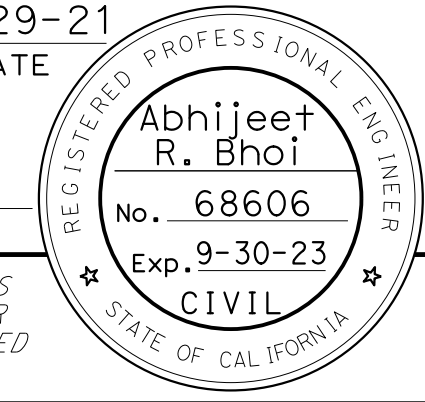


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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 Et Caltrans®
 CONSULTANT SUPERVISOR ABHIJEET R. BHOI
 CALCULATED/DESIGNED BY JOSE CORONEL/BENJAMIN DEMONBREUN
 CHECKED BY SHRUTI SHAH
 REVISED BY SS
 DATE 9-29-21

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	1001	1710
REGISTERED CIVIL ENGINEER DATE 9-29-21 October 8, 2021 PLANS APPROVAL DATE					
AECOM 4 N. Second Street Suite 675 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		

ROADSIDE SIGN PANEL QUANTITIES

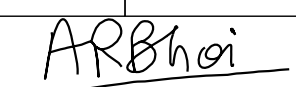

SHEET No.	SIGN No. (SIGN-No.)	SIGN DESIGNATION	PANEL SIZE LxD (N)	PANEL AREA (N)	SINGLE FACED	BACKGROUND		LEGEND		PROTECTIVE FILM	FURNISH SINGLE SHEET ALUMINUM SIGN		FURNISH SINGLE SHEET ALUMINUM SIGN	FURNISH LAMINATED PANEL SIGN			
						SHEETING COLOR	RETROREFLECTIVE ASTM TYPE	SHEETING COLOR	RETROREFLECTIVE ASTM TYPE		PREMIUM	UNFRAMED			FRAMED		
												0.063"			0.080"	0.063"	0.080"
			INCHES	SQFT							SQFT	SQFT	SQFT	SQFT	SQFT		
S-25	S25-1	M3-3	36 x 18	4.50	X	BLUE	XI	WHITE	XI	X	4.50						
		G27-2 (680) (CA)	36 x 36	9.00	X	RED/BLUE	XI	WHITE	XI	X	9.00						
		G30A (CA)	18 x 27	3.38	X	Var	XI	Var	XI	X	3.38						
S25-3	SPECIAL EL	30 x 54	11.25	X	GREEN/WHITE	XI	WHITE/BLACK	XI/PLAIN	X	11.25							
S26-1	W4-1	48 x 48	16.00	X	YELLOW	XI	BLACK	PLAIN	X		16.00						
S26-3	R93-2 Mod (CA)	30 x 60	12.50	X	WHITE	XI	BLACK	PLAIN	X	12.50							
S26-4	R86-3 Mod (CA)	30 x 60	12.50	X	GREEN/WHITE	XI	WHITE/BLACK	XI/PLAIN	X	12.50							
S27-1	W4-1	48 x 48	16.00	X	YELLOW	XI	BLACK	PLAIN	X		16.00						
S-27	S27-3	R2-1 (65)	36 x 48	12.00	X	WHITE	XI	BLACK	PLAIN	X		12.00					
		R48-1 (CA)	36 x 18	4.50	X	WHITE	XI	BLACK	PLAIN	X	4.50						
	S27-6	G84-2 (29) (CA)	54 x 48	18.00	X	GREEN	XI	WHITE	XI	X		18.00					
	S27-8	W13-2 (35)	36 x 48	12.00	X	YELLOW	XI	BLACK	XI	X	12.00						
	S27-10	R5-1	36 x 36	9.00	X	WHITE	XI	WHITE/ RED	XI	X	9.00						
		R5-1a	36 x 24	6.00	X	RED	XI	WHITE	XI	X	6.00						
	S27-12	R61-19 Mod (CA)	48 x 36	12.00	X	WHITE	XI	BLACK	PLAIN	X		12.00					
	S27-14	W3-3	48 x 48	16.00	X	YELLOW	XI	BLACK	PLAIN	X		16.00					
	S27-16	R86-3 Mod (CA)	30 x 60	12.50	X	GREEN/WHITE	XI	WHITE/BLACK	XI/PLAIN	X	12.50						
	S27-17	SR50-2 Mod (CA)	30 x 48	10.00	X	WHITE	XI	BLACK	PLAIN	X	10.00						
S28-1	W74 (CA)	60 x 60	25.00	X	YELLOW	XI	BLACK	PLAIN	X			25.00					
S28-3	R20-1 Mod (CA)	102 x 48	34.00	X	WHITE	XI	BLACK	PLAIN	X				34.00				
S-28	S28-5	M3-3	24 x 12	2.00	X	BLUE	XI	WHITE	XI	X	2.00						
		G27-2 (680)	36 x 36	9.00	X	RED/BLUE	XI	WHITE	XI	X	9.00						
		G30A (CA)	18 x 27	3.38	X	Var	XI	Var	XI	X	3.38						
	S28-7	R18A (RIGHT LANE) (CA)	66 x 48	22.00	X	WHITE	XI	BLACK	XI/PLAIN	X			22.00				
	S28-8	SPECIAL EL	30 x 54	11.25	X	GREEN/WHITE	XI	WHITE/BLACK	XI/PLAIN	X	11.25						
S28-9	R93-2 Mod (CA)	30 x 60	12.50	X	WHITE	XI	BLACK	PLAIN	X	12.50							
S-29	S29-1	W4-1	48 x 48	16.00	X	YELLOW	XI	BLACK	PLAIN	X		16.00					
		W16-2aP	30 x 18	3.75	X	YELLOW	XI	BLACK	PLAIN	X	3.75						
S-30	S30-1	W4-1	48 x 48	16.00	X	YELLOW	XI	BLACK	PLAIN	X		16.00					
SHEET TOTAL											149.00	122.00	47.00	34.00	0.00		

(N) - NOT A SEPARATE BID ITEM

SIGN QUANTITIES

SQ-17

LAST REVISION DATE PLOTTED => 8-MAR-2022
 09-29-21 TIME PLOTTED => 11:05

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	1002	1710
			9-29-21		
REGISTERED CIVIL ENGINEER			DATE		
October 8, 2021			PLANS APPROVAL DATE		
					
AECOM 4 N. Second Street Suite 675 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		


ROADSIDE SIGN PANEL QUANTITIES

SHEET No.	SIGN No. (SIGN-No.)	SIGN DESIGNATION	PANEL SIZE LxD (N)	PANEL AREA (N)	SINGLE FACED	BACKGROUND		LEGEND		PROTECTIVE FILM	FURNISH SINGLE SHEET ALUMINUM SIGN		FURNISH SINGLE SHEET ALUMINUM SIGN		FURNISH LAMINATED PANEL SIGN	
						SHEETING COLOR	RETROREFLECTIVE ASTM TYPE	SHEETING COLOR	RETROREFLECTIVE ASTM TYPE		PREMIUM	UNFRAMED		FRAMED		
												0.063"	0.080"	0.063"		0.080"
						SQFT	SQFT	SQFT	SQFT	SQFT	SQFT	SQFT	SQFT	1" - TYPE B		
S-30	S30-3	R89-1 (CA)	22x10	1.53	X	WHITE	XI	BLACK	PLAIN	X	1.53					
		R10-6 (L+)	24x36	6.00	X	WHITE	XI	BLACK	PLAIN	X	6.00					
	S30-5	R89-1 (CA)	22x10	1.53	X	WHITE	XI	BLACK	PLAIN	X	1.53					
		R10-6 (R+)	24x36	6.00	X	WHITE	XI	BLACK	PLAIN	X	6.00					
	S30-7	D13-3	48x30	10.00	X	GREEN	XI	WHITE	XI	X		10.00				
		M3-3	24x12	2.00	X	BLUE	XI	WHITE	XI	X	2.00					
		G27-2 (680) (CA)	21x18	2.63	X	RED/BLUE	XI	WHITE	XI	X	2.63					
		M6-2a (L+)	21x15	2.19	X	BLUE	XI	WHITE	XI	X	2.19					
	S30-9	R91-1 (L+) (24 HOURS) (CA)	36x54	13.50	X	BLACK/ WHITE	PLAIN/ XI	WHITE/ BLACK	XI/ PLAIN	X	13.50					
	S30-11	R5-10a	30x36	7.50	X	WHITE	XI	BLACK	PLAIN	X	7.50					
	S30-13	W1-1 (R+)	36x36	9.00	X	YELLOW	XI	BLACK	PLAIN	X	9.00					
		W13-1P (25)	30x30	6.25	X	YELLOW	XI	BLACK	PLAIN	X	6.25					
	S30-15	D13-3	48x30	10.00	X	GREEN	XI	WHITE	XI	X		10.00				
		M3-3	24x12	2.00	X	BLUE	XI	WHITE	XI	X	2.00					
		G27-2 (680) (CA)	21x18	2.63	X	RED/BLUE	XI	WHITE	XI	X	2.63					
		M6-2a (R+)	21x15	2.19	X	BLUE	XI	WHITE	XI	X	2.19					
	S30-17	R4-7	24x30	5.00	X	WHITE	XI	BLACK	PLAIN	X	5.00					
	S30-19	OM1-3	18x18	2.25	X	YELLOW	XI	-	XI	X	2.25					
		R5-1	36x36	9.00	X	WHITE	XI	WHITE/RED	XI	X	9.00					
	S30-21	R5-1a	36x24	6.00	X	RED	XI	WHITE	XI	X	6.00					
		R5-1	36x36	9.00	X	WHITE	XI	WHITE/ RED	XI	X	9.00					
		R5-1a	36x24	6.00	X	RED	XI	WHITE	XI	X	6.00					
		R6-1 (L+)	36x12	3.00	X	WHITE/ BLACK	XI/ PLAIN	BLACK	PLAIN	X	3.00					
	S30-23	R5-10c	24x12	2.00	X	WHITE	XI	BLACK	PLAIN	X	2.00					
	S30-25	G8-4 (CA)	60x30	12.50	X	GREEN	XI	WHITE	XI	X		12.50				
R10-12		30x36	7.50	X	WHITE	XI	BLACK/ GREEN	PLAIN/ XI	X	7.50						
S30-27	R10-31P	24x9	1.50	X	WHITE	XI	BLACK	PLAIN	X	1.50						
S30-29	R61-7 (CA)	36x30	7.50	X	WHITE	XI	BLACK	PLAIN	X	7.50						
S30-31	W3-3	48x48	16.00	X	YELLOW	XI	BLACK	PLAIN	X		16.00					
S30-34	SPECIAL EL	30x54	11.25	X	GREEN/WHITE	XI	WHITE/BLACK	XI/PLAIN	X	11.25						
S30-35	R93-2 Mod (CA)	30x60	12.50	X	WHITE	XI	BLACK	PLAIN	X	12.50						
S30-36	R86-3 Mod (CA)	30x60	12.50	X	GREEN/WHITE	XI	WHITE/BLACK	XI/PLAIN	X	12.50						
S-31	S31-2	SPECIAL EL	30x54	11.25	X	GREEN/WHITE	XI	WHITE/BLACK	XI/PLAIN	X	11.25					
	S31-3	R93-2 Mod (CA)	30x60	12.50	X	WHITE	XI	BLACK	PLAIN	X	12.50					
	S31-4	SR50-2 Mod (CA)	30x48	10.00	X	WHITE	XI	BLACK	PLAIN	X	10.00					
	SHEET TOTAL											196.68	36.00	12.50	0.00	0.00

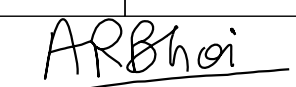
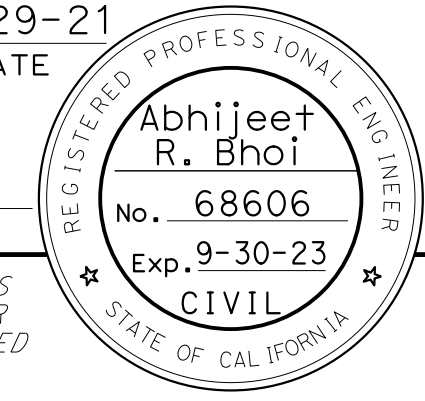
(N) - NOT A SEPARATE BID ITEM

SIGN QUANTITIES

SQ-18

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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION


LAST REVISION DATE PLOTTED => 8-MAR-2022
 09-29-21 TIME PLOTTED => 11:05

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	1003	1710
			9-29-21		
REGISTERED CIVIL ENGINEER			DATE		
October 8, 2021			PLANS APPROVAL DATE		
					
AECOM 4 N. Second Street Suite 675 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		


ROADSIDE SIGN PANEL QUANTITIES

SHEET No.	SIGN No. (SIGN-No.)	SIGN DESIGNATION	PANEL SIZE LxD (N)	PANEL AREA (N)	SINGLE FACED	BACKGROUND		LEGEND		PROTECTIVE FILM	FURNISH SINGLE SHEET ALUMINUM SIGN		FURNISH SINGLE SHEET ALUMINUM SIGN		FURNISH LAMINATED PANEL SIGN	
						SHEETING COLOR	RETROREFLECTIVE ASTM TYPE	SHEETING COLOR	RETROREFLECTIVE ASTM TYPE		PREMIUM	UNFRAMED		FRAMED		
												0.063"	0.080"	0.063"		0.080"
						SQFT		SQFT			SQFT	SQFT	1" - TYPE B	SQFT		
S-32	S32-2	SPECIAL EL	30 x 54	11.25	X	GREEN/WHITE	XI	WHITE/BLACK	XI/PLAIN	X	11.25					
	S32-3	W13-3 (45)	48 x 60	20.00	X	YELLOW	XI	BLACK	PLAIN	X		20.00				
	S32-5	SPECIAL EL	30 x 54	11.25	X	GREEN/WHITE	XI	WHITE/BLACK	XI/PLAIN	X	11.25					
S-33	S33-1	R86-3 Mod (CA)	30 x 60	12.50	X	GREEN/WHITE	XI	WHITE/BLACK	XI/PLAIN	X	12.50					
	S33-2	R93-2 Mod (CA)	30 x 60	12.50	X	WHITE	XI	BLACK	PLAIN	X	12.50					
S-34	S34-1	SR61 (CA)	96 x 66	44.00	X	WHITE	XI	BLACK	PLAIN	X				44.00		
	S34-3	E1-5P Mod	48 x 12	4.00	X	GREEN	XI	WHITE	XI	X		4.00				
		G86-5 Mod (CA)	90 x 60	37.50	X	GREEN	XI	WHITE	XI	X				37.50		
S34-5	SR50-2 Mod (CA)	30 x 48	10.00	X	WHITE	XI	BLACK	PLAIN	X	10.00						
S-35	S35-1	SPECIAL EL	30 x 54	11.25	X	GREEN/WHITE	XI	WHITE/BLACK	XI/PLAIN	X	11.25					
	S35-2	R93-2 Mod (CA)	30 x 60	12.50	X	WHITE	XI	BLACK	PLAIN	X	12.50					
S-36	S36-1	G20-5 Mod (CA)	120 x 54	45.00	X	GREEN	XI	WHITE	XI	X				45.00		
	S36-3	SR50-2 Mod (CA)	30 x 48	10.00	X	WHITE	XI	BLACK	PLAIN	X	10.00					
	S36-4	W4-1 (CA)	48 x 48	16.00	X	YELLOW	XI	BLACK	PLAIN	X		16.00				
	S36-6	G77-7 Mod (CA)	114 x 72	57.00	X	GREEN	XI	WHITE	XI	X				57.00		
		D13-3	48 x 30	10.00	X	GREEN	XI	WHITE	XI	X		10.00				
		D13-3	48 x 30	10.00	X	GREEN	XI	WHITE	XI	X		10.00				
		M3-3	36 x 18	4.50	X	BLUE	XI	WHITE	XI	X	4.50					
	S36-8	G27-2 (680) (CA)	36 x 36	9.00	X	RED/BLUE	XI	WHITE	XI	X	9.00					
M6-2a (L+)		21 x 15	2.19	X	BLUE	XI	WHITE	XI	X	2.19						
S36-10	R5-10a	30 x 36	7.50	X	WHITE	XI	BLACK	PLAIN	X	7.50						
S-37	S37-1	R93-2 Mod (CA)	30 x 60	12.50	X	WHITE	XI	BLACK	PLAIN	X	12.50					
	S37-2	R93-2 Mod (CA)	30 x 60	12.50	X	WHITE	XI	BLACK	PLAIN	X	12.50					
	S37-3	R86-3 Mod (CA)	30 x 60	12.50	X	GREEN/WHITE	XI	WHITE/BLACK	XI/PLAIN	X	12.50					
S-38	S38-1	R86-3 Mod (CA)	30 x 60	12.50	X	GREEN/WHITE	XI	WHITE/BLACK	XI/PLAIN	X	12.50					
	S38-2	R93-2 Mod (CA)	30 x 60	12.50	X	WHITE	XI	BLACK	PLAIN	X	12.50					
	S38-5	SPECIAL EL	30 x 54	11.25	X	GREEN/WHITE	XI	WHITE/BLACK	XI/PLAIN	X	11.25					
SHEET SQ-19 TOTAL											188.19	60.00	0.00	183.50	0.00	
SHEET SQ-18 TOTAL											196.68	36.00	12.50	0.00	0.00	
SHEET SQ-17 TOTAL											149.00	122.00	47.00	34.00	0.00	
SHEET SQ-16 TOTAL											179.73	49.00	0.00	129.25	49.50	
SHEET SQ-15 TOTAL											130.50	90.00	78.75	51.50	0.00	
SHEET SQ-14 TOTAL											107.25	75.00	0.00	0.00	0.00	
SHEET SQ-13 TOTAL											194.00	58.75	0.00	78.75	0.00	
GRAND TOTAL											1145.35	490.75	138.25	477.00	49.50	

(N) - NOT A SEPARATE BID ITEM

SIGN QUANTITIES

SQ-19

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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION


LAST REVISION DATE PLOTTED => 8-MAR-2022
 09-29-21 TIME PLOTTED => 11:05

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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 CONSULTANT - FUNCTIONAL SUPERVISOR
 ABHIJEET R. BHOI
 CALCULATED/DESIGNED BY
 CHECKED BY
 JOSE CORONEL/
 BENJAMIN DEMONBREUN
 SHRUTI SHAH
 REVISED BY
 DATE REVISED
 SS
 9-29-21

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	1004	1710

ARBhoi
 9-29-21
 REGISTERED CIVIL ENGINEER DATE

October 8, 2021
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
Abhijeet R. Bhoi
 No. 68606
 Exp. 9-30-23
 CIVIL
 STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

AECOM 4 N. Second Street Suite 675 San Jose, CA 95113	ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607
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OVERHEAD SIGN QUANTITIES


SHEET No.	SIGN No. No.	SIGN DESIGNATION	REMOVE SIGN STRUCTURE	REMOVE SIGN PANEL	RELOCATE SIGN PANEL **	FURNISH SIGN STRUCTURE (TRUSS)	INSTALL SIGN STRUCTURE (TRUSS)	INSTALL SIGN PANEL ON EXISTING FRAME	60" CIDH CONCRETE PILE (SIGN FOUNDATION)	REMARKS
			EA	EA	EA	LB	LB	SQFT	LF	
S-3	OS3-1	R3-48a Mod1		1				400		
S-6	OS6-1	R3-44 Mod				15,920	15,920		39.5	
	OS6-2	FUTURE SIGN PANEL				2,031	2,031		36	INSTALL FOUNDATION AND ANCHOR BOLTS ONLY
S-8	OS8-1	R3-44 Mod				17,793	17,793		30	
	OS8-2	FUTURE SIGN PANEL				2,424	2,424		33	INSTALL FOUNDATION AND ANCHOR BOLTS ONLY
S-9	OS9-1	G23-3 (CA)				15,767	15,767		24	
	OS9-2	G23-3 (CA)	1							
	OS9-3	G86-5 Mod (CA)	1							
S-10	OS10-1	R3-48a Mod1				26,076	26,076		28	
S-13	OS13-1	R3-44 Mod				23,054	23,054		34	
S-14	OS14-1	G23-4 (CA)	1							
	OS14-2	G23-4 Mod (CA)				16,336	16,336		30	
	OS14-3	G23-4 (CA)				15,412	15,412		29	
S-15	OS15-1	R3-48a Mod1				27,792	27,792		34	
S-18	OS18-1	R3-44 Mod				17,751	17,751		31	
S-19	OS19-1	G23-3 (CA) G86-14 (CA)	1							
	OS19-2	E1-5P Mod G86-14 Mod (CA)				16,127	16,127		27	
	OS19-3	G23-3 (CA)				16,074	16,074		27	
S-20	OS20-1	R3-44 Mod				23,732	23,732		35	
S-22	OS22-1	R3-44 Mod				13,151	13,151		28	
	OS22-2	FUTURE SIGN PANEL				2,031	2,031		28	INSTALL FOUNDATION AND ANCHOR BOLTS ONLY
S-25	OS25-1	R3-48a Mod2				22,841	22,841		34	
SHEET TOTAL			4	1	0	274,311	274,311	400	527.5	

** - SUMMARY OF QUANTITIES INCLUDED ON SQ-22

SIGN QUANTITIES

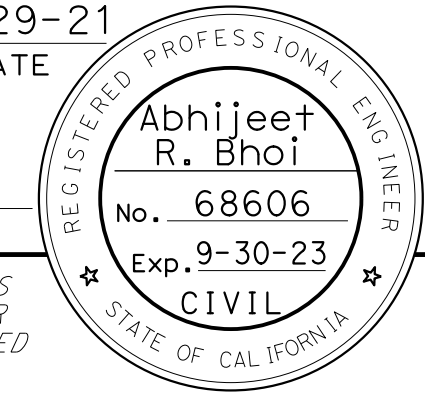
SQ-20

LAST REVISION DATE PLOTTED => 8-MAR-2022 TIME PLOTTED => 11:05

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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION


CALCULATED- DESIGNED BY	JOSE CORONEL/ BENJAMIN DEMONBREUN	REVISOR	SS	DATE	9-29-21
CHECKED BY	SHRUTI SHAH	DATE	DATE	DATE	DATE
SUPERVISOR	ABHIJEET R. BHOI	DATE	DATE	DATE	DATE

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	1005	1710
<i>ARBhoi</i>			9-29-21		
REGISTERED CIVIL ENGINEER			DATE		
October 8, 2021					
PLANS APPROVAL DATE					



THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

AECOM 4 N. Second Street Suite 675 San Jose, CA 95113	ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607
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OVERHEAD SIGN QUANTITIES

SHEET No.	SIGN No.	SIGN DESIGNATION	REMOVE SIGN STRUCTURE	REMOVE SIGN PANEL	RELOCATE SIGN PANEL **	FURNISH SIGN STRUCTURE (TRUSS)	INSTALL SIGN STRUCTURE (TRUSS)	INSTALL SIGN PANEL ON EXISTING FRAME	60" CIDH CONCRETE PILE (SIGN FOUNDATION)	REMARKS
			EA	EA	EA	LB	LB	SQFT	LF	
S-28	OS28-1	G83 Mod (CA)	1							
	OS28-2	E1-5P Mod G24-6 Mod (CA)				16,487	16,487		26	
	OS28-3	G85-11 Mod (CA)	1							
	OS28-4	E1-5P Mod G85-11 Mod				16,442	16,442		25	
	OS28-5	R3-48a Mod2				18,435	18,435		34	
	OS28-6	FUTURE SIGN PANEL				2,424	2,424		34	INSTALL FOUNDATION AND ANCHOR BOLTS ONLY
S-29	OS29-1	R3-44 Mod				13,390	13,390		28	
S-30	OS30-1	R3-12 Mod (1 MILE)	1		1					
	OS30-2	R3-12 Mod (1 MILE)				13,481	13,481	180	31	
S-31	OS31-3	R3-48a Mod3				18,989	18,989		28	
	OS31-4	R3-48a Mod	1							
S-32	OS32-1	R3-12 Mod (1/2 MILE)	1		1					
	OS32-2	R3-44 Mod				12,935	12,935		24	
	OS32-3	R3-12 Mod (1/2 MILE)				15,523	15,523	180	24	
S-34	OS34-1	R3-48a Mod2				18,916	18,916		28	
	OS34-2	R3-44 Mod				12,699	12,699	165	24	
	OS34-3	R3-44 Mod	1		1					
S-36	OS36-1	R3-44 Mod				12,905	12,905		28	
S-38	OS38-1	R3-45a		1						
SHEET SQ-21 TOTAL			6	1	3	172,627	172,627	525	334	
SHEET SQ-20 TOTAL			4	1	0	274,311	274,311	400	527.5	
GRAND TOTAL			10	2	3	446,938	446,938	925	861.5	

** - SUMMARY OF QUANTITIES INCLUDED ON SQ-22

SIGN QUANTITIES

SQ-21

LAST REVISION DATE PLOTTED => 8-MAR-2022 TIME PLOTTED => 11:05

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	1007	1710

REGISTERED CIVIL ENGINEER DATE 9-29-21
 October 8, 2021
 PLANS APPROVAL DATE

NIVEDITA U. PENDSE
 No. C63593
 Exp. 9-30-22
 CIVIL

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WMH CORPORATION 55 South Market St Suite 1200 San Jose, CA 95113	ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607
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PAVEMENT STRUCTURE QUANTITIES

SHEET No.	STATION LIMITS		DIRECTION	PAVEMENT SECTION	CLASS 2 AGGREGATE SUBBASE	CLASS 2 AGGREGATE BASE (CY)	LEAN CONCRETE BASE	LEAN CONCRETE BASE RAPID SETTING	ASPHALT TREATED PERMEABLE BASE	HOT MIX ASPHALT (TYPE A)	RHMA (GAP GRADED)	RHMA - OPEN GRADED (OPEN GRADED FRICTION COURSE)	JPCP	PCP	INDIVIDUAL SLAB REPLACEMENT (RAPID STRENGTH CONCRETE)	SUBGRADE ENHANCEMENT GEOTEXTILE, CLASS B2	CLASS 1 PAVING GRID	BASE BOND BREAKER	GEOSYNTHETIC PAVEMENT INTERLAYER (PAVING MAT)	TACK COAT	PRIME COAT	
	FROM	TO			CY	CY	CY	CY	CY	TON	TON	TON	CY	CY	CY	SQYD				TON	TON	
L-1	"I-680"	161+94.70	"I-680"	162+04.00	SB	13				3.9					14.0			33.7				
L-1 TO L-2	"I-680"	161+95.70	"I-680"	174+56.32	SB	9				91.3	132.3									1352.1	0.90	
L-1	"I-680"	161+96.60	"I-680"	171+07.62	SB	2	244.5			206.3			387.1									1.68
L-1 TO L-10	"I-680"	162+04.00	"I-680"	297+03.00	SB	1				4983.2				11390.2								
L-1	"I-680"	162+12.60	"I-680"	171+07.62	NB	2	570.3			481.2			902.9									3.92
L-2 TO L-9	"I-680"	178+92.00	"I-680"	281+37.19	SB	9				784.8	1137.9									11626.2	7.75	
L-4 TO L-7	"I-680"	204+86.61	"I-680"	244+59.09	SB	2	2106.5			1777.3			3335.2									14.48
L-4	"I-680"	208+75.00	"I-680"	211+75.00	SB	BSW																
L-4 TO L-9	"I-680"	213+00.00	"I-680"	281+37.19	SB	3A				2150.2			3792.2			476.3					1.90	12.51
L-5 TO L-7	"I-680"	217+50.00	"I-680"	255+20.00	NB	2	1393.3			1175.6			2206.0									9.58
L-7	"I-680"	244+59.09	"I-680"	255+20.00	SB	2A	697.4			441.3			828.1									3.60
L-7 TO L-8	"I-680"	255+20.00	"I-680"	257+12.50	NB	12	20.6														0.04	0.17
L-7 TO L-10	"I-680"	255+20.00	"I-680"	297+33.40	SB	2	2186.3			1844.7	16.1	6.7	3461.6									15.03
L-8 TO L-10	"I-680"	268+50.00	"I-680"	297+33.40	NB	2	1015.1			856.5			1607.3									6.98
L-9 TO L-10	"I-680"	281+37.19	"I-680"	295+97.45	SB	3	855.6			618.8			1527.9									5.04
L-10	"I-680"	295+97.45	"I-680"	297+03.00	SB	9				8.6	12.5									127.6	0.09	
L-10	"I-680"	295+97.45	"I-680"	297+03.00	SB	3A				33.8			59.5								0.03	0.20
L-11	"I-680"	299+04.00	"I-680"	299+16.00	SB	CPTP				2.6					9.2					22.1		
L-11	"I-680"	299+16.00	"I-680"	308+67.00	SB	4		596.5		762.9	184.4	101.7									1.73	2.59
L-11	"I-680"	308+67.00	"I-680"	308+79.00	SB	CPTP				2.6					9.4					22.6		
L-11	"I-680"	299+34.00	"I-680"	308+60.90	SB	7B				973.6	564.7	311.5								5769.2	5.53	
L-11	"I-680"	310+48.10	"I-680"	310+60.10	SB	CPTP				2.6					9.1					21.9		
L-11 TO L-13	"I-680"	310+60.10	"I-680"	327+67.00	SB	4		1066.0		1363.3	329.5	181.8									3.09	4.63
L-13	"I-680"	327+67.00	"I-680"	327+79.00	SB	CPTP				2.6					9.3					22.2		
L-11 TO L-13	"I-680"	310+37.50	"I-680"	327+26.50	SB	7B				1545.8	896.6	494.7								9160.3	8.78	
L-13 TO L-14	"I-680"	328+99.50	"I-680"	341+82.30	SB	9				95.7	138.8									1418.0	0.95	
L-13 TO L-14	"I-680"	329+44.40	"I-680"	341+98.00	SB	2	464.9			392.3			736.1									3.20
L-13	"I-680"	329+57.90	"I-680"	329+82.40	SB	13				8.2					29.2					70.1		
L-13 TO L-14	"I-680"	329+82.40	"I-680"	341+41.20	SB	1				540.8				1236.1								
L-14	"I-680"	341+41.20	"I-680"	341+61.60	SB	13				6.2					22.3					53.4		
L-14	"I-680"	344+91.70	"I-680"	345+03.70	SB	CPTP				2.6					9.2					22.0		
L-14	"I-680"	345+03.70	"I-680"	346+60.00	SB	4		90.9		116.3	28.1	15.5									0.26	0.39
L-14	"I-680"	346+60.00	"I-680"	346+72.00	SB	CPTP				2.6					9.2					22.0		
L-14	"I-680"	344+95.40	"I-680"	346+40.40	SB	7					95.1	31.5								582.8	0.44	
L-14 TO L-16	"I-680"	348+02.50	"I-680"	372+44.96	SB	7					525.5	173.9								3221.2	2.42	
L-14	"I-680"	348+05.10	"I-680"	348+17.10	SB	CPTP				2.6					9.3					22.2		
L-14 TO L-17	"I-680"	348+17.10	"I-680"	387+36.50	SB	4		2475.3		3165.8	765.1	422.1									7.17	10.75
L-14 TO L-17	"I-680"	348+27.80	"I-680"	387+24.20	SB	7A					3354.2	816.5								15119.4	14.49	
L-16 TO L-17	"I-680"	378+11.86	"I-680"	387+42.49	SB	7					177.1	58.6								1085.8	0.81	
L-17	"I-680"	387+36.50	"I-680"	387+48.50	SB	CPTP				2.6					9.3					22.3		
L-17	"I-680"	389+24.00	"I-680"	389+36.00	SB	CPTP				2.6					9.3					22.2		
L-17 TO L-18	"I-680"	389+36.00	"I-680"	402+95.00	SB	4				1082.6	261.6	144.3									2.45	3.68
L-17 TO L-19	"I-680"	389+57.70	"I-680"	410+11.70	SB	7					1018.5	337.2								6243.6	4.68	
L-17 TO L-18	"I-680"	389+67.00	"I-680"	402+95.00	SB	7A					1148.5	279.6								5177.0	4.96	

(BSW) - BIORETENTION SWALE

SUMMARY OF QUANTITIES

Q-1

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	1008	1710

REGISTERED CIVIL ENGINEER DATE 9-29-21
 October 8, 2021
 PLANS APPROVAL DATE

NIVEDITA U. PENDSE
 No. C63593
 Exp. 9-30-22
 CIVIL

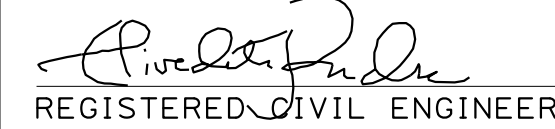
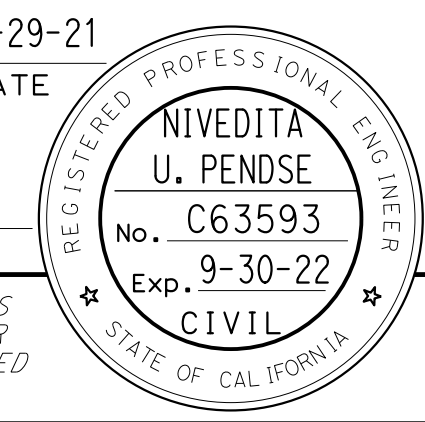
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PAVEMENT STRUCTURE QUANTITIES (CONTINUED)

SHEET No.	STATION LIMITS		DIRECTION	PAVEMENT SECTION	CLASS 2 AGGREGATE SUBBASE	CLASS 2 AGGREGATE BASE (CY)	LEAN CONCRETE BASE	LEAN CONCRETE BASE RAPID SETTING	ASPHALT TREATED PERMEABLE BASE	HOT MIX ASPHALT (TYPE A)	RHMA (GAP GRADED)	RHMA - OPEN GRADED (OPEN GRADED FRICTION COURSE)	JPCP	PCP	INDIVIDUAL SLAB REPLACEMENT (RAPID STRENGTH CONCRETE)	SUBGRADE ENHANCEMENT GEOTEXTILE, CLASS B2	CLASS 1 PAVING GRID	BASE BOND BREAKER	GEOSYNTHETIC PAVEMENT INTERLAYER (PAVING MAT)	TACK COAT	PRIME COAT	
	FROM	TO			CY	CY	CY	CY	TON	TON	TON	CY	CY	CY	SQYD				TON	TON		
L-18 TO L-19	"I-680"	402+95.00	"I-680"	410+44.00		451.3			150.4	761.5	147.2	81.2									1.38	2.07
L-19	"I-680"	410+44.00	"I-680"	410+56.00				2.6							9.2			22.1				
L-19 TO L-20	"I-680"	412+80.70	"I-680"	412+92.70				2.6							9.4			22.6				
L-19 TO L-25	"I-680"	412+88.30	"I-680"	429+95.00		1204.6			401.5	2032.7	393.0	216.8									3.68	5.52
L-20 TO L-25	"I-680"	412+88.30	"I-680"	507+50.00						3211.5	4656.7	2569.2									47578.0	45.60
L-20 TO L-25	"I-680"	429+95.00	"I-680"	507+50.00		5878.5				7518.2	1816.9	1002.4									17.02	25.52
L-26 TO L-28	"I-680"	507+50.00	"I-680"	544+03.44						1419.8	2058.7	1135.8									21034.1	20.16
L-26	"I-680"	507+50.00	"I-680"	515+33.19						59.4	86.1	47.5									879.7	0.84
L-26 TO L-27	"I-680"	516+98.67	"I-680"	525+23.60						60.2	87.3	48.2									891.7	0.85
L-27 TO L-28	"I-680"	531+00.90	"I-680"	536+42.38						34.8	50.4	27.8									515.2	0.49
L-26	"I-680"	514+86.94	"I-680"	516+98.67						134.7	27.4	11.3									0.24	0.29
L-26 TO L-28	"I-680"	507+50.00	"I-680"	544+02.30						3094.8	747.9	412.6									7.00	10.51
L-27 TO L-29	"I-680"	531+00.00	"I-680"	560+42.62		517.8				662.2	160.0	88.3									1.50	2.25
L-27 TO L-29	"I-680"	530+00.00	"I-680"	560+42.62						231.8	336.1	185.4									3433.9	3.29
L-27	"I-680"	525+14.11	"I-680"	533+00.47						834.6	169.8	70.3									1.46	1.79
L-28	"I-680"	536+42.38	"I-680"	544+03.44						835.8	115.4	63.7									1.57	1.62
L-28	"I-680"	544+03.44	"I-680"	549+13.53						541.7	74.8										0.80	1.05
L-28 TO L-29	"I-680"	544+02.30	"I-680"	560+42.62		635.5				536.2			1006.2									4.37
L-28 TO L-29	"I-680"	544+02.30	"I-680"	560+42.62				900.0						2057.2								
L-28 TO L-29	"I-680"	544+03.44	"I-680"	560+45.11						675.5	489.8										5003.9	3.34
L-29	"I-680"	560+30.54	"I-680"	560+42.54				0.8							2.8			6.7				
L-30 TO L-31	"I-680"	563+66.73	"I-680"	579+17.88		558.3				471.0			883.9									3.84
L-30	"I-680"	563+66.74	"I-680"	563+78.74				0.8							2.8			6.7				
L-30 TO L-31	"I-680"	568+70.88	"I-680"	579+17.88				154.9														
L-30 TO L-31	"I-680"	563+66.73	"I-680"	579+50.11				488.9							1117.5							
L-30 TO L-31	"I-680"	563+66.73	"I-680"	578+31.76		884.7				639.8			1579.8									5.21
L-30 TO L-31	"I-680"	575+98.95	"I-680"	579+50.11						21.3	30.8										315.0	0.21
L-30 TO L-31	"I-680"	563+66.73	"I-680"	579+13.43						348.4	84.2										0.54	1.18
L-30 TO L-31	"I-680"	563+66.73	"I-680"	579+13.43						180.0	130.5										1333.2	0.89
L-31	"I-680"	579+01.42	"I-680"	579+13.42				0.8							2.8			6.7				
L-31 TO L-32	"I-680"	581+36.28	"I-680"	597+10.86						354.3	85.6										0.55	1.20
L-31	"I-680"	581+36.48	"I-680"	581+48.48				0.8							2.8			6.7				
L-31 TO L-32	"I-680"	581+40.51	"I-680"	597+14.86		499.3				421.3			790.6									3.43
L-31 TO L-32	"I-680"	581+40.51	"I-680"	597+20.14				262.3							419.6							
L-31 TO L-32	"I-680"	581+28.73	"I-680"	597+48.13				744.4							1701.5							
L-31 TO L-32	"I-680"	581+28.73	"I-680"	597+55.98						739.4	536.1										5477.3	3.65
L-31 TO L-32	"I-680"	581+36.28	"I-680"	597+10.86						91.8	66.6										680.2	0.45
L-32	"I-680"	596+98.86	"I-680"	597+10.86				0.8							2.8			6.7				
L-32	"I-680"	599+41.58	"I-680"	599+53.58				0.8							2.8			6.7				
L-32 TO L-36	"I-680"	599+46.05	"I-680"	660+49.13		1945.4				1641.5			3080.3									13.37
L-32 TO L-38	"I-680"	599+46.05	"I-680"	681+00.00				1694.6														
L-32 TO L-36	"I-680"	599+34.08	"I-680"	658+41.93				2739.5							6261.8							
L-32 TO L-36	"I-680"	599+41.58	"I-680"	652+50.00						1188.3	287.2										1.83	4.03

SUMMARY OF QUANTITIES
Q-2

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	1009	1710
 REGISTERED CIVIL ENGINEER			9-29-21	DATE	
October 8, 2021					
PLANS APPROVAL DATE					
					
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PAVEMENT STRUCTURE QUANTITIES (CONTINUED)

SHEET No.	STATION LIMITS				DIRECTION	PAVEMENT SECTION	CLASS 2	CLASS 2	LEAN	LEAN	ASPHALT	HOT	RHMA	RHMA -	JPCP	PCP	INDIVIDUAL	SUBGRADE	CLASS 1	BASE	GEOSYNTHETIC	TACK	PRIME		
	FROM	TO	AGGREGATE	AGGREGATE			CONCRETE	CONCRETE	TREATED	MIX	(GAP	OPEN	OPEN	GRADED	GRADED	GRADED	FRICITION	REPLACEMENT	ENHANCEMENT	PAVING	BOND	PAVEMENT	COAT	COAT	
			SUBBASE	BASE (CY)			BASE	BASE RAPID SETTING	PERMEABLE BASE	ASPHALT (TYPE A)	GRADED)	(OPEN GRADED FRICTION COURSE)							(RAPID STRENGTH CONCRETE)	GEOTEXTILE, CLASS B2	GRID	BREAKER	INTERLAYER (PAVING MAT)	TON	TON
				CY	CY	CY	CY	CY	TON	TON	TON	CY	CY	CY	SQYD					TON	TON				
L-32 TO L-36	"I-680"	599+41.58	"I-680"	660+00.00	NB	8						396.4	287.4										2936.1	1.96	
L-32 TO L-36	"I-680"	599+34.08	"I-680"	658+54.15	SB	8						2609.2	1891.7										19327.2	12.88	
L-31	"I-680"	579+17.88	"I-680"	579+63.04	SB	13				17.1										146.6					
L-31	"I-680"	581+05.72	"I-680"	581+48.17	SB	13				30.0							61.1			257.0					
L-32	"I-680"	597+14.86	"I-680"	597+67.18	SB	13				31.1							111.0			266.3					
L-32	"I-680"	599+11.46	"I-680"	599+56.12	SB	13				29.3							104.8			251.6					
L-36 TO L-38	"I-680"	599+49.13	"I-680"	681+00.00	SB	2C			298.4						405.0					2558.0					
SUBTOTAL "I-680"							14077.7 *	20216.2 *	298.4 *	12667.8 *	551.9 *	46699.3 *	30454.4 *	9336.1 *	26589.7 *	27143.1 *	568.2 *	476.3		3921.1 *	170288.7 *	185.18 *	185.68 *		
L-1 TO L-2	"SKP"	161+59.80	"I-680"	178+92.00	SB	11	576					991.4	169.1					1727.9					1727.9	1.44	2.38
L-1 TO L-2	"SKP"	161+59.80	"I-680"	178+58.68	SB	8						301.9	218.9										2236.1	1.49	
L-1 TO L-2	"SKP"	161+69.85	"SKP"	174+57.04	SB	11	238.7					410.9	70.1					716.2					716.2	0.60	0.98
L-11	"SS"	310+08.50	"SS"	317+86.59	SB	11	229.7					395.4	67.4					689.1					689.1	0.57	0.95
L-11	"SS"	310+08.50	"SS"	317+39.00	SB	8						172	124.7										1274.3	0.85	
L-11 TO L-12	"SS"	310+08.50	"ST"	318+79.40	SB	11	332.6					572.5	97.7					997.9					997.9	0.83	1.37
L-11	"SS"	316+30.11	"SS"	317+39.00	SB	11	16.2					27.9	4.8					48.7					48.7	0.04	0.07
L-11 TO L-12	"ST"	309+03.88	"ST"	318+79.40	SB	9						117	169.7										1733.9	1.16	
L-12	"ST"	312+68.31	"ST"	318+27.57	SB	11	177.3					305.2	52.1					532					532	0.44	0.73
L-17	"SBO"	380+91.90	"SBO"	387+66.70	SB	9						109.4	158.6										1620.6	1.08	
L-17	"SBO"	381+82.00	"SBO"	387+69.00	SB	10						325.4	55.5					567.2						0.59	
L-26	"ER"	515+33.19	"ER"	516+61.91	SB	8						68.8	49.9										509.4	0.34	
L-27	"SR"	529+98.11	"SR"	531+00.90	SB	8						56	40.6										415	0.28	
L-29	"I-680"	552+08.45	"ESB"	561+03.40	SB	11	250.9					431.8	73.7					752.7					752.7	0.63	1.03
L-29	"ESB"	554+70.39	"ESB"	562+54.50	SB	11	116.1					199.9	34.1					348.4					348.4	0.29	0.48
L-29	"ESB"	554+72.81	"ESB"	564+16.82	SB	8						225.5	163.5										1670.2	1.11	
L-30	"I-680"	563+69.00	"SDB"	565+64.44	SB	8						84	60.9										622.1	0.41	
L-30	"SDB"	566+19.32	"SDB"	567+06.33	SB	11	12.9					22.2	3.8					38.7					38.7	0.03	0.05
L-30	"WSL"	563+69.16	"WSL"	571+33.71	SB	8						268.7	194.8										1990	1.33	
L-30	"SDB"	565+64.44	"SDB"	577+03.91	SB	9						319.8	463.8										4738.2	3.16	
L-30	"SDB"	577+03.91	"DBV"	572+30.23	SB	8						13.8	10										102	0.07	
L-30 TO L-31	"DBV"	572+30.23	"DBV"	578+41.77	SB	9						149.8	217.2										2218.8	1.48	
L-36	"SAB"	651+83.35	"SAB"	659+52.49	SB	9						206.6	299.6										3060.7	2.04	
L-36	"SAB"	659+52.49	"SAB"	659+52.49	SB	8						8	5.8										58.9	0.04	
SUBTOTAL RAMPS							1950.4 *					5783.9 *	2806.3 *					5851.6 *	567.2 *		28101.8 *	20.30 *	8.04 *		

(*) - QUANTITY INCLUDED IN PAVEMENT QUANTITY SUMMARY TABLE.

