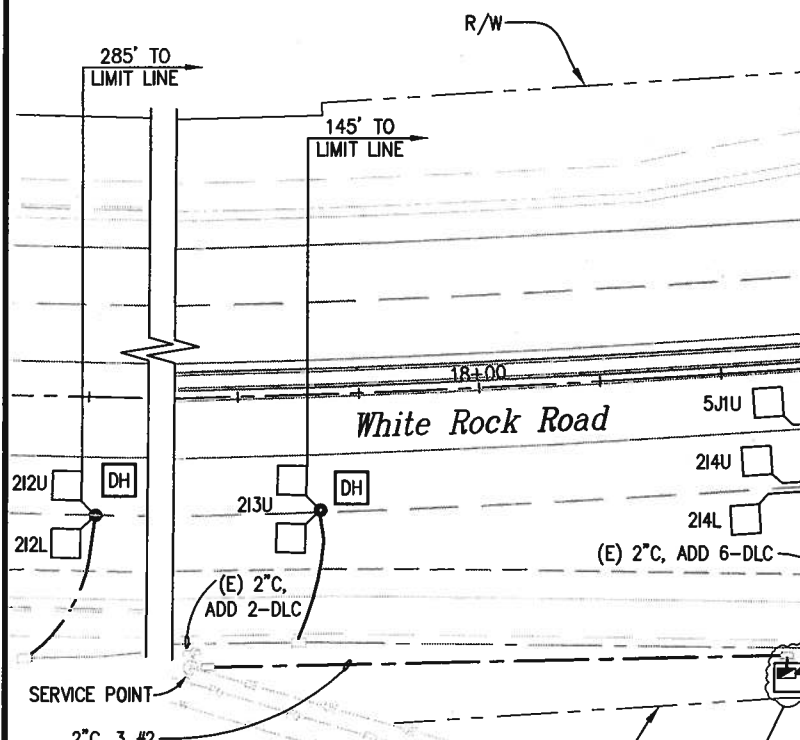


LEGEND:

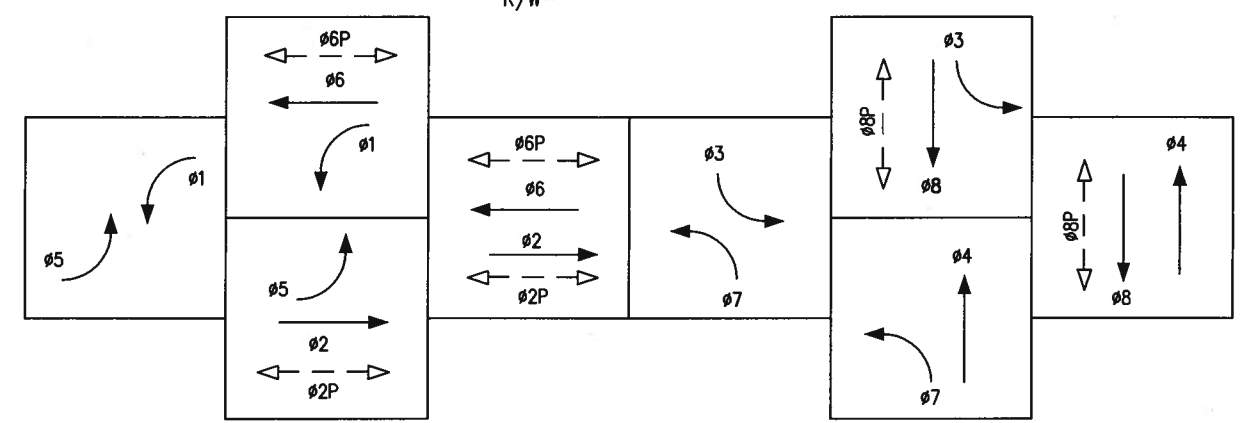
- PROPOSED POLE TOP STREET LIGHT
- EV(A) EMERGENCY VEHICLE PRE-EMPTION
- EMERGENCY VEHICLE PRE-EMPTION DETECTOR

- CONSTRUCTION NOTES:**
- 1 SIGN R73-2 (CA).
 - 2 MOVE CONTROLLER CABINET FROM WHITE ROCK AND POST STREET TO THE LOCATION AS SHOWN ON THIS PLAN.
 - 3 CONTRACTOR TO REMOVE EX. 2" C AND INSTALL 2-4" C. (SEE CONDUCTOR AND CONDUIT SCHEDULE).