SUMMARY OF QUANTITIES

Q-3

LAST REVISION | DATE PLOTTED => 8-MAR-2022 | TIME PLOTTED => 11:06

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	1010	1710

REGISTERED CIVIL ENGINEER: *Nivedita U. Pendse*
 DATE: 9-29-21
 PLANS APPROVAL DATE: October 8, 2021

REGISTERED PROFESSIONAL ENGINEER
 NIVEDITA U. PENDSE
 No. C63593
 Exp. 9-30-22
 CIVIL
 STATE OF CALIFORNIA

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PAVEMENT STRUCTURE QUANTITY SUMMARY

LOCATION	CLASS 2 AGGREGATE SUBBASE	CLASS 2 AGGREGATE BASE (CY)	LEAN CONCRETE BASE	LEAN CONCRETE BASE RAPID SETTING	ASPHALT TREATED PERMEABLE BASE	HOT MIX ASPHALT (TYPE A)	RHMA (GAP GRADED)	RHMA - OPEN GRADED (OPEN GRADED FRICTION COURSE)	JPCP	PCP	INDIVIDUAL SLAB REPLACEMENT (RSC)	SUBGRADE ENHANCEMENT GEOTEXTILE, CLASS B2	CLASS 1 PAVING GRID	BASE BOND BREAKER	GEOSYNTHETIC PAVEMENT INTERLAYER (PAVING MAT)	TACK COAT	PRIME COAT
	CY	CY	CY	CY	CY	TON	TON	TON	CY	CY	CY	SQYD			TON	TON	
I-680 SUBTOTAL	14,077.7	20,216.2	298.4	12,667.8	551.9	46,699.3	30,454.4	9,336.1	26,589.7	27,143.1	568.2	476.3		3,921.1	170,288.7	185.18	185.68
RAMPS SUBTOTAL	1,950.4					5,783.9	2,806.3					5,851.6	567.2		28,101.8	20.30	8.04
FROM HMA DIKE						1,132.1	418.2										
FROM PLACE HMA (MISCELLANEOUS AREA)		45.9				1,838.9											
FROM DRAINAGE QUANTITIES						780.6	581.5	175.1								3.66	
FROM PAVEMENT EDGE TREATMENT						12.0	3.9										
FROM MAINTENANCE VEHICLE PULLOUT		387.6				493.2	137.4	32.8									
CONTRASTING SURFACE AREA		482.0															
FROM STAGE CONSTRUCTION						7,022.0											
GRAND TOTAL	16,028.1	21,131.7	298.4	12,667.8	551.9	63,762.0	34,401.7	9,544.0	26,589.7	27,143.1	568.2	6,327.9	567.2	3,921.1	198,390.5	209.14	193.72

ASPHALT BINDER (GEOSYNTHETIC PAVEMENT INTERLAYER)

LOCATION	ASPHALT BINDER (GEOSYNTHETIC PAVEMENT INTERLAYER)
	TON
FOR CLASS 1 PAVING GRID	0.6
FOR GEOSYNTHETIC PAVEMENT INTERLAYER (PAVING MAT)	206.7
TOTAL	207.3

SUMMARY OF QUANTITIES

Q-4

0:\0030\UDRAFT\ING\FINAL_P58E\0420000235pa004.dgn
 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 CONSULTANT: NATALIA BIJAK
 CHECKED BY: JONATHAN ROSALES
 SUPERVISOR: TIMOTHY J. LEE
 DESIGNED BY: [Blank]
 NB: 9-29-21
 REVISIONS: [Blank]
 DATE: [Blank]



LAST REVISION: [Blank]
 DATE PLOTTED => 8-MAR-2022
 TIME PLOTTED => 11:06

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	1011	1710

REGISTERED CIVIL ENGINEER DATE 9-29-21
 October 8, 2021
 PLANS APPROVAL DATE

NIVEDITA U. PENDSE
 No. C63593
 Exp. 9-30-22
 CIVIL
 STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

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MAINTENANCE VEHICLE PULLOUT

SHEET No.	STATION LIMITS		HOT MIX ASPHALT (TYPE A) TON	RHMA (GAP GRADED) TON	RHMA - OPEN GRADED (OPEN GRADED FRICTION COURSE) TON	CLASS 2 AGGREGATE BASE (CY) CY		
	FROM	TO						
L-1	"SKP"	167+20.21	"SKP"	168+05.00	29.3	8.5	22.7	
L-3	"I-680"	190+98.54	"I-680"	192+83.54	29.3	8.5	22.7	
L-6	"I-680"	228+75.00	"I-680"	229+60.00	29.3	8.5	22.7	
L-6	"I-680"	236+70.00	"I-680"	227+55.00	29.3	8.5	22.7	
L-8	"I-680"	264+08.94	"I-680"	264+96.08	29.3	8.5	22.7	
L-10	"I-680"	296+18.63	"I-680"	297+02.67	29.3	8.5	22.7	
L-11	"SS"	311+39.78	"SS"	312+42.15	29.3	8.5	22.7	
L-13	"I-680"	333+00.00	"I-680"	333+85.00	29.3	8.5	22.7	
L-15	"I-680"	360+98.84	"I-680"	361+83.84	29.3	8.5	4.7	23.4
L-18	"I-680"	397+00.00	"I-680"	397+85.00	29.3	8.5	4.7	23.4
L-20	"I-680"	427+02.73	"I-680"	427+86.94	29.3	8.5	4.7	23.4
L-22	"I-680"	454+88.50	"I-680"	455+73.50	29.3	8.5	4.7	23.4
L-25	"I-680"	495+53.02	"I-680"	496+38.02	29.3	8.5	4.7	23.4
L-27	"SR"	530+45.46	"SR"	531+24.20	25.1	7.3	20.6	
L-28	"I-680"	539+60.33	"I-680"	540+45.33	29.3	11.3	4.7	23.7
L-29	"I-680"	559+26.89	"I-680"	560+11.85	29.3	8.5	4.7	23.4
L-30	"I-680"	572+47.18	"I-680"	573+33.86	29.3			21.6
TOTAL			493.2*	137.4*	32.8*	387.6*		

(*) - QUANTITY INCLUDED IN PAVEMENT QUANTITY SUMMARY TABLE.

REMOVE EDGE DRAIN

STATION				DIRECTION	REMOVE EDGE DRAIN	LEAN CONCRETE BASE RAPID SETTING (N)
FROM		TO			LF	CY
"I-680"	161+94.70	"I-680"	281+37.19	SB	11942.5	331.7
"I-680"	295+97.45	"I-680"	297+33.40	SB	136.0	3.8
"I-680"	299+04.00	"I-680"	308+79.00	SB	975.0	27.1
"I-680"	310+52.00	"I-680"	318+80.24	SB	828.2	23.0
"I-680"	318+80.24	"I-680"	324+30.00	SB	549.8	15.3
"I-680"	324+30.00	"I-680"	327+79.00	SB	349.0	9.7
"I-680"	329+00.50	"I-680"	341+60.00	SB	1259.5	35.0
TOTAL					16039.9	445.6

(N) - NOT A SEPARATE BID ITEM.

SUMMARY OF QUANTITIES

Q-5

O:\0030\DRAWING\FINAL_P5&E\0420000235pa005.dgn
 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 Et Caltrans®
 CONSULTANT: FUNCTIONAL SUPERVISOR: TIMOTHY J. LEE
 CALCULATED/DESIGNED BY: NATALIA BIJAK
 CHECKED BY: JONATHAN ROSALES
 REVISED BY: NB
 DATE REVISED: 9-29-21



O:\00300\DRAWING\FINAL_P&E\0420000235pa007.dgn
 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 CONSULTANT FUNCTIONAL SUPERVISOR
 NATALIA BIJAK
 JONATHAN ROSALES
 CALCULATED/DESIGNED BY
 CHECKED BY
 TIMOTHY J. LEE
 REVISIONS: 9-29-21
 DATE REVISED: 9-29-21
 NB: 9-29-21

HOT MIX ASPHALT DIKE (CONTINUED)

SHEET No.	STATION LIMITS				DIRECTION	REMOVE ASPHALT CONCRETE DIKE	PLACE HOT MIX ASPHALT DIKE			HOT MIX ASPHALT (TYPE A)	RHMA (GAP GRADED)
	FROM		TO				LF	TON	TON		
L-16 TO L-17	"I-680"	378+11.86	"I-680"	387+42.49	SB	931					
L-17	"SBO"	381+82.00	"SBO"	384+09.00	SB	181					
L-17	"SBO"	381+82.00	"SBO"	387+69.00	SB			486.3		17.7	7.1
L-17	"SBO"	387+23.00	"SBO"	387+69.00	SB	46					
L-17	"SBO"	389+60.25	"I-680"	395+40.00	SB				578.4	10.6	4.2
L-17 TO L-19	"SBO"	389+60.25	"I-680"	410+11.70	SB	2060					
L-18	"I-680"	395+40.00	"I-680"	397+20.00	SB		183.4			2.3	1.3
L-18	"I-680"	397+65.00	"I-680"	402+50.00	SB			488.3		9.0	3.5
L-20 TO L-25	"I-680"	428+85.96	"I-680"	507+50.00	SB	7865					
L-20 TO L-22	"I-680"	428+85.96	"I-680"	453+28.50	SB			2442.5		44.9	17.7
L-22	"I-680"	453+28.50	"I-680"	455+08.50	SB		183.3			2.3	1.3
L-22 TO L-25	"I-680"	455+53.50	"I-680"	493+93.02	SB			3842.8		70.6	27.9
L-25	"I-680"	493+93.02	"I-680"	495+73.02	SB		183.3			2.3	1.3
L-25	"I-680"	496+18.02	"I-680"	507+50.00	SB			1135.4		20.9	8.2
L-26	"I-680"	507+50.00	"ER"	509+50.78	SB			200.5		3.7	1.5
L-26	"ER"	509+50.78	"ER"	510+28.90	SB		78.1			1.0	0.6
L-26	"ER"	510+28.90	"ER"	516+61.91	SB			632.8		23.0	9.2
L-26	"I-680"	507+50.00	"ER"	516+61.91	SB	911					
L-26 TO L-27	"I-680"	514+98.65	"I-680"	523+44.33	SB	851					
L-26 TO L-27	"I-680"	516+61.15	"I-680"	523+44.33	SB			686.9		25.0	10.0
L-27	"I-680"	525+17.29	"I-680"	525+23.60	SB			6.4		0.2	0.1
L-27	"I-680"	525+17.29	"I-680"	525+23.60	SB	6					
L-27	"I-680"	525+94.56	"I-680"	533+00.45	SB	706					
L-27	"I-680"	525+75.61	"I-680"	528+43.75	SB			268.1		9.7	3.9
L-27	"I-680"	528+43.75	"I-680"	529+25.00	SB				81.3	1.1	
L-27	"I-680"	529+25.00	"I-680"	530+03.09	SB		70.1			0.5	
L-27	"I-680"	530+03.09	"I-680"	532+51.50	SB			248.4		6.5	
L-27 TO L-28	"SR"	533+62.18	"I-680"	536+42.38	SB			278.3		10.1	4.0
L-27 TO L-29	"SR"	533+62.18	"I-680"	552+08.17	SB	1845					
L-28	"I-680"	536+42.38	"I-680"	538+00.00	SB				157.6	2.9	1.1
L-28	"I-680"	538+00.00	"I-680"	540+45.34	SB		252.0			3.2	1.8
L-28	"I-680"	540+45.34	"I-680"	548+39.08	SB				793.7	14.6	5.8
L-28	"I-680"	548+39.08	"I-680"	549+17.20	SB		78.1			1.0	0.6
L-28 TO L-29	"I-680"	549+17.20	"ESB"	564+16.82	SB			1469.9		53.4	21.3
L-29	"ESB"	554+82.60	"ESB"	562+54.50	SB			777.6		28.2	11.3
L-29	"I-680"	558+46.56	"I-680"	560+45.11	SB	199					
L-29	"ESB"	561+03.16	"ESB"	564+16.82	SB	299					
L-29	"I-680"	558+46.56	"I-680"	558+60.04	SB				13.6	0.2	0.1
L-29	"I-680"	558+60.04	"I-680"	559+26.89	SB		66.8			0.8	0.5
L-29	"I-680"	559+26.89	"I-680"	560+45.11	SB			126.6		4.6	1.8
L-30	"I-680"	563+69.00	"SDB"	572+90.29	SB	900					
L-30	"WSL"	564+29.61	"WSL"	564+55.29	SB				25.1	0.5	0.2
L-30	"WSL"	564+55.29	"WSL"	565+41.64	SB		78.2			1.0	0.6
L-30	"WSL"	564+29.62	"WSL"	571+07.14	SB	582					
L-30	"WSL"	565+41.64	"WSL"	571+33.06	SB			500.0		18.2	7.3
L-30	"WSL"	565+26.37	"WSL"	570+71.82	SB	553					
L-30	"WSL"	565+26.37	"WSL"	570+71.82	SB			553.3		20.1	8.0
L-30	"I-680"	566+19.34	"I-680"	567+22.15	SB			101.9		3.7	1.5
L-30	"I-680"	566+19.34	"I-680"	567+22.20	SB			104.7		6.4	
L-30 TO L-31	"I-680"	566+35.59	"I-680"	578+11.86	SB	1161					
L-30	"I-680"	563+69.00	"SDB"	570+33.95	SB			660.4		24.0	9.6
L-30	"SDB"	570+33.95	"SDB"	571+45.31	SB				106.6	2.0	0.8
L-30	"SDB"	571+45.31	"SDB"	752+33.97	SB		81.3			1.0	0.6
L-30	"SDB"	572+33.97	"SDB"	572+90.29	SB			51.7		1.9	0.8
L-30	"I-680"	570+37.80	"I-680"	571+14.16	SB				75.0	2.3	
L-30	"I-680"	571+14.16	"I-680"	571+93.71	SB		78.1			2.0	
L-30	"I-680"	571+93.71	"I-680"	573+33.41	SB			143.6		8.8	
L-30	"I-680"	573+33.41	"I-680"	574+41.63	SB				106.2	3.3	
L-30	"I-680"	574+41.63	"I-680"	575+21.18	SB		78.1			2.0	
L-30	"DBV"	572+50.07	"DBV"	573+81.41	SB			121.7		4.4	1.8
L-30	"DBV"	573+81.41	"DBV"	574+68.45	SB		78.3			1.0	0.6
L-30 TO L-31	"DBV"	574+68.45	"DBV"	578+41.77	SB				341.8	6.3	2.5
L-30 TO L-31	"I-680"	575+21.18	"I-680"	578+79.60	SB			353.3		21.7	
L-30 TO L-31	"DBV"	572+50.07	"DBV"	575+41.77	SB	542					
L-34 TO L-35	"I-680"	626+81.45	"I-680"	636+35.03	SB			958.8		34.8	13.9
SUBTOTAL OF SHEET Q-7						19638.9	1489.3	8530.8	10388.8	535.6	193.9

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	1013	1710
REGISTERED CIVIL ENGINEER			9-29-21	DATE	
October 8, 2021 PLANS APPROVAL DATE					
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SUMMARY OF QUANTITIES

Q-7

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	1014	1710

REGISTERED CIVIL ENGINEER
 NIVEDITA U. PENDSE
 No. C63593
 Exp. 9-30-22
 CIVIL
 STATE OF CALIFORNIA

9-29-21 DATE
 October 8, 2021 PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WMH CORPORATION 55 South Market St Suite 1200 San Jose, CA 95113	ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607
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HOT MIX ASPHALT DIKE (CONTINUED)

SHEET No.	STATION LIMITS				DIRECTION	REMOVE ASPHALT CONCRETE DIKE	PLACE HOT MIX ASPHALT DIKE			HOT MIX ASPHALT (TYPE A)	RHMA (GAP GRADED)
	FROM	TO	(TYPE C)	(TYPE E)			(TYPE F)	TON	TON		
L-34 TO L-35	"I-680"	626+81.45	"I-680"	637+88.15	SB	1112					
L-35	"I-680"	636+35.03	"I-680"	637+13.15	SB		78.1			1.0	0.6
L-35	"I-680"	637+13.15	"I-680"	637+88.15	SB				75.0	1.4	0.5
L-35	"I-680"	644+34.83	"I-680"	644+59.63	SB				25.3	0.5	0.2
L-35	"I-680"	644+59.63	"I-680"	645+23.32	SB		64.2			0.8	0.5
L-35 TO L-36	"I-680"	645+23.32	"SAB"	650+66.58	SB			543.7		19.7	7.9
L-35 TO L-36	"I-680"	644+34.83	"I-680"	650+66.58	SB	633					
L-36	"I-680"	654+99.56	"I-680"	655+79.36	SB	80					
L-36	"I-680"	654+99.56	"I-680"	655+79.36	SB				79.8	2.9	1.2
L-36	"SAB"	655+85.68	"SAB"	656+11.38	SB				25.4	0.5	0.2
L-36	"SAB"	655+85.68	"SAB"	659+09.84	SB	329					
L-36	"I-680"	656+11.38	"I-680"	656+89.99	SB		78.0			1.0	0.6
L-36	"SAB"	656+89.99	"SAB"	659+09.84	SB			225.3		8.2	3.3
L-37	"I-680"	661+71.25	"I-680"	662+79.74	SB	109					
L-37	"I-680"	661+71.25	"I-680"	662+02.23	SB				31.3	0.6	0.2
L-37	"I-680"	662+02.23	"I-680"	662+79.74	SB		78.1			1.0	0.6
SUBTOTAL OF SHEET Q-8						2263.0	298.4	848.8	157.0	37.5	15.6
SUBTOTAL OF SHEET Q-7						19638.9	1489.3	8530.8	10388.8	535.6	193.9
SUBTOTAL OF SHEET Q-6						25486.8	1392.2	9762.1	9279.9	559.0	208.7
GRAND TOTAL						47388.7	3179.9	19141.7	19825.7	1132.1*	418.2*

(*) - QUANTITY INCLUDED IN PAVEMENT QUANTITY SUMMARY TABLE.

HOT MIX ASPHALT (MISCELLANEOUS AREA)

SHEET No.	STATION LIMITS				LOCATION	PLACE HOT MIX ASPHALT (MISCELLANEOUS AREA)	HOT MIX ASPHALT (TYPE A)	CLASS 2 AGGREGATE BASE (CY)	REMARK
	FROM	TO	SQYD	TON					
L-6 TO L-7	"I-680"	239+55	"I-680"	244+47	L+	171.7	29.0	20.0	HMA SIDE GUTTER
L-10	"I-680"	289+50	"I-680"	295+97	L+	222.3	37.5	25.9	HMA SIDE GUTTER
L-11	"I-680"	299+04	"I-680"	308+79	"I-680"	216.6	48.3		UNDER CB
L-11	"ST"	309+49	"ST"	312+16	R+	58.1	12.9		UNDER CB
L-11 TO L-13	"I-680"	310+52	"I-680"	327+79	"I-680"	383.8	85.5		UNDER CB
L-13 TO L-14	"I-680"	329+62	"I-680"	341+98	"I-680"	274.7	61.2		UNDER CB
L-14	"I-680"	344+99	"I-680"	346+72	"I-680"	38.7	8.6		UNDER CB
L-14 TO L-17	"I-680"	348+10	"I-680"	387+45	"I-680"	874.2	194.7		UNDER CB
L-17 TO L-19	"I-680"	389+24	"I-680"	410+56	"I-680"	473.8	105.5		UNDER CB
L-19 TO L-22	"I-680"	412+93	"I-680"	455+58	"I-680"	947.3	211.0		UNDER CB
L-22 TO L-25	"I-680"	454+43	"I-680"	507+50	"I-680"	1,173.3	261.4		UNDER CB
L-26 TO L-27	"I-680"	507+50	"I-680"	521+67	"I-680"	331.9	73.9		UNDER CB
L-27 TO L-28	"I-680"	522+57	"I-680"	544+16	"I-680"	564.6	125.8		UNDER CB
L-28 TO L-29	"I-680"	544+56	"I-680"	560+43	"I-680"	400.2	89.1		UNDER CB
L-30	"I-680"	567+22	"I-680"	570+38	L+	68.9	15.3		UNDER CB
L-30	"I-680"	563+67	"I-680"	567+24	"I-680"	101.3	22.6		UNDER CB
L-30 TO L-31	"I-680"	567+81	"I-680"	579+13	R+	350.7	78.1		UNDER CB
L-31	"I-680"	581+41	"I-680"	584+46	R+	72.4	16.1		UNDER CB
L-31 TO L-32	"I-680"	584+90	"I-680"	597+11	R+	290.9	64.8		UNDER CB
L-32 TO L-34	"I-680"	599+90	"I-680"	622+66	R+	520.9	116.0		UNDER CB
L-34 TO L-36	"I-680"	623+10	"I-680"	658+15	R+	815.3	181.6		UNDER CB
SUBTOTAL						8,351.6	1,838.9	45.9	
FROM DRAINAGE QUANTITIES						34.4			
TOTAL						8,386.0	1,838.9*	45.9*	

(*) - QUANTITY INCLUDED IN PAVEMENT QUANTITY SUMMARY TABLE.

SUMMARY OF QUANTITIES

Q-8

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 CONSULTANT: NATALIA BIJAK, JONATHAN ROSALES
 SUPERVISOR: TIMOTHY J. LEE
 DESIGNED BY: [Blank]
 CHECKED BY: [Blank]

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	1015	1710

REGISTERED CIVIL ENGINEER: *U. Pendse* DATE: 9-29-21
 REGISTERED CIVIL ENGINEER: U. PENDSE No. C63593 Exp. 9-30-22 CIVIL
 PLANS APPROVAL DATE: October 8, 2021

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WMH CORPORATION 55 South Market St Suite 1200 San Jose, CA 95113	ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607
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PAVEMENT EDGE TREATMENT

SHEET No.	STATION LIMITS				DIRECTION	SAFETY EDGE LENGTH (N) FT	RHMA (GAP GRADED) TON	HOT MIX ASPHALT (TYPE A) TON
	FROM	TO						
L-5	"I-680"	221+50.91	"I-680"	225+74.41	SB	423.5	0.6	1.1
L-7	"I-680"	244+46.98	"I-680"	249+64.05	SB	517.1	0.7	1.3
L-10	"I-680"	295+97.45	"I-680"	296+18.63	SB	21.8		0.1
L-20	"I-680"	425+11.24	"I-680"	427+02.73	SB	193.3	0.3	0.5
L-27	"SR"	529+98.11	"SR"	531+00.90	SB	96.1	0.1	0.6
L-27	"SR"	529+98.36	"SR"	531+07.74	SB	110.3	0.2	0.7
L-27	"SR"	531+00.90	"SR"	533+62.18	SB	261.2	0.4	0.7
L-30	"SDB"	567+22.15	"SDB"	569+15.07	SB	194.1	0.3	1.3
L-30	"SDB"	572+90.29	"SDB"	576+83.03	SB	364.9	0.5	2.4
L-30	"SDB"	573+44.82	"SDB"	575+81.52	SB	245.7	0.4	1.6
L-36	"SAB"	655+93.89	"SAB"	658+57.44	SB	270.7	0.4	1.7
TOTAL							3.9 *	12.0 *

(*) - QUANTITY INCLUDED IN PAVEMENT QUANTITY SUMMARY TABLE.
 (N) - NOT A SEPARATE BID ITEM.

CONTRASTING SURFACE AREA

SHEET No.	STATION LIMITS				LOCATION	MINOR CONCRETE (TEXTURED PAVING) CY	CLASS 2 AGGREGATE BASE (CY) CY	DESCRIPTION
	FROM	TO						
L-2	"I-680"	172+31.18	"I-680"	174+56.32	L+	62.2	62.2	CSA
L-6 TO L-7	"I-680"	239+34.00	"I-680"	243+29.00	L+/R+	49.0	49.0	MEDIAN CAP
L-10	"I-680"	288+94.00	"I-680"	292+40.00	L+/R+	46.4	46.4	MEDIAN CAP
L-11	"TS"	314+57.09	"TS"	315+39.77	R+	13.9	13.9	CSA
L-12	"I-680"	317+85.06	"I-680"	318+80.24	L+	31.6	31.6	CSA
L-26	"ER"	515+05.17	"ER"	516+62.02	R+	50.4	50.4	CSA
L-27	"I-680"	525+36.13	"I-680"	525+75.61	L+	10.7	10.7	CSA
L-27	"SR"	531+07.72	"SR"	532+51.63	R+	40.9	40.9	CSA
L-29	"ESB"	554+82.60	"ESB"	555+45.18	R+	12.9	12.9	CSA
L-30	"SDB"	566+19.34	"SDB"	567+21.33	R+	11.5	11.5	CSA
L-30	"I-680"	575+30.51	"I-680"	578+79.65	L+	71.4	71.4	CSA
L-34	"I-680"	626+81.45	"I-680"	630+84.47	L+	81.1	81.1	CSA
TOTAL						482.0	482.0 *	

(*) - QUANTITY INCLUDED IN PAVEMENT QUANTITY SUMMARY TABLE.
 (CSA) - CONTRASTING SURFACE AREA

SUMMARY OF QUANTITIES

Q-9

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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 Et Caltrans®
 CONSULTANT: FUNCTIONAL SUPERVISOR: TIMOTHY J. LEE
 CALCULATED/DESIGNED BY: CHECKED BY:
 NATALIA BIJAK JONATHAN ROSALES
 REVISED BY: DATE REVISED: 9-29-21
 NB

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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 CONSULTANT - FUNCTIONAL SUPERVISOR
 NATALIA BIJAK
 JONATHAN ROSALES
 CHECKED BY
 TIMOTHY J. LEE
 REVISIONS: 9-29-21
 DESIGNED BY
 CALCULATED BY
 SUPERVISOR



ISOLATION JOINT

SHEET No.	STATION LIMITS				DIRECTION	LOCATION	ISOLATION JOINT SEAL (ASPHALT RUBBER)	LF
	FROM	TO						
L-1 TO L-4	"I-680"	162+04.00	"I-680"	204+86.61	SB	PCP/Exist JPCP	4265	
L-1	"I-680"	161+96.60	"I-680"	171+07.62	SB	JPCP/Exist JPCP	906	
L-1	"I-680"	162+12.60	"I-680"	171+07.62	NB	JPCP/Exist PCP	906	
L-4 TO L-10	"I-680"	204+86.61	"I-680"	297+03.00	SB	PCP/JPCP	17653	
L-5 TO L-7	"I-680"	217+50.00	"I-680"	255+20.00	NB	JPCP/Exist PCP	3759	
L-8 TO L-10	"I-680"	268+50.00	"I-680"	297+33.40	NB	JPCP/Exist PCP	2875	
L-10	"I-680"	292+40.00	"I-680"	297+33.40	SB/NB	Median CB	493	
L-13 TO L-14	"I-680"	329+44.40	"I-680"	341+61.60	SB	PCP/JPCP	1217	
L-28 TO L-29	"I-680"	544+02.30	TO	560+43.10	SB	PCP/JPCP	1641	
L-30 TO L-31	"I-680"	563+67.30	TO	578+31.76	SB	PCP/JPCP	1462	
L-30 TO L-31	"I-680"	563+68.02	TO	579+17.88	SB	PCP/PCP	1544	
L-30 TO L-31	"I-680"	568+70.88	TO	579+17.79	SB	PCP/JPCP	1047	
L-31 TO L-32	"I-680"	581+40.53	TO	597+20.14	SB	PCP/PCP	1573	
L-31 TO L-32	"I-680"	581+47.22	TO	597+14.78	SB	PCP/JPCP	1574	
L-32 TO L-36	"I-680"	599+49.08	TO	658+32.75	SB	PCP/PCP	5885	
L-32 TO L-36	"I-680"	599+46.05	TO	660+49.09	SB	PCP/JPCP	6104	
L-36 TO L-38	"I-680"	660+49.09	TO	681+00.00	SB	PCP/JPCP	2051	
L-36 TO L-38	"I-680"	660+49.09	TO	681+00.00	SB	PCP/Exist PCC	2051	
SUBTOTAL							57005	
AT DRAINAGE INLETS							1729	
TOTAL							58734	

RUMBLE STRIP

SHEET No.	STATION LIMITS				DIRECTION	12" RUMBLE STRIP (ASPHALT CONCRETE PAVEMENT)	12" RUMBLE STRIP (CONCRETE PAVEMENT)
	FROM	TO	STA	STA			
L-1 TO L-2	"I-680"	168+65.00	"I-680"	174+56.00	SB	5.9	
L-3	"I-680"	187+22.00	"I-680"	194+02.00	SB	6.8	
L-5 TO L-6	"I-680"	218+22.00	"I-680"	229+60.00	SB	11.4	
L-6 TO L-8	"I-680"	240+00.00	"I-680"	261+43.00	SB	21.4	
L-10	"I-680"	289+50.00	"I-680"	295+97.00	SB		6.5
L-13 TO L-14	"I-680"	331+16.00	"I-680"	340+90.00	SB	9.7	
L-16 TO L-17	"I-680"	378+12.00	"I-680"	387+42.00	SB	9.3	
L-26	"I-680"	515+05.89	"I-680"	520+02.73	SB	5.0	
L-27	"I-680"	525+36.13	"I-680"	532+51.50	SB	7.2	
L-29	"I-680"	554+82.72	"I-680"	560+44.83	SB	5.6	
L-30 TO L-31	"I-680"	560+00.00	"I-680"	579+17.68	SB		19.2
L-30 TO L-31	"I-680"	571+17.37	"I-680"	578+07.61	SB		6.9
L-30 TO L-31	"I-680"	578+07.61	"I-680"	578+79.68	SB	.7	
L-31 TO L-32	"I-680"	585+17.52	"I-680"	597+14.78	SB		12.0
L-32 TO L-38	"I-680"	599+46.05	"I-680"	679+50.01	SB		80.0
L-34 TO L-35	"I-680"	626+81.45	"I-680"	636+60.06	SB	9.8	
TOTAL						92.8	124.6

REMOVE AND REPLACE MONUMENT

SHEET No.	STATION	LOCATION	REMOVE AND REPLACE MONUMENT
L-9	"I-680"	272+52.00	L+
TOTAL			1

DRILL AND BOND (DOWEL BAR)

SHEET No.	STATION	DIRECTION	No. OF LANES (N)	DRILL AND BOND (DOWEL BAR)
				EA
L-1	"I-680"	162+95	SB	3
L-10	"I-680"	197+03	SB	3
L-11	"I-680"	299+04	SB	1
L-11	"I-680"	308+79	SB	1
L-11	"I-680"	310+48	SB	1
L-13	"I-680"	327+79	SB	1
L-13	"I-680"	329+82	SB	3
L-14	"I-680"	341+41	SB	3
L-14	"I-680"	344+92	SB	1
L-14	"I-680"	346+72	SB	1
L-14	"I-680"	348+05	SB	1
L-17	"I-680"	387+49	SB	1
L-17	"I-680"	389+24	SB	1
L-19	"I-680"	410+56	SB	1
L-19	"I-680"	412+81	SB	1
L-29	"I-680"	560+31	SB	2
L-29	"I-680"	560+43	SB	0.5
L-30	"I-680"	563+67	SB	0.5
L-30	"I-680"	563+67	SB	2
L-31	"I-680"	579+01	SB	0.5
L-31	"I-680"	579+18	SB	6
L-31	"I-680"	581+02	SB	6
L-31	"I-680"	581+36	SB	0.5
L-32	"I-680"	596+99	SB	0.5
L-32	"I-680"	597+15	SB	9
L-32	"I-680"	599+11	SB	9
L-32	"I-680"	599+42	SB	0.5
GRAND TOTAL				720

(N) - NOT A SEPARATE BID ITEM.

CONCRETE GUTTER


SHEET No.	STATION LIMITS				LOCATION	MINOR CONCRETE (GUTTER) (LF)
	FROM	TO	LF			
L-4 TO L-6	"I-680"	204+86.61	"I-680"	239+34.00	L+	3,447
L-7 TO L-10	"I-680"	243+29.00	"I-680"	288+94.00	L+	4,562
TOTAL						8,009

SUMMARY OF QUANTITIES

Q-10

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	1016	1710
 REGISTERED CIVIL ENGINEER			9-29-21	DATE	
October 8, 2021					PLANS APPROVAL DATE
WMH CORPORATION 55 South Market St Suite 1200 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		

LAST REVISION DATE PLOTTED => 8-MAR-2022
 09-29-21 TIME PLOTTED => 11:01

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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION


CALCULATED-DESIGNED BY	CHECKED BY	REVISOR	DATE	NO.	DATE
NATALIA BIJAK	JONATHAN ROSALES	REVISOR	DATE	NO.	DATE
TIMOTHY J. LEE					

REMOVE BASE AND SURFACING

SHEET No.	STATION LIMITS				REMOVE BASE AND SURFACING CY
	FROM		TO		
L-27	"I-680"	525+14.11	"I-680"	533+00.47	70
L-28	"I-680"	544+03.44	"I-680"	549+13.53	161
L-28	"I-680"	536+42.38	"I-680"	549+13.53	1,703
L-28	"I-680"	544+02.30	"I-680"	549+13.53	573
L-28 TO L-29	"I-680"	549+13.53	"I-680"	560+42.62	1,317
L-28 TO L-29	"I-680"	549+13.53	"I-680"	560+42.62	356
L-30 TO L-31	"I-680"	563+66.73	"I-680"	579+17.88	1,675
L-30 TO L-31	"I-680"	563+66.73	"I-680"	579+13.43	579
L-30 TO L-31	"I-680"	568+70.88	"I-680"	579+17.88	403
L-31 TO L-32	"I-680"	581+36.28	"I-680"	597+10.86	589
L-31 TO L-32	"I-680"	581+40.51	"I-680"	597+20.14	682
L-31 TO L-32	"I-680"	581+40.51	"I-680"	597+14.86	1,498
L-32 TO L-36	"I-680"	599+41.58	"I-680"	652+50.00	1,976
L-32 TO L-36	"I-680"	599+46.05	"I-680"	660+49.13	5,836
L-32 TO L-38	"I-680"	599+46.05	"I-680"	681+00.00	4,406
L-36 TO L-38	"I-680"	660+49.13	"I-680"	681+00.00	703
SUBTOTAL "I-680"					22,527
L-1 TO L-2	"SKP"	161+59.70	"I-680"	178+58.68	126
L-1 TO L-2	"SKP"	161+69.85	"SKP"	172+54.64	81
L-11	"SS"	310+08.50	"SS"	317+86.59	49
L-11 TO L-12	"SS"	310+08.50	"ST"	318+79.40	198
L-11	"SS"	316+26.08	"SS"	317+39.00	10
L-12	"ST"	312+69.31	"ST"	318+27.57	39
L-17	"SBO"	381+82.00	"SBO"	387+69.04	19
SUBTOTAL RAMPS					522
SUBTOTAL "I-680"					22,527
GRAND TOTAL					23,049

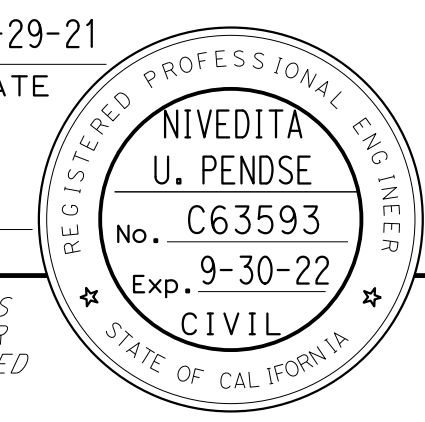
COLD PLANE AC PAVEMENT

SHEET No.	STATION LIMITS				DIRECTION	DEPTH (N) FT	AREA SQYD
	FROM		TO				
L-1 TO L-2	"I-680"	161+96	"I-680"	174+56	SB	0.35	1,352.1
L-2 TO L-9	"I-680"	178+92	"I-680"	281+37	SB	0.35	11,732.7
L-10	"I-680"	295+97	"I-680"	297+03	SB	0.35	127.5
L-11	"I-680"	299+34	"I-680"	308+61	SB	0.50	5,769.2
L-11 TO L-13	"I-680"	310+38	"I-680"	327+27	SB	0.50	9,160.3
L-13 TO L-14	"I-680"	329+00	"I-680"	341+82	SB	0.35	1,418.0
L-14	"I-680"	344+95	"I-680"	346+40	SB	0.35	582.8
L-14 TO L-16	"I-680"	348+03	"I-680"	372+45	SB	0.35	3,221.2
L-14 TO L-17	"I-680"	348+28	"I-680"	387+24	SB	0.35	15,119.5
L-16 TO L-17	"I-680"	378+12	"I-680"	385+42	SB	0.35	1,085.7
L-17 TO L-18	"I-680"	389+58	"I-680"	410+12	SB	0.35	6,243.6
L-17 TO L-19	"I-680"	389+67	"I-680"	402+95	SB	0.35	5,177.0
L-19 TO L-25	"I-680"	412+88	"I-680"	507+50	SB	0.35	47,578.0
L-26 TO L-28	"I-680"	507+50	"I-680"	544+03	SB	0.35	21,034.1
L-26	"I-680"	507+50	"I-680"	515+33	SB	0.35	879.7
L-26 TO L-27	"I-680"	516+99	"I-680"	525+24	SB	0.35	891.7
L-27 TO L-28	"I-680"	531+01	"I-680"	536+42	SB	0.35	515.2
L-27 TO L-29	"I-680"	530+00	"I-680"	560+43	NB	0.35	3,433.9
L-28 TO L-29	"I-680"	544+03	"I-680"	560+45	SB	0.35	5,003.9
L-30 TO L-31	"I-680"	575+99	"I-680"	579+50	SB	0.25	315.0
L-30 TO L-31	"I-680"	563+67	"I-680"	579+13	NB	0.35	1,333.2
L-31 TO L-32	"I-680"	581+29	"I-680"	597+56	SB	0.35	5,477.3
L-31 TO L-32	"I-680"	581+36	"I-680"	597+11	NB	0.35	680.2
L-32 TO L-36	"I-680"	599+42	"I-680"	660+00	NB	0.35	2,936.1
L-32 TO L-36	"I-680"	599+34	"I-680"	658+54	SB	0.35	19,327.2
SUBTOTAL "I-680"							170,395.1
L-1 TO L-2	"SKP"	161+60	"I-680"	178+59	SB	0.35	2,236.1
L-11	"SS"	310+09	"SS"	317+39	SB	0.35	1,274.3
L-11 TO L-12	"ST"	309+04	"ST"	318+79	SB	0.35	1,733.8
L-17	"SBO"	380+92	"SBO"	387+67	SB	0.35	1,620.5
L-26	"ER"	515+33	"ER"	516+62	SB	0.35	509.4
L-27	"SR"	529+98	"SR"	531+01	SB	0.35	415.0
L-29	"ESB"	554+73	"ESB"	564+17	SB	0.35	1,670.2
L-30	"I-680"	563+69	"SDB"	565+64	SB	0.35	622.1
L-30	"WSL"	563+69	"WSL"	571+34	SB	0.35	1,990.0
L-30	"SDB"	565+64	"SDB"	577+04	SB	0.25	4,738.2
L-30	"SDB"	577+04	"DBV"	572+30	SB	0.35	102.0
L-30 TO L-31	"DBV"	572+30	"DBV"	578+42	SB	0.25	2,218.8
L-36	"SAB"	651+83	"SAB"	659+52	SB	0.25	3,060.7
L-36	"SAB"	659+52	"SAB"	659+52	SB	0.35	58.9
SUBTOTAL RAMPS							22,250.1
SUBTOTAL "I-680"							170,395.1
FROM STAGE CONSTRUCTION QUANTITY							20,806.0
GRAND TOTAL							213,451.2

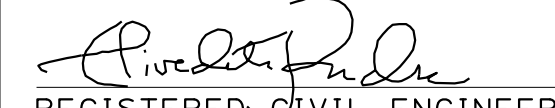
(N) - NOT A SEPARATE BID ITEM.

SUMMARY OF QUANTITIES

Q-11

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	1017	1710
			9-29-21		
			DATE		
			October 8, 2021		
			PLANS APPROVAL DATE		
					
			<small>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</small>		
WMH CORPORATION 55 South Market St Suite 1200 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	1018	1710


 REGISTERED CIVIL ENGINEER DATE 9-29-21

October 8, 2021
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
 NIVEDITA
 U. PENDSE
 No. C63593
 Exp. 9-30-22
 CIVIL
 STATE OF CALIFORNIA

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REMOVE CONCRETE (CY)


SHEET No.	STATION LIMITS				LOCATION	REMOVE Conc (CURB & GUTTER)	REMOVE GORE PAVING	REMOVE CONCRETE DITCH
	FROM	TO		CY				
L-1 TO L-2	"SKP"	161+59.80	"I-680"	178+53.00	L+	112.2		
L-1 TO L-2	"SKP"	161+69.85	"SKP"	174+01.86	R+	68.1		
L-11 TO L-12	"SS"	310+20.44	"ST"	318+79.40	R+	90.4		
L-11	"SS"	310+16.45	"SS"	318+86.59	L+	45.7		
L-11	"SS"	317+32.49	"TS"	316+50.00	L+	7.2		
L-12	"ST"	312+68.31	"ST"	318+27.57	L+	36.5		
L-17	"SBO"	384+09.00	"SBO"	387+40.00	L+	19.8		
L-26	"ER"	514+97.95	"ER"	516+46.64	R+		53.1	
L-27	"I-680"	525+16.43	"I-680"	525+94.79	L+		25.5	
L-29	"ESB"	554+73.18	"ESB"	555+55.78	R+		20.1	
L-29	"I-680"	552+08.45	"ESB"	561+03.40	L+	53.1		
L-29	"ESB"	554+81.97	"ESB"	563+08.96	R+	50.4		
L-30	"I-680"	566+35.59	"I-680"	567+10.48	L+	13.2		
L-30	"SDB"	565+63.61	"SDB"	568+62.65	R+		59.6	
L-30 to L-31	"SCN"	575+37.81	"SCN"	578+22.11	R+		71.4	
SUBTOTAL						496.6	229.7	
FROM DRAINAGE QUANTITY								374.2
TOTAL						1100.5		

REMOVE CONCRETE PAVEMENT AND BASE

SHEET No.	STATION LIMITS				REMOVE CONCRETE PAVEMENT AND BASE
	FROM	TO		CY	
L-1	"I-680"	161+94.70	"I-680"	162+04.00	6
L-1	"I-680"	161+95.70	"I-680"	162+04.00	11
L-1 TO L-10	"I-680"	162+04.00	"I-680"	297+03.00	9,682
L-1 TO L-10	"I-680"	162+04.00	"I-680"	297+03.00	6,950
L-4 TO L-9	"I-680"	213+00.00	"I-680"	281+37.19	6,068
L-9 TO L-10	"I-680"	281+37.19	"I-680"	295+97.45	970
L-10	"I-680"	295+97.45	"I-680"	297+03.00	95
L-13	"I-680"	329+57.90	"I-680"	329+82.40	32
L-13	"I-680"	329+74.37	"I-680"	329+82.40	6
L-13 TO L-14	"I-680"	329+82.40	"I-680"	341+41.20	1,183
L-13 TO L-14	"I-680"	329+82.40	"I-680"	341+41.20	587
L-14	"I-680"	341+41.20	"I-680"	341+52.90	14
L-14	"I-680"	341+41.20	"I-680"	341+61.60	14
L-28	"I-680"	544+02.30	"I-680"	549+13.53	796
L-28 TO L-29	"I-680"	549+13.53	"I-680"	560+42.62	1,757
L-30 TO L-31	"I-680"	563+66.73	"I-680"	578+31.76	1,346
L-30 TO L-31	"I-680"	563+66.73	"I-680"	579+50.11	1,606
L-31 TO L-32	"I-680"	581+28.73	"I-680"	597+48.13	2,446
L-32 TO L-36	"I-680"	599+34.08	"I-680"	658+41.93	9,001
TOTAL					42,570

SUMMARY OF QUANTITIES

Q-12

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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION


Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	1019	1710

9-29-21
 REGISTERED CIVIL ENGINEER DATE
 October 8, 2021
 PLANS APPROVAL DATE

NIVEDITA U. PENDSE
 No. C63593
 Exp. 9-30-22
 CIVIL
 STATE OF CALIFORNIA

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RETAINING WALLS

SHEET No.	STATION		STRUCTURE EXCAVATION (RETAINING WALL)	STRUCTURE BACKFILL (RETAINING WALL)	STRUCTURAL CONCRETE, RETAINING WALL	BAR REINFORCING STEEL (RETAINING WALL)	MINOR CONCRETE (MISCELLANEOUS CONSTRUCTION)	REMARK
			CY			LB	CY	
L-13	"I-680"	331+58	27.4	21.0	6.5	641	0.7	RETAINING WALL AT TOLL SYSTEM CABINET PAD
L-31	"I-680"	588+28	12.1	8.9	3.3	369	0.5	
L-35	"I-680"	644+55	14.5	10.8	3.7	402	0.5	
L-36	"I-680"	651+07	28.3	21.6	6.7	666	0.9	
TOTAL			82.3 **	62.4 **	20.2 **	2078 **	2.5 *	

(*) - QUANTITY INCLUDED IN MINOR CONCRETE (MISCELLANEOUS CONSTRUCTION)
 (***) - SEE DECALS ON STRUCTURE PLANS FOR ADDITIONAL QUANTITIES

MINOR CONCRETE (MISCELLANEOUS CONSTRUCTION)

SHEET No.	STATION LIMITS				LOCATION	CONCRETE CURB (TYPE B2-6)	DRAINAGE	RETAINING WALLS
	FROM	TO		CY		CY	CY	
L-11	"TS"	316+50.00	"SS"	317+32.49	R+/L+	7.4		
SUBTOTAL						7.4		
FROM DRAINAGE QUANTITY							454.4	
FROM RETAINING WALLS QUANTITY								2.5
TOTAL							464.3	

CRASH CUSHION


SHEET No.	STATION		LOCATION	ALTERNATIVE CRASH CUSHION SYSTEM	REMOVE CRASH CUSHION	REMOVE CRASH CUSHION (SAND FILLED)
				EA		
L-1	"I-680"	161+98.60	L+			1
L-1	"I-680"	162+43.00	R+			1
L-1	"I-680"	167+50.00	L+			1
L-4	"I-680"	204+86.61	L+		1	
L-11	"ST"	309+49.49	R+	1		
L-11	"ST"	312+15.92	R+	1		
TOTAL				2	1	3

SUMMARY OF QUANTITIES

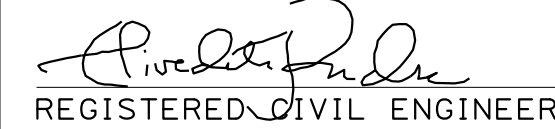
Q-13

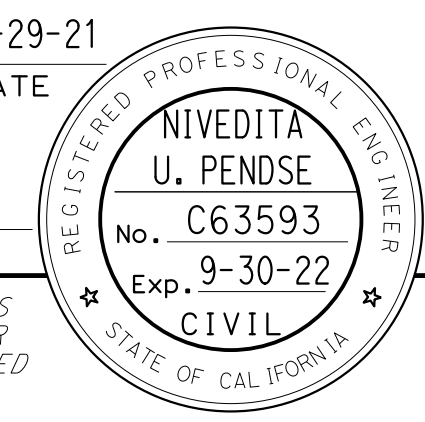
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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 Et Caltrans®
 CONSULTANT: FUNCTIONAL SUPERVISOR: TIMOTHY J. LEE
 CALCULATED/DESIGNED BY: NATALIA BIJAK
 CHECKED BY: JONATHAN ROSALES
 REVISED BY: DATE: 9-29-21
 NB: 9-29-21



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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION


SHEET No.	STATION LIMITS				REMOVE GUARDRAIL	TREATED WOOD WASTE	MIDWEST GUARDRAIL SYSTEM (WOOD POST)	MIDWEST GUARDRAIL SYSTEM (7' WOOD POST)	MIDWEST GUARDRAIL SYSTEM (8' WOOD POST)	TRANSITION RAILING (TYPE WB-31)	END CAP (TYPE A)	END ANCHOR ASSEMBLY (TYPE SFT)	ALTERNATIVE IN-LINE TERMINAL SYSTEM	VEGETATION CONTROL (MINOR CONCRETE)
	FROM	TO	LF	LB										
L-1	"I-680"	161+72.88	"I-680"	168+65.18	669.9	8,708.7								
L-1	"I-680"	162+43.00	"I-680"	171+07.62	874.5	11,368.5								
L-1	"I-680"	161+98.86	"I-680"	168+13.28				591.8		1			1	99.9
L-1	"SKP"	168+11.23	"SKP"	168+98.52			87.5					1		55.9
L-2	"SKP"	175+48.50	"SKP"	176+41.50	92.8	1,206.4						1		
L-2	"SKP"	173+86.57	"SKP"	175+55.05				168.1				1		21.1
L-2	"SKP"	175+55.05	"SKP"	175+67.55					12.5					1.4
L-2 TO L-3	"SKP"	175+67.55	"I-680"	186+72.14				1,104.8					1	147.1
L-3 TO L-5	"I-680"	194+08.57	"I-680"	217+72.17				2,356.8				1	1	288.6
L-4	"I-680"	211+19.00	"I-680"	212+44.00	125.0	1,625.0								
L-5	"I-680"	215+70.00	"I-680"	218+22.13	252.2	3,278.6								
L-5 TO L-8	"I-680"	217+43.75	"I-680"	257+12.50	3,961.3	51,496.9						1		
L-6	"I-680"	229+66.25	"I-680"	237+48.75				782.9				2		91.9
L-6	"I-680"	235+69.00	"I-680"	239+94.54	437.0	5,681.0								
L-6	"I-680"	237+61.25	"I-680"	239+94.54			241.9					1		83.9
L-7 TO L-8	"I-680"	255+20.00	"I-680"	257+12.50			192.9				1			64.3
L-8	"I-680"	261+43.00	"I-680"	263+50.00	201.7	2,622.1								
L-8	"I-680"	261+49.41	"I-680"	264+89.65				331.9				2		41.8
L-8 TO L-10	"I-680"	268+43.79	"I-680"	297+39.00	2,903.4	37,744.2						1		
L-8 TO L-10	"I-680"	265+02.49	"I-680"	289+43.98				2,440.2				1		274.4
L-9	"I-680"	278+94.00	"I-680"	279+84.00	89.2	1,159.6								
L-9 TO L-10	"I-680"	274+36.00	"I-680"	289+28.00	1,512.3	19,659.9								
L-10	"I-680"	291+72.00	"I-680"	297+39.00	569.0	7,397.0								
L-11	"I-680"	299+19.14	"I-680"	303+36.00	414.5	5,388.5								
L-11	"I-680"	299+44.14	"I-680"	303+39.51				392.3		1				54.1
L-11	"SS"	310+20.44	"SS"	310+94.75	91.6	1,190.8				1			1	34.1
L-11	"SS"	310+28.95	"SS"	311+28.53	90.3	1,173.9								
L-11	"SS"	310+54.23	"SS"	310+69.93			15.6			1			1	39.3
L-11 TO L-12	"I-680"	310+43.23	"I-680"	312+90.00	240.0	3,120.0								
L-11 TO L-12	"I-680"	310+69.07	"I-680"	315+51.70				466.9		1			1	86
L-12	"ST"	320+16.27	"ST"	321+02.00	89.3	1,160.9								
L-12	"ST"	320+22.52	"ST"	320+35.02								1		3.8
L-12	"ST"	320+35.02	"ST"	321+35.02				100.0					1	35.4
L-13	"I-680"	329+88.20	"I-680"	330+66.00	94.5	1,228.5								
L-13	"I-680"	330+13.20	"I-680"	331+09.47			96.4			1				42.7
L-14	"I-680"	348+40.73	"I-680"	349+09.48				68.8			1	1		10.1
L-14 TO L-15	"I-680"	350+08.66	"I-680"	354+24.00	416.0	5,408.0								
L-14 TO L-15	"I-680"	350+33.66	"I-680"	361+77.59				1,144.3		1		1		139.4
SUBTOTAL OF SHEET Q-22					13,124.5	170,618.5	634.3	9,948.8	25.0	7.0	2.0	14.0	8.0	1,615.2

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	1028	1710
 REGISTERED CIVIL ENGINEER			9-29-21	DATE	
October 8, 2021					
PLANS APPROVAL DATE					
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MIDWEST GUARDRAIL SYSTEM

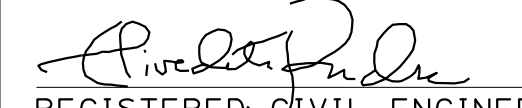
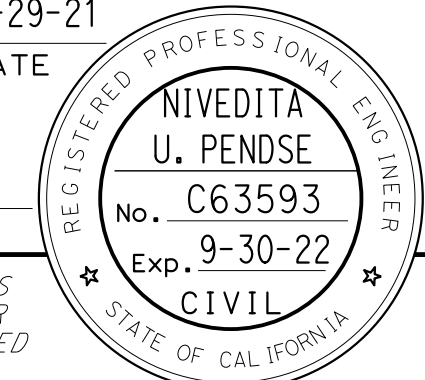
SUMMARY OF QUANTITIES

Q-22

LAST REVISION DATE PLOTTED => 8-MAR-2022 TIME PLOTTED => 11:08

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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION


REVISIONS					
NB	9-29-21	REVISED BY	DATE REVISED	NATALIA BIJAK	JONATHAN ROSALES
CALCULATED-DESIGNED BY	CHECKED BY	CONSULTANT - FUNCTIONAL SUPERVISOR	TIMOTHY J. LEE		

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	1029	1710
 REGISTERED CIVIL ENGINEER				9-29-21	DATE
October 8, 2021					PLANS APPROVAL DATE
					
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MIDWEST GUARDRAIL SYSTEM (CONTINUED)

SHEET No.	STATION LIMITS				REMOVE GUARDRAIL	TREATED WOOD WASTE	MIDWEST GUARDRAIL SYSTEM (WOOD POST)	MIDWEST GUARDRAIL SYSTEM (7' WOOD POST)	MIDWEST GUARDRAIL SYSTEM (8' WOOD POST)	TRANSITION RAILING (TYPE WB-31)	END CAP (TYPE A)	END ANCHOR ASSEMBLY (TYPE SFT)	ALTERNATIVE IN-LINE TERMINAL SYSTEM	VEGETATION CONTROL (MINOR CONCRETE)
	FROM	TO	LF	LB										
L-15	"I-680"	361+90.09	"I-680"	363+14.21				124.1				1	1	40.6
L-15 TO L-16	"I-680"	366+87.55	"I-680"	367+99.00	111.1	1,444.3								
L-15 TO L-16	"I-680"	366+93.80	"I-680"	368+06.29				112.5				1	1	39.3
L-17	"I-680"	384+23.74	"I-680"	387+42.49			318.8				1			108.7
L-17	"SBO"	389+85.25	"SBO"	391+08.75				123.5		1				23.5
L-17	"SBO"	391+08.75	"SBO"	391+52.50					43.8					4.9
L-17	"SBO"	391+52.50	"SBO"	392+80.94				128.4						14.3
L-17	"SBO"	392+80.94	"I-680"	392+93.44					12.5					1.4
L-17 TO L-18	"I-680"	392+93.44	"I-680"	397+78.75				484.5				1		56.3
L-17 TO L-19	"SBO"	389+60.25	"I-680"	410+11.70	2,037.6									
L-18 TO L-19	"I-680"	397+91.25	"I-680"	410+11.70				1,227.6			1			138.8
L-19 TO L-20	"I-680"	413+11.57	"I-680"	427+80.75				1,483.7		1		1		177.1
L-19 TO L-22	"I-680"	412+86.81	"I-680"	452+95.00	4,040.8									
L-20 TO L-22	"I-680"	427+93.13	"I-680"	455+67.25				2,776.3				2		313.4
L-22 TO L-25	"I-680"	455+79.75	"I-680"	496+31.77				4,052.4				2		455.2
L-22 TO L-25	"I-680"	462+48.00	"I-680"	507+50.00	4,553.2									
L-25	"I-680"	496+44.27	"I-680"	507+50.00				1,105.8				1		125.3
L-26	"I-680"	507+50.00	"ER"	509+50.78				200.8					1	119.5
L-26	"I-680"	507+50.00	"ER"	509+98.27	248.0	3,224.0								
L-27	"I-680"	528+50.00	"I-680"	529+25.00				75.0				1	1	59.7
L-28	"I-680"	536+99.34	"I-680"	537+63.66	64.6	839.8								
L-28	"I-680"	536+48.63	"I-680"	537+48.63				100.0				1		47.2
L-28	"I-680"	537+48.63	"I-680"	537+98.63					50.0					42.7
L-28	"I-680"	537+98.63	"I-680"	540+48.23				250.0				1		239.4
L-28	"I-680"	540+51.58	"I-680"	545+76.58				525.0				1		243.4
L-28	"I-680"	545+76.58	"I-680"	546+14.08					37.5					16.7
L-28	"I-680"	546+14.08	"I-680"	548+39.08				225.0					1	134.0
L-28	"I-680"	541+11.79	"I-680"	542+00.74	89.2	1,159.6								
L-28	"I-680"	546+15.20	"I-680"	547+29.02	114.2	1,484.6								
L-29	"I-680"	557+60.05	"I-680"	558+60.04				100.0				1	1	126.6
L-30	"I-680"	570+63.26	"I-680"	571+14.16				50.0		1			1	56.9
L-30	"I-680"	573+39.78	"I-680"	574+41.63				100.0				1	1	107.9
L-30	"WSL"	564+55.29	"WSL"	564+55.29						1			1	49.1
L-30	"SDB"	569+21.28	"SDB"	572+92.73				375.0				1	1	226.6
L-30	"SDB"	570+40.44	"SDB"	571+45.31				100.0				1	1	96.1
L-30	"I-680"	570+29.76	"I-680"	571+13.27	82.3	1,069.9								
L-30	"WSL"	564+29.61	"WSL"	564+86.59	56.9	739.7								
L-30	"SDB"	569+21.28	"SDB"	573+35.06	418.2	5,436.6								
SUBTOTAL OF SHEET Q-23					11,816.1	15,398.5	318.8	13,719.6	143.8	4.0	2.0	19.0	11.0	3,064.6

SUMMARY OF QUANTITIES

Q-23

LAST REVISION DATE PLOTTED => 8-MAR-2022 TIME PLOTTED => 11:08

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	1030	1710

REGISTERED CIVIL ENGINEER DATE 9-29-21
 REGISTERED CIVIL ENGINEER DATE 9-29-21
 October 8, 2021
 PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WMH CORPORATION 55 South Market St Suite 1200 San Jose, CA 95113
 ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607

MIDWEST GUARDRAIL SYSTEM (CONTINUED)

SHEET No.	STATION LIMITS		REMOVE GUARDRAIL LF	TREATED WOOD WASTE LB	MIDWEST GUARDRAIL SYSTEM (WOOD POST)	MIDWEST GUARDRAIL SYSTEM (7' WOOD POST)	MIDWEST GUARDRAIL SYSTEM (8' WOOD POST)	TRANSITION RAILING (TYPE WB-31)	END CAP (TYPE A)	END ANCHOR ASSEMBLY (TYPE SFT)	ALTERNATIVE IN-LINE TERMINAL SYSTEM	VEGETATION CONTROL (MINOR CONCRETE) SQYD	
	FROM	TO											EA
L-30	"SDB"	570+40.44	"SDB"	572+06.77	156.0	2,028.0							
L-30 TO L-31	"DBV"	574+06.44	"DBV"	578+24.96			450.0	1			1	237.0	
L-30 TO L-31	"DBV"	574+68.45	"DBV"	578+25.21			325.0	1			1	199.6	
L-30 TO L-31	"DBV"	573+70.99	"DBV"	578+49.96	486.2	6,320.6							
L-30 TO L-31	"DBV"	574+56.73	"DBV"	578+50.21	360.5	4,686.5							
L-34	"I-680"	629+12.85	"I-680"	629+12.85				1			1	64.4	
L-34	"I-680"	628+88.64	"I-680"	629+68.49	80.0	1,040.0							
L-35	"I-680"	637+13.15	"I-680"	637+63.15			50.0	1			1	63.9	
L-35	"I-680"	644+59.63	"I-680"	644+59.63				1			1	51.0	
L-35	"I-680"	637+13.15	"I-680"	637+88.15	74.4	967.2							
L-35	"I-680"	644+34.83	"I-680"	645+12.30	77.1	1,002.3							
L-36	"SAB"	655+41.49	"SAB"	655+41.49				1			1	60.5	
L-36	"SAB"	656+11.38	"SAB"	656+11.38				1			1	42.6	
L-36	"SAB"	655+16.63	"SAB"	655+87.96	88.1	1,145.3							
L-36	"SAB"	655+85.68	"SAB"	656+59.22	90.2	1,172.6							
L-37	"I-680"	661+77.45	"I-680"	662+02.23			25.0			1	1	42.8	
SUBTOTAL OF SHEET Q-24			1,412.5	18,362.5			800.0	50.0	7.0		1.0	8.0	761.8
SUBTOTAL OF SHEET Q-23			11,816.1	15,398.5	318.8	13,719.6	143.8	4.0	2.0	19.0	11.0	3,064.6	
SUBTOTAL OF SHEET Q-22			13,124.5	170,618.5	634.3	9,948.8	25.0	7.0	2.0	14.0	8.0	1,615.2	
GRAND TOTAL			26,353.1	204,379.5*	953.1	24,468.4	218.8	18	4	34	27	5,441.6	

(*) - QUANTITY INCLUDED IN TREATED WOOD WASTE TABLE.

TREATED WOOD WASTE

DESCRIPTION	LB
FROM MIDWEST GUARDRAIL SYSTEM	204,379.5
FROM ROADSIDE SIGN QUANTITIES	11,952.0
TOTAL	216,331.5

SUMMARY OF QUANTITIES
Q-24

O:\0030\DRAWING\FINAL_P58E\0420000235pa024.dgn
 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 Et Caltrans
 CONSULTANT FUNCTIONAL SUPERVISOR
 CALCULATED/DESIGNED BY
 CHECKED BY
 NATALIA BIJAK
 JONATHAN ROSALES
 REVISOR
 DATE
 NB
 9-29-21
 TIMOTHY J. LEE

O:\00300\DRAWING\FINAL_P58E\0420000235p0025.dgn
 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 Et Caltrans®
 USERNAME => p302438
 DGN FILE => 0420000235p0025.dgn
 RELATIVE BORDER SCALE IS IN INCHES
 UNIT 0733
 PROJECT NUMBER & PHASE
 04200002351

EARTHWORK QUANTITIES

SHEET No.	STATION LIMITS	ROADWAY EXCAVATION	EMBANKMENT (N)
		CY	
G-1	"I-680" 161+85 TO 171+50	1,701	84
G-1	"SKP" 161+50 TO 171+50	503	54
G-2	"I-680" 171+50 TO 185+50	468	1,409
G-2	"SKP" 171+50 TO 177+29	289	8
G-3	"I-680" 185+50 TO 199+50	287	1,228
G-4	"I-680" 199+50 TO 213+50	2,252	1,052
G-5	"I-680" 213+50 TO 227+50	5,589	435
G-6	"I-680" 227+50 TO 241+50	10,887	53
G-7	"I-680" 241+50 TO 255+50	10,251	1,879
G-8	"I-680" 255+50 TO 269+50	2,641	1,272
G-9	"I-680" 269+50 TO 283+50	6,783	2
G-10	"I-680" 283+50 TO 297+50	9,088	60
G-11	"I-680" 297+50 TO 311+50	1,293	184
G-11	"SS" 303+63 TO 318+08	754	
G-11	"ST" 308+70 TO 312+50		
G-11	BASIN No. 1	10,946	
G-12	"I-680" 311+50 TO 325+50	1,681	10
G-12	"ST" 312+50 TO 322+07	318	
G-12	BASIN No. 2	9,788	
G-13	"I-680" 325+50 TO 339+50	2,158	6
G-14	"I-680" 339+50 TO 353+50	1,416	12
G-15	"I-680" 353+50 TO 367+50	1,711	288
G-16	"I-680" 367+50 TO 381+50	1,700	18
G-17	"I-680" 381+50 TO 395+50	1,510	2,479
G-17	"SB0" 380+00 TO 393+07	137	2
G-18	"I-680" 395+50 TO 409+50	1,883	711
G-19	"I-680" 409+50 TO 423+50	1,919	62
G-20	"I-680" 423+50 TO 437+50	2,644	978
G-21	"I-680" 437+50 TO 451+50	4,293	916
G-22	"I-680" 451+50 TO 465+50	4,594	802
G-23	"I-680" 465+50 TO 479+50	2,559	396
G-24	"I-680" 479+50 TO 493+50	2,923	708
G-25	"I-680" 493+50 TO 507+50	2,143	971
G-26	"I-680" 507+50 TO 521+50	2,365	44
G-27	"I-680" 521+50 TO 535+50	3,621	4
G-27	BASIN No.3	2,143	
G-28	"I-680" 535+50 TO 549+50	4,172	398
G-29	"I-680" 549+50 TO 560+42	1,770	6
G-29	"ESB" 554+73 TO 564+17	270	11
G-30	"I-680" 560+42 TO 577+50	2,478	4
G-30	"DBV" 572+30 TO 578+42	318	234
G-30	BASIN No.4	2,072	
G-31	"I-680" 577+50 TO 591+50	95	
G-32	"I-680" 591+50 TO 605+50	227	
G-33	"I-680" 605+50 TO 619+50	554	
G-34	"I-680" 619+50 TO 633+50	259	
G-35	"I-680" 633+50 TO 647+50	34	
G-36	"I-680" 647+50 TO 661+50	34	
G-36	BASIN No.5	1,547	
G-36	BASIN No.6	1,278	
G-37	"I-680" 661+50 TO 675+50	34	
G-38	"I-680" 675+50 TO 681+00	14	
TOTAL		125,943	16,780

(N) - NOT A SEPARATE BID ITEM.

GEOSYNTHETIC REINFORCED EMBANKMENT

SHEET No.	STATION LIMITS				LOCATION	GEOSYNTHETIC REINFORCEMENT		GEOSYNTHETIC REINFORCED EMBANKMENT BACKFILL (N)
	FROM		TO			SQYD	CY	
G-10	"I-680"	285+00.00	"I-680"	288+94.00	L+	2,408	525	1,144
TOTAL						2,933		1,144

(N) - NOT A SEPARATE BID ITEM.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	1031	1710
REGISTERED CIVIL ENGINEER			9-29-21 DATE		
October 8, 2021 PLANS APPROVAL DATE					
WMH CORPORATION 55 South Market St Suite 1200 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		

IRRIGATION CONDUIT

SHEET No.	STATION	SIDE		8" WELDED STEEL PIPE CONDUIT	3" PLASTIC PIPE (CLASS 315) (SUPPLY LINE)	CONTROL AND NEUTRAL CONDUCTORS
		L+	R+			2" Elec CONDUIT (N)
				LF		LF
L-11	"SS"	309+15	X	76	92	92
L-11	"SS"	312+50	X	35	51	51
L-12	"ST"	317+50	X	32	48	48
L-13	"I-680"	328+00	X	200	216	216
L-14	"I-680"	347+25	X	50	66	66
L-27	"I-680"	522+60	X	102	118	118
L-27	"I-680"	526+05	X	50	66	66
L-27	"SR"	527+50	X	52	68	68
L-29	"ESB"	558+40	X	32	48	48
TOTAL				629	773	773


(N) - NOT A SEPARATE BID ITEM.

ADL EXCAVATION

STATION LIMITS	ROADWAY EXCAVATION (TYPE Z-2) (AERIALY DEPOSITED LEAD)	ROADWAY EXCAVATION (TYPE COM) (AERIALY DEPOSITED LEAD)
	CY	
"I-680" 161+95 TO "I-680" 169+00		18
"I-680" 173+85 TO "I-680" 187+35		877
"I-680" 194+00 TO "I-680" 218+50		1117
"I-680" 227+40 TO "I-680" 240+00		585
"I-680" 246+08 TO "I-680" 253+70		564
"I-680" 261+43 TO "I-680" 297+20		1076
"I-680" 299+20 TO "I-680" 303+45		59
"I-680" 557+55 TO "I-680" 560+30	157	
TOTAL	157	4294

SUMMARY OF QUANTITIES

Q-25

0:\0030\UDRAFT\ING\FINAL_P58E\0420000235pa026.dgn
 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

 CONSULTANT: FUNCTIONAL SUPERVISOR: TIMOTHY J. LEE
 CALCULATED/DESIGNED BY: NATALIA BIJAK
 CHECKED BY: JONATHAN ROSALES
 REVISED BY: DATE: 9-29-21
 NB: 9-29-21

LIGHT FOUNDATION

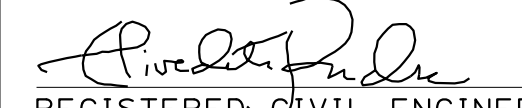
SHEET No.	LOCATION		24" CIDH CONCRETE PILE (LIGHT FOUNDATION)	
			LF	
E-10	"I-680"	240+25	12	
E-11	"I-680"	242+25	12	
E-124	"I-680"	252+25	12	
E-14	"I-680"	289+80	12	
E-14	"I-680"	293+80	12	
E-14	"I-680"	297+15	12	
E-15	"I-680"	299+53	12	
E-15	"I-680"	301+53	12	
E-128	"I-680"	303+50	12	
E-15	"I-680"	305+53	12	
E-16	"I-680"	321+61	12	
E-16	"I-680"	323+61	12	
E-17	"I-680"	325+61	12	
E-17	"I-680"	327+61	12	
E-17	"I-680"	329+80	12	
E-17	"I-680"	332+95	12	
E-17	"I-680"	334+95	12	
E-17	"I-680"	337+05	12	
E-17	"I-680"	339+05	12	
E-18	"I-680"	341+05	12	
E-18	"I-680"	349+00	12	
E-18	"I-680"	351+00	12	
E-18	"I-680"	353+00	12	
E-132	"I-680"	355+00	12	
E-19	"I-680"	357+00	12	
E-19	"I-680"	361+00	12	
E-19	"I-680"	363+00	12	
E-19	"I-680"	365+00	12	
E-19	"I-680"	367+00	12	
E-20	"I-680"	369+00	12	
E-23	"I-680"	417+90	12	
E-23	"I-680"	419+90	12	
E-23	"I-680"	421+90	12	
E-137	"I-680"	423+90	12	
E-24	"I-680"	425+90	12	
E-24	"I-680"	430+00	12	
E-24	"I-680"	432+00	12	
E-24	"I-680"	434+00	12	
E-24	"I-680"	436+10	12	
E-25	"I-680"	438+00	12	
E-28	"I-680"	486+00	12	
E-28	"I-680"	488+00	12	
E-28	"I-680"	490+00	12	
E-28	"I-680"	492+00	12	
E-29	"I-680"	494+00	12	
E-29	"I-680"	498+00	12	
E-29	"I-680"	500+00	12	
E-142	"I-680"	502+00	12	
E-29	"I-680"	504+00	12	
E-30	"I-680"	506+00	12	
E-33	"I-680"	527+61	12	
E-33	"I-680"	529+61	12	
E-33	"I-680"	531+61	12	
E-33	"I-680"	533+61	12	
E-33	"I-680"	535+61	12	
E-34	"I-680"	539+50	12	
E-34	"I-680"	541+40	12	
E-34	"I-680"	543+30	12	
E-34	"I-680"	545+30	12	
E-34	"I-680"	547+30	12	
E-38	"I-680"	619+78	12	
E-38	"I-680"	621+84	12	
E-38	"I-680"	623+90	12	
E-38	"I-680"	625+96	12	
E-38	"I-680"	628+02	12	

LIGHT FOUNDATION (CONTINUED)

SHEET No.	LOCATION		24" CIDH CONCRETE PILE (LIGHT FOUNDATION)	
			LF	
E-38	"I-680"	632+08	12	
E-39	"I-680"	634+08	12	
E-39	"I-680"	636+08	12	
E-39	"I-680"	638+18	12	
E-152	"I-680"	640+18	12	
TOTAL			840	

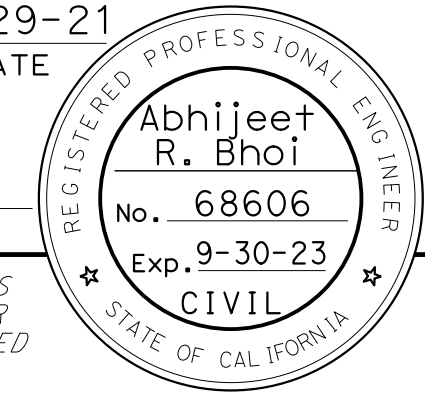
FENCES

SHEET No.	STATION LIMITS				LOCATION	REMOVE CHAIN LINK FENCE	CHAIN LINK FENCE (TYPE CL-6)	TEMPORARY HIGH-VISIBILITY FENCE	TEMPORARY REINFORCED SILT FENCE
	FROM		TO						
	LF								
L-1 TO L-3	"SKP"	161+70.00	"I-680"	186+86.00	L+				2,612
L-2	"I-680"	174+82.36	"I-680"	182+63.30	L+	781	781		
L-3	"I-680"	190+93.00	"I-680"	192+87.00	L+				218
L-3 TO L-5	"I-680"	193+83.00	"I-680"	218+51.00	L+				2,710
L-5 TO L-6	"I-680"	227+37.00	"I-680"	240+09.00	L+				1,347
L-7	"I-680"	245+97.00	"I-680"	253+78.00	L+				868
L-8	"I-680"	255+90.00	"I-680"	258+30.00	L+				328
L-8 TO L-11	"I-680"	259+71.00	"I-680"	298+09.00	L+				4,365
L-10	"I-680"	296+02.00	"I-680"	296+80.00	R+				144
L-11	"I-680"	298+59.00	"I-680"	303+45.00	L+				577
L-12	"ST"	314+60.00	"ST"	315+83.00	L+				125
L-12 TO L-13	"ST"	316+98.00	"I-680"	326+83.00	L+				1,064
L-13	"I-680"	329+75.00	"I-680"	331+71.00	L+				290
L-14 TO L-15	"I-680"	348+12.00	"I-680"	355+16.00	L+			857	
L-15	"I-680"	358+90.00	"I-680"	362+22.00	L+			370	
L-16	"I-680"	367+62.00	"I-680"	368+50.00	L+			89	
L-16	"I-680"	369+57.00	"I-680"	370+10.00	L+			123	
L-16 TO L-17	"I-680"	380+09.00	"I-680"	389+20.00	L+			1,070	
L-17	"I-680"	381+84.00	"I-680"	381+84.00	L+			1,616	
L-17	"SBO"	380+98.00	"SBO"	380+98.00	L+			754	
L-17	"SBO"	389+23.00	"SBO"	390+39.00	L+			241	
L-17 TO L-18	"I-680"	393+38.00	"I-680"	397+70.00	L+			448	
L-18	"I-680"	398+68.00	"I-680"	402+99.00	L+			562	
L-18 TO L-19	"I-680"	403+76.00	"I-680"	410+12.00	L+			660	
L-19	"I-680"	413+87.00	"I-680"	414+82.00	L+			96	
L-19	"I-680"	415+90.00	"I-680"	416+75.00	L+			86	
L-19 TO L-20	"I-680"	417+46.00	"I-680"	424+86.00	L+			784	
L-20	"I-680"	429+08.00	"I-680"	429+61.00	L+			57	
L-21 TO L-22	"I-680"	450+23.00	"I-680"	464+00.00	L+			1,476	
L-22 TO L-23	"I-680"	464+01.50	"I-680"	473+18.00	L+	917	917		
L-24 TO L-25	"I-680"	491+28.00	"I-680"	494+98.00	L+			417	
L-25	"I-680"	496+80.00	"I-680"	497+75.00	L+			153	
L-29	"I-680"	552+33.00	"ESB"	556+60.00	L+			533	
L-31	"I-680"	588+40.00	"I-680"	588+65.00	R+			148	
L-32 TO L-34	"I-680"	600+54.00	"I-680"	626+96.00	L+			2,642	
SUBTOTAL						1,698	1,698	13,182	14,648
FROM PLANT REMOVAL PLAN SHEETS								20,306	
TOTAL						1,698	1,698	33,488	14,648

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	1032	1710
 REGISTERED CIVIL ENGINEER			9-29-21	DATE	
October 8, 2021			PLANS APPROVAL DATE		
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.					
WMH CORPORATION 55 South Market St Suite 1200 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		

SUMMARY OF QUANTITIES




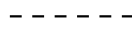
Q-26

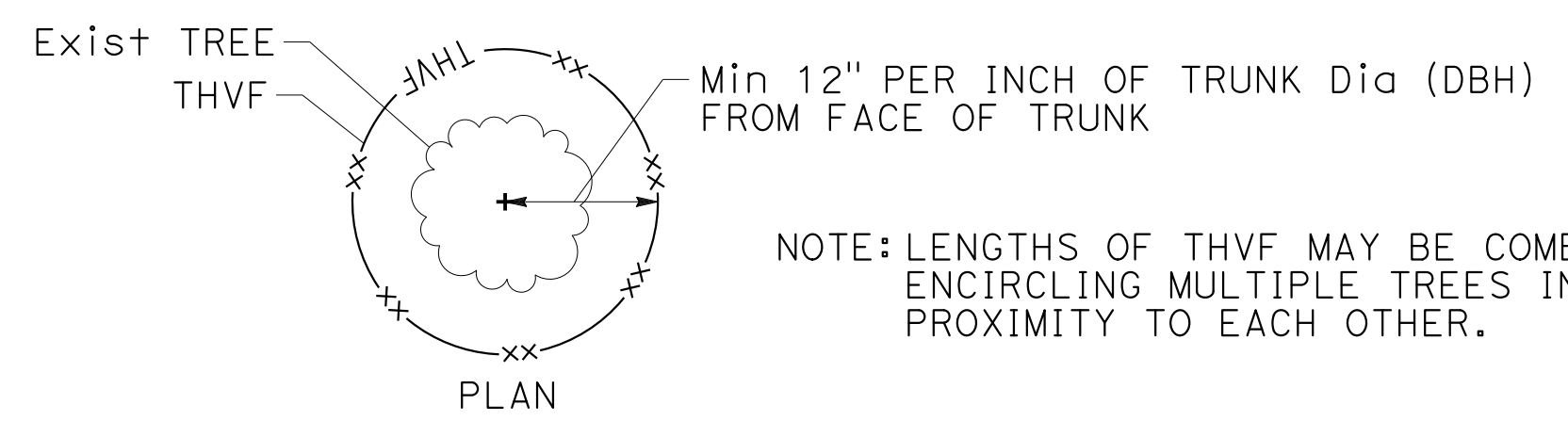
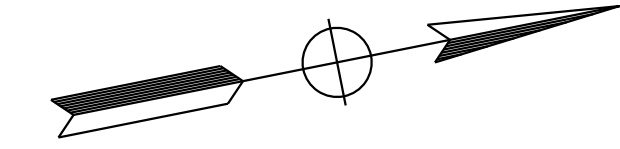
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	1033	1710
<i>ARBhoi</i> REGISTERED CIVIL ENGINEER			9-29-21 DATE		
October 8, 2021 PLANS APPROVAL DATE					
AECOM 4 N. Second Street Suite 675 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		

NOTES:

- FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
- LARGE TREES TO BE REMOVED AS PART OF CLEARING AND GRUBBING AND ROADSIDE CLEARING SHOWN FOR INFORMATION ONLY. PLANS DO NOT REFLECT SMALLER TREES, LARGE SHRUBS AND OTHER EXIST VEGETATION TO BE REMOVED AS PART OF CLEARING AND GRUBBING.
- EXISTING TREE SYMBOL SHOWN ON PLANS IS NOT AN ACCURATE REPRESENTATION OF CANOPY SIZE. ACTUAL SIZE OF EXIST TREE WILL VARY.
- PLACE THVF USED FOR TREE PROTECTION AT LEAST 1 FOOT AWAY FROM FACE OF TRUNK FOR EVERY INCH OF EXIST TREE CALIPER DIMENSION AS SHOWN ON THE TREE SUMMARY TABLES, UNLESS OTHERWISE SHOWN. (SEE DETAIL PR-1)
- EXACT LOCATION OF THVF USED FOR TREE PROTECTION TO BE DETERMINED BY THE ENGINEER.