1 CONTROLLER CABINET DETAIL
SCALE: N/A



- TRAFFIC SIGNAL GENERAL NOTES:**
1. THESE PLANS ARE ACCURATE FOR ELECTRICAL WORK ONLY.
 2. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE CALTRANS STANDARD PLANS AND SPECIFICATIONS DATED MAY 2006, AND THE SPECIAL PROVISIONS.
 3. CONTRACTOR SHALL LOCATE ALL EXISTING UTILITIES PRIOR TO EXCAVATION FOR FOUNDATIONS CONDUIT RUNS.
 4. THE LOCATION OF ALL PULL BOXES, CONDUITS AND OTHER EQUIPMENT SHOWN ON THE PLAN ARE APPROXIMATE AND MAY BE CHANGED TO SUIT FIELD CONDITION AS DIRECTED BY THE ENGINEER.
 5. DETECTOR LOOPS AND DETECTOR HANDHOLES ARE EXISTING.
 6. CONTRACTOR SHALL INSTALL #5 PULL BOX UNLESS OTHERWISE NOTED.



PROPOSED TRAFFIC PHASE DIAGRAM

REVISION	NUMBER	DATE	DESCRIPTION	BY

PREPARED UNDER THE SUPERVISION OF:

REGISTERED CIVIL ENGINEER

DATE: _____

DESIGNED: PH AN
 CHECKED: DS 7/7/2010
 ROAD NUMBER: 34



EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION

WHITE ROCK ROAD WIDENING AND SIGNALIZATION

SIGNAL AND LIGHTING
SCALE: 1" = 20'

SHEET
E-1
20 OF 23
W.O. No. **72372**

Drawing name: C:\Civil 3D Projects\72372 White Rock Road to Keables\CADD Files\Sheets\Reduced Budget Plan Sheets\E-2.dwg
 Layout Tab: E-2 Jul 07,2010 - 2:20
 ORIGINAL SCALE IS IN INCHES
 FOR REDUCED PLANS

AWG OR CABLE	CONDUCTOR & CONDUIT SCHEDULE																		
	Ø	POLE OR CIRCUIT	RUN No.																
			1**	2*	3*	4*	5	6*	7	8	9	10	11						
3/12 CONDUCTOR CABLE	Ø1, Ø2, Ø2P	POLE A											1	1					
	Ø2PPB, Ø8PPB	POLE B	1										1	1					
	Ø3, Ø8, Ø8P	POLE C		1									1	1					
	Ø3, Ø4	POLE D		1	1								1	1					
	Ø2PPB	POLE E	1	1								1	1						
	Ø2, Ø2P, Ø5	POLE F		1	1								1	1					
	Ø5, Ø6, Ø6P	POLE G					1	1	1	1	1	1	1	1					
	Ø6PPB	POLE H						1	1	1	1	1	1	1					
	Ø4, Ø7	POLE I							1	1	1	1	1	1					
	Ø7, Ø8, Ø8P	POLE J								1	1	1	1	1					
Ø6PPB, Ø8PPB	POLE K									1	1	1	1						
Ø1, Ø6, Ø6P	POLE L										1	1	1						
TOTAL CABLES 3/12 CONDUCTORS			2	3	1	2	1		1	1	2	1	3	2	4	4	8	4	8
#8	LIGHTING		2	2	2				2	2	2	2	4					4	
	SIGNAL NEUTRAL		1	1	1				1	1	1	2	2						
TOTAL #8 PER RUN			3	3	3				3	3	3	6	2	4					
#6	CONTROLLER SERVICE												2	2					
D.L.C.	111U					1	1	1	1	1	1								
	212L											1	1						
	212U											1	1						
	213L											1	1						
	213U											1	1						
	315U							1	1	1	1								
	417L		1	1								1	1						
	417U		1	1								1	1						
	5J1U												1	1					
	6J2L						1	1	1	1	1	1	1						
	6J2U						1	1	1	1	1	1	1						
	6J3L						1	1	1	1	1	1	1						
6J3U						1	1	1	1	1	1	1							
7J5U		1	1									1	1						
8J6L								1	1	1	1								
TOTAL DLCs PER RUN			3	3				5	5	7	7	15	15						
EMERGENCY VEHICLE CABLE	EVA		1	1	1							1	1						
	EVB							1	1	1	1	1							
	EVC										1	1	1						
	EVD		1										1	1					
TOTAL EV CABLES PER RUN			2	1	1				1	1	2	4	4						
SIC			1	1	1							1	1						
CONDUIT SIZE			1-2	3	4	4	2	3	4	4	2-4	2-4	2						
% FILL			23	24	7	0	26	23	19	24	26	25	9						