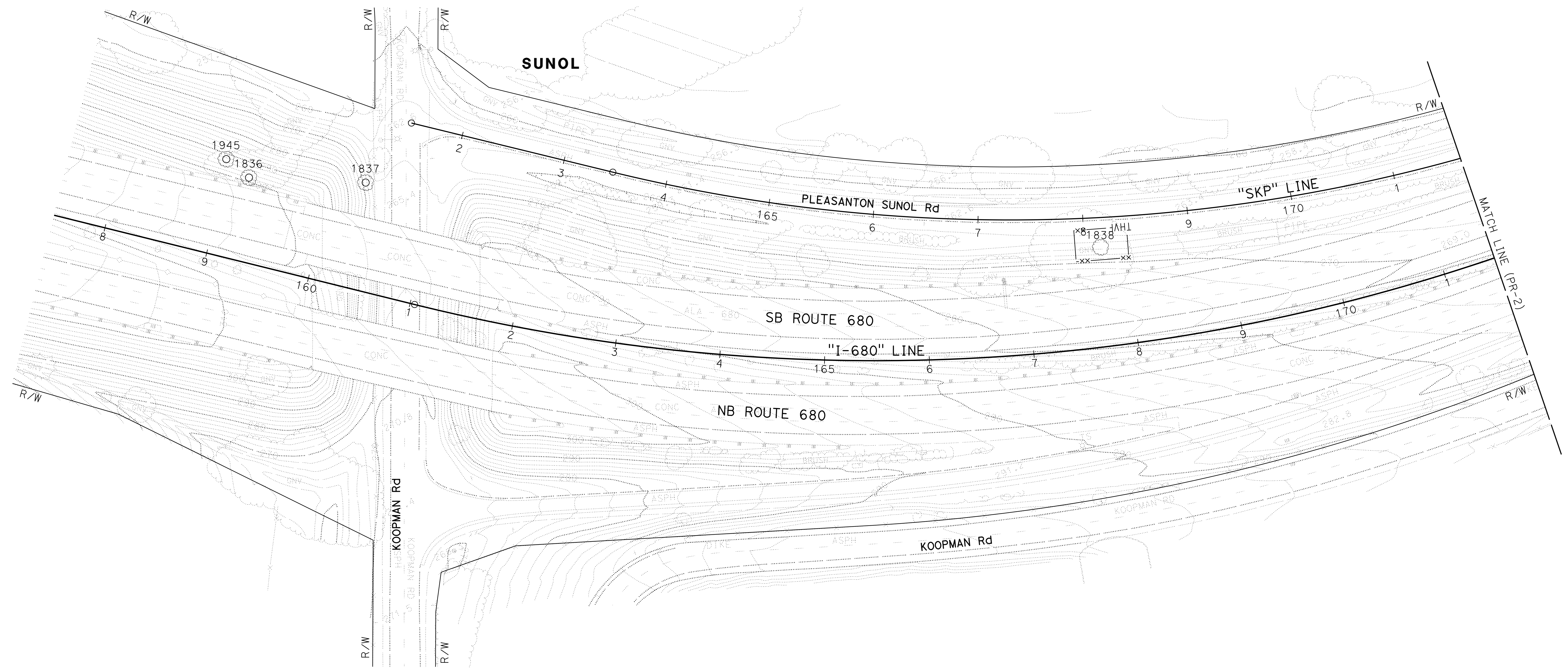
LEGEND:

-  REMOVE EXIST TREE
-  EXIST TREE TO REMAIN
-  EXIST TREE TO REMAIN & TO BE PROTECTED WITH THVF
-  MAINTAIN EXIST PLANTED AREA LIMITS



NOTE: LENGTHS OF THVF MAY BE COMBINED WHEN ENCIRCLING MULTIPLE TREES IN CLOSE PROXIMITY TO EACH OTHER.

TREE PROTECTION (THVF) DETAIL
NO SCALE



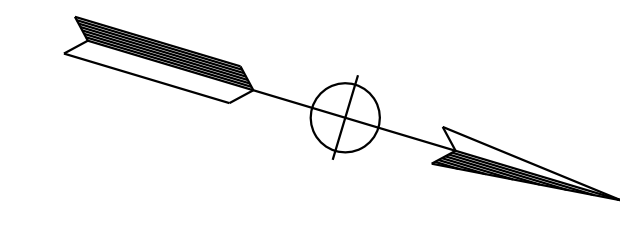
FOR NOTES, ABBREVIATION AND LEGEND, SEE SHEET PR-1

PLANT REMOVAL PLAN
SCALE: 1" = 50'
PR-1

APPROVED FOR PLANTING WORK ONLY

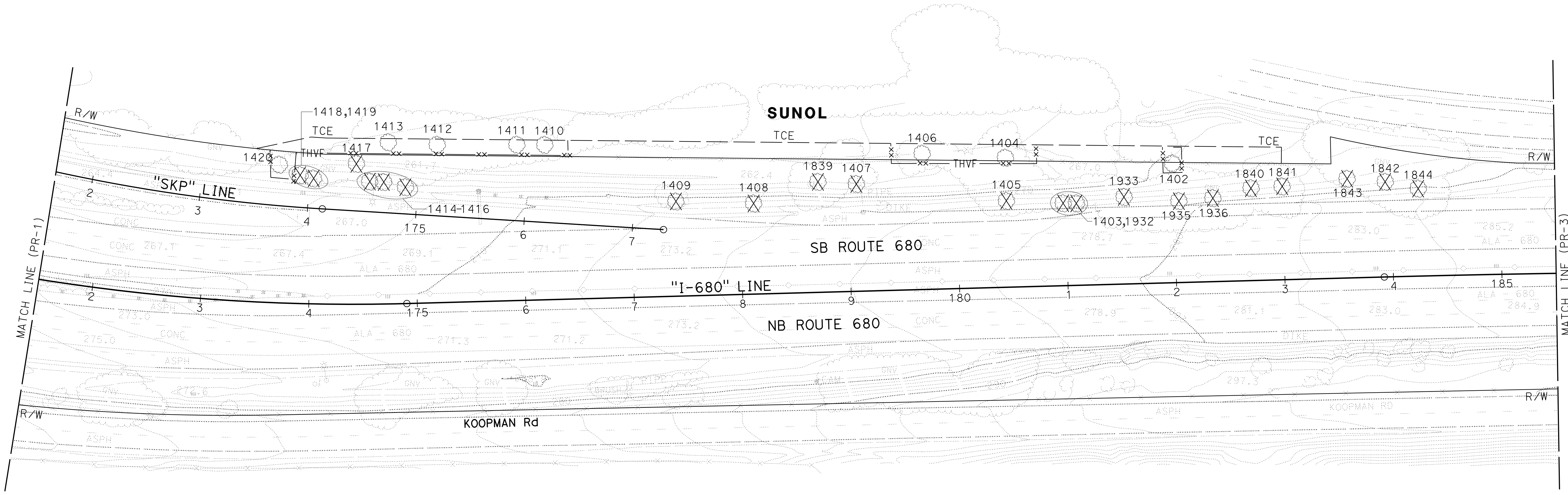
O:\00300\DRAWING\FINAL_P&E\0420000235se001.dgn
 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 CONSULTANT: FUNCTIONAL SUPERVISOR
 ABHIJEET R. BHOI
 CALCULATED/DESIGNED BY
 CHECKED BY
 BENJAMIN DEMONBREUN
 TIANHUA SUN
 REVISED BY
 DATE REVISED
 9-29-21
 BO

NOTE:
FOR ACCURATE RIGHT OF WAY DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	1034	1710
			9-29-21		
REGISTERED CIVIL ENGINEER			DATE		
October 8, 2021			PLANS APPROVAL DATE		
AECOM 4 N. Second Street Suite 675 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		

DESIGNED BY	ABHIJEET R. BHOI						
CHECKED BY	BENJAMIN DEMONBREUN						
REVISIONS	<table border="1"> <tr> <th>NO.</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> <tr> <td>1</td> <td>9-29-21</td> <td>BD</td> </tr> </table>	NO.	DATE	DESCRIPTION	1	9-29-21	BD
NO.	DATE	DESCRIPTION					
1	9-29-21	BD					
CONSULTANT SUPERVISOR	ABHIJEET R. BHOI						
FUNCTIONAL SUPERVISOR	ABHIJEET R. BHOI						
DESIGNED BY	ABHIJEET R. BHOI						
CHECKED BY	BENJAMIN DEMONBREUN						
REVISIONS	<table border="1"> <tr> <th>NO.</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> <tr> <td>1</td> <td>9-29-21</td> <td>BD</td> </tr> </table>	NO.	DATE	DESCRIPTION	1	9-29-21	BD
NO.	DATE	DESCRIPTION					
1	9-29-21	BD					
DESIGNED BY	ABHIJEET R. BHOI						
CHECKED BY	BENJAMIN DEMONBREUN						
REVISIONS	<table border="1"> <tr> <th>NO.</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> <tr> <td>1</td> <td>9-29-21</td> <td>BD</td> </tr> </table>	NO.	DATE	DESCRIPTION	1	9-29-21	BD
NO.	DATE	DESCRIPTION					
1	9-29-21	BD					

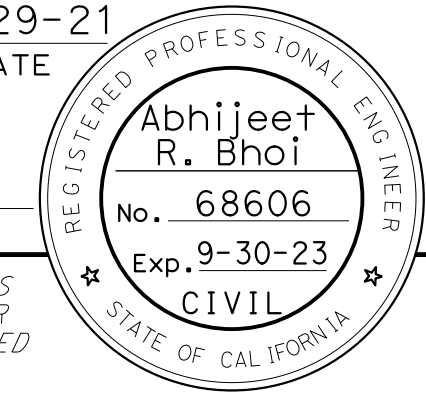


FOR NOTES, ABBREVIATION AND
LEGEND, SEE SHEET PR-1

PLANT REMOVAL PLAN
SCALE: 1" = 50'
PR-2

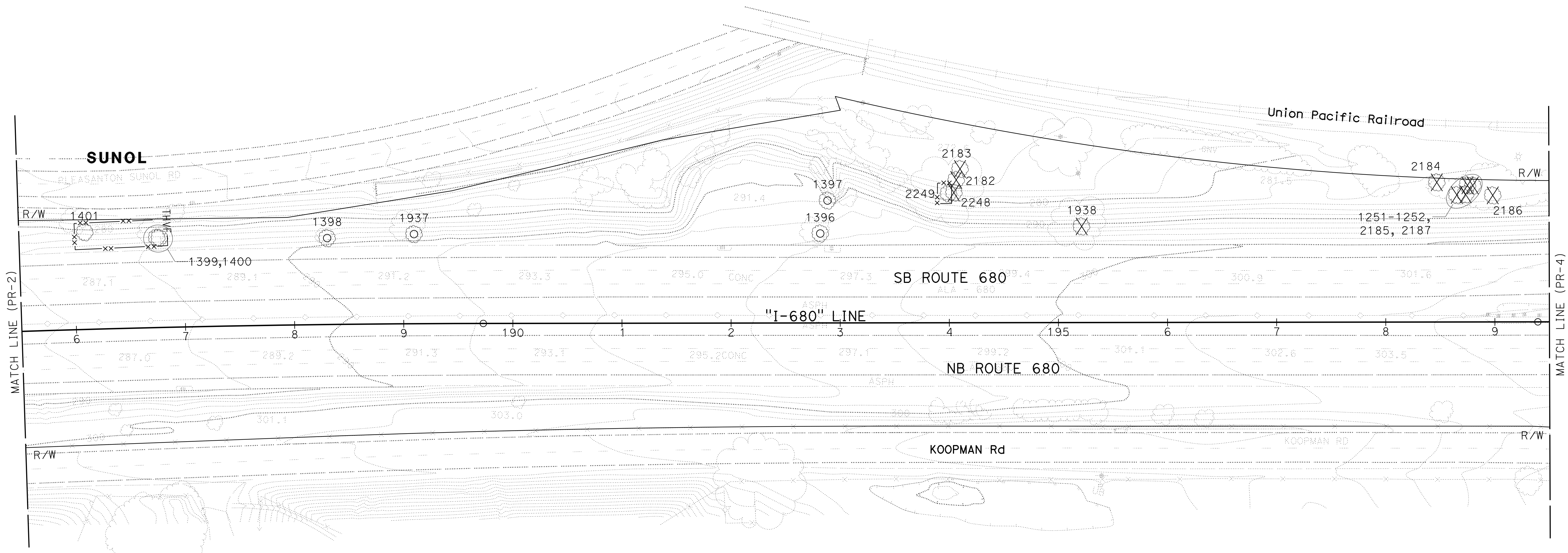
APPROVED FOR PLANTING WORK ONLY

LAST REVISION: 09-29-21 DATE PLOTTED => 8-MAR-2022 TIME PLOTTED => 11:08

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	1035	1710
			9-29-21		
REGISTERED CIVIL ENGINEER			DATE		
October 8, 2021			PLANS APPROVAL DATE		
					
AECOM 4 N. Second Street Suite 675 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		

NOTE:
FOR ACCURATE RIGHT OF WAY DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

BD	9-29-21	BENJAMIN DEMONBREUN	TIANHUA SUN	ABHIJEET R. BHOI
REVISOR	DATE	DESIGNED BY	CHECKED BY	CONSULTANT SUPERVISOR



FOR NOTES, ABBREVIATION AND
LEGEND, SEE SHEET PR-1

PLANT REMOVAL PLAN
SCALE: 1" = 50'
PR-3

APPROVED FOR PLANTING WORK ONLY

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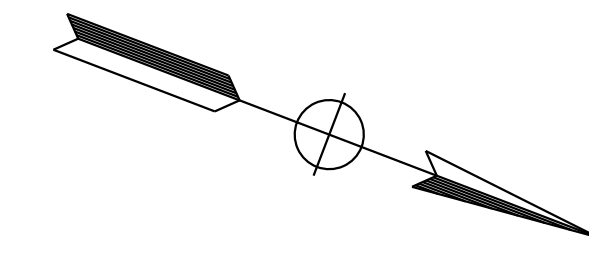
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION



LAST REVISION: DATE PLOTTED => 8-MAR-2022 09-29-21 TIME PLOTTED => 11:09

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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 CONSULTANT FUNCTIONAL SUPERVISOR: ABHIJEET R. BHOI
 CALCULATED/DESIGNED BY: BENJAMIN DEMONBREUN
 CHECKED BY: TIANHUA SUN
 REVISOR: BD
 DATE: 9-29-21

NOTE:
 FOR ACCURATE RIGHT OF WAY DATA, CONTACT
 RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



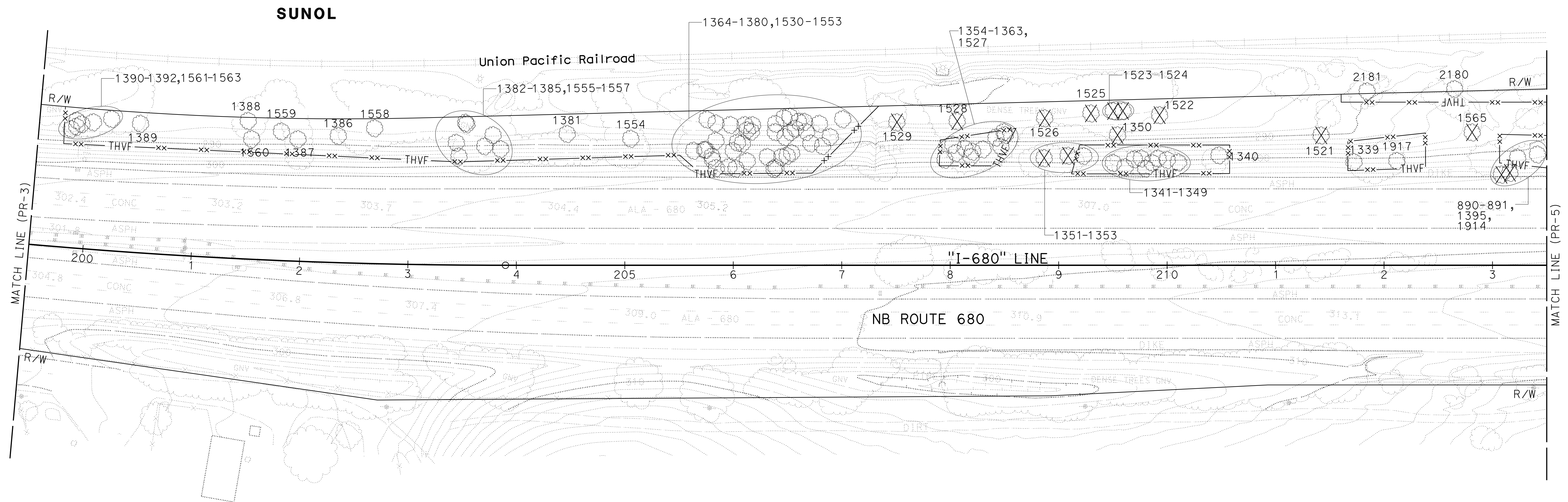
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	1036	1710

REGISTERED CIVIL ENGINEER: **ARBhoi**
 DATE: 9-29-21
 PLANS APPROVAL DATE: October 8, 2021

REGISTERED PROFESSIONAL ENGINEER
Abhijeet R. Bhoi
 No. 68606
 Exp. 9-30-23
 CIVIL
 STATE OF CALIFORNIA

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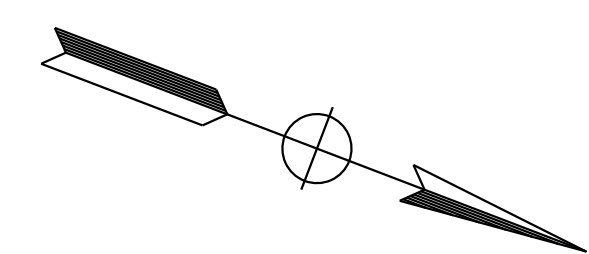


FOR NOTES, ABBREVIATION AND
 LEGEND, SEE SHEET PR-1

PLANT REMOVAL PLAN
 SCALE: 1" = 50'
PR-4

APPROVED FOR PLANTING WORK ONLY

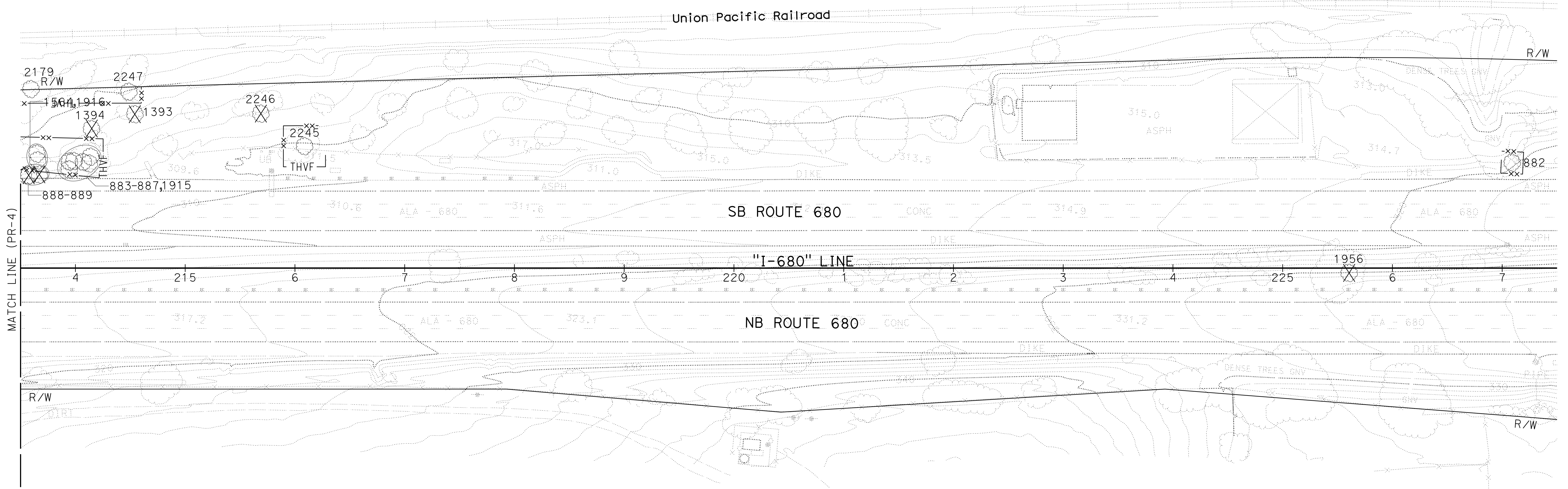
NOTE:
FOR ACCURATE RIGHT OF WAY DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	1037	1710
			9-29-21		
REGISTERED CIVIL ENGINEER			DATE		
October 8, 2021			PLANS APPROVAL DATE		
AECOM 4 N. Second Street Suite 675 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		

BD	9-29-21	BENJAMIN DEMONBREUN	TIANHUA SUN	ABHIJEET R. BHOI	CONSULTANT FUNCTIONAL SUPERVISOR	ABHIJEET R. BHOI	CONSULTANT FUNCTIONAL SUPERVISOR	ABHIJEET R. BHOI	CONSULTANT FUNCTIONAL SUPERVISOR
REVISOR	DATE	DESIGNED BY	CHECKED BY	DESIGNED BY	CHECKED BY	DESIGNED BY	CHECKED BY	DESIGNED BY	CHECKED BY

SUNOL



FOR NOTES, ABBREVIATION AND
LEGEND, SEE SHEET PR-1

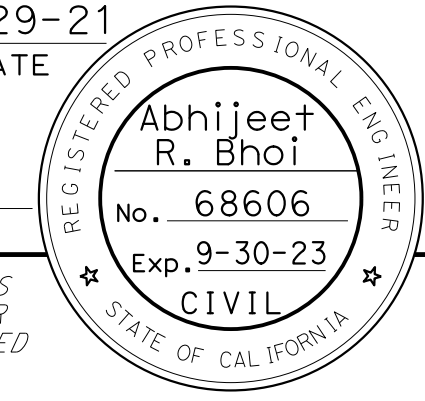
PLANT REMOVAL PLAN
SCALE: 1" = 50'
PR-5

APPROVED FOR PLANTING WORK ONLY

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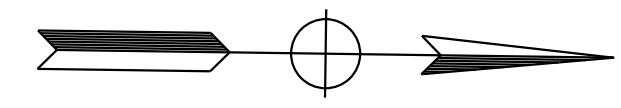


LAST REVISION DATE PLOTTED => 8-MAR-2022 09-29-21 TIME PLOTTED => 11:09

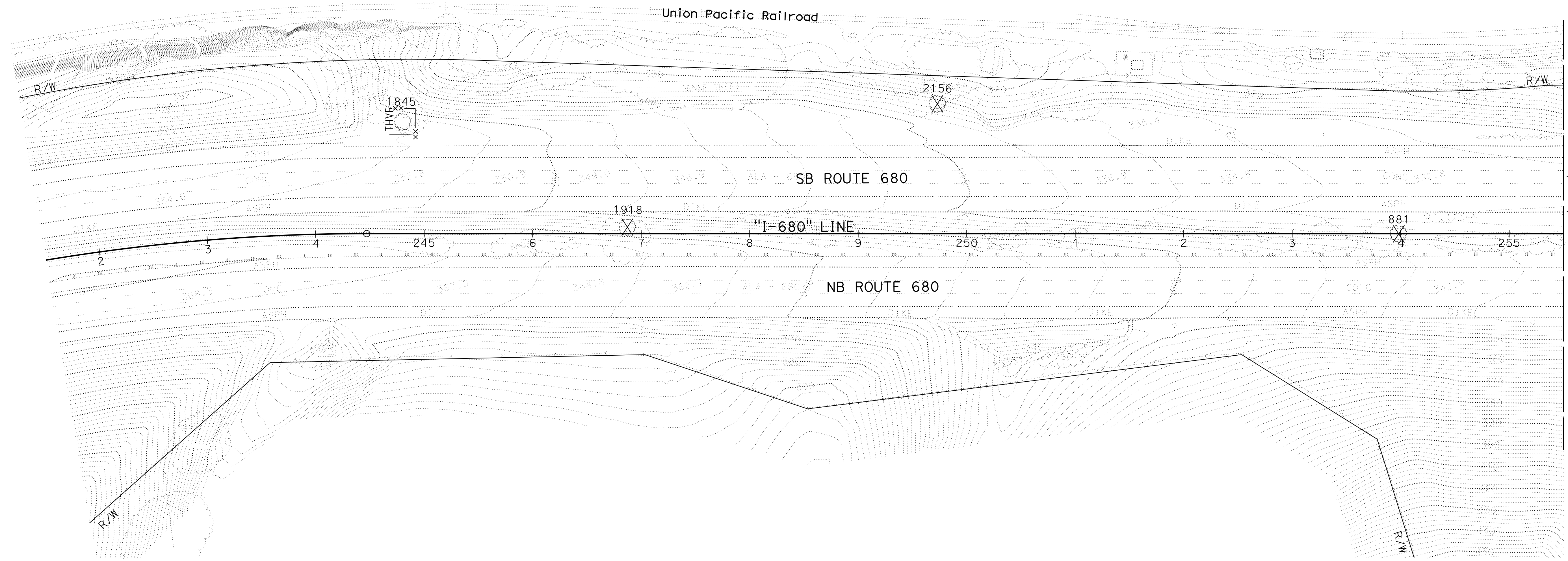
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	1038	1710
			9-29-21		
REGISTERED CIVIL ENGINEER			DATE		
October 8, 2021			PLANS APPROVAL DATE		
					
AECOM 4 N. Second Street Suite 675 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		

NOTE:
FOR ACCURATE RIGHT OF WAY DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

BD	9-29-21
REVISOR	DATE
BENJAMIN DEMONBREUN	TIANHUA SUN
CALCULATED-DESIGNED BY	CHECKED BY
ABHIJEET R. BHOI	
CONSULTANT FUNCTIONAL SUPERVISOR	
DEPARTMENT OF TRANSPORTATION	
STATE OF CALIFORNIA	



SUNOL



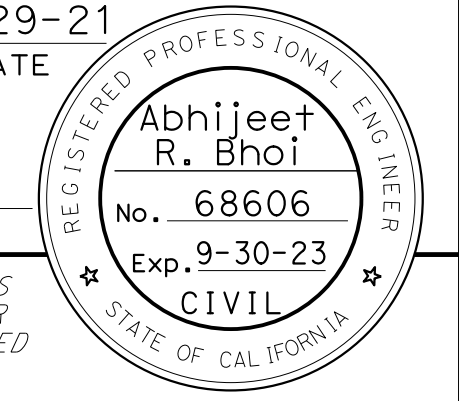
FOR NOTES, ABBREVIATION AND
LEGEND, SEE SHEET PR-1

PLANT REMOVAL PLAN
SCALE: 1" = 50'
PR - 6

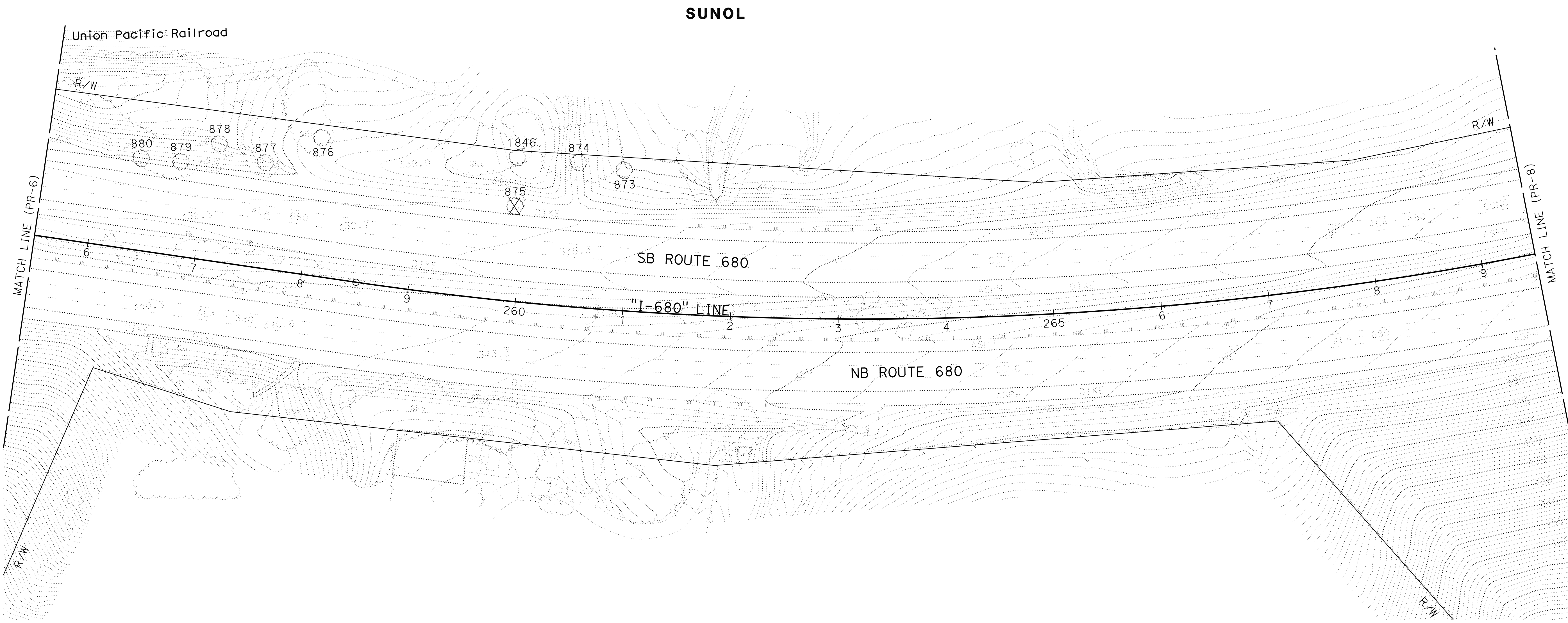
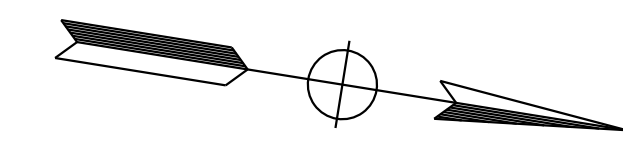
APPROVED FOR PLANTING WORK ONLY

LAST REVISION DATE PLOTTED => 8-MAR-2022 09-29-21 TIME PLOTTED => 11:09

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	1039	1710
			REGISTERED CIVIL ENGINEER	DATE	
			Abhijeet R. Bhoi	9-29-21	
			PLANS APPROVAL DATE		
			October 8, 2021		
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RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



DESIGNED BY	REVISOR	DATE
BENJAMIN DEMONBREUN	BD	9-29-21
CHECKED BY	DESIGNED BY	REVISOR
TIANHUA SUN	BENJAMIN DEMONBREUN	BD
ABHIJEET R. BHOI	CONSULTANT - FUNCTIONAL SUPERVISOR	DATE
	CONSULTANT - FUNCTIONAL SUPERVISOR	DATE
	CONSULTANT - FUNCTIONAL SUPERVISOR	DATE
	CONSULTANT - FUNCTIONAL SUPERVISOR	DATE

FOR NOTES, ABBREVIATION AND
LEGEND, SEE SHEET PR-1

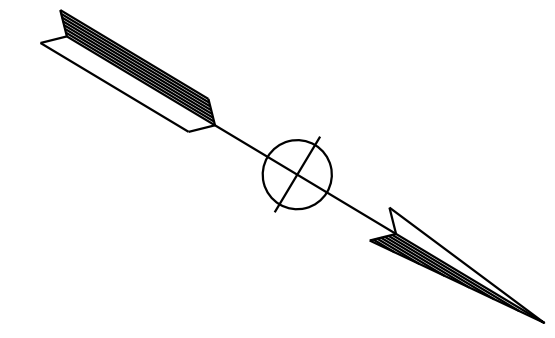
APPROVED FOR PLANTING WORK ONLY

PLANT REMOVAL PLAN
SCALE: 1" = 50'
PR-7

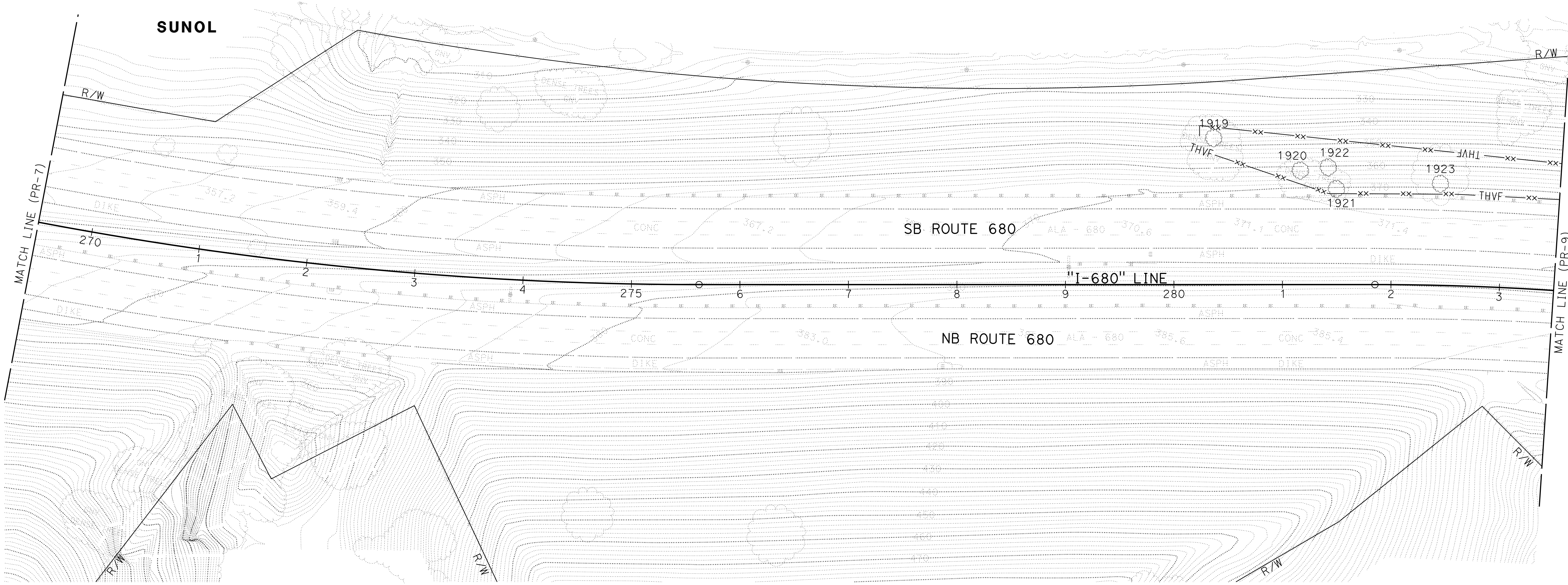
LAST REVISION: 09-29-21 DATE PLOTTED => 8-MAR-2022 TIME PLOTTED => 11:09

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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 CONSULTANT SUPERVISOR: ABHIJEET R. BHOI
 CALCULATED/DESIGNED BY: BENJAMIN DEMONBREUN
 CHECKED BY: TIANHUA SUN
 REVISIONS: 9-29-21
 DATE: 9-29-21
 BY: BD

NOTE:
 FOR ACCURATE RIGHT OF WAY DATA, CONTACT
 RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	1040	1710
			9-29-21		
			REGISTERED CIVIL ENGINEER DATE		
			October 8, 2021		
			PLANS APPROVAL DATE		
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AECOM 4 N. Second Street Suite 675 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		

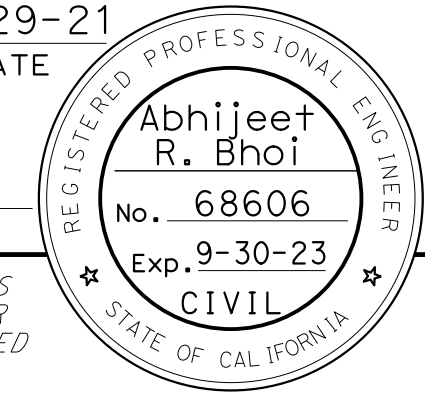


FOR NOTES, ABBREVIATION AND LEGEND, SEE SHEET PR-1

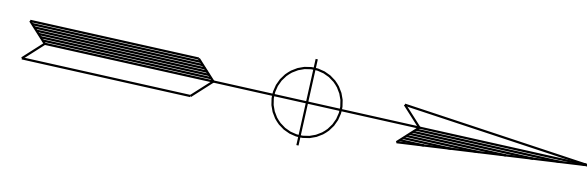
PLANT REMOVAL PLAN
 SCALE: 1" = 50'
PR - 8

APPROVED FOR PLANTING WORK ONLY

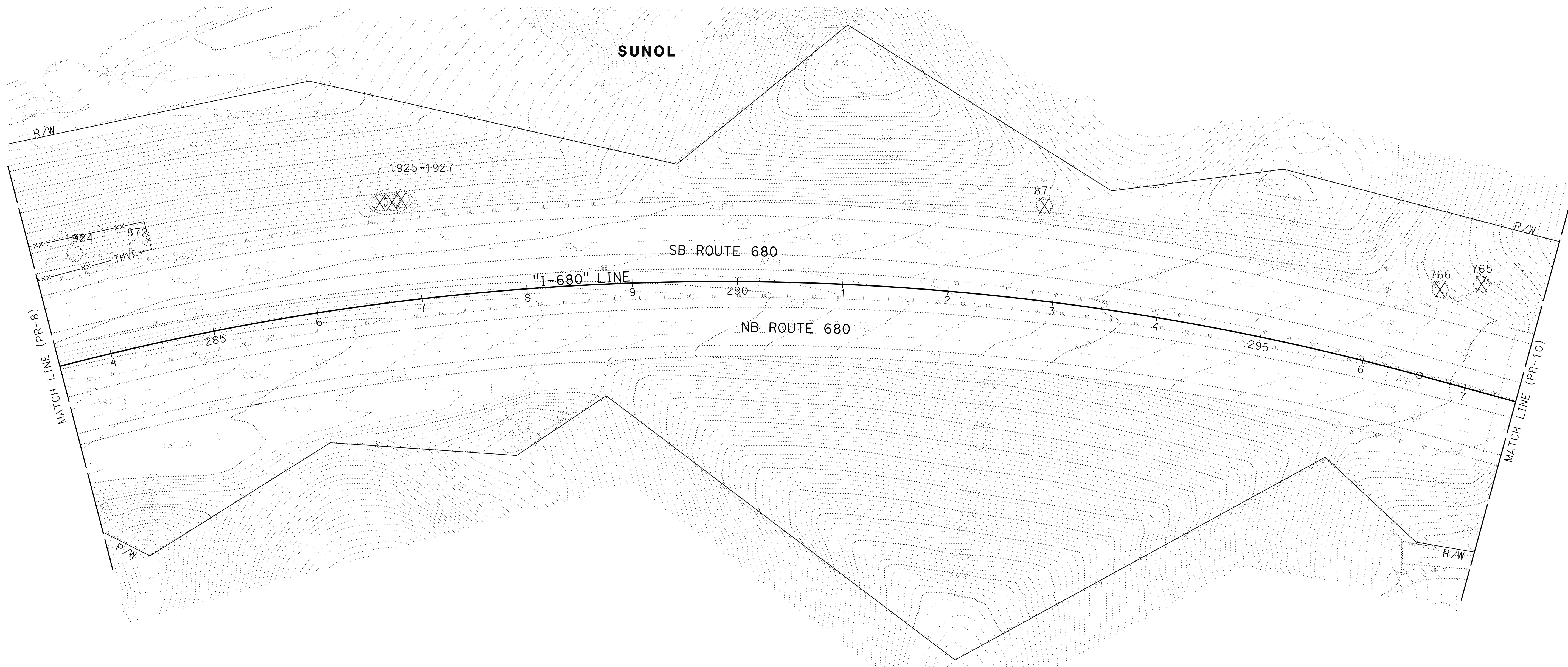
LAST REVISION: DATE PLOTTED => 8-MAR-2022
 09-29-21 TIME PLOTTED => 11:09

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	1041	1710
			9-29-21		
REGISTERED CIVIL ENGINEER			DATE		
October 8, 2021			PLANS APPROVAL DATE		
					
AECOM 4 N. Second Street Suite 675 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		

NOTE:
FOR ACCURATE RIGHT OF WAY DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



BD	9-29-21	BENJAMIN DEMONBREUN	ABHIJEET R. BHOI
REVISOR	DATE	DESIGNED BY	CHECKED BY



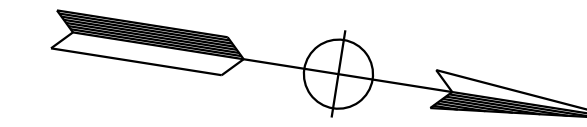
FOR NOTES, ABBREVIATION AND
LEGEND, SEE SHEET PR-1

PLANT REMOVAL PLAN
SCALE: 1" = 50'
PR-9

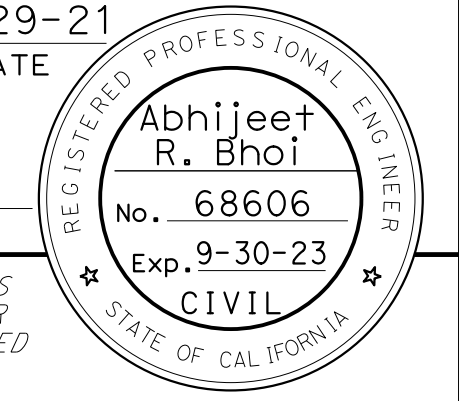
APPROVED FOR PLANTING WORK ONLY

LAST REVISION DATE PLOTTED => 8-MAR-2022 09-29-21 TIME PLOTTED => 11:09

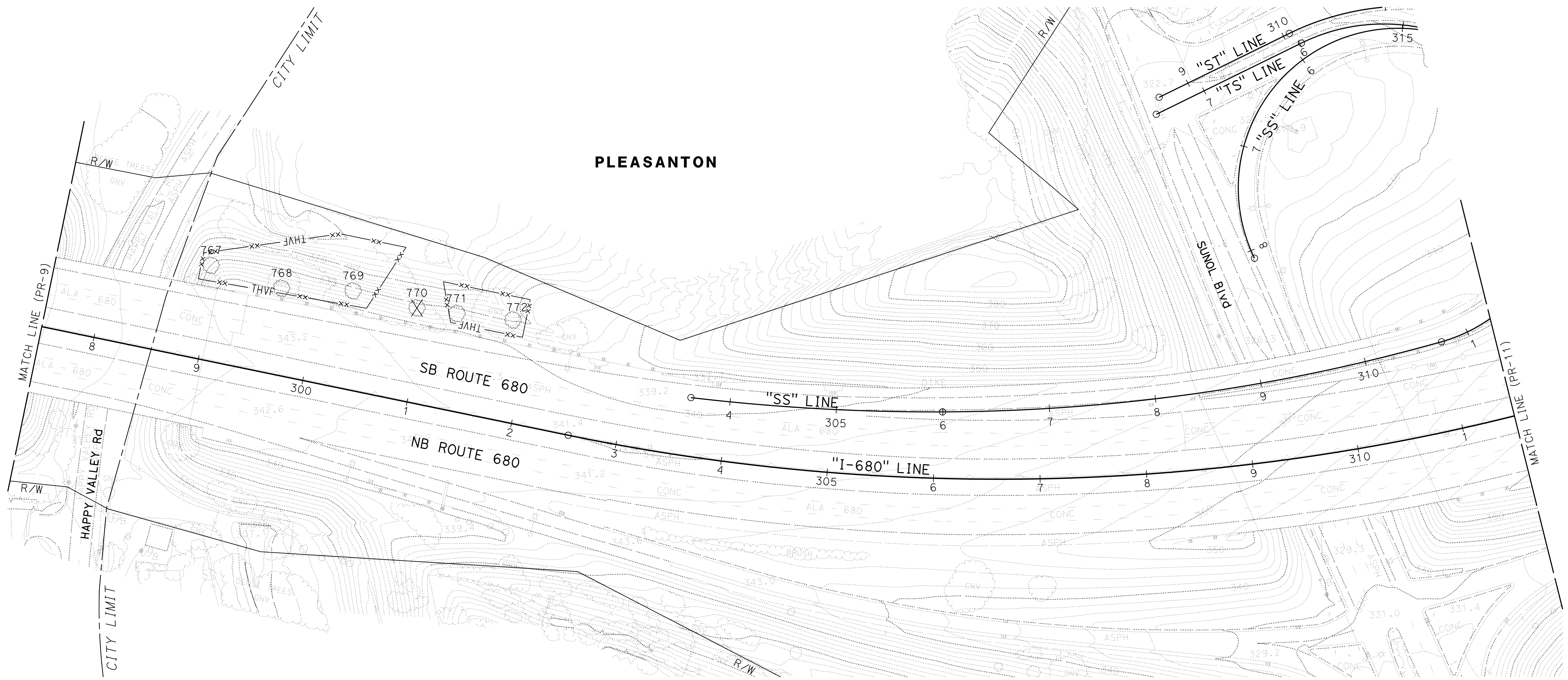
NOTE:
FOR ACCURATE RIGHT OF WAY DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	1042	1710
			9-29-21		
REGISTERED CIVIL ENGINEER			DATE		
			October 8, 2021		
PLANS APPROVAL DATE					
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AECOM 4 N. Second Street Suite 675 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		



DESIGNED BY	REVISOR	DATE
BENJAMIN DEMONBREUN	BD	9-29-21
CHECKED BY	DESIGNED BY	DATE
TIANHUA SUN	ABHIJEET R. BHOI	
CHECKED BY	DESIGNED BY	DATE
ABHIJEET R. BHOI		
CONSULTANT FUNCTIONAL SUPERVISOR	CONSULTANT FUNCTIONAL SUPERVISOR	DATE
DEPARTMENT OF TRANSPORTATION	DEPARTMENT OF TRANSPORTATION	DATE
STATE OF CALIFORNIA	STATE OF CALIFORNIA	DATE



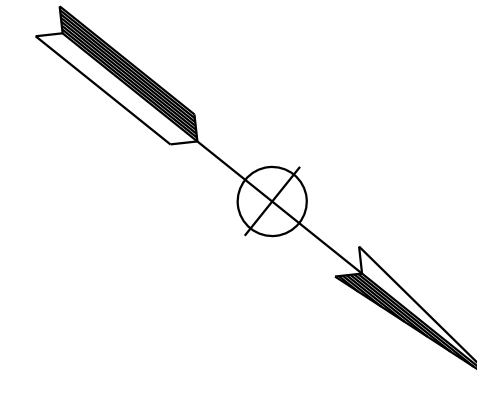
FOR NOTES, ABBREVIATION AND
LEGEND, SEE SHEET PR-1

PLANT REMOVAL PLAN
SCALE: 1" = 50'
PR-10

APPROVED FOR PLANTING WORK ONLY

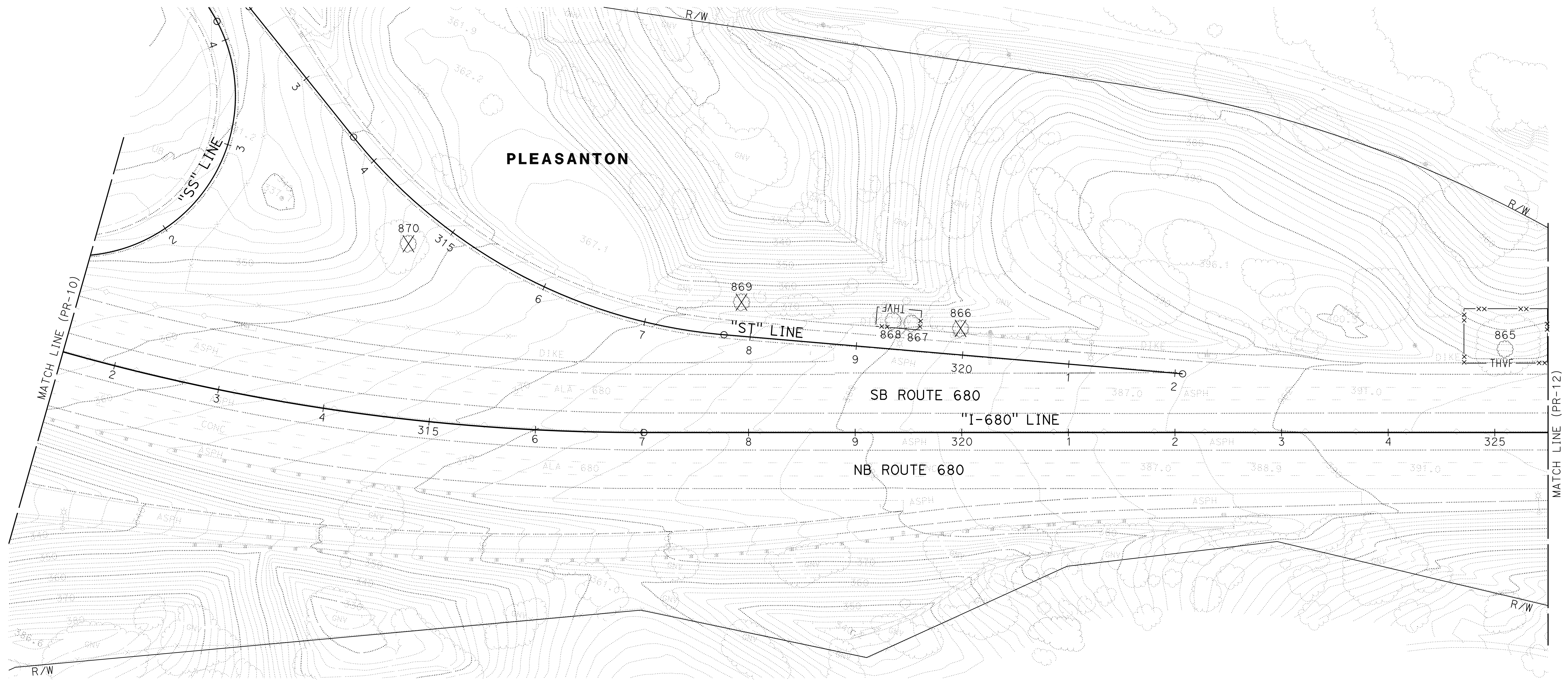
LAST REVISION DATE PLOTTED => 8-MAR-2022 09-29-21 TIME PLOTTED => 11:09

NOTE:
FOR ACCURATE RIGHT OF WAY DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	1043	1710
			9-29-21		
REGISTERED CIVIL ENGINEER			DATE		
October 8, 2021			PLANS APPROVAL DATE		
AECOM 4 N. Second Street Suite 675 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		

BD	9-29-21	BENJAMIN DEMONBREUN	ABHIJEET R. BHOI	CONSULTANT	FUNCTIONAL SUPERVISOR	DESIGNED BY	CHECKED BY	TIANHUA SUN
REVISED BY		DATE REVISED		CALCULATED-		DESIGNED BY		
REVISOR		DATE		SUPERVISOR		CHECKER		
BY				NAME		NAME		
DATE				TITLE		TITLE		
				DEPARTMENT OF TRANSPORTATION		STATE OF CALIFORNIA		



FOR NOTES, ABBREVIATION AND
LEGEND, SEE SHEET PR-1

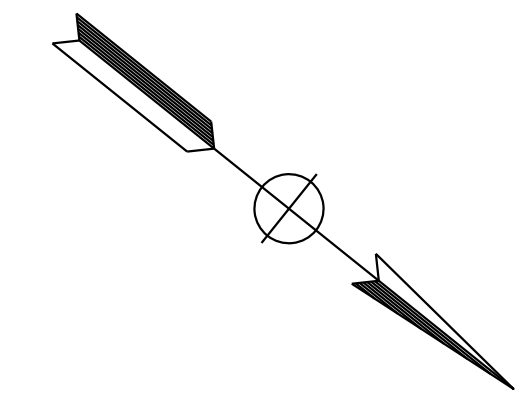
PLANT REMOVAL PLAN
SCALE: 1" = 50'
PR-11

APPROVED FOR PLANTING WORK ONLY

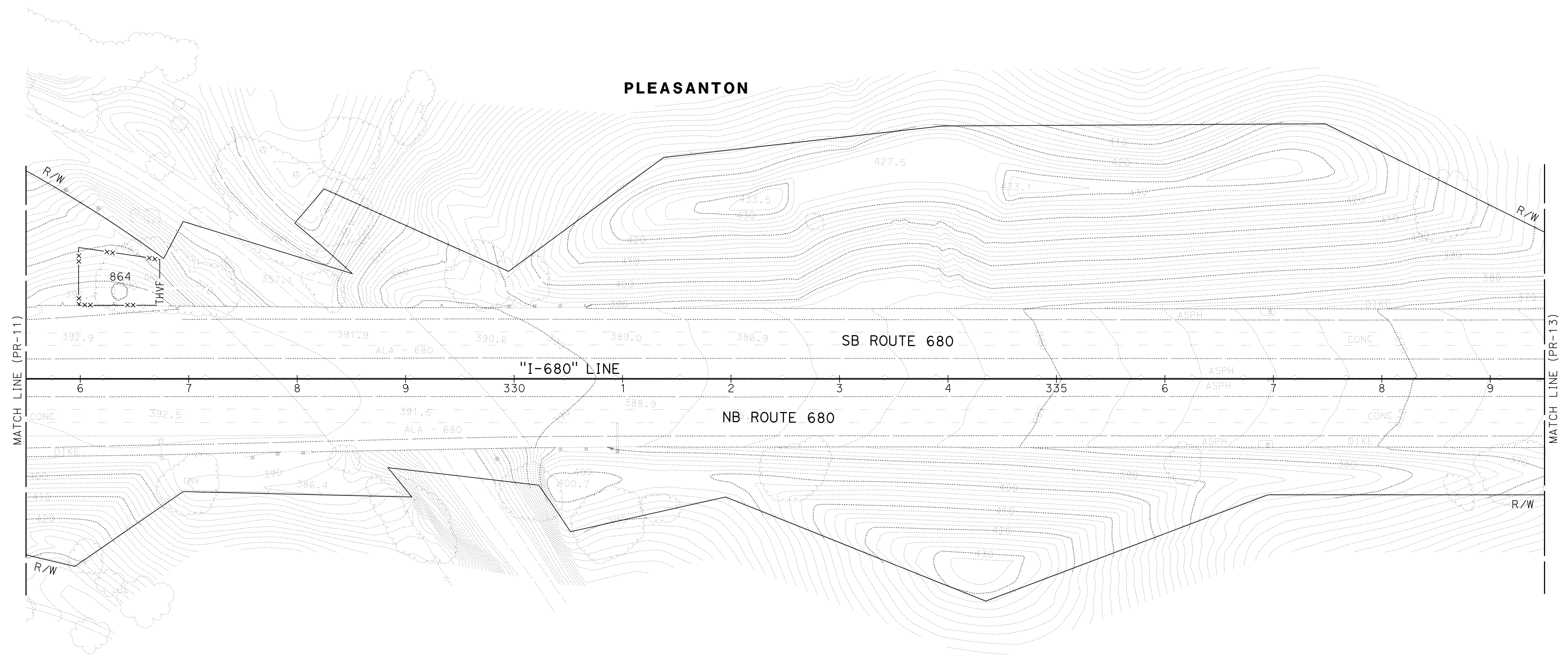
LAST REVISION DATE PLOTTED => 8-MAR-2022
09-29-21 TIME PLOTTED => 11:09

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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 CONSULTANT: ABHIJEET R. BHOI
 SUPERVISOR: ABHIJEET R. BHOI
 DESIGNED BY: ABHIJEET R. BHOI
 CHECKED BY: TIANHUA SUN
 DEMONSTRATED BY: BENJAMIN DEMONBREUN
 REVISIONS: BD 9-29-21
 REVISIONS: DATE REVISIONS: DATE REVISIONS: DATE

NOTE:
 FOR ACCURATE RIGHT OF WAY DATA, CONTACT
 RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	1044	1710
			9-29-21		
REGISTERED CIVIL ENGINEER			DATE		
October 8, 2021			PLANS APPROVAL DATE		
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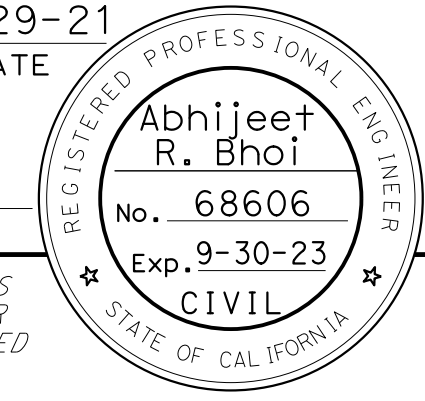
FOR NOTES, ABBREVIATION AND
 LEGEND, SEE SHEET PR-1

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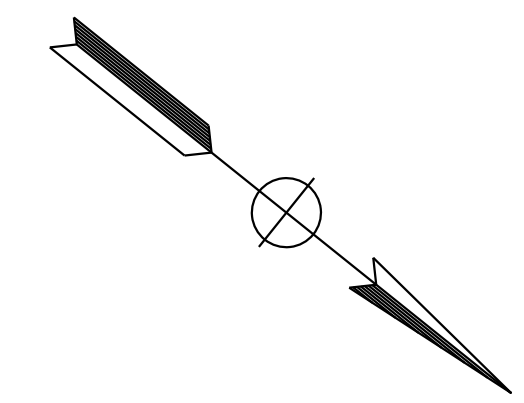
PLANT REMOVAL PLAN
 SCALE: 1" = 50'
PR-12

LAST REVISION: 09-29-21
 DATE PLOTTED => 8-MAR-2022
 TIME PLOTTED => 11:09

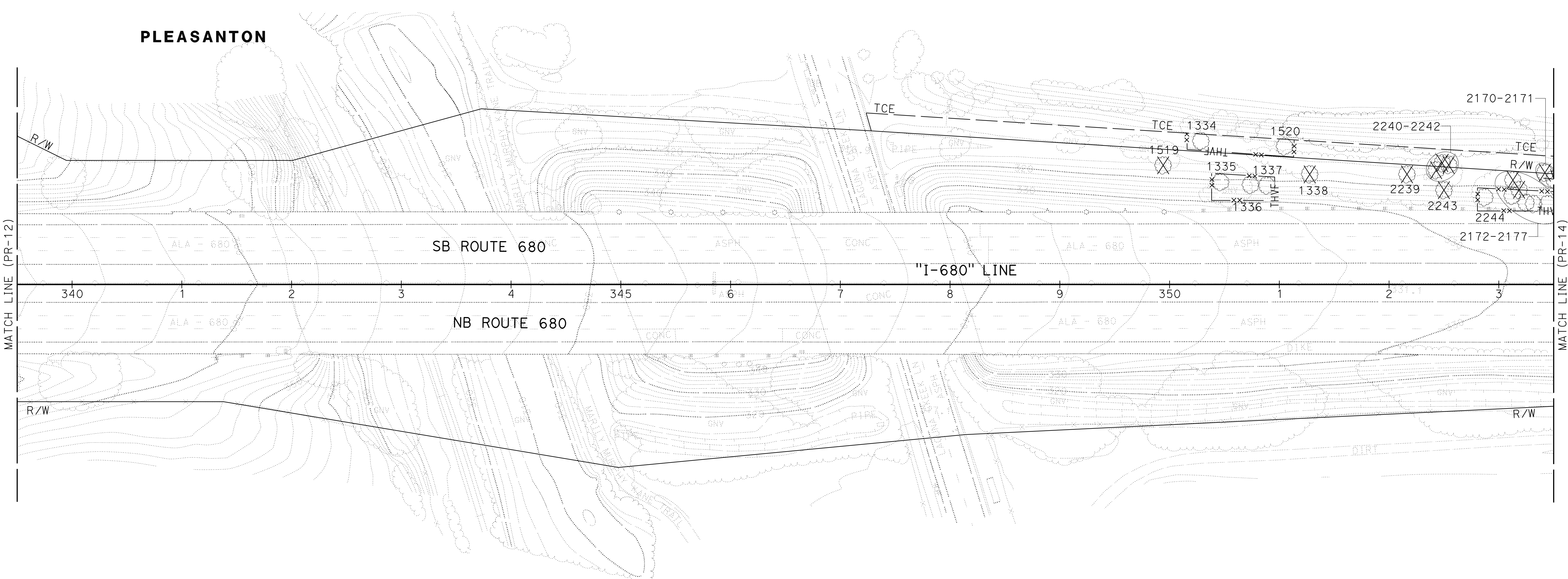
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	1045	1710
			9-29-21		
REGISTERED CIVIL ENGINEER			DATE		
			October 8, 2021		
PLANS APPROVAL DATE					
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AECOM 4 N. Second Street Suite 675 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		



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FOR ACCURATE RIGHT OF WAY DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



CALCULATED- DESIGNED BY	BENJAMIN DEMONBREUN
CHECKED BY	TIANHUA SUN
CONSULTANT FUNCTIONAL SUPERVISOR	ABHIJEET R. BHOI
DEPARTMENT OF TRANSPORTATION	STATE OF CALIFORNIA



FOR NOTES, ABBREVIATION AND
LEGEND, SEE SHEET PR-1

PLANT REMOVAL PLAN
SCALE: 1" = 50'
PR-13

APPROVED FOR PLANTING WORK ONLY

LAST REVISION DATE PLOTTED => 8-MAR-2022
09-29-21 TIME PLOTTED => 11:10

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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 CONSULTANT: FUNCTIONAL SUPERVISOR: ABHIJEET R. BHOI
 CALCULATED/DESIGNED BY: CHECKED BY: TIANHUA SUN
 BENJAMIN DEMONBREUN
 REVISED BY: DATE REVISED: 9-29-21
 BD

NOTE:
 FOR ACCURATE RIGHT OF WAY DATA, CONTACT
 RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

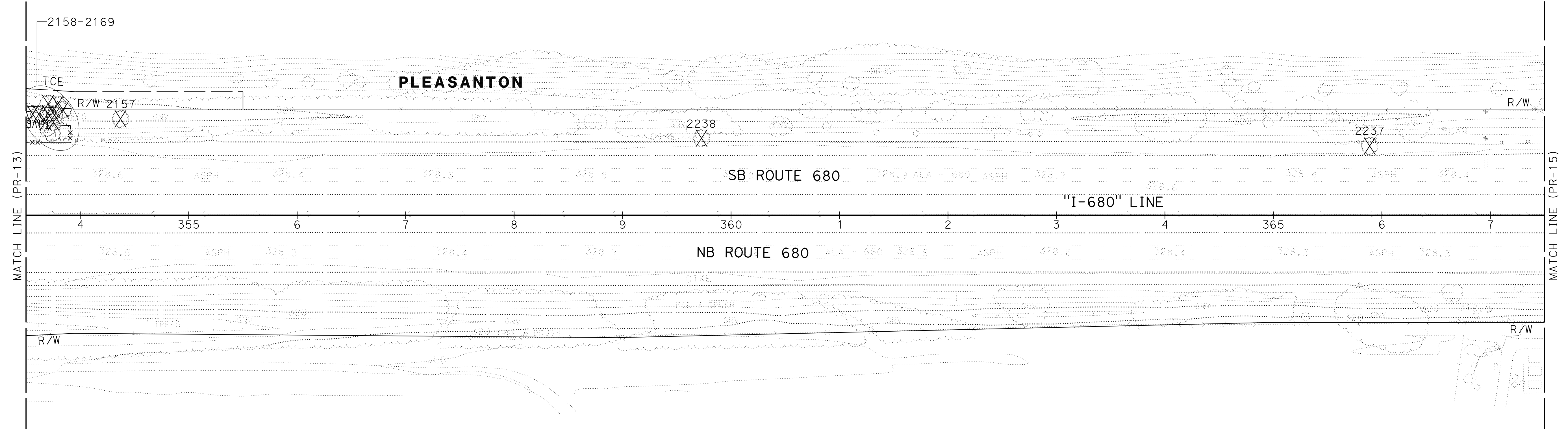
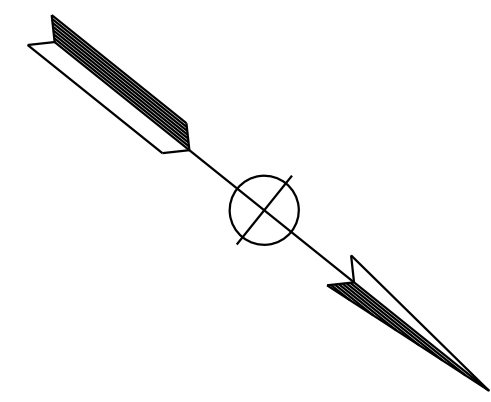
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	1046	1710

REGISTERED CIVIL ENGINEER: **Abhijeet R. Bhoi**
 No. 68606
 Exp. 9-30-23
 CIVIL
 STATE OF CALIFORNIA

9-29-21
 DATE
 October 8, 2021
 PLANS APPROVAL DATE

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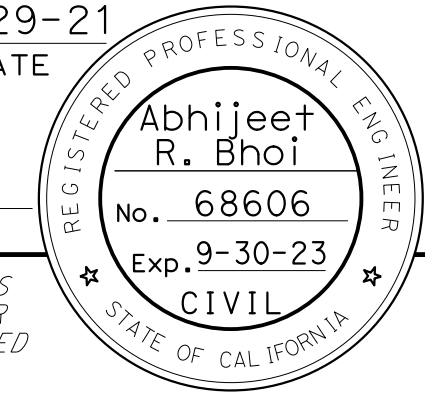


FOR NOTES, ABBREVIATION AND
 LEGEND, SEE SHEET PR-1

PLANT REMOVAL PLAN
 SCALE: 1" = 50'
PR-14

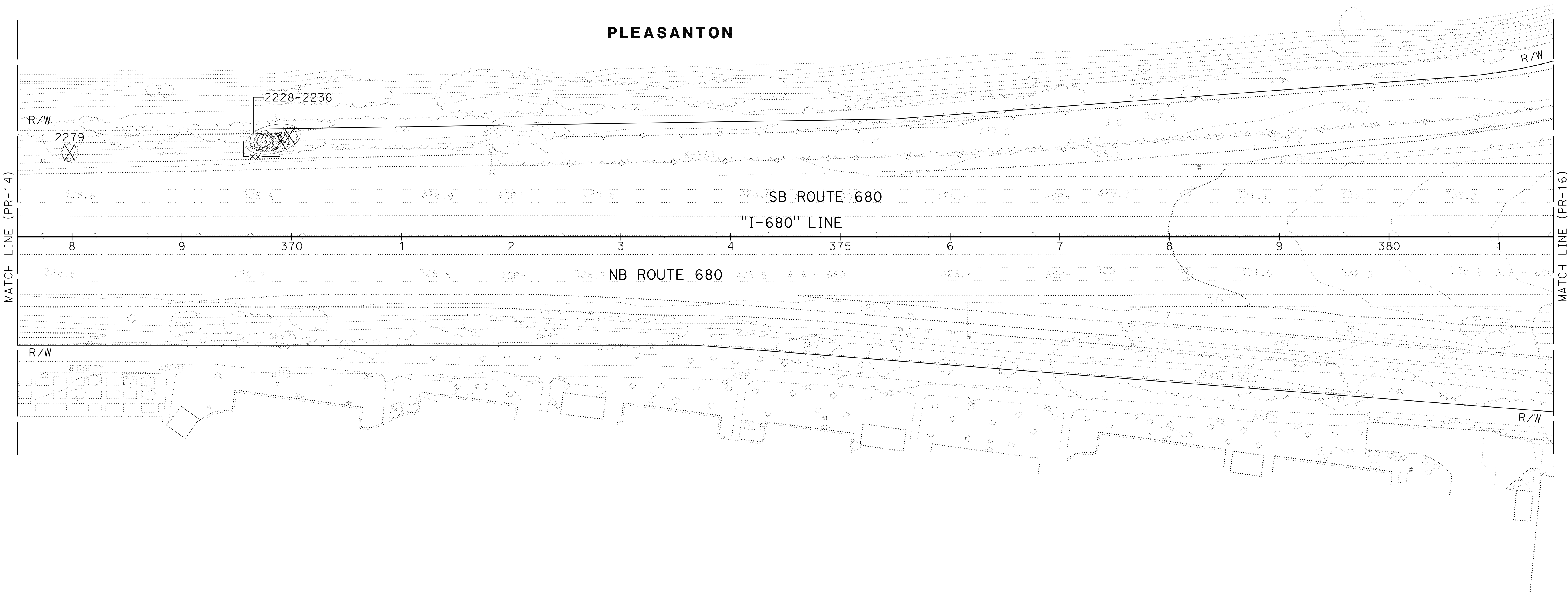
APPROVED FOR PLANTING WORK ONLY

LAST REVISION: 09-29-21
 DATE PLOTTED => 8-MAR-2022
 TIME PLOTTED => 11:10

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	1047	1710
			9-29-21		
REGISTERED CIVIL ENGINEER			DATE		
October 8, 2021			PLANS APPROVAL DATE		
					
AECOM 4 N. Second Street Suite 675 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		

NOTE:
FOR ACCURATE RIGHT OF WAY DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

BO	9-29-21	BENJAMIN DEMONBREUN	TIANHUA SUN	ABHIJEET R. BHOI
REVISOR	DATE	DESIGNED BY	CHECKED BY	CONSULTANT SUPERVISOR



FOR NOTES, ABBREVIATION AND
LEGEND, SEE SHEET PR-1

PLANT REMOVAL PLAN
SCALE: 1" = 50'
PR-15

APPROVED FOR PLANTING WORK ONLY

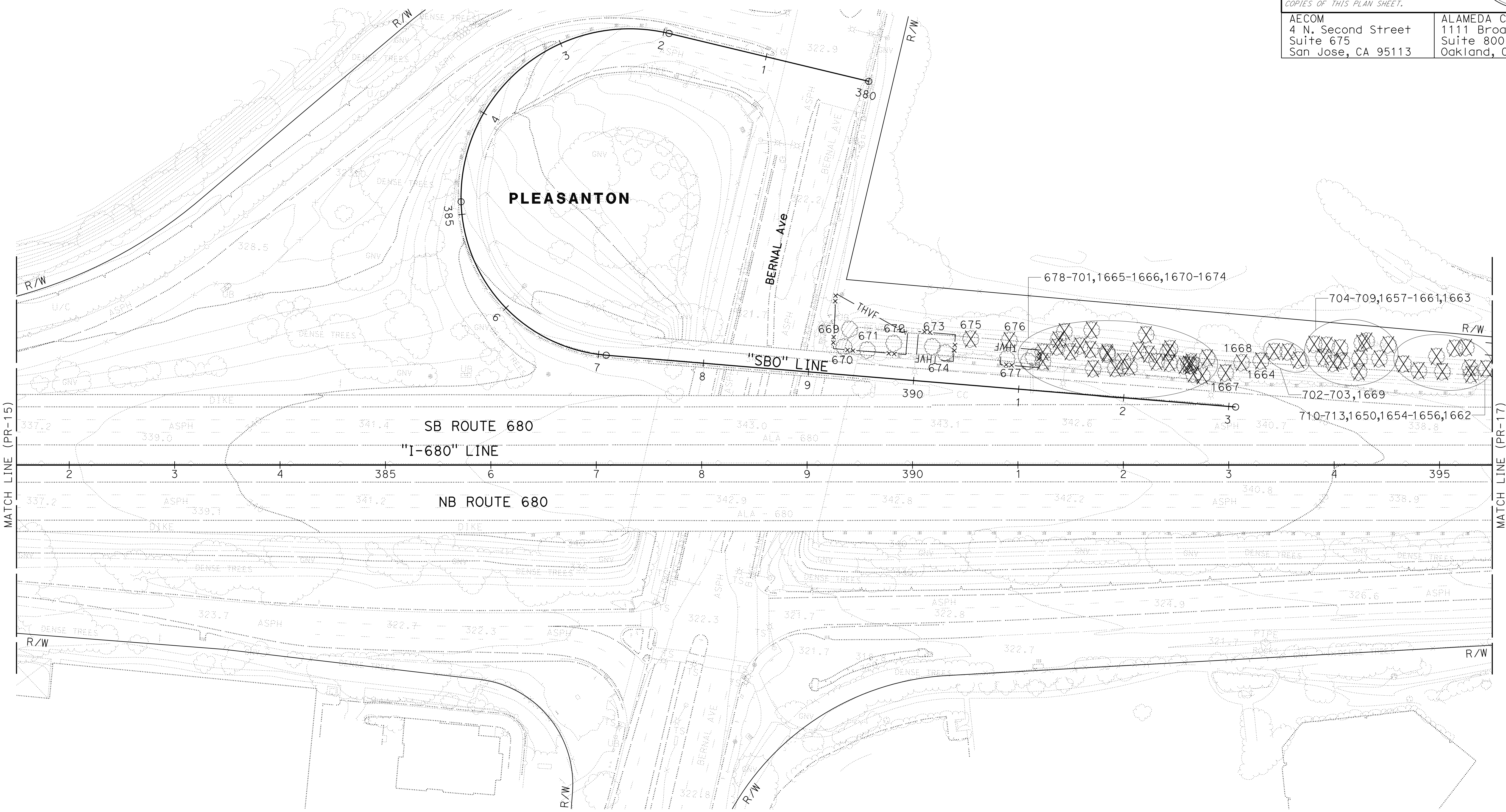
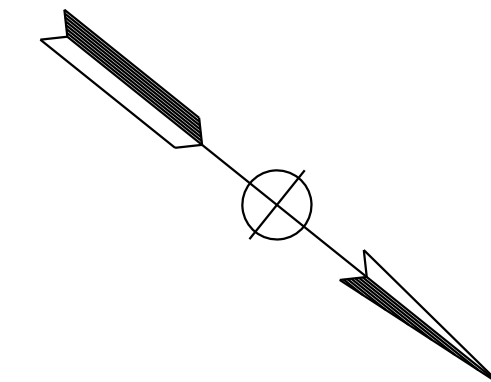
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LAST REVISION DATE PLOTTED => 8-MAR-2022 09-29-21 TIME PLOTTED => 11:10

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	1048	1710
			9-29-21		
REGISTERED CIVIL ENGINEER			DATE		
October 8, 2021			PLANS APPROVAL DATE		
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RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



BD	9-29-21	BENJAMIN DEMONBREUN	TIANHUA SUN	ABHIJEET R. BHOI
REVISOR	DATE	DESIGNER	CHECKER	CONSULTANT
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION				
Caltrans				

FOR NOTES, ABBREVIATION AND
LEGEND, SEE SHEET PR-1

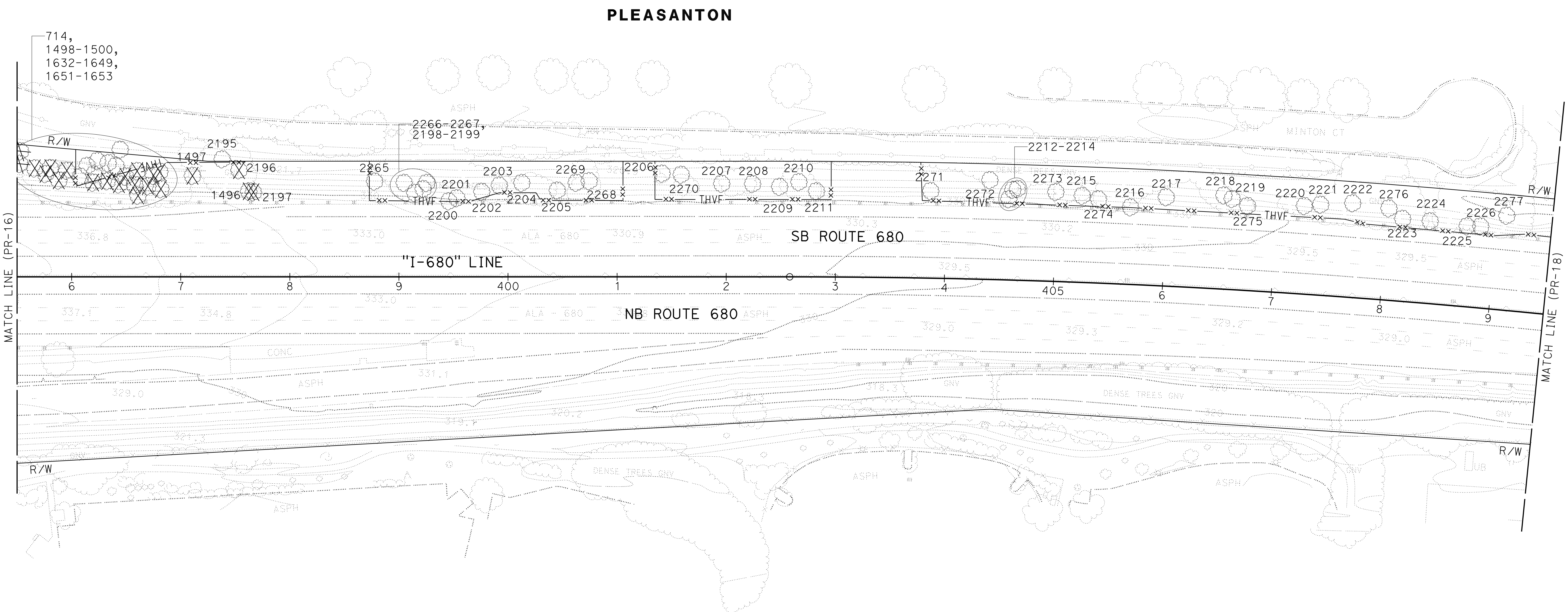
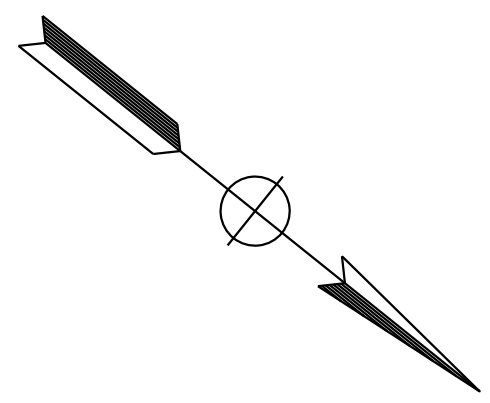
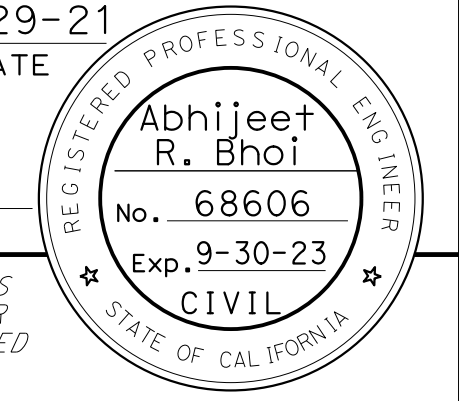
APPROVED FOR PLANTING WORK ONLY