No.	POLE & EQUIPMENT SCHEDULE										REMARKS	
	TYPE	STANDARD		VEHICLE SIGNAL MTG.			PED SIGNAL MTG.	PPB	LOCATION			
		SIG. M.A. (FT)	LUM. M.A. (FT)	LUMINAIRE HPSV	MAST ARM	POLE			STATION	OFFSET		
(A)	1-B						TV-2-T	SP-1-T		'WR' 18+80.16	59.60'-RT	
(B)	PPB POST								← Ø2 → Ø8	'WR' 18+97.00	71.47'-RT	
(C)	24-4-100	35	15	200 W	MAS Ø3 MAS Ø8		SV-1-T	SP-1-T		'WR' 19+07.03	98.89'-RT	F=14'
(D)	1-B						TV-2-T			'WR' 19+80.35	93.07'-RT	
(E)	PPB POST								→ Ø2	'WR' 19+89.87	73.60'-RT	
(F)	29-5-100	55	15	200 W	MAS Ø2 MAS Ø5		SV-1-T	SP-1-T		'WR' 20+12.48	60.80'-RT	F=19'
(G)	1-B						TV-2-T	SP-1-T		'WR' 20+63.47	57.09'-LT	
(H)	PPB POST								← Ø6	'WR' 20+45.75	70.89'-LT	
(I)	26-4-100	45	15	200 W	MAS Ø4 MAS Ø7		SV-1-T			'WR' 20+39.73	91.10'-LT	F=15'
(J)	1-B						TV-2-T	SP-1-T		'WR' 19+41.03	78.65'-LT	
(K)	PPB POST								→ Ø6 ← Ø8	'WR' 19+28.63	65.06'-LT	
(L)	29-5-100	55	15	200 W	MAS Ø1 MAS Ø6		SV-1-T	SP-1-T		'WR' 19+11.93	57.13'-LT	F=17'

NOTES:

- CONTRACTOR TO INSTALL COUNTY FURNISHED POLE LOCATED AT SOUTHEAST CORNER OF WHITE ROCK ROAD AND MONTE VERDE DRIVE.

PRELIMINARY 100%

SIGNAL AND LIGHTING
SCALE : 1" = 40'

REVISION	NUMBER	DATE	DESCRIPTION	BY

PREPARED UNDER THE SUPERVISION OF :