PLANT REMOVAL PLAN
SCALE: 1" = 50'
PR-16

LAST REVISION: DATE PLOTTED => 8-MAR-2022 09-29-21 TIME PLOTTED => 11:10

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	1049	1710
			9-29-21		
REGISTERED CIVIL ENGINEER			DATE		
October 8, 2021			PLANS APPROVAL DATE		
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RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



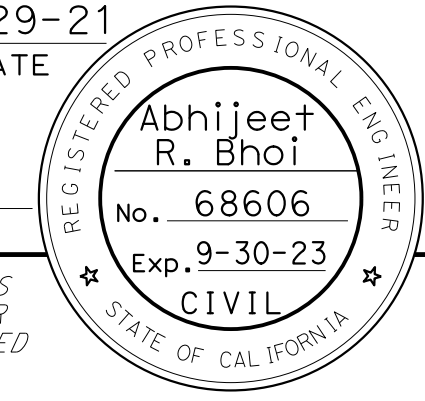
		BD			
		REVISED BY	DATE	REVISED	
			9-29-21		
		BENJAMIN DEMONBREUN		TIANHUA SUN	
		CALCULATED-DESIGNED BY		CHECKED BY	
		CONSULTANT FUNCTIONAL SUPERVISOR			
		ABHIJEET R. BHOI			
		DEPARTMENT OF TRANSPORTATION			
		STATE OF CALIFORNIA			

FOR NOTES, ABBREVIATION AND
LEGEND, SEE SHEET PR-1

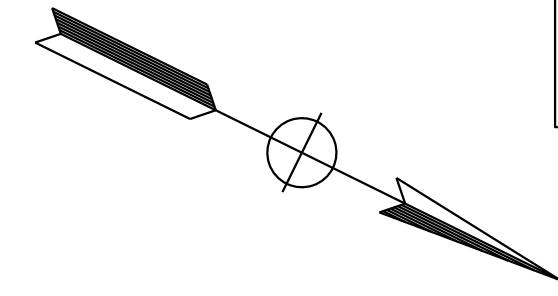
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PLANT REMOVAL PLAN
SCALE: 1" = 50'
PR-17

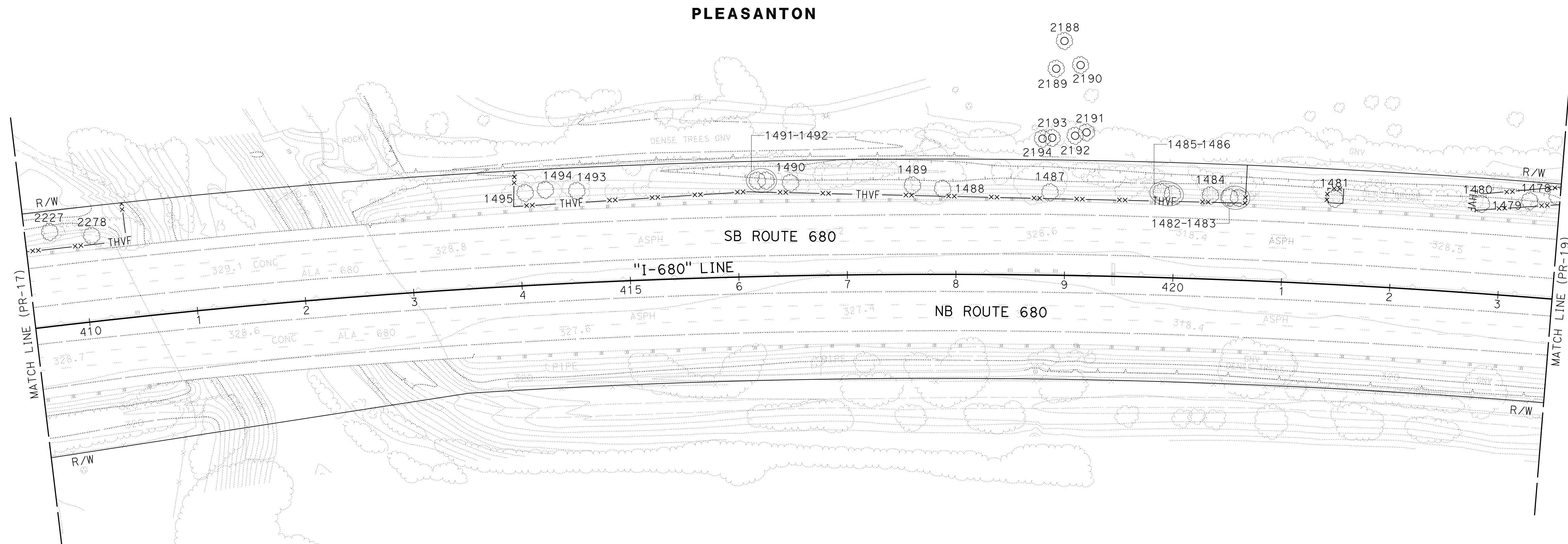
LAST REVISION: 09-29-21 DATE PLOTTED => 8-MAR-2022 TIME PLOTTED => 11:10

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	1050	1710
			9-29-21		
REGISTERED CIVIL ENGINEER			DATE		
October 8, 2021			PLANS APPROVAL DATE		
					
AECOM 4 N. Second Street Suite 675 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		

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RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



BD	9-29-21	BENJAMIN DEMONBREUN	TIANHUA SUN	ABHIJEET R. BHOI
REVISOR	DATE	DESIGNED BY	CHECKED BY	CONSULTANT SUPERVISOR



FOR NOTES, ABBREVIATION AND
LEGEND, SEE SHEET PR-1

PLANT REMOVAL PLAN
SCALE: 1" = 50'
PR-18

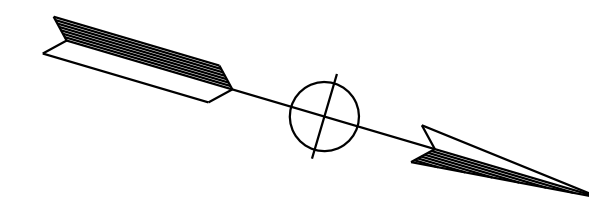
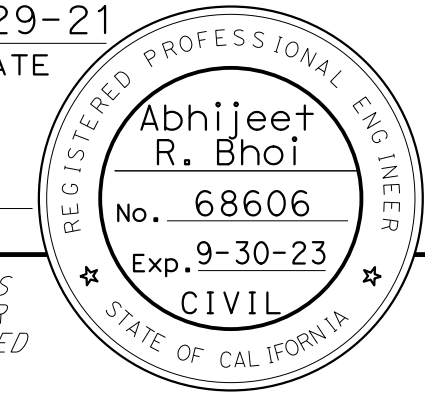
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LAST REVISION: 09-29-21 DATE PLOTTED => 8-MAR-2022 TIME PLOTTED => 11:10

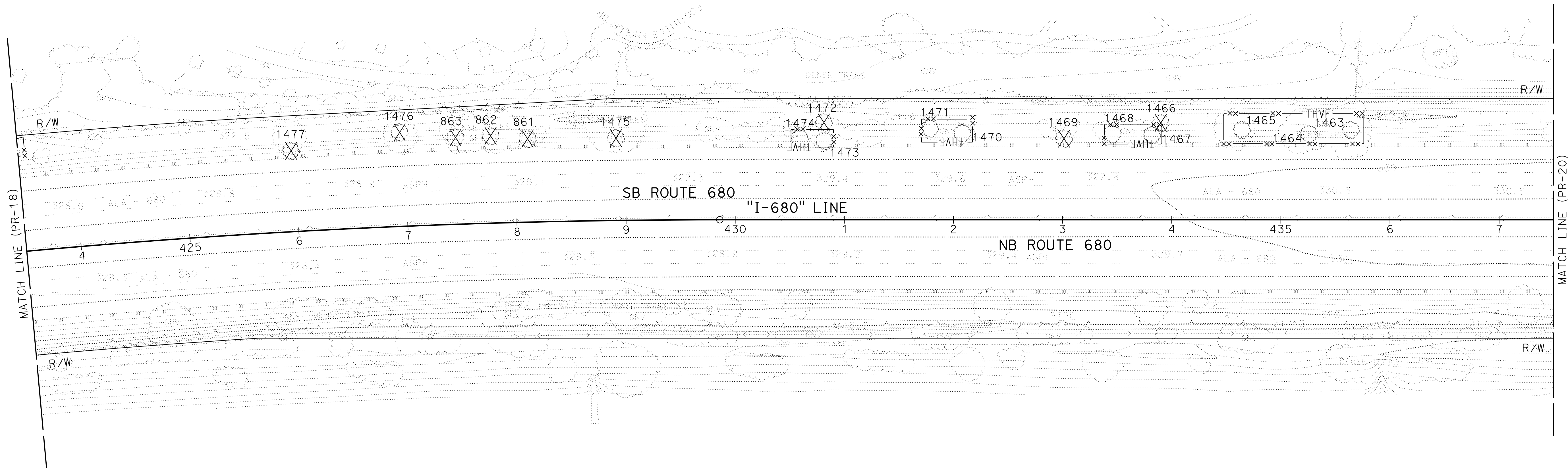
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	1051	1710
			REGISTERED CIVIL ENGINEER	DATE	
			Abhijeet R. Bhoi	9-29-21	
			PLANS APPROVAL DATE		
			October 8, 2021		
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AECOM			ALAMEDA CTC		
4 N. Second Street			1111 Broadway		
Suite 675			Suite 800		
San Jose, CA 95113			Oakland, CA 94607		



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FOR ACCURATE RIGHT OF WAY DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

BO	9-29-21	BENJAMIN DEMONBREUN	TIANHUA SUN	ABHIJEET R. BHOI
REVISOR	DATE	DESIGNED BY	CHECKED BY	CONSULTANT
FUNCTIONAL SUPERVISOR				
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION				
Caltrans				

PLEASANTON

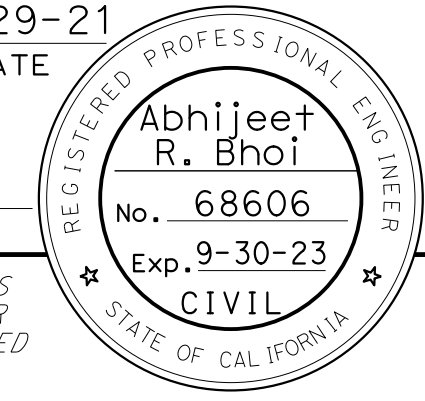


FOR NOTES, ABBREVIATION AND
LEGEND, SEE SHEET PR-1

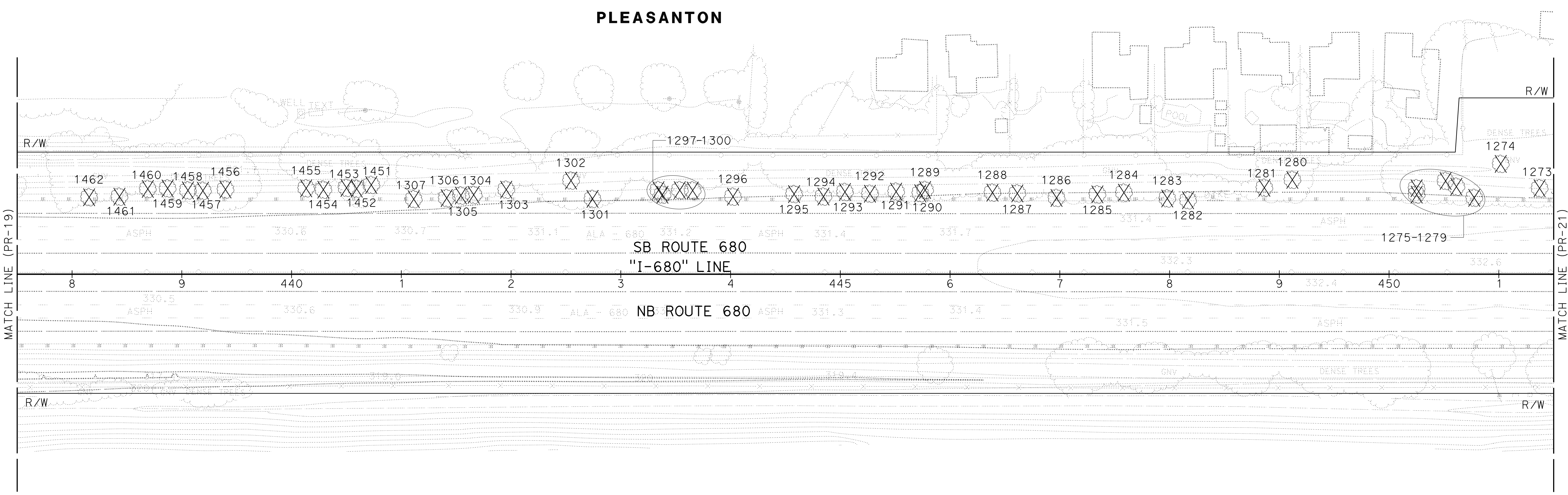
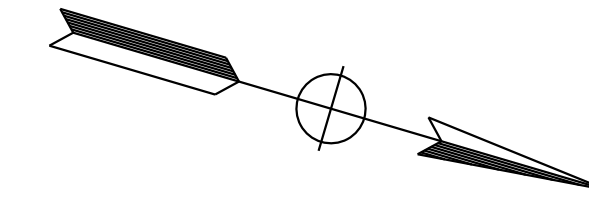
PLANT REMOVAL PLAN
SCALE: 1" = 50'
PR - 19

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LAST REVISION: 09-29-21 DATE PLOTTED => 8-MAR-2022 TIME PLOTTED => 11:10

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	1052	1710
			9-29-21		
REGISTERED CIVIL ENGINEER			DATE		
October 8, 2021			PLANS APPROVAL DATE		
					
AECOM 4 N. Second Street Suite 675 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		

NOTE:
FOR ACCURATE RIGHT OF WAY DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



BO	9-29-21	BENJAMIN DEMONBREUN	TIANHUA SUN
REVISOR	DATE	DESIGNER	CHECKER
ABHIJEET R. BHOI			

FOR NOTES, ABBREVIATION AND
LEGEND, SEE SHEET PR-1

PLANT REMOVAL PLAN
SCALE: 1" = 50'
PR-20

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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 CONSULTANT: FUNCTIONAL SUPERVISOR: ABHIJEET R. BHOI
 CALCULATED/DESIGNED BY: BENJAMIN DEMONBREUN
 CHECKED BY: TIANHUA SUN
 REVISED BY: BD
 DATE REVISED: 9-29-21

NOTE:
 FOR ACCURATE RIGHT OF WAY DATA, CONTACT
 RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	1053	1710

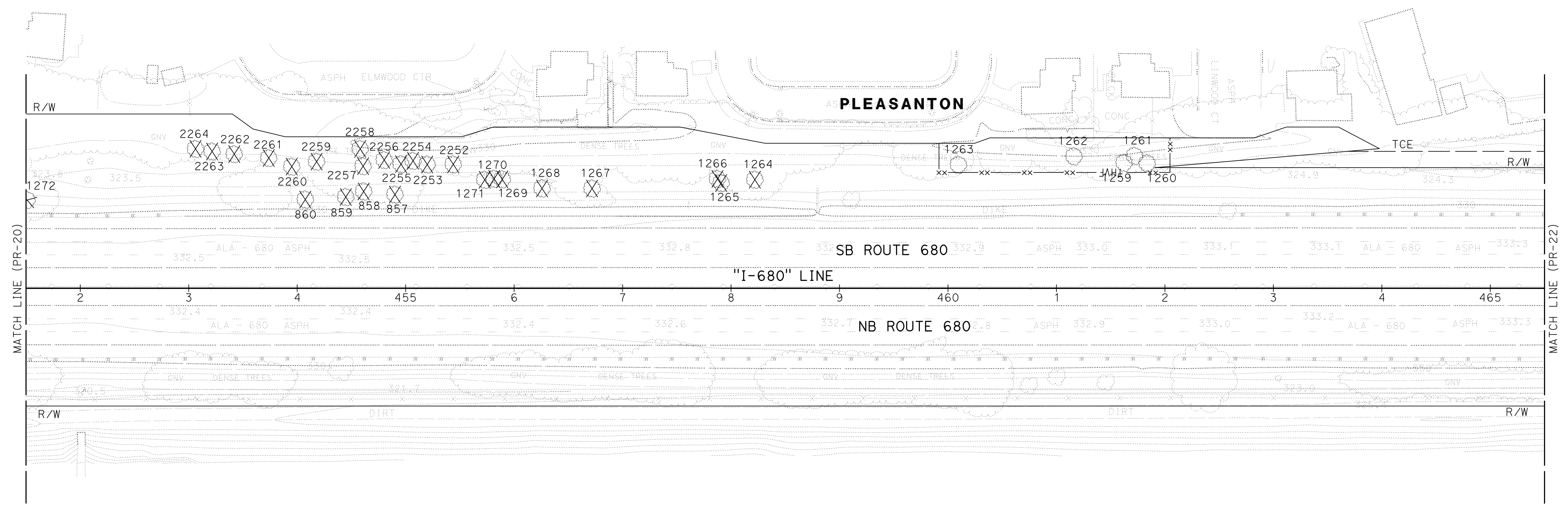
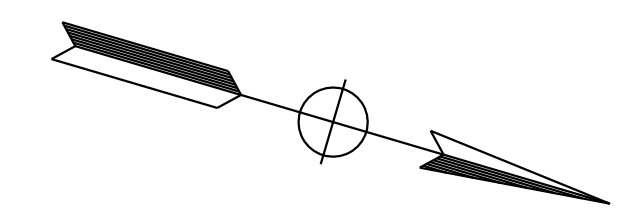
REGISTERED CIVIL ENGINEER: *ARBhoi* DATE: 9-29-21
 October 8, 2021
 PLANS APPROVAL DATE

Abhijeet R. Bhoi
 No. 68606
 Exp. 9-30-23
 CIVIL

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AECOM
 4 N. Second Street
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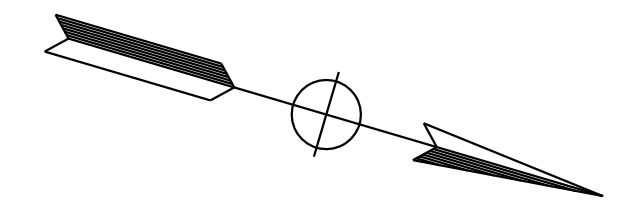
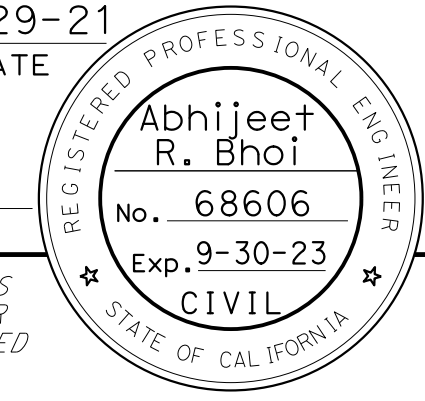
FOR NOTES, ABBREVIATION AND LEGEND, SEE SHEET PR-1

PLANT REMOVAL PLAN
 SCALE: 1" = 50'
PR-21

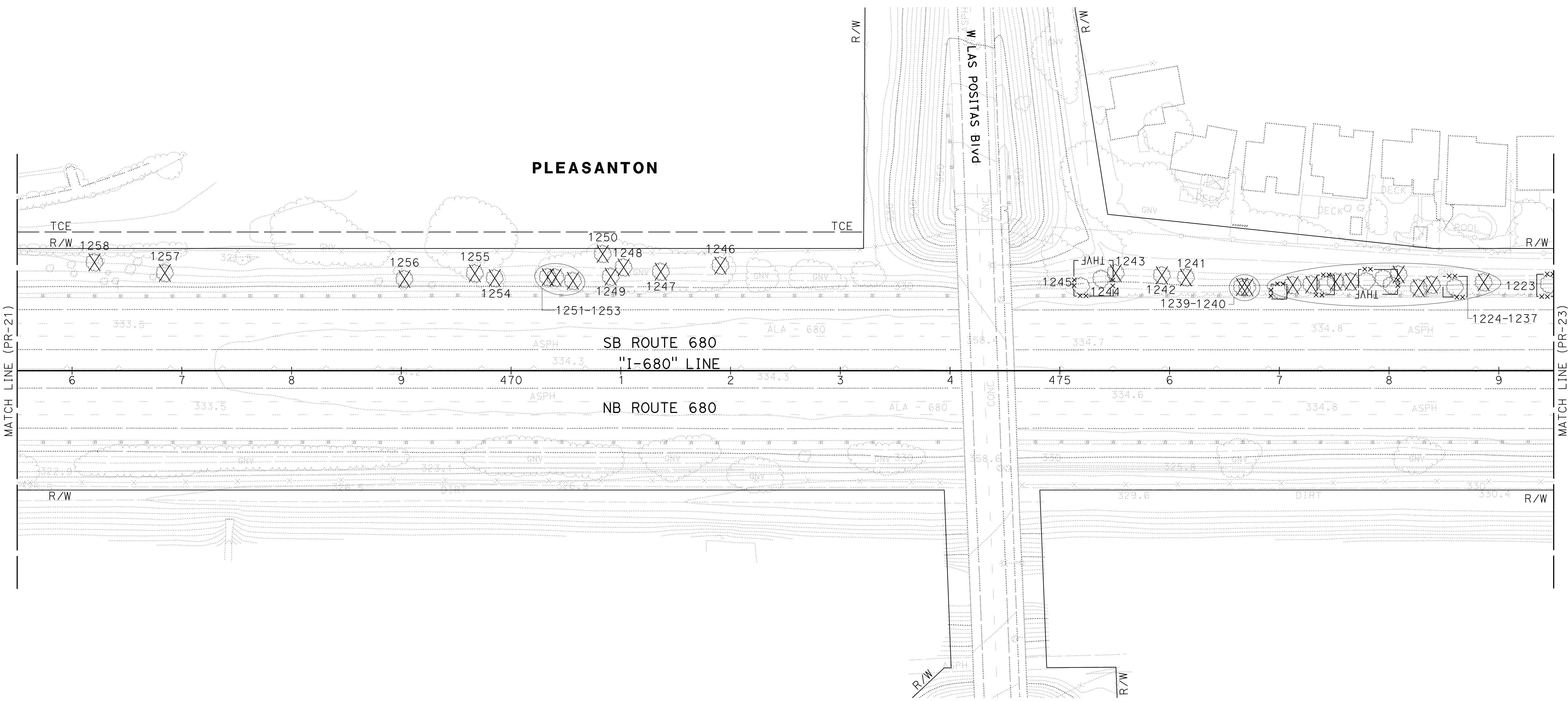
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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	1054	1710
			REGISTERED CIVIL ENGINEER	DATE	
			Abhijeet R. Bhoi	9-29-21	
			PLANS APPROVAL DATE		
			October 8, 2021		
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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 CONSULTANT - FUNCTIONAL SUPERVISOR
 ABHIJEET R. BHOI
 CALCULATED/DESIGNED BY
 CHECKED BY
 BENJAMIN DEMONBREUN
 TIANHUA SUN
 REVISED BY
 DATE REVISED
 9-29-21
 BD



FOR NOTES, ABBREVIATION AND
LEGEND, SEE SHEET PR-1

APPROVED FOR PLANTING WORK ONLY

PLANT REMOVAL PLAN
SCALE: 1" = 50'
PR-22

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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 CONSULTANT: FUNCTIONAL SUPERVISOR
 CALCULATED/DESIGNED BY
 CHECKED BY
 BENJAMIN DEMONBREUN
 TIANHUA SUN
 REVISOR BY
 DATE REVISED
 9-29-21
 BD

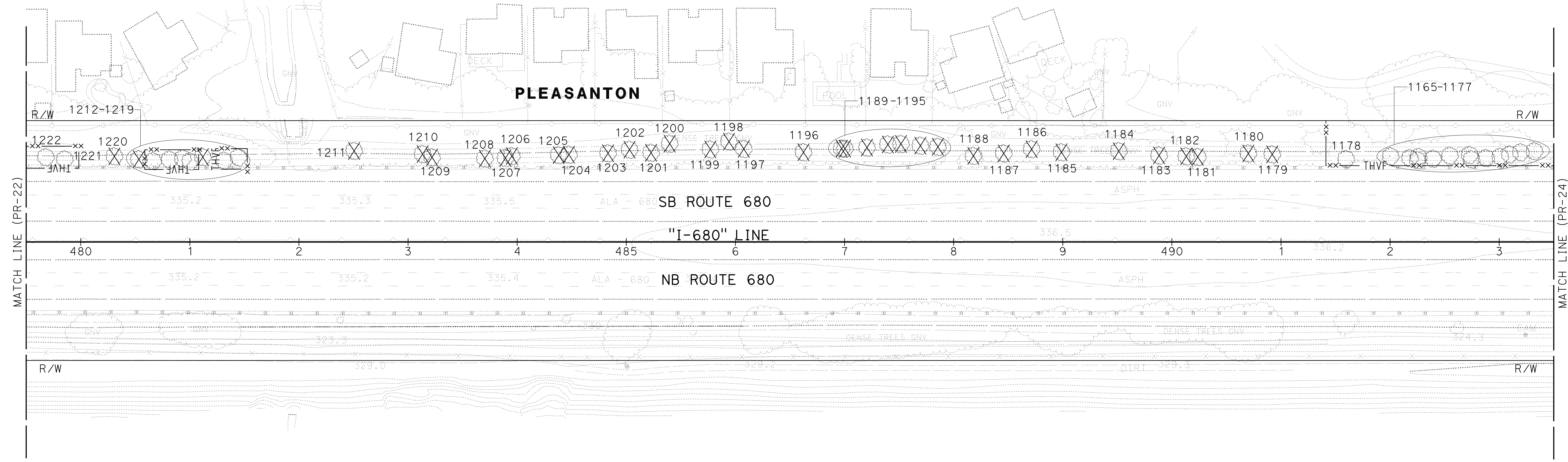
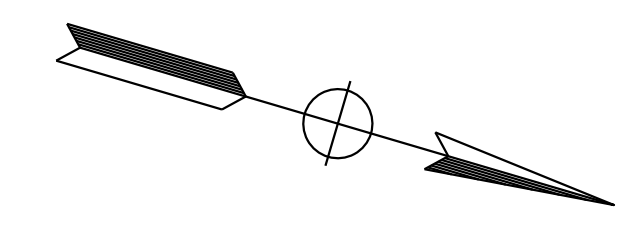
NOTE:
 FOR ACCURATE RIGHT OF WAY DATA, CONTACT
 RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	1055	1710

REGISTERED CIVIL ENGINEER **Abhijeet R. Bhoi** No. 68606 Exp. 9-30-23
 DATE 9-29-21
 PLANS APPROVAL DATE October 8, 2021

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PLANT REMOVAL PLAN
 SCALE: 1" = 50'
PR-23

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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 CONSULTANT - FUNCTIONAL SUPERVISOR
 ABHIJEET R. BHOI
 CALCULATED-DESIGNED BY
 CHECKED BY
 BENJAMIN DEMONBREUN
 TIANHUA SUN
 REVISOR BY
 DATE REVISED
 BD
 9-29-21

NOTE:
 FOR ACCURATE RIGHT OF WAY DATA, CONTACT
 RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

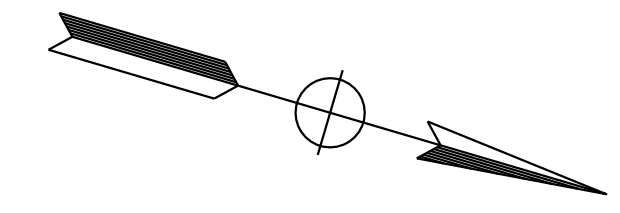
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	1056	1710

9-29-21
 REGISTERED CIVIL ENGINEER DATE
 October 8, 2021
 PLANS APPROVAL DATE

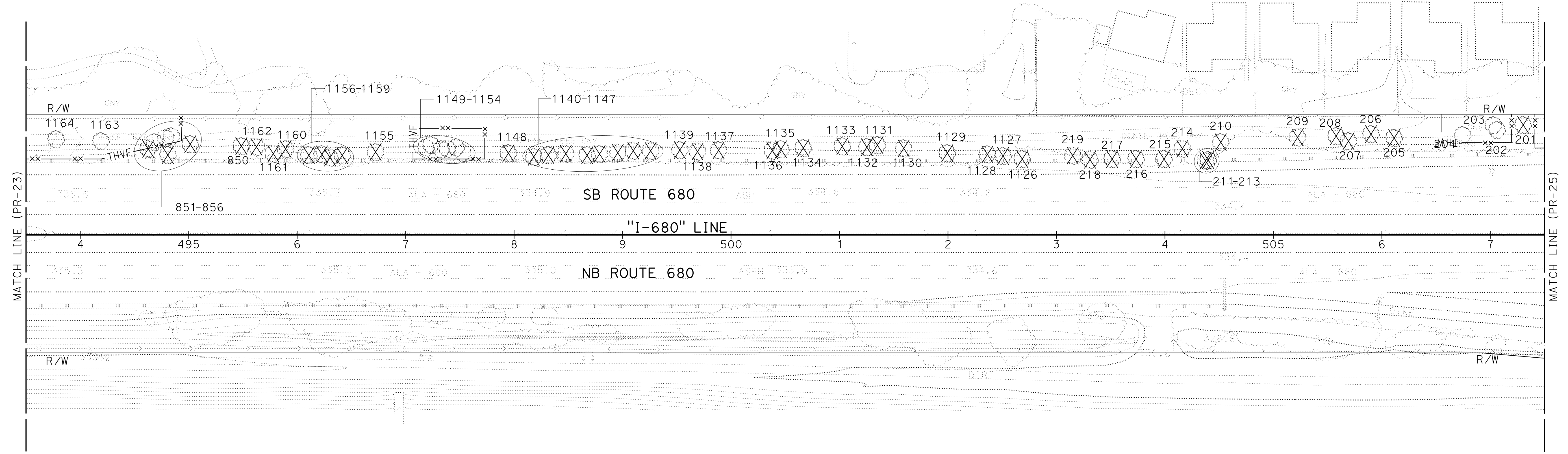
REGISTERED PROFESSIONAL ENGINEER
 Abhijeet R. Bhoi
 No. 68606
 Exp. 9-30-23
 CIVIL
 STATE OF CALIFORNIA

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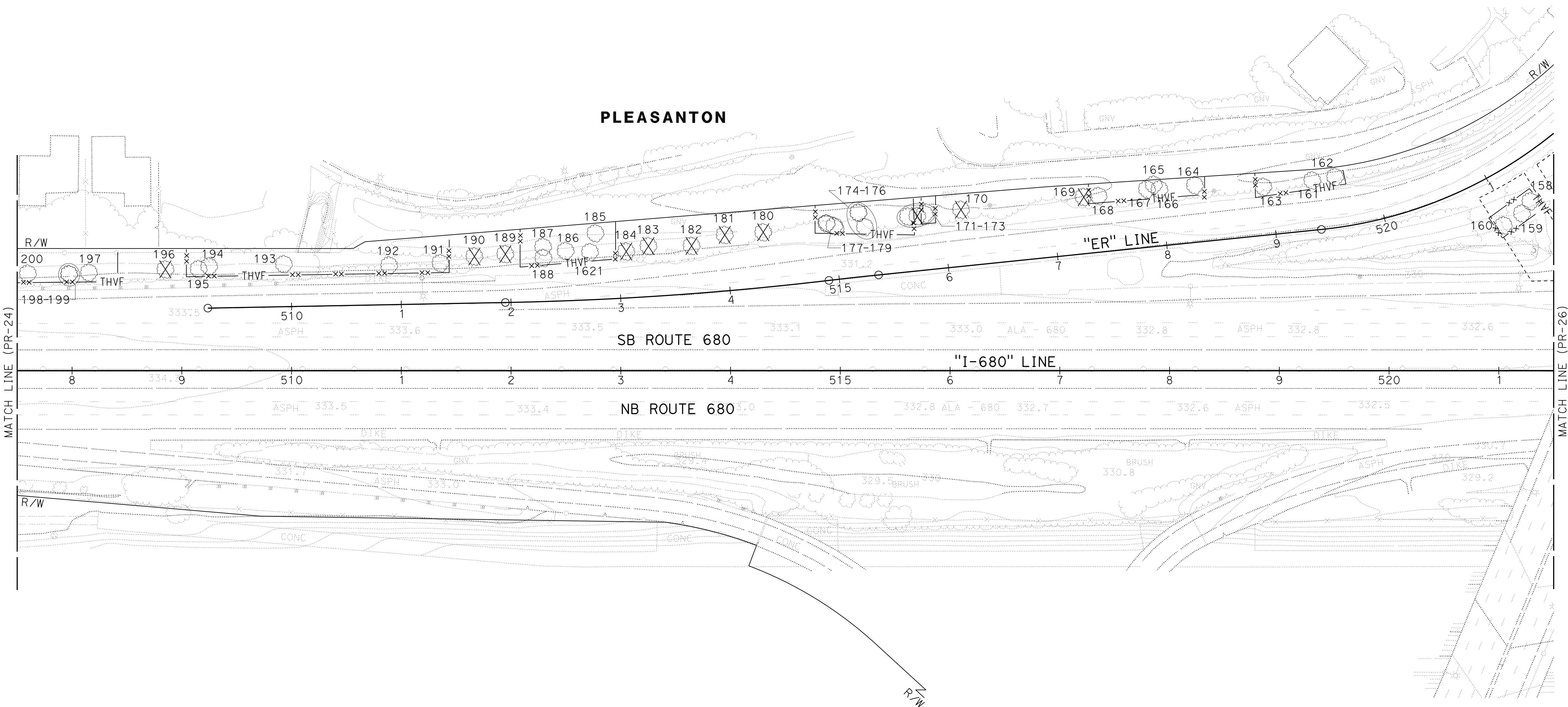
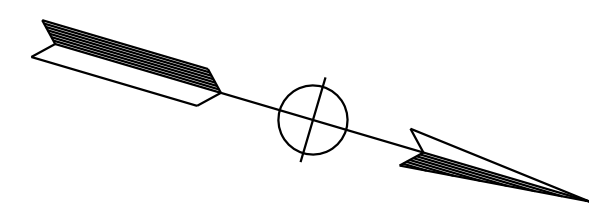
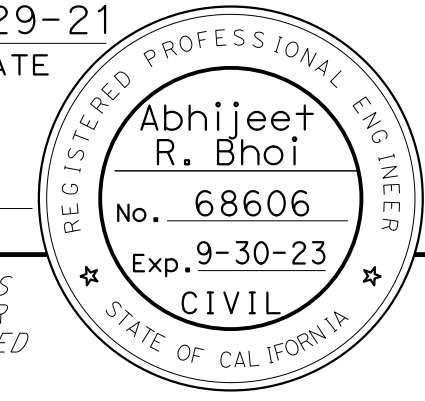
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 LEGEND, SEE SHEET PR-1

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PLANT REMOVAL PLAN
 SCALE: 1" = 50'
PR-24

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	1057	1710
			9-29-21		
REGISTERED CIVIL ENGINEER			DATE		
October 8, 2021			PLANS APPROVAL DATE		
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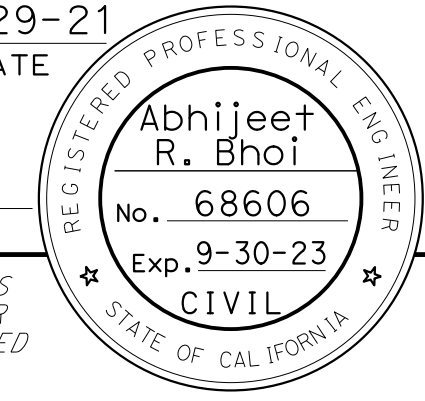
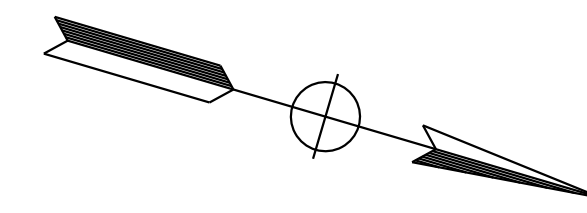
DESIGNED BY	ABHIJEET R. BHOI
CHECKED BY	TIANHUA SUN
REVISIONS	
REVISOR	DATE
BD	9-29-21

FOR NOTES, ABBREVIATION AND
LEGEND, SEE SHEET PR-1

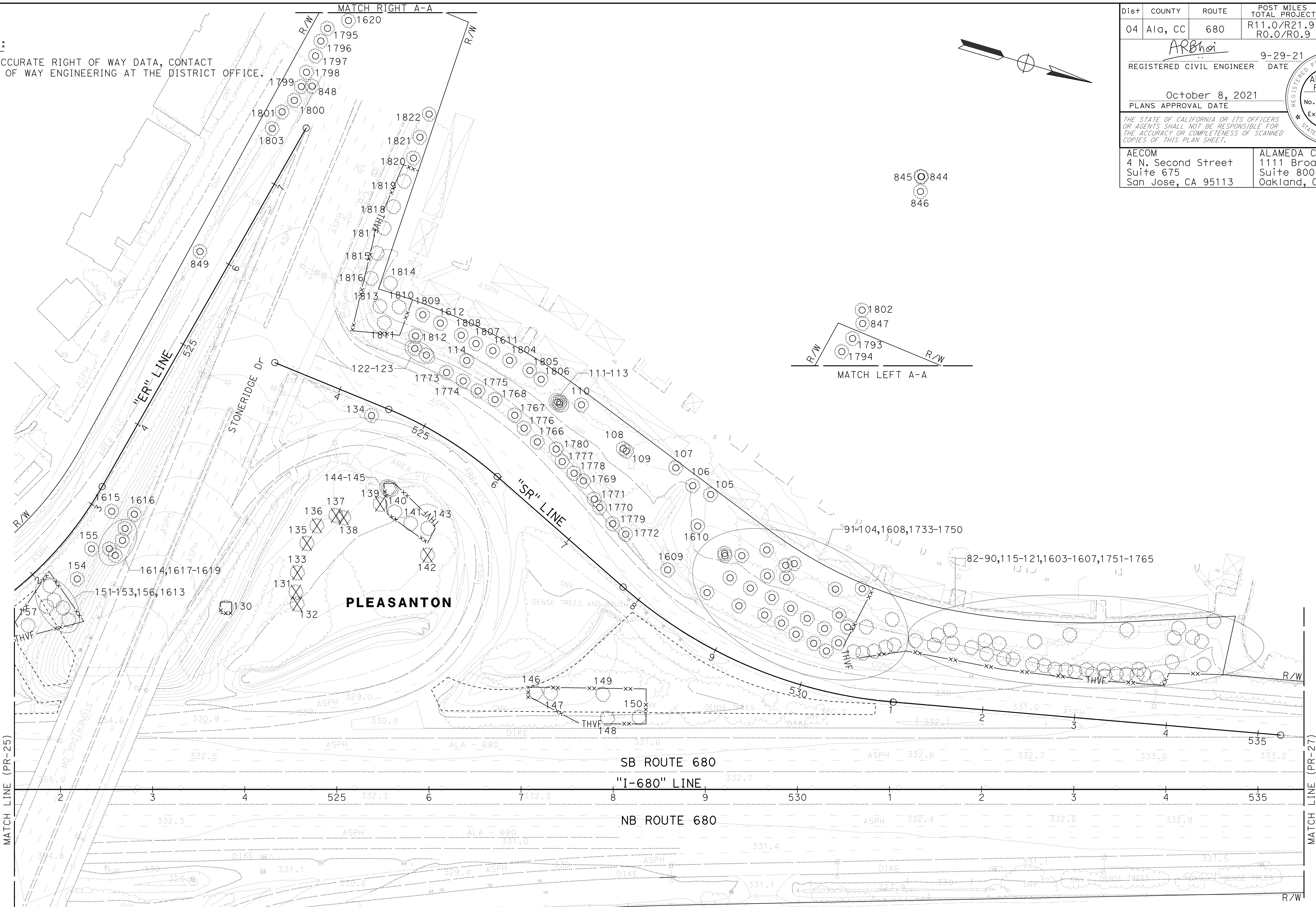
PLANT REMOVAL PLAN
SCALE: 1" = 50'
PR-25