REGISTERED CIVIL ENGINEER

DATE: _____

DESIGNED: PH AN

CHECKED: DS

DATE: 7/7/2010

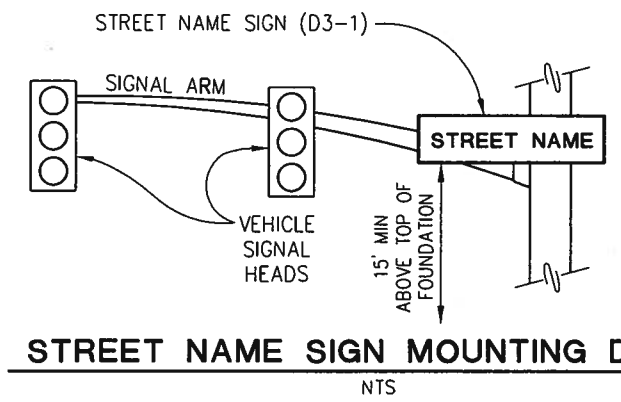
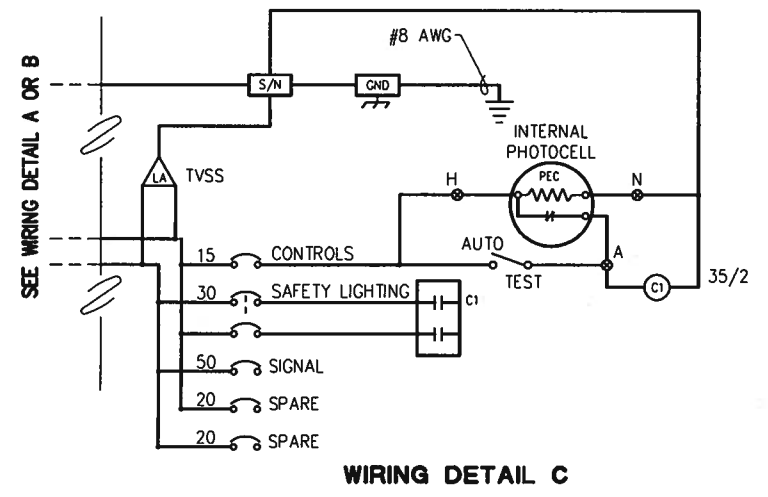
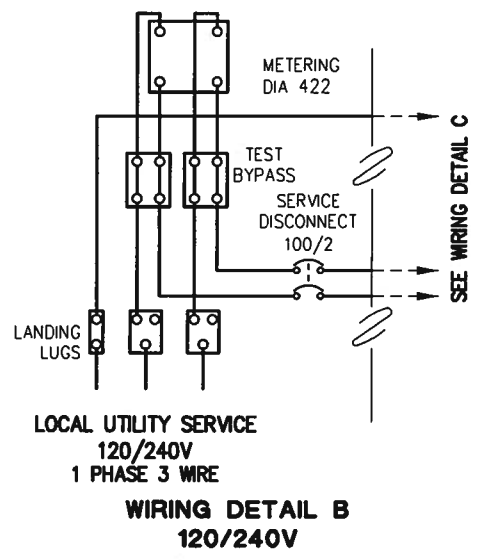
ROAD NUMBER: 34



EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION

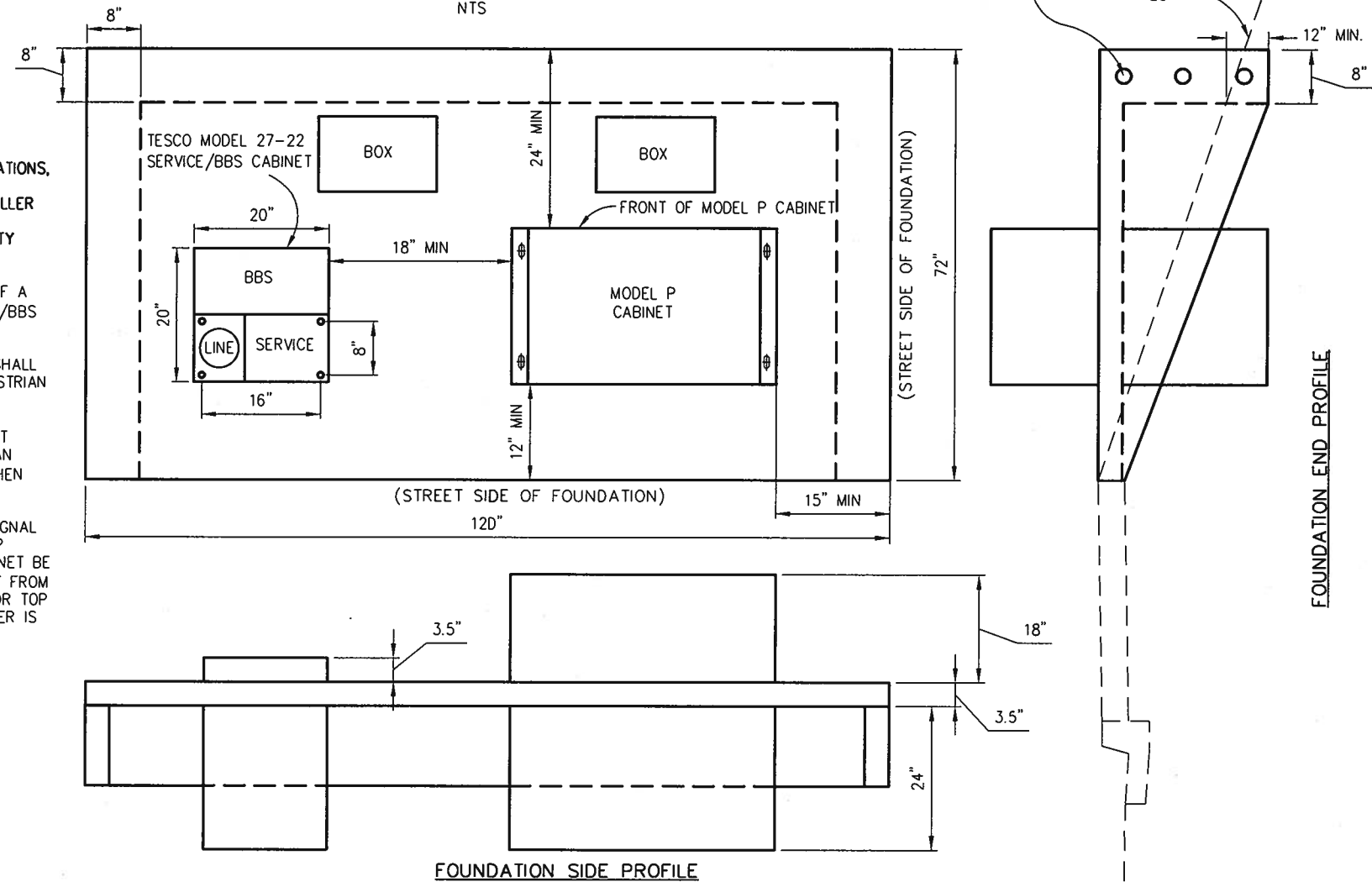
**WHITH ROCK ROAD WIDENING
AND SIGNALIZATION**

ORIGINAL SCALE IS IN INCHES
 Drawing name: C:\Civil 3D Projects\72372 White Rock Road to Keables\CADD Files\Sheets\Reduced Budget Plan Sheets\E-3.dwg Layout Tab: E-3 Jul 07, 2010 - 2:04pm ANguyen
 FOR REDUCED PLANS
 2
 1
 0

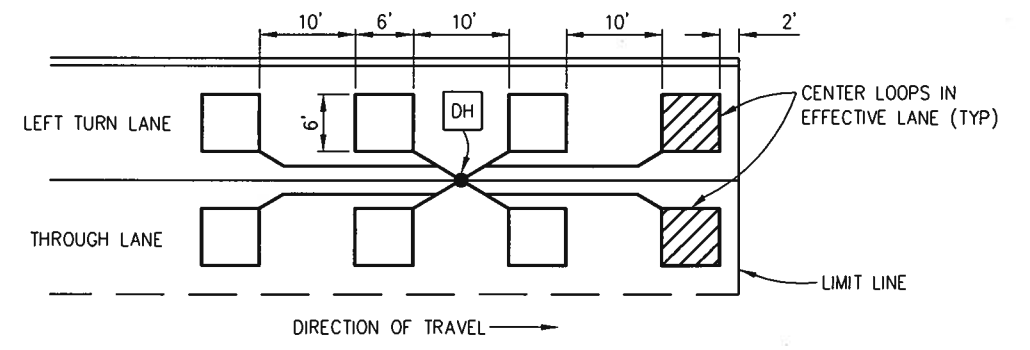


- NOTES:**
1. ALL HANGER COMPONENTS TO BE GALVANIZED, EXCEPT STAINLESS STEEL BANDS.
 2. ATTACH SIGN TO POLE AND SIGNAL MAST ARM VIA SADDLE BRACKETS.
 3. SEE EQUIPMENT SCHEDULE FOR MESSAGE.
 4. SEE SPECIAL PROVISIONS FOR SIGN SPECIFICATIONS.