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	1058	1710
			REGISTERED CIVIL ENGINEER DATE 9-29-21 October 8, 2021 PLANS APPROVAL DATE		
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NOTE:
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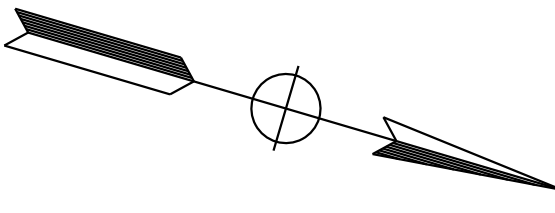
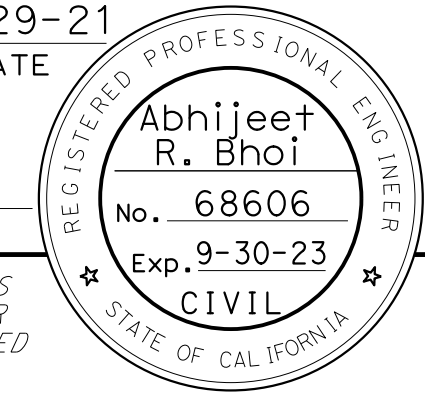
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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 CONSULTANT - FUNCTIONAL SUPERVISOR
 ABHIJEET R. BHOI
 CALCULATED/DESIGNED BY
 CHECKED BY
 BENJAMIN DEMONBREUN
 TIANHUA SUN
 REVISED BY
 DATE REVISED
 BD
 9-29-21

FOR NOTES, ABBREVIATION AND LEGEND, SEE SHEET PR-1

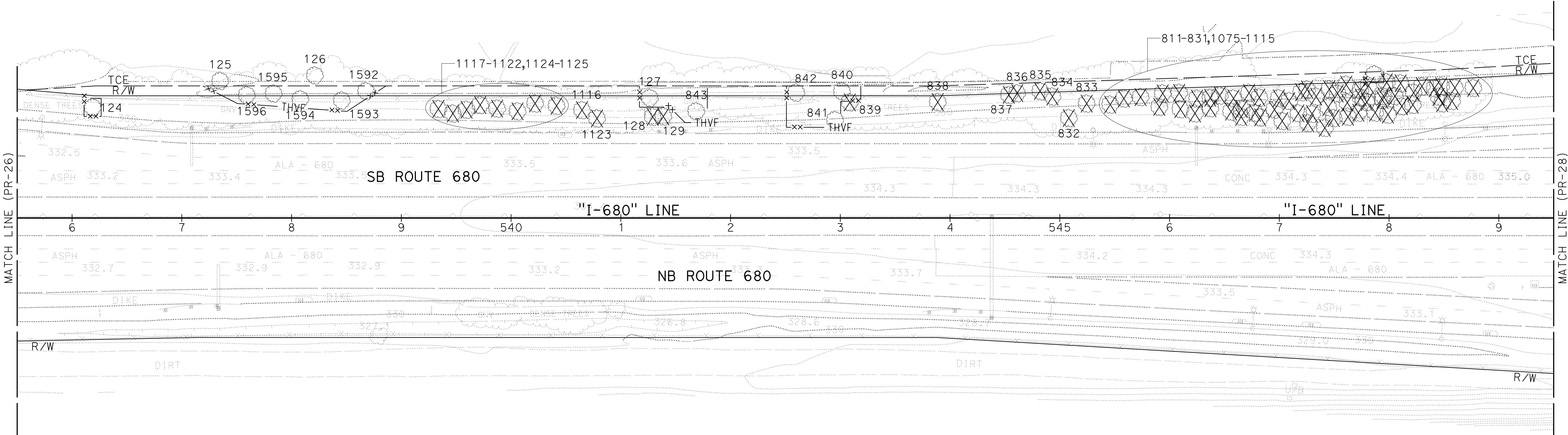
PLANT REMOVAL PLAN
SCALE: 1" = 50'
PR-26

APPROVED FOR PLANTING WORK ONLY

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	1059	1710
			REGISTERED CIVIL ENGINEER DATE 9-29-21 October 8, 2021 PLANS APPROVAL DATE		
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 RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



DESIGNED BY	REVISOR	DATE
BENJAMIN DEMONBREUN	BD	9-29-21
TIANHUA SUN		
ABHIJEET R. BHOI		

FOR NOTES, ABBREVIATION AND
 LEGEND, SEE SHEET PR-1

PLANT REMOVAL PLAN
 SCALE: 1" = 50'
PR-27

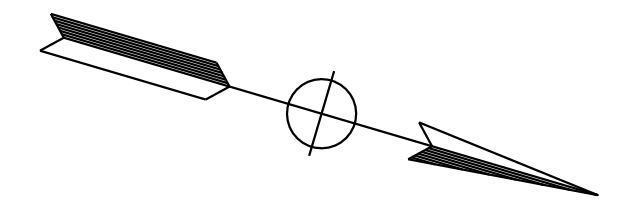
APPROVED FOR PLANTING WORK ONLY

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LAST REVISION DATE PLOTTED => 8-MAR-2022 09-29-21 TIME PLOTTED => 11:11

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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 Et Caltrans

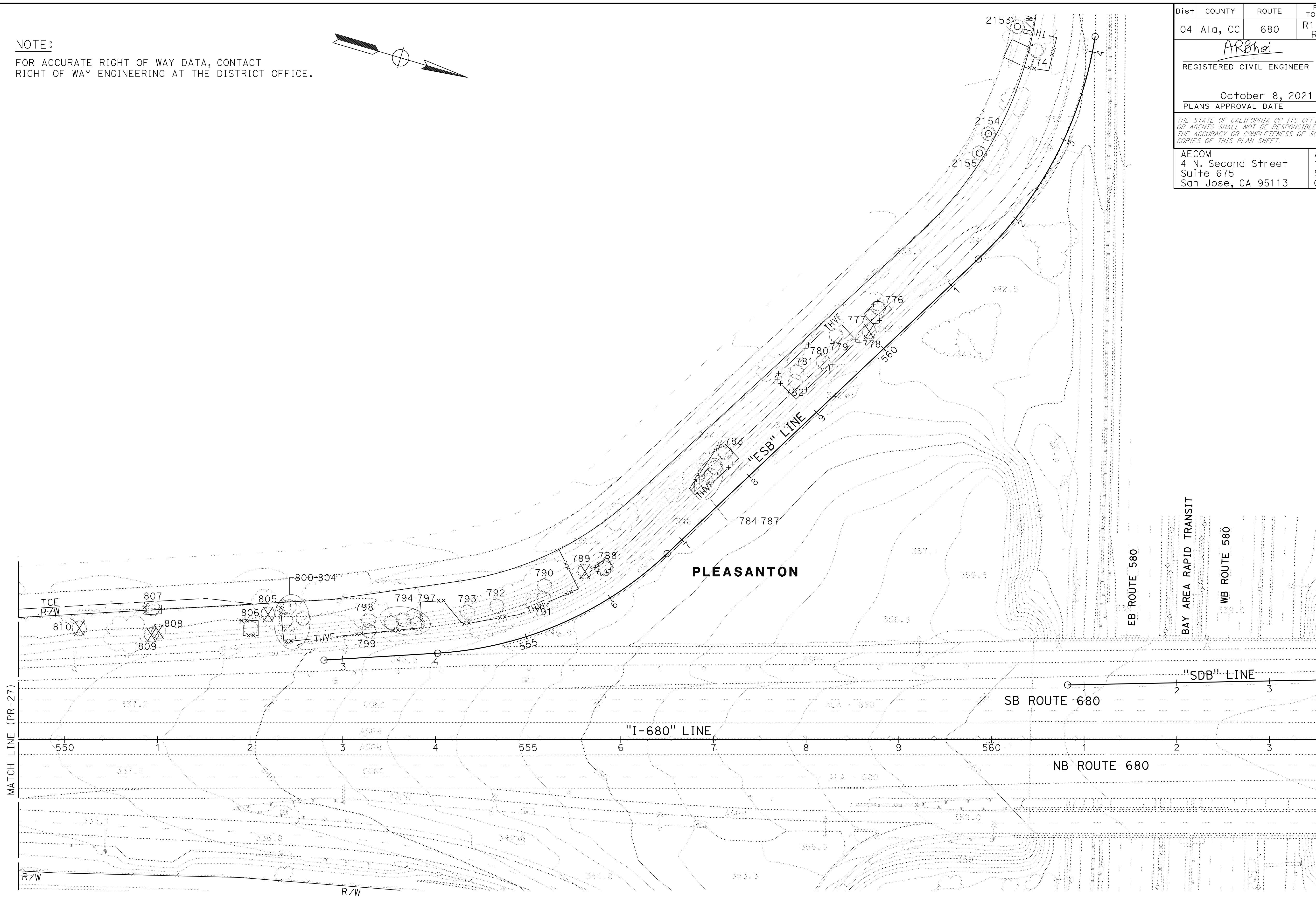
NOTE:
 FOR ACCURATE RIGHT OF WAY DATA, CONTACT
 RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	1060	1710

REGISTERED CIVIL ENGINEER **Abhijeet R. Bhoi** DATE 9-29-21
 PLANS APPROVAL DATE October 8, 2021
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 LEGEND, SEE SHEET PR-1

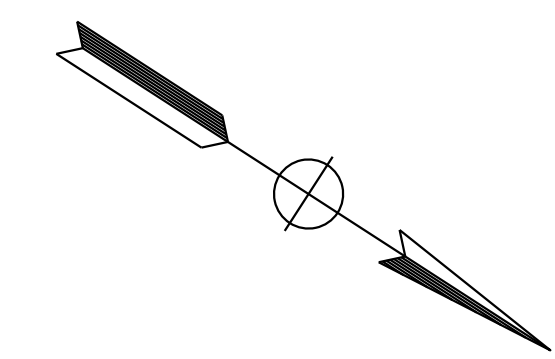
PLANT REMOVAL PLAN
 SCALE: 1" = 50'
PR-28

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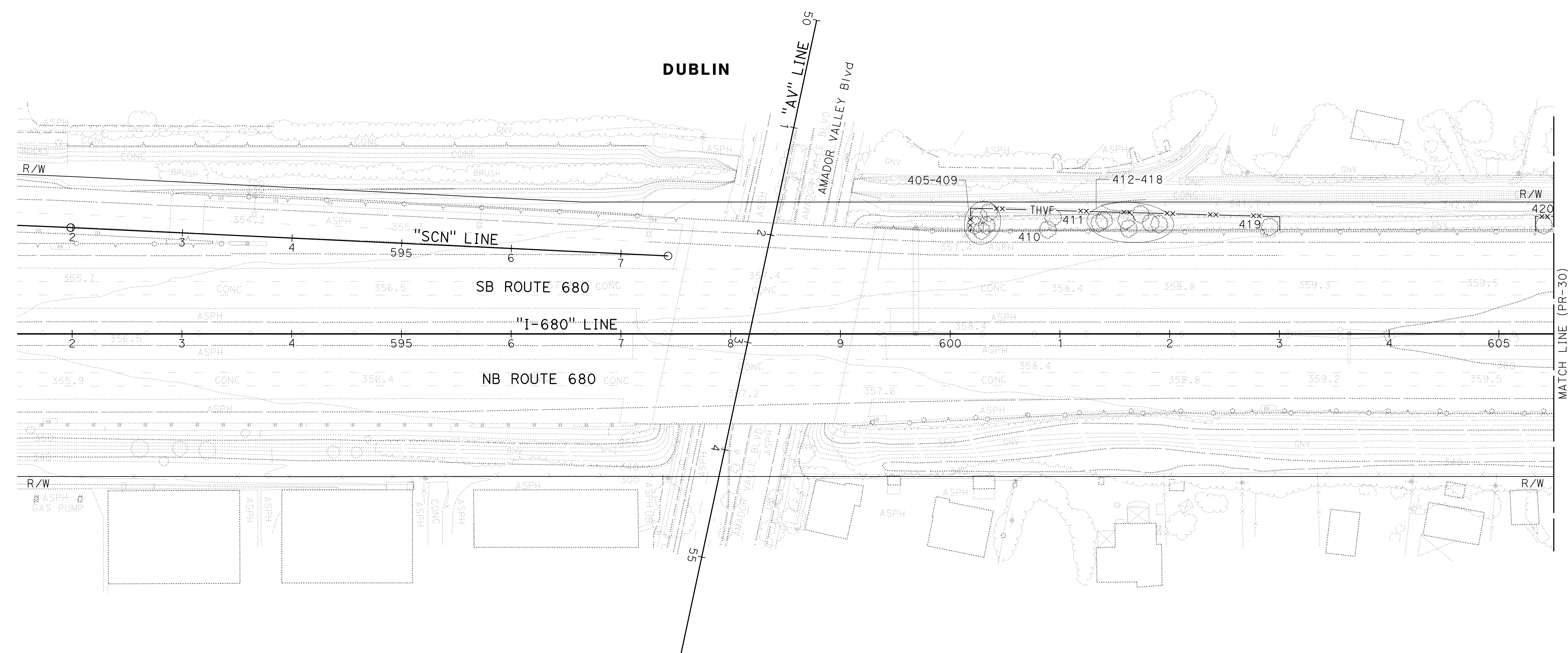
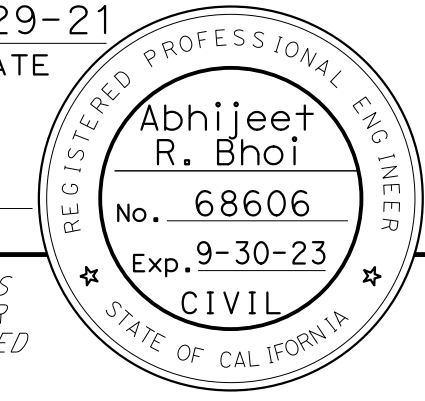
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 09-29-21 TIME PLOTTED => 11:11

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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 Et Caltrans®
 CONSULTANT SUPERVISOR ABHIJEET R. BHOI
 CALCULATED/DESIGNED BY BENJAMIN DEMONBREUN
 CHECKED BY TIANHUA SUN
 REVISOR BY DATE
 BD 9-29-21

NOTE:
 FOR ACCURATE RIGHT OF WAY DATA, CONTACT
 RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	1061	1710
			9-29-21		
REGISTERED CIVIL ENGINEER			DATE		
October 8, 2021			PLANS APPROVAL DATE		
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PLANT REMOVAL PLAN
 SCALE: 1" = 50'
PR-29

LAST REVISION: 09-29-21 DATE PLOTTED => 8-MAR-2022 TIME PLOTTED => 11:11

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Caltrans
 CONSULTANT SUPERVISOR: ABHIJEET R. BHOI
 CALCULATED/DESIGNED BY: BENJAMIN DEMONBREUN
 CHECKED BY: TIANHUA SUN
 REVISED BY: BD
 DATE REVISED: 9-29-21

NOTE:
 FOR ACCURATE RIGHT OF WAY DATA, CONTACT
 RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

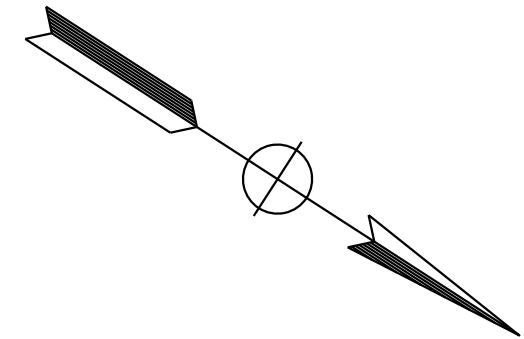
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	1062	1710

REGISTERED CIVIL ENGINEER: **Abhijeet R. Bhoi**
 No. 68606
 Exp. 9-30-23
 CIVIL
 STATE OF CALIFORNIA

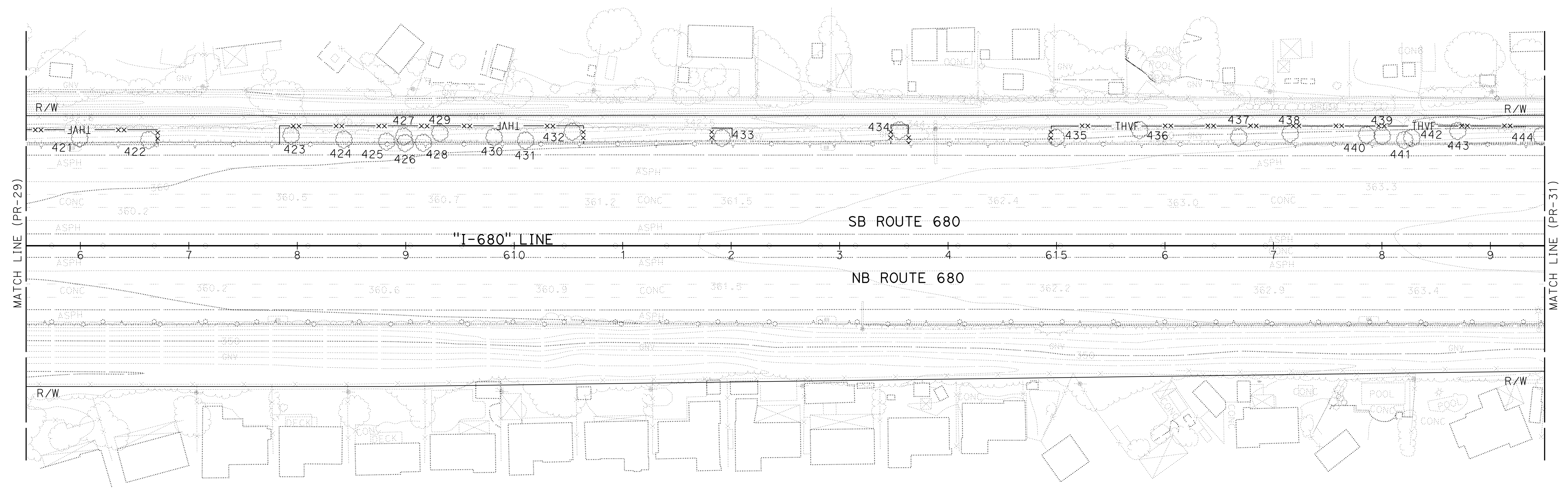
9-29-21
 DATE
 October 8, 2021
 PLANS APPROVAL DATE

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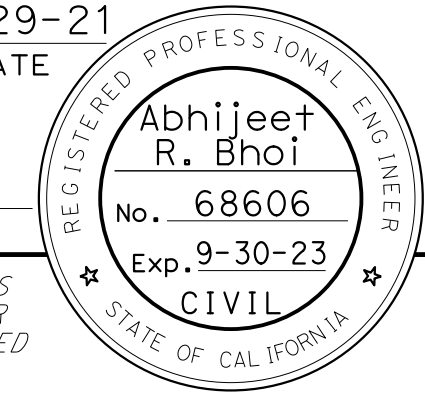


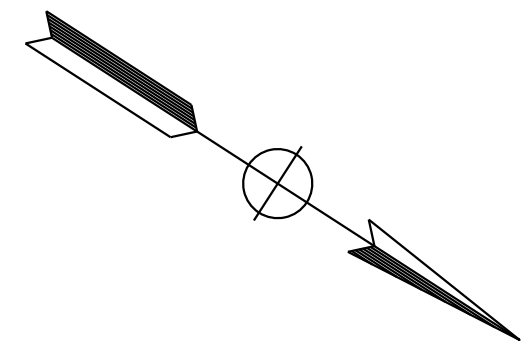
FOR NOTES, ABBREVIATION AND LEGEND, SEE SHEET PR-1

PLANT REMOVAL PLAN
 SCALE: 1" = 50'
PR-30

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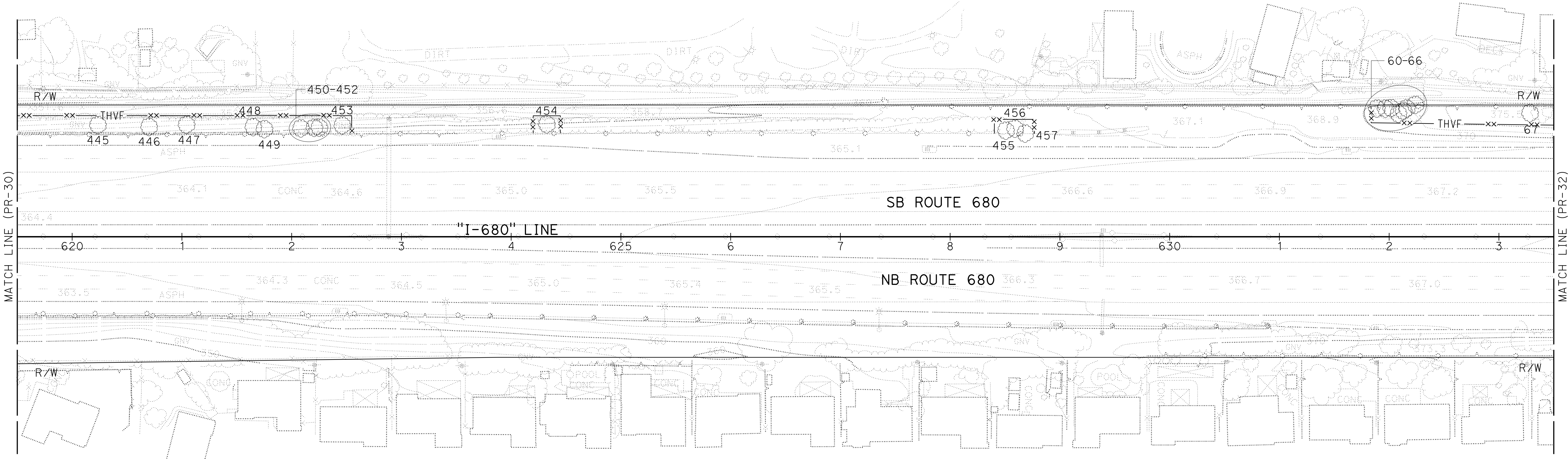
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	1063	1710
			9-29-21		
REGISTERED CIVIL ENGINEER			DATE		
October 8, 2021			PLANS APPROVAL DATE		
					
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NOTE:
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RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

DESIGNED BY	BENJAMIN DEMONBREUN
CHECKED BY	TIANHUA SUN
CALCULATED- DESIGNED BY	
CONSULTANT- FUNCTIONAL SUPERVISOR	ABHIJEET R. BHOI
DEPARTMENT OF TRANSPORTATION	
STATE OF CALIFORNIA	
DATE PLOTTED =>	8-MAR-2022
TIME PLOTTED =>	11:11

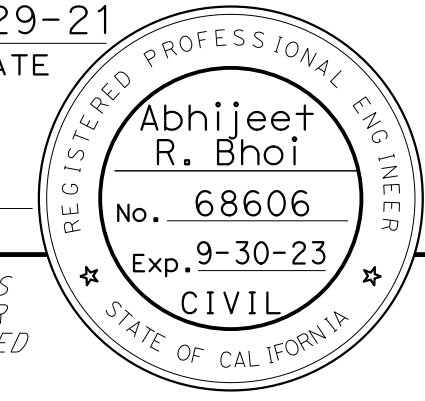
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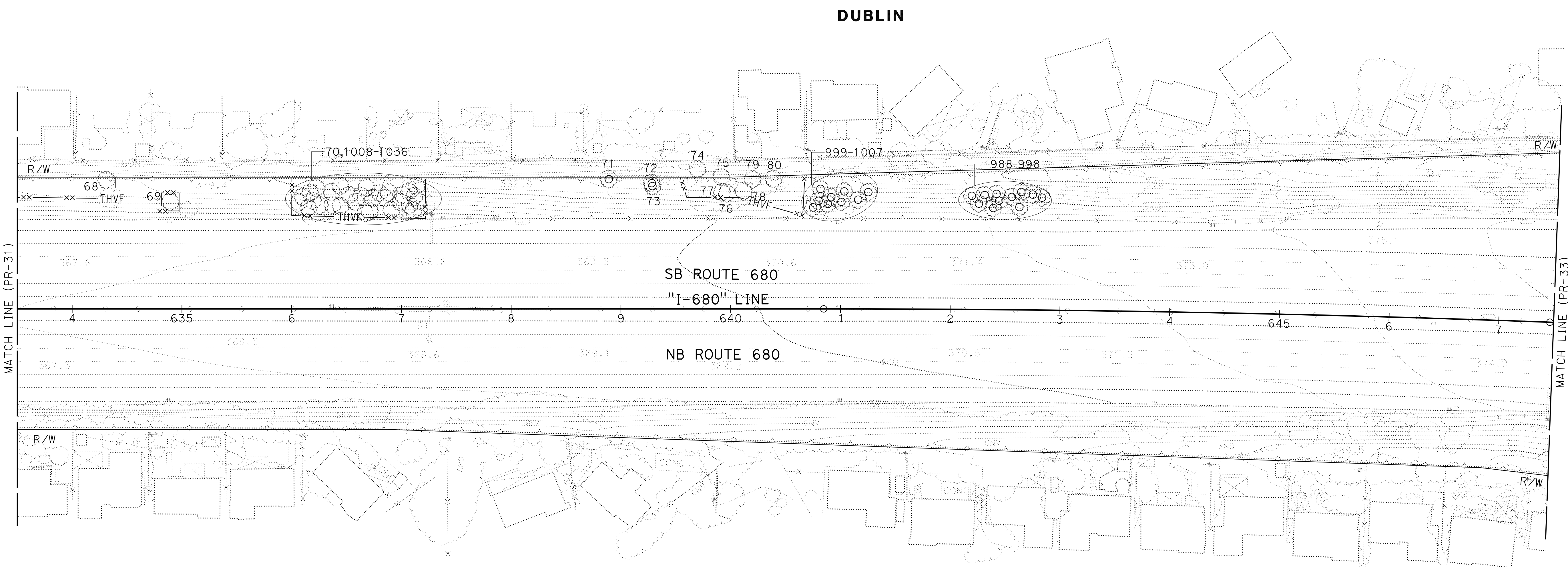
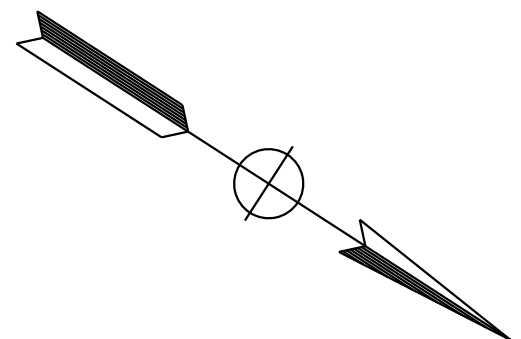
FOR NOTES, ABBREVIATION AND
LEGEND, SEE SHEET PR-1

PLANT REMOVAL PLAN
SCALE: 1" = 50'
PR - 31

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	1064	1710
			9-29-21		
REGISTERED CIVIL ENGINEER			DATE		
October 8, 2021			PLANS APPROVAL DATE		
					
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RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



		BD			
		REVISED BY	DATE	REVISED	
			9-29-21		
		BENJAMIN DEMONBREUN		TIANHUA SUN	
		CALCULATED-DESIGNED BY		CHECKED BY	
		CONSULTANT FUNCTIONAL SUPERVISOR			
		ABHIJEET R. BHOI			
		DEPARTMENT OF TRANSPORTATION			
		STATE OF CALIFORNIA			

FOR NOTES, ABBREVIATION AND
LEGEND, SEE SHEET PR-1

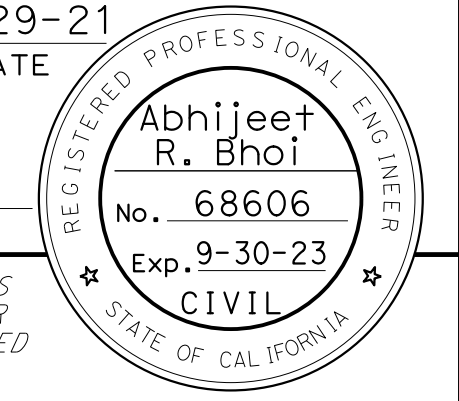
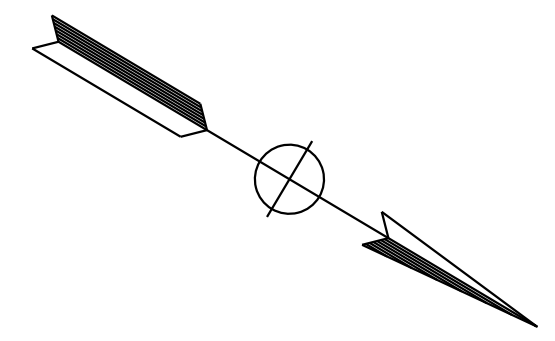
PLANT REMOVAL PLAN
SCALE: 1" = 50'
PR-32

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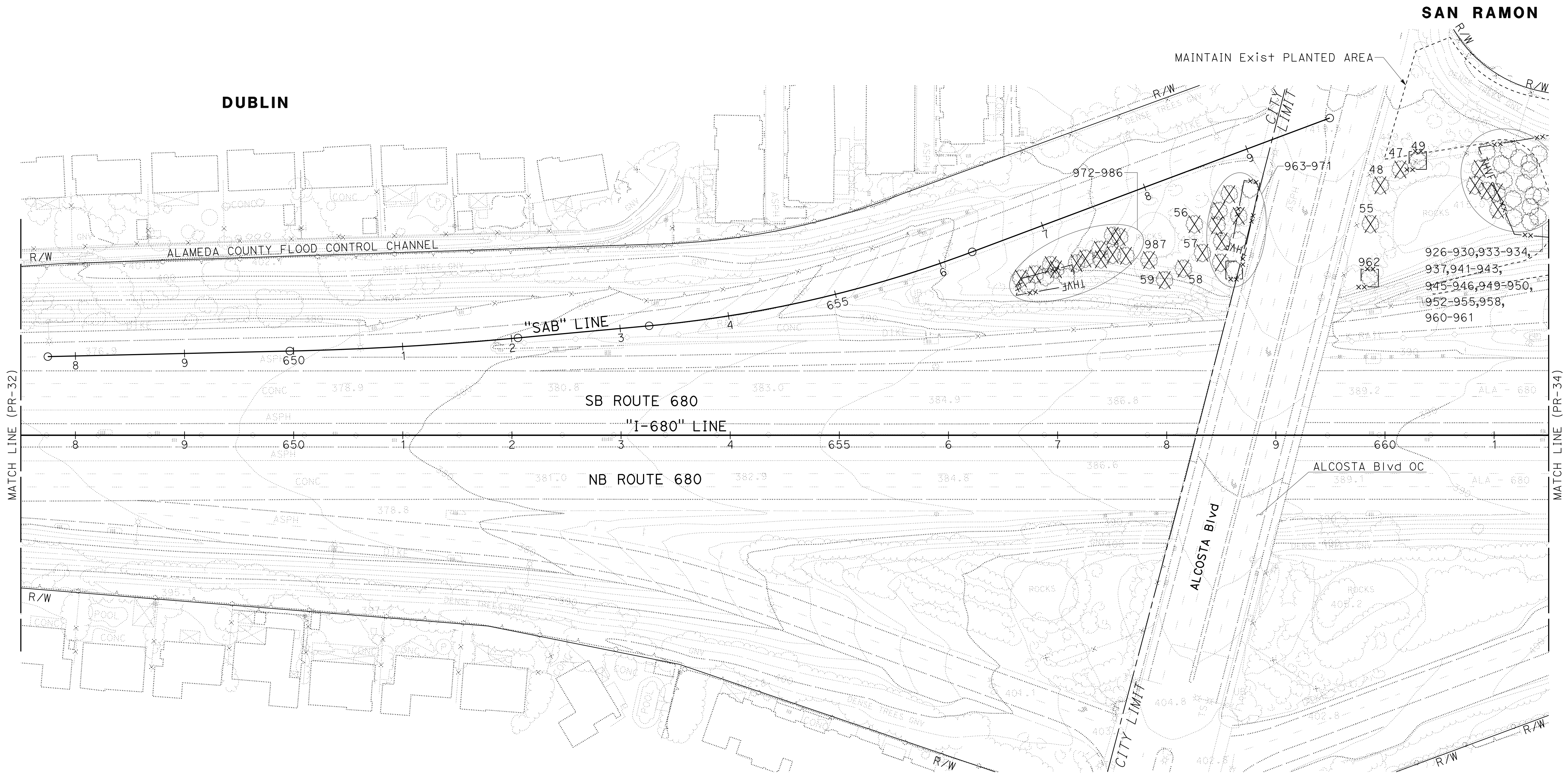
LAST REVISION: 09-29-21 DATE PLOTTED => 08-MAR-2022 TIME PLOTTED => 11:12

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	1065	1710
			REGISTERED CIVIL ENGINEER	DATE	
			October 8, 2021	PLANS APPROVAL DATE	
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BD	9-29-21	BENJAMIN DEMONBREUN	TIANHUA SUN	ABHIJEET R. BHOI
REVISOR	DATE	DESIGNED BY	CHECKED BY	CONSULTANT SUPERVISOR

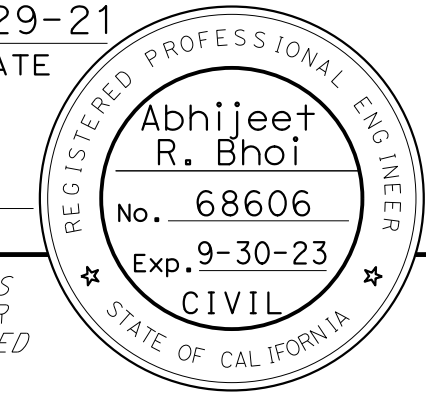


FOR NOTES, ABBREVIATION AND
LEGEND, SEE SHEET PR-1

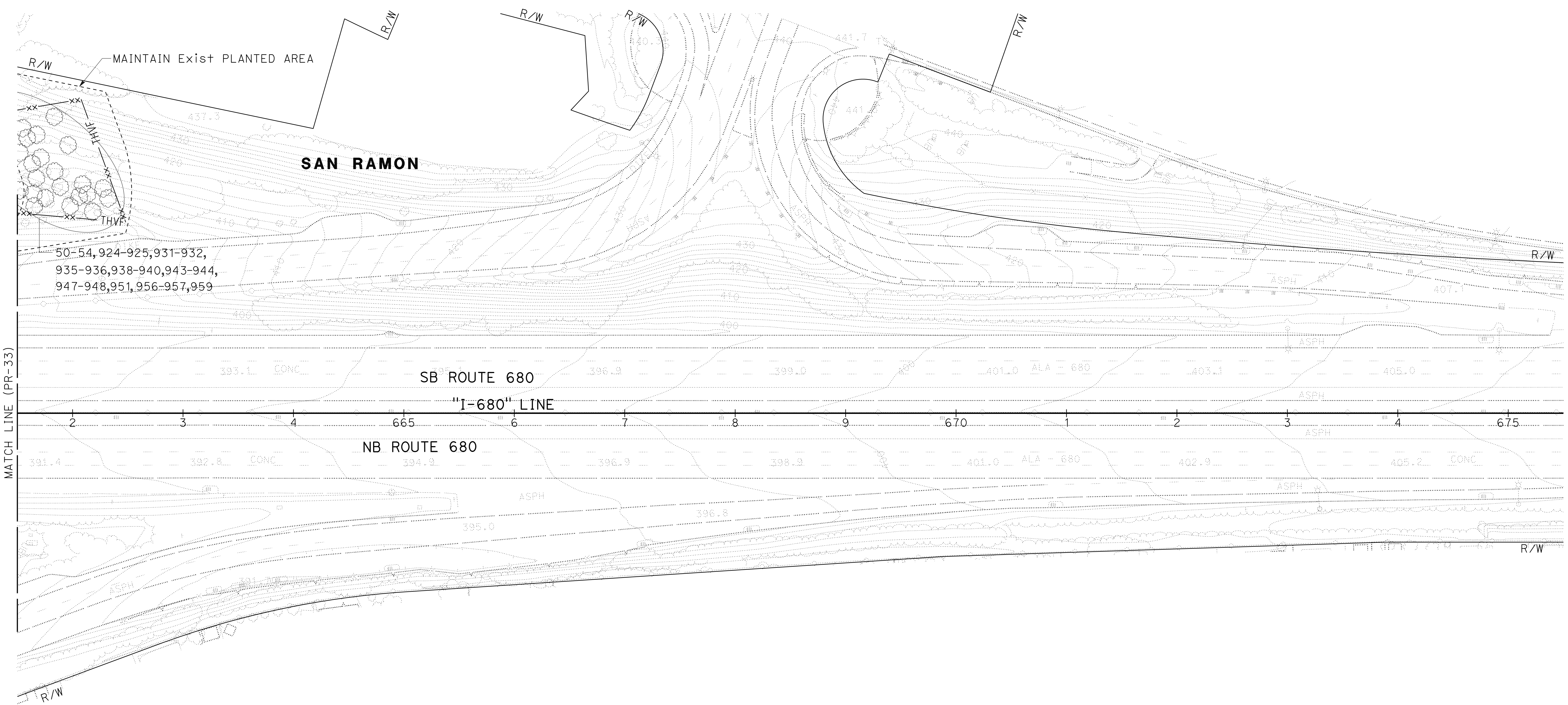
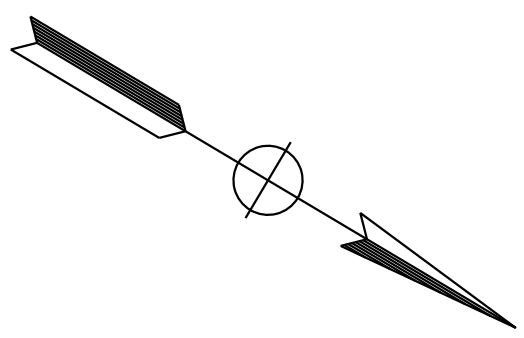
PLANT REMOVAL PLAN
SCALE: 1" = 50'
PR-33

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	1066	1710
			9-29-21		
REGISTERED CIVIL ENGINEER			DATE		
October 8, 2021			PLANS APPROVAL DATE		
					
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50-54,924-925,931-932,
935-936,938-940,943-944,
947-948,951,956-957,959

x	BD	9-29-21		
	REVISOR	DATE	REVISION	DESCRIPTION
x	BENJAMIN DEMONBREUN	TIANHUA SUN		
x	CALCULATED-DESIGNED BY	CHECKED BY		
x	CONSULTANT FUNCTIONAL SUPERVISOR	ABHIJEET R. BHOI		
x	STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION			

FOR NOTES, ABBREVIATION AND
LEGEND, SEE SHEET PR-1

PLANT REMOVAL PLAN
SCALE: 1" = 50'
PR-34

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 Abhijeet R. Bhoi
 CONSULTANT - FUNCTIONAL SUPERVISOR
 CALCULATED - DESIGNED BY
 BENJAMIN DEMONBREUN
 TIANHUA SUN
 REVISOR
 DATE REVISOR
 9-29-21
 BO