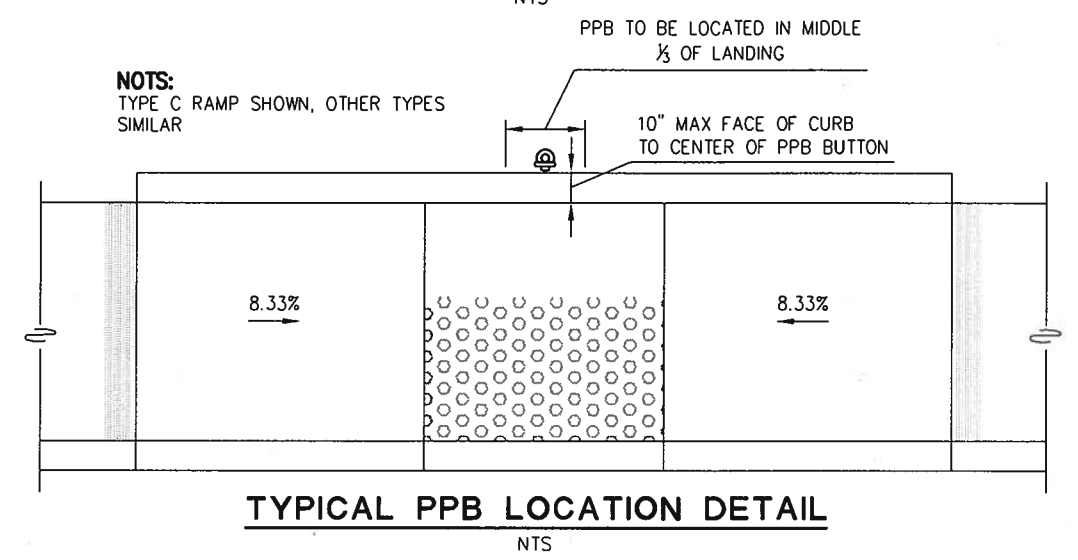
TRANSIENT VOLTAGE SURGE SUPPRESSION (TVSS) SERVICE EQUIPMENT WIRING DIAGRAM
NTS



TYPICAL SIGNAL CONTROLLER PAD MODEL P CABINET W/ 18" RISER
NTS



TYPICAL PPB LOCATION DETAIL
NTS



- IN ADDITION TO MEETING ALL CURRENT CALTRANS SPECIFICATIONS, THE FOUNDATION FOR THE ELECTRICAL SYSTEMS CONTROLLER CABINET SHALL MEET THE FOLLOWING EL DORADO COUNTY SPECIAL PROVISIONS:
1. SERVICE SHALL CONSIST OF A TESCO 27-22 TYPE III-AF/BBS COMBO.
 2. ELECTRICAL PULL BOXES SHALL NOT BE LOCATED IN PEDESTRIAN TRAVELWAY (SIDEWALK).
 3. CABINET DOORS SHALL NOT PROTRUDE INTO PEDESTRIAN TRAVELWAY (SIDEWALK) WHEN OPEN.
 4. IN NO CASE SHALL THE SIGNAL CABINET, BATTERY BACKUP CABINET OR SERVICE CABINET BE LESS THAN FOUR (4) FEET FROM THE EDGE OF PAVEMENT OR TOP BACK OF CURB, WHICH EVER IS GREATER.

SCALE : NONE
CONSTRUCTION DETAILS
TRAFFIC SIGNAL INSTALLATION

REVISION	NUMBER	DATE	DESCRIPTION	BY

PREPARED UNDER THE SUPERVISION OF :

REGISTERED CIVIL ENGINEER

DATE:

DESIGNED: PH AN
DRAWN: AN
CHECKED: DS DATE: 7/7/2010
ROAD NUMBER: 34



EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION

WHITE ROCK ROAD WIDENING AND SIGNALIZATION

SHEET
E-3
22 OF 23
W.O. No. **72372**