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	1068	1710

ARBHOI
 9-29-21
 REGISTERED CIVIL ENGINEER DATE
 October 8, 2021
 PLANS APPROVAL DATE

Abhijeet R. Bhoi
 No. 68606
 Exp. 9-30-23
 CIVIL
 STATE OF CALIFORNIA

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TREE REMOVAL SUMMARY (CLEARING AND GRUBBING)

SHEET No.	TREE No.	CALIPER SIZE (DIAMETER AT BREST HEIGHT (INCH))	(BOTANICAL NAME) SPECIES/DESCRIPTIONS
PR-16	697	5	QUERCUS AGRIFOLIA
PR-16	698	3	QUERCUS AGRIFOLIA
PR-16	699	8, 7	QUERCUS AGRIFOLIA
PR-16	700	12	QUERCUS AGRIFOLIA
PR-16	701	22	PLATANUS * HISPANICA
PR-16	702	22	QUERCUS AGRIFOLIA
PR-16	703	18	PLATANUS * HISPANICA
PR-16	704	45	QUERCUS AGRIFOLIA
PR-16	705	12	QUERCUS AGRIFOLIA
PR-16	706	10	QUERCUS AGRIFOLIA
PR-16	707	6	QUERCUS AGRIFOLIA
PR-16	708	10, 8	PRUNUS SP.
PR-16	709	10	QUERCUS AGRIFOLIA
PR-16	710	8	QUERCUS AGRIFOLIA
PR-16	711	14	QUERCUS AGRIFOLIA
PR-16	712	16	QUERCUS AGRIFOLIA
PR-16	713	27	QUERCUS AGRIFOLIA
PR-16	1650	14	QUERCUS AGRIFOLIA
PR-16	1654	9	QUERCUS AGRIFOLIA
PR-16	1655	24	QUERCUS AGRIFOLIA
PR-16	1656	5	QUERCUS AGRIFOLIA
PR-16	1657	6	QUERCUS AGRIFOLIA
PR-16	1658	10	QUERCUS AGRIFOLIA
PR-16	1659	6	UNKNOWN
PR-16	1660	6	UNKNOWN
PR-16	1661	6	UNKNOWN
PR-16	1662	9	UNKNOWN
PR-16	1663	9, 8	QUERCUS CHRYSOLEPIS
PR-16	1664	9	QUERCUS AGRIFOLIA
PR-16	1665	6	QUERCUS AGRIFOLIA
PR-16	1666	6	QUERCUS AGRIFOLIA
PR-16	1667	6	QUERCUS AGRIFOLIA
PR-16	1668	6	QUERCUS AGRIFOLIA
PR-16	1669	5	QUERCUS AGRIFOLIA
PR-16	1670	5	QUERCUS AGRIFOLIA
PR-16	1671	5	QUERCUS AGRIFOLIA
PR-16	1672	5	QUERCUS AGRIFOLIA
PR-16	1673	5	QUERCUS AGRIFOLIA
PR-16	1674	5	QUERCUS AGRIFOLIA
PR-17	714	5, 5, 3, 3	PRUNUS SP.
PR-17	1496	7	EUCALYPTUS GLOBULUS
PR-17	1497	5	QUERCUS AGRIFOLIA
PR-17	1498	13	QUERCUS LOBATA
PR-17	1632	6	QUERCUS AGRIFOLIA
PR-17	1633	5	QUERCUS AGRIFOLIA
PR-17	1634	8	QUERCUS AGRIFOLIA
PR-17	1635	7	QUERCUS AGRIFOLIA
PR-17	1636	9	QUERCUS AGRIFOLIA
PR-17	1637	9	QUERCUS AGRIFOLIA
PR-17	1638	7	QUERCUS AGRIFOLIA
PR-17	1641	3	QUERCUS AGRIFOLIA
PR-17	1642	11	QUERCUS AGRIFOLIA
PR-17	1645	5	QUERCUS AGRIFOLIA
PR-17	1646	7	QUERCUS AGRIFOLIA
PR-17	1647	12	QUERCUS AGRIFOLIA


TREE REMOVAL SUMMARY (CLEARING AND GRUBBING)

SHEET No.	TREE No.	CALIPER SIZE (DIAMETER AT BREST HEIGHT (INCH))	(BOTANICAL NAME) SPECIES/DESCRIPTIONS
PR-17	1648	5	QUERCUS AGRIFOLIA
PR-17	1649	4	QUERCUS AGRIFOLIA
PR-17	1651	8	EUCALYPTUS GLOBULUS
PR-17	1653	4	QUERCUS AGRIFOLIA
PR-17	2196	22, 21	EUCALYPTUS GLOBULUS
PR-17	2197	7	QUERCUS AGRIFOLIA
PR-19	861	6	SAMBUCUS NIGRA
PR-19	862	16	QUERCUS AGRIFOLIA
PR-19	863	17	QUERCUS AGRIFOLIA
PR-19	1466	4	SAMBUCUS NIGRA
PR-19	1469	4	QUERCUS AGRIFOLIA
PR-19	1472	6	QUERCUS LOBATA
PR-19	1475	16	QUERCUS AGRIFOLIA
PR-19	1476	8, 7, 7	QUERCUS AGRIFOLIA
PR-19	1477	7	POPULUS FREMONTII
PR-20	1273	14	SCHINUS MOLLE
PR-20	1274	16	PINUS RADIATA
PR-20	1275	7	QUERCUS AGRIFOLIA
PR-20	1276	24	PLATANUS RACEMOSA
PR-20	1277	7	PRUNUS SP.
PR-20	1278	5	QUERCUS LOBATA
PR-20	1279	17	PINUS RADIATA
PR-20	1280	17	SCHINUS MOLLE
PR-20	1281	8	PRUNUS SP.
PR-20	1282	4	QUERCUS LOBATA
PR-20	1283	4	QUERCUS LOBATA
PR-20	1284	14, 8, 12	SCHINUS MOLLE
PR-20	1285	13	SCHINUS MOLLE
PR-20	1286	22	EUCALYPTUS SIDEROXYLON
PR-20	1287	7	EUCALYPTUS GLOBULUS
PR-20	1288	11	PLATANUS RACEMOSA
PR-20	1289	8	QUERCUS LOBATA
PR-20	1290	6	SCHINUS MOLLE
PR-20	1291	11	SCHINUS MOLLE
PR-20	1292	11	EUCALYPTUS SP.
PR-20	1293	9	EUCALYPTUS SP.
PR-20	1294	10	PLATANUS RACEMOSA
PR-20	1295	12, 11	EUCALYPTUS GLOBULUS
PR-20	1296	14	EUCALYPTUS GLOBULUS
PR-20	1297	4	QUERCUS LOBATA
PR-20	1298	12	EUCALYPTUS GLOBULUS
PR-20	1299	10, 9, 10	EUCALYPTUS GLOBULUS
PR-20	1300	5	QUERCUS AGRIFOLIA
PR-20	1301	26	EUCALYPTUS SP.
PR-20	1302	8, 6	EUCALYPTUS GLOBULUS
PR-20	1303	9, 8	EUCALYPTUS GLOBULUS
PR-20	1304	12	EUCALYPTUS GLOBULUS
PR-20	1305	9	EUCALYPTUS GLOBULUS
PR-20	1306	8	EUCALYPTUS SP.
PR-20	1307	9	EUCALYPTUS SP.
PR-20	1451	7, 6, 7	EUCALYPTUS GLOBULUS
PR-20	1452	7, 6	EUCALYPTUS SP.
PR-20	1453	10	EUCALYPTUS GLOBULUS
PR-20	1454	11, 8	EUCALYPTUS SIDEROXYLON
PR-20	1455	8	EUCALYPTUS GLOBULUS

PLANT REMOVAL PLAN

PR - 36

LAST REVISION DATE PLOTTED => 8-MAR-2022
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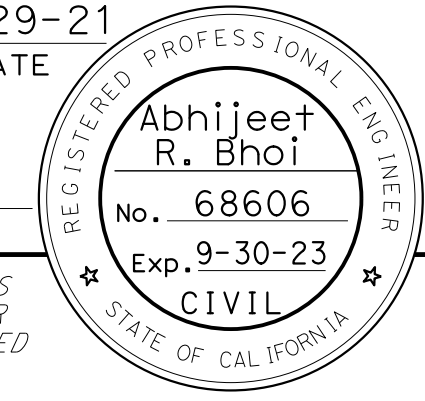
CALCULATED-DESIGNED BY	CHECKED BY	REVISOR	DATE	REVISED BY	DATE
ABHIJEET R. BHOI	TIANHUA SUN	BD	9-29-21		

TREE REMOVAL SUMMARY (CLEARING AND GRUBBING)

SHEET No.	TREE No.	CALIPER SIZE (DIAMETER AT BREST HEIGHT (INCH))	(BOTANICAL NAME) SPECIES/DESCRIPTIONS
PR-24	219	18	SCHINUS MOLLE
PR-24	850	12	SCHINUS MOLLE
PR-24	851	18, 12	EUCALYPTUS GLOBULUS
PR-24	853	5	QUERCUS AGRIFOLIA
PR-24	856	6	QUERCUS AGRIFOLIA
PR-24	1126	13	EUCALYPTUS GLOBULUS
PR-24	1127	15	EUCALYPTUS GLOBULUS
PR-24	1128	13	EUCALYPTUS GLOBULUS
PR-24	1129	25	EUCALYPTUS SP.
PR-24	1130	14	ACACIA MELANOXYLON
PR-24	1131	16	ACACIA MELANOXYLON
PR-24	1132	10	SCHINUS MOLLE
PR-24	1133	28	SCHINUS MOLLE
PR-24	1134	12	SCHINUS MOLLE
PR-24	1135	5	QUERCUS AGRIFOLIA
PR-24	1136	6, 4, 5	ACACIA MELANOXYLON
PR-24	1137	13	SCHINUS MOLLE
PR-24	1138	12	EUCALYPTUS GLOBULUS
PR-24	1139	15	SCHINUS MOLLE
PR-24	1140	24	EUCALYPTUS SP.
PR-24	1141	8	SCHINUS MOLLE
PR-24	1142	25	SCHINUS MOLLE
PR-24	1143	15	EUCALYPTUS SP.
PR-24	1144	14	EUCALYPTUS SP.
PR-24	1145	12	EUCALYPTUS SP.
PR-24	1146	6	QUERCUS CHRYSOLEPIS
PR-24	1147	13	EUCALYPTUS SP.
PR-24	1148	9	QUERCUS AGRIFOLIA
PR-24	1155	28	QUERCUS AGRIFOLIA
PR-24	1156	11	SCHINUS MOLLE
PR-24	1157	4	QUERCUS AGRIFOLIA
PR-24	1158	9	SCHINUS MOLLE
PR-24	1159	10	SCHINUS MOLLE
PR-24	1160	3	QUERCUS AGRIFOLIA
PR-24	1161	17	SCHINUS MOLLE
PR-24	1162	12	SCHINUS MOLLE
PR-25	169	35	EUCALYPTUS SP.
PR-25	170	28	EUCALYPTUS GLOBULUS
PR-25	172	33	EUCALYPTUS SP.
PR-25	180	24	EUCALYPTUS SP.
PR-25	181	36	EUCALYPTUS SP.
PR-25	182	35	EUCALYPTUS SP.
PR-25	183	30	EUCALYPTUS SP.
PR-25	184	32	EUCALYPTUS SP.
PR-25	189	40	EUCALYPTUS SP.
PR-25	190	28	EUCALYPTUS SP.
PR-25	196	25	PINUS SP.
PR-26	131	5	PRUNUS SP.
PR-26	132	6	PRUNUS SP.
PR-26	133	5	PRUNUS SP.
PR-26	135	8	PRUNUS SP.
PR-26	136	5	PRUNUS SP.
PR-26	137	6	PRUNUS SP.
PR-26	138	4	PRUNUS SP.
PR-26	139	6	PRUNUS SP.

TREE REMOVAL SUMMARY (CLEARING AND GRUBBING)


SHEET No.	TREE No.	CALIPER SIZE (DIAMETER AT BREST HEIGHT (INCH))	(BOTANICAL NAME) SPECIES/DESCRIPTIONS
PR-26	142	8	PRUNUS SP.
PR-27	128	3	QUERCUS AGRIFOLIA
PR-27	129	3	QUERCUS AGRIFOLIA
PR-27	811	12	QUERCUS AGRIFOLIA
PR-27	812	7, 7, 7, 7, 7, 7	CERATONIA SILIQUA
PR-27	813	6	OLEA EUROPAEA
PR-27	814	8	LIGUSTRUM LUCIDUM
PR-27	815	6, 6, 5	LIGUSTRUM LUCIDUM
PR-27	816	9, 7	QUERCUS AGRIFOLIA
PR-27	817	8	QUERCUS AGRIFOLIA
PR-27	818	10	LIGUSTRUM LUCIDUM
PR-27	820	10	QUERCUS LOBATA
PR-27	821	6, 5	LIGUSTRUM LUCIDUM
PR-27	822	5	QUERCUS LOBATA
PR-27	823	18	POPULUS FREMONTII
PR-27	824	6	LIGUSTRUM LUCIDUM
PR-27	825	9	ACACIA MELANOXYLON
PR-27	826	14	ACACIA MELANOXYLON
PR-27	827	5	ACACIA MELANOXYLON
PR-27	828	8	LIGUSTRUM LUCIDUM
PR-27	829	30	PLATANUS RACEMOSA
PR-27	830	11	ACACIA MELANOXYLON
PR-27	831	20, 18	PLATANUS RACEMOSA
PR-27	832	28	PLATANUS RACEMOSA
PR-27	833	8	UNKNOWN
PR-27	834	6	PYRUS CALLERYANA
PR-27	835	10	OLEA EUROPAEA
PR-27	836	5, 5, 5, 5, 5, 5	SCHINUS TEREBINTHIFOLIUS
PR-27	837	9	JUGLANS REGIA
PR-27	838	8	LIGUSTRUM LUCIDUM
PR-27	839	12	PYRUS CALLERYANA
PR-27	1075	7	CERATONIA SILIQUA
PR-27	1076	7	CERATONIA SILIQUA
PR-27	1077	7	CERATONIA SILIQUA
PR-27	1078	7	CERATONIA SILIQUA
PR-27	1079	7	CERATONIA SILIQUA
PR-27	1080	6	CERATONIA SILIQUA
PR-27	1081	6	CERATONIA SILIQUA
PR-27	1082	6	CERATONIA SILIQUA
PR-27	1083	6	CERATONIA SILIQUA
PR-27	1084	6	CERATONIA SILIQUA
PR-27	1085	6	CERATONIA SILIQUA
PR-27	1086	8	CERATONIA SILIQUA
PR-27	1087	9	CERATONIA SILIQUA
PR-27	1088	6	CERATONIA SILIQUA
PR-27	1089	5	CERATONIA SILIQUA
PR-27	1090	4	CERATONIA SILIQUA
PR-27	1091	8	CERATONIA SILIQUA
PR-27	1092	10	CERATONIA SILIQUA
PR-27	1093	6	CERATONIA SILIQUA
PR-27	1094	7	CERATONIA SILIQUA
PR-27	1095	7	CERATONIA SILIQUA
PR-27	1096	7	CERATONIA SILIQUA
PR-27	1097	7	CERATONIA SILIQUA
PR-27	1098	7	CERATONIA SILIQUA

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	1070	1710
 REGISTERED CIVIL ENGINEER			9-29-21 DATE		
October 8, 2021 PLANS APPROVAL DATE					
AECOM 4 N. Second Street Suite 675 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		

PLANT REMOVAL PLAN

PR - 38

LAST REVISION DATE PLOTTED => 8-MAR-2022
 09-29-21 TIME PLOTTED => 11:12

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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

 CONSULTANT - FUNCTIONAL SUPERVISOR
 ABHIJEET R. BHOI
 CALCULATED-DESIGNED BY
 CHECKED BY
 BENJAMIN DEMONBREUN
 TIANHUA SUN
 REVISED BY
 DATE REVISED
 9-29-21
 BD

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	1071	1710

9-29-21
 REGISTERED CIVIL ENGINEER DATE
 October 8, 2021
 PLANS APPROVAL DATE

Abhijeet R. Bhoi
 No. 68606
 Exp. 9-30-23
 CIVIL
 STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

AECOM 4 N. Second Street Suite 675 San Jose, CA 95113	ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607
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TREE REMOVAL SUMMARY (CLEARING AND GRUBBING)

SHEET No.	TREE No.	CALIPER SIZE (DIAMETER AT BREAST HEIGHT (INCH))	(BOTANICAL NAME) SPECIES/DESCRIPTIONS
PR-33	976	3	PYRUS CALLERYANA
PR-33	978	4	PYRUS CALLERYANA
PR-33	979	4	PYRUS CALLERYANA
PR-33	980	4	PYRUS CALLERYANA
PR-33	981	4	PYRUS CALLERYANA
PR-33	983	4	PYRUS CALLERYANA
PR-33	984	5	PYRUS CALLERYANA
PR-33	985	5	PYRUS CALLERYANA
PR-33	987	5	PYRUS CALLERYANA

TREE REMOVAL SUMMARY (CLEARING AND GRUBBING)

SHEET No.	TREE No.	CALIPER SIZE (DIAMETER AT BREAST HEIGHT (INCH))	(BOTANICAL NAME) SPECIES/DESCRIPTIONS
PR-27	1099	7	CERATONIA SILIQUA
PR-27	1100	7	CERATONIA SILIQUA
PR-27	1101	6	CERATONIA SILIQUA
PR-27	1102	6	CERATONIA SILIQUA
PR-27	1103	6	CERATONIA SILIQUA
PR-27	1104	6	CERATONIA SILIQUA
PR-27	1105	10	CERATONIA SILIQUA
PR-27	1106	6	CERATONIA SILIQUA
PR-27	1107	8	ACACIA MELANOXYLON
PR-27	1108	8	ACACIA MELANOXYLON
PR-27	1109	8	ACACIA MELANOXYLON
PR-27	1110	8	ACACIA MELANOXYLON
PR-27	1111	8	ACACIA MELANOXYLON
PR-27	1112	8	ACACIA MELANOXYLON
PR-27	1113	8	ACACIA MELANOXYLON
PR-27	1114	8	ACACIA MELANOXYLON
PR-27	1115	6, 6, 6, 6, 6	CERATONIA SILIQUA
PR-27	1116	3	OLEA EUROPAEA
PR-27	1117	3	OLEA EUROPAEA
PR-27	1118	4	OLEA EUROPAEA
PR-27	1119	4	OLEA EUROPAEA
PR-27	1120	3	OLEA EUROPAEA
PR-27	1121	3	OLEA EUROPAEA
PR-27	1122	3	OLEA EUROPAEA
PR-27	1123	3	OLEA EUROPAEA
PR-27	1124	4	OLEA EUROPAEA
PR-27	1125	5	OLEA EUROPAEA
PR-28	778	12	QUERCUS AGRIFOLIA
PR-28	789	28	PLATANUS RACEMOSA
PR-28	805	14, 13	ACACIA MELANOXYLON
PR-28	808	8, 8, 8, 8, 8	POPULUS FREMONTII
PR-28	809	8, 8	POPULUS FREMONTII
PR-28	810	3, 3, 3, 3, 3	ACACIA MELANOXYLON
PR-33	47	4	CEDRUS DEODARA
PR-33	48	8, 5, 4	SALIX LAEVIGATA
PR-33	55	3	CEDRUS DEODARA
PR-33	56	4	CEDRUS DEODARA
PR-33	57	4	CEDRUS DEODARA
PR-33	58	4	CEDRUS DEODARA
PR-33	59	5	CEDRUS DEODARA
PR-33	933	3	PYRUS CALLERYANA
PR-33	937	5	PYRUS CALLERYANA
PR-33	946	6	PYRUS CALLERYANA
PR-33	950	6	PYRUS CALLERYANA
PR-33	961	7	PYRUS CALLERYANA
PR-33	964	4	LAGERSTROEMIA SP.
PR-33	965	4	LAGERSTROEMIA SP.
PR-33	966	4	LAGERSTROEMIA SP.
PR-33	967	3	LAGERSTROEMIA SP.
PR-33	969	3	LAGERSTROEMIA SP.
PR-33	971	3	LAGERSTROEMIA SP.
PR-33	972	3	PYRUS CALLERYANA
PR-33	973	3	PYRUS CALLERYANA
PR-33	974	3	PYRUS CALLERYANA
PR-33	975	3	PYRUS CALLERYANA

TREE REMOVAL SUMMARY QUANTITIES (CLEARING AND GRUBBING)

SHEET No.	TREE CALIPER SIZE (DIAMETER AT BREAST HEIGHT)					
	2" TO 12"	12" TO 18"	18" TO 24"	24" TO 36"	36" TO 48"	>48"
PR-1	0	0	0	0	0	0
PR-2	14	0	2	5	0	0
PR-3	5	3	0	2	0	0
PR-4	9	4	0	1	0	0
PR-5	3	1	0	2	0	0
PR-6	0	1	2	0	0	0
PR-7	1	0	0	0	0	0
PR-8	0	0	0	0	0	0
PR-9	1	2	2	0	1	0
PR-10	0	1	0	0	0	0
PR-11	1	1	0	1	0	0
PR-12	0	0	0	0	0	0
PR-13	5	3	1	1	0	1
PR-14	7	2	2	1	0	0
PR-15	2	0	1	0	0	0
PR-16	42	9	3	2	2	0
PR-17	20	1	0	1	0	0
PR-18	0	0	0	0	0	0
PR-19	5	4	0	0	0	0
PR-20	30	10	5	2	0	0
PR-21	13	6	2	3	1	1
PR-22	19	2	0	5	0	0
PR-23	22	7	5	1	1	0
PR-24	24	15	4	7	0	1
PR-25	0	0	1	9	1	0
PR-26	9	0	0	0	0	0
PR-27	72	5	0	4	0	0
PR-28	3	0	2	1	0	0
PR-29	0	0	0	0	0	0
PR-30	0	0	0	0	0	0
PR-31	0	0	0	0	0	0
PR-32	0	0	0	0	0	0
PR-33	30	1	0	0	0	0
PR-34	0	0	0	0	0	0
SUBTOTAL	337	78	32	48	6	3
TOTAL	504					

(N) - NOT A SEPARATE BID ITEM

PLANT REMOVAL PLAN PR - 39

LAST REVISION DATE PLOTTED => 8-MAR-2022
 09-29-21 TIME PLOTTED => 11:12

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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Abhi R. Bhoi



REVISOR: BENJAMIN DEMONBREUN
DATE: 9-29-21

SUMMARY OF TREES TO BE PROTECTED WITH THVF

SHEET No.	TREE No.	CALIPER SIZE (DIAMETER AT BREST HEIGHT (INCH))	(BOTANICAL NAME) SPECIES/DESCRIPTIONS
PR-26	83	9	QUERCUS LOBATA
PR-26	84	4	QUERCUS LOBATA
PR-26	85	9	PRUNUS SP.
PR-26	86	8	PRUNUS SP.
PR-26	87	4	QUERCUS CHRYSOLEPIS
PR-26	88	11	QUERCUS CHRYSOLEPIS
PR-26	89	11	PRUNUS SP.
PR-26	90	6	PRUNUS SP.
PR-26	91	8	PRUNUS SP.
PR-26	92	8, 6, 8, 5	PRUNUS SP.
PR-26	115	6, 3, 4, 4	QUERCUS LOBATA
PR-26	116	20	EUCALYPTUS SP.
PR-26	117	11	EUCALYPTUS SP.
PR-26	118	36	EUCALYPTUS SP.
PR-26	119	13	QUERCUS CHRYSOLEPIS
PR-26	120	9	QUERCUS AGRIFOLIA
PR-26	121	8	QUERCUS AGRIFOLIA
PR-26	130	6	PRUNUS SP.
PR-26	140	7	PRUNUS SP.
PR-26	141	6	PRUNUS SP.
PR-26	143	6	PRUNUS SP.
PR-26	144	5	QUERCUS AGRIFOLIA
PR-26	145	5	QUERCUS LOBATA
PR-26	146	6	PRUNUS SP.
PR-26	147	7	PRUNUS SP.
PR-26	148	4	PRUNUS SP.
PR-26	149	6	PRUNUS SP.
PR-26	150	5	PRUNUS SP.
PR-26	151	4	QUERCUS AGRIFOLIA
PR-26	152	4	PRUNUS SP.
PR-26	153	4	QUERCUS AGRIFOLIA
PR-26	156	5	PRUNUS SP.
PR-26	157	5	PRUNUS SP.
PR-26	1603	6, 5, 8	CERATONIA SILIQUA
PR-26	1604	11, 8, 5	CERATONIA SILIQUA
PR-26	1605	10, 9, 8	CERATONIA SILIQUA
PR-26	1606	11, 10, 8	CERATONIA SILIQUA
PR-26	1607	8	CERATONIA SILIQUA
PR-26	1613	8	ACACIA DEALBATA
PR-26	1745	5	LIGUSTRUM LUCIDUM
PR-26	1746	5	LIGUSTRUM LUCIDUM
PR-26	1747	5	LIGUSTRUM LUCIDUM
PR-26	1748	5	LIGUSTRUM LUCIDUM
PR-26	1749	5	LIGUSTRUM LUCIDUM
PR-26	1751	8	CERATONIA SILIQUA
PR-26	1752	8	CERATONIA SILIQUA
PR-26	1753	8	CERATONIA SILIQUA
PR-26	1754	8	CERATONIA SILIQUA
PR-26	1755	8	CERATONIA SILIQUA
PR-26	1756	8	CERATONIA SILIQUA
PR-26	1757	8	CERATONIA SILIQUA
PR-26	1758	8	CERATONIA SILIQUA
PR-26	1759	8	CERATONIA SILIQUA
PR-26	1760	8	CERATONIA SILIQUA
PR-26	1761	8	CERATONIA SILIQUA

SUMMARY OF TREES TO BE PROTECTED WITH THVF

SHEET No.	TREE No.	CALIPER SIZE (DIAMETER AT BREST HEIGHT (INCH))	(BOTANICAL NAME) SPECIES/DESCRIPTIONS
PR-26	1762	8	CERATONIA SILIQUA
PR-26	1763	8	CERATONIA SILIQUA
PR-26	1764	8	CERATONIA SILIQUA
PR-26	1765	8	CERATONIA SILIQUA
PR-26	1810	7	CERATONIA SILIQUA
PR-26	1811	7	CERATONIA SILIQUA
PR-26	1813	7	CERATONIA SILIQUA
PR-26	1814	8	CERATONIA SILIQUA
PR-26	1815	8	CERATONIA SILIQUA
PR-26	1816	8	CERATONIA SILIQUA
PR-26	1817	8	CERATONIA SILIQUA
PR-26	1818	8	CERATONIA SILIQUA
PR-26	1819	8	CERATONIA SILIQUA
PR-27	124	4	QUERCUS AGRIFOLIA
PR-27	125	11	QUERCUS CHRYSOLEPIS
PR-27	126	24	QUERCUS AGRIFOLIA
PR-27	127	9	QUERCUS AGRIFOLIA
PR-27	819	8	UNKNOWN
PR-27	840	17	ACACIA MELANOXYLON
PR-27	841	10, 7, 7	SCHINUS TEREBINTHIFOLIUS
PR-27	842	8	ACACIA MELANOXYLON
PR-27	843	10	ACACIA MELANOXYLON
PR-27	1592	5	CERATONIA SILIQUA
PR-27	1593	5	CERATONIA SILIQUA
PR-27	1594	5	CERATONIA SILIQUA
PR-27	1595	5	CERATONIA SILIQUA
PR-27	1596	5	CERATONIA SILIQUA
PR-28	774	13, 11	LIGUSTRUM LUCIDUM
PR-28	776	6	QUERCUS AGRIFOLIA
PR-28	777	8	QUERCUS ILEX
PR-28	779	12	ACACIA MELANOXYLON
PR-28	780	10	QUERCUS AGRIFOLIA
PR-28	781	9, 5	ACACIA MELANOXYLON
PR-28	782	11	ACACIA MELANOXYLON
PR-28	783	7	QUERCUS AGRIFOLIA
PR-28	784	4	ACACIA DEALBATA
PR-28	785	9	ACACIA DEALBATA
PR-28	786	8, 6	ACACIA DEALBATA
PR-28	787	10	ACACIA DEALBATA
PR-28	788	4	QUERCUS AGRIFOLIA
PR-28	790	35	PLATANUS RACEMOSA
PR-28	791	4	JUGLANS REGIA
PR-28	792	30	PLATANUS RACEMOSA
PR-28	793	6	QUERCUS CHRYSOLEPIS
PR-28	794	3	QUERCUS AGRIFOLIA
PR-28	795	7	POPULUS NIGRA
PR-28	796	5	POPULUS NIGRA
PR-28	797	4	QUERCUS AGRIFOLIA
PR-28	798	6	QUERCUS CHRYSOLEPIS
PR-28	799	8	PYRUS CALLERYANA
PR-28	800	10	QUERCUS AGRIFOLIA
PR-28	801	8	OLEA EUROPAEA
PR-28	802	5	OLEA EUROPAEA
PR-28	803	6	QUERCUS AGRIFOLIA
PR-28	804	8	OLEA EUROPAEA

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	1075	1710
REGISTERED CIVIL ENGINEER DATE 9-29-21 October 8, 2021 PLANS APPROVAL DATE					
AECOM 4 N. Second Street Suite 675 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		

PLANT REMOVAL PLAN

PR-43



LAST REVISION: 09-29-21 DATE PLOTTED => 8-MAR-2022 TIME PLOTTED => 11:13

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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT	FUNCTIONAL SUPERVISOR	ABHIJEET R. BHOI
	CALCULATED-DESIGNED BY	CHECKED BY	
BENJAMIN DEMONBREUN	TIANHUA SUN		
REVISOR	DATE	REVISED BY	DATE
BD	9-29-21		

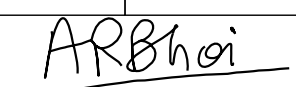
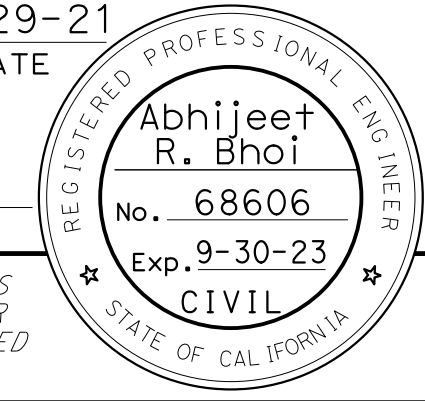


SUMMARY OF TREES TO BE PROTECTED WITH THVF

SHEET No.	TREE No.	CALIPER SIZE (DIAMETER AT BREST HEIGHT (INCH))	(BOTANICAL NAME) SPECIES/DESCRIPTIONS
PR-28	806	4	ACACIA MELANOXYLON
PR-28	807	3, 3, 3, 3, 3	OLEA EUROPAEA
PR-29	405	3	PITTOSPORUM UNDULATUM
PR-29	406	5, 4	ULMUS SP.
PR-29	407	6	QUERCUS AGRIFOLIA
PR-29	408	4	PITTOSPORUM UNDULATUM
PR-29	409	4	QUERCUS AGRIFOLIA
PR-29	410	5	QUERCUS AGRIFOLIA
PR-29	411	4	QUERCUS AGRIFOLIA
PR-29	412	5	QUERCUS LOBATA
PR-29	413	7	QUERCUS AGRIFOLIA
PR-29	414	7	QUERCUS AGRIFOLIA
PR-29	415	5	QUERCUS AGRIFOLIA
PR-29	416	4	QUERCUS AGRIFOLIA
PR-29	417	4	QUERCUS LOBATA
PR-29	418	8	QUERCUS AGRIFOLIA
PR-29	419	9	QUERCUS AGRIFOLIA
PR-29	420	4, 4, 4	PRUNUS DULCIS
PR-30	421	10	QUERCUS AGRIFOLIA
PR-30	422	4	OLEA EUROPAEA
PR-30	423	11	QUERCUS LOBATA
PR-30	424	3	QUERCUS LOBATA
PR-30	425	3	OLEA EUROPAEA
PR-30	426	5, 5, 5, 5, 5	CERATONIA SILIQUA
PR-30	427	4	QUERCUS LOBATA
PR-30	428	3	QUERCUS AGRIFOLIA
PR-30	429	4	QUERCUS LOBATA
PR-30	430	5	QUERCUS LOBATA
PR-30	431	5	QUERCUS LOBATA
PR-30	432	10	QUERCUS AGRIFOLIA
PR-30	433	9	QUERCUS AGRIFOLIA
PR-30	434	7	PINUS CANARIENSIS
PR-30	435	4	UNKNOWN
PR-30	436	8	QUERCUS AGRIFOLIA
PR-30	437	4	QUERCUS AGRIFOLIA
PR-30	438	5	QUERCUS AGRIFOLIA
PR-30	439	6, 5	QUERCUS AGRIFOLIA
PR-30	440	6	PINUS CANARIENSIS
PR-30	441	5	QUERCUS AGRIFOLIA
PR-30	442	5	QUERCUS AGRIFOLIA
PR-30	443	5	QUERCUS AGRIFOLIA
PR-30	444	5	QUERCUS AGRIFOLIA
PR-31	60	3, 3	LIGUSTRUM LUCIDUM
PR-31	61	5, 4	LIGUSTRUM LUCIDUM
PR-31	62	4, 3	LIGUSTRUM LUCIDUM
PR-31	63	3, 3	LIGUSTRUM LUCIDUM
PR-31	64	3	LIGUSTRUM LUCIDUM
PR-31	65	5, 4	LIGUSTRUM LUCIDUM
PR-31	66	3	LIGUSTRUM LUCIDUM
PR-31	67	9	QUERCUS AGRIFOLIA
PR-31	445	7, 6, 6	QUERCUS AGRIFOLIA
PR-31	446	6	QUERCUS AGRIFOLIA
PR-31	447	7	QUERCUS AGRIFOLIA
PR-31	448	6	QUERCUS AGRIFOLIA
PR-31	449	5, 4	QUERCUS AGRIFOLIA

SUMMARY OF TREES TO BE PROTECTED WITH THVF


SHEET No.	TREE No.	CALIPER SIZE (DIAMETER AT BREST HEIGHT (INCH))	(BOTANICAL NAME) SPECIES/DESCRIPTIONS
PR-31	450	7, 6	QUERCUS AGRIFOLIA
PR-31	451	8	QUERCUS AGRIFOLIA
PR-31	452	6, 5	QUERCUS AGRIFOLIA
PR-31	453	7	QUERCUS AGRIFOLIA
PR-31	454	8, 7	QUERCUS AGRIFOLIA
PR-31	455	7, 6	QUERCUS AGRIFOLIA
PR-31	456	6	QUERCUS AGRIFOLIA
PR-31	457	3	QUERCUS AGRIFOLIA
PR-32	68	5	PRUNUS SP.
PR-32	69	2	QUERCUS AGRIFOLIA
PR-32	70	7, 6	MAYTENUUS BOARIA
PR-32	74	11	ULMUS AMERICANA
PR-32	75	6	ULMUS AMERICANA
PR-32	76	3	ULMUS AMERICANA
PR-32	77	6, 5, 4	ULMUS AMERICANA
PR-32	78	10, 7	QUERCUS AGRIFOLIA
PR-32	79	9	PLATANUS * HISPANICA
PR-32	80	9, 8, 8, 8, 7	QUERCUS CHRYSOLEPIS
PR-32	1008	6	ULMUS PARVIFOLIA
PR-32	1009	6	ULMUS PARVIFOLIA
PR-32	1010	6	ULMUS PARVIFOLIA
PR-32	1011	6	ULMUS PARVIFOLIA
PR-32	1012	6	ULMUS PARVIFOLIA
PR-32	1013	6	ULMUS PARVIFOLIA
PR-32	1014	6	ULMUS PARVIFOLIA
PR-32	1015	6	ULMUS PARVIFOLIA
PR-32	1016	6	ULMUS PARVIFOLIA
PR-32	1017	6	ULMUS PARVIFOLIA
PR-32	1018	5	ULMUS PARVIFOLIA
PR-32	1019	5	ULMUS PARVIFOLIA
PR-32	1020	5	ULMUS PARVIFOLIA
PR-32	1021	5	ULMUS PARVIFOLIA
PR-32	1022	5	ULMUS PARVIFOLIA
PR-32	1023	5	ULMUS PARVIFOLIA
PR-32	1024	5	ULMUS PARVIFOLIA
PR-32	1025	5	ULMUS PARVIFOLIA
PR-32	1026	5	ULMUS PARVIFOLIA
PR-32	1027	5	ULMUS PARVIFOLIA
PR-32	1028	5	ULMUS PARVIFOLIA
PR-32	1029	5	ULMUS PARVIFOLIA
PR-32	1030	4	ULMUS PARVIFOLIA
PR-32	1031	4	ULMUS PARVIFOLIA
PR-32	1032	4	ULMUS PARVIFOLIA
PR-32	1033	7	ULMUS PARVIFOLIA
PR-32	1034	7	ULMUS PARVIFOLIA
PR-32	1035	7	ULMUS PARVIFOLIA
PR-32	1036	7	ULMUS PARVIFOLIA
PR-33	49	3	CEDRUS DEODARA
PR-33	926	3	PYRUS CALLERYANA
PR-33	927	3	PYRUS CALLERYANA
PR-33	928	3	PYRUS CALLERYANA
PR-33	929	3	PYRUS CALLERYANA
PR-33	930	3	PYRUS CALLERYANA
PR-33	934	5	PYRUS CALLERYANA
PR-33	941	5	PYRUS CALLERYANA

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	1076	1710
			9-29-21		
REGISTERED CIVIL ENGINEER			DATE		
October 8, 2021			PLANS APPROVAL DATE		
					
AECOM 4 N. Second Street Suite 675 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		

PLANT REMOVAL PLAN

PR-44



O:\0030\UDRAFT\ING\FINAL_P5&E\0420000235se045.dgn
 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION


BENJAMIN DEMONBREUN
 TIANHUA SUN
 REVISOR
 DATE
 9-29-21

CALCULATED-DESIGNED BY
 CHECKED BY

CONSULTANT FUNCTIONAL SUPERVISOR
 ABHIJEET R. BHOI

USERNAME => p302438
 DGN FILE => 0420000235se045.dgn

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	1077	1710

9-29-21
 REGISTERED CIVIL ENGINEER DATE

October 8, 2021
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
Abhijeet R. Bhoi
 No. 68606
 Exp. 9-30-23
 CIVIL
 STATE OF CALIFORNIA

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AECOM 4 N. Second Street Suite 675 San Jose, CA 95113	ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607
--	--

SUMMARY OF TREES TO BE PROTECTED WITH THVF

SHEET No.	TREE No.	CALIPER SIZE (DIAMETER AT BREAST HEIGHT (INCH))	(BOTANICAL NAME) SPECIES/DESCRIPTIONS
PR-33	942	5	PYRUS CALLERYANA
PR-33	945	6	PYRUS CALLERYANA
PR-33	949	6	PYRUS CALLERYANA
PR-33	952	6	PYRUS CALLERYANA
PR-33	953	6	PYRUS CALLERYANA
PR-33	954	4	PYRUS CALLERYANA
PR-33	955	4	PYRUS CALLERYANA
PR-33	958	4	PYRUS CALLERYANA
PR-33	960	7	PYRUS CALLERYANA
PR-33	962	4	LIGUSTRUM LUCIDUM
PR-33	963	4	LAGERSTROEMIA SP.
PR-33	968	3	LAGERSTROEMIA SP.
PR-33	970	3	LAGERSTROEMIA SP.
PR-33	977	4	PYRUS CALLERYANA
PR-33	982	4	PYRUS CALLERYANA
PR-33	986	5	PYRUS CALLERYANA
PR-34	50	5	PLATANUS RACEMOSA
PR-34	51	9	QUERCUS CHRYSOLEPIS
PR-34	52	3	QUERCUS CHRYSOLEPIS
PR-34	53	4	ULMUS PARVIFOLIA
PR-34	54	4	QUERCUS CHRYSOLEPIS
PR-34	924	3	PYRUS CALLERYANA
PR-34	925	3	PYRUS CALLERYANA
PR-34	931	3	PYRUS CALLERYANA
PR-34	932	3	PYRUS CALLERYANA
PR-34	935	5	PYRUS CALLERYANA
PR-34	936	5	PYRUS CALLERYANA
PR-34	938	5	PYRUS CALLERYANA
PR-34	939	5	PYRUS CALLERYANA
PR-34	940	5	PYRUS CALLERYANA
PR-34	943	5	PYRUS CALLERYANA
PR-34	944	6	PYRUS CALLERYANA
PR-34	947	6	PYRUS CALLERYANA
PR-34	948	6	PYRUS CALLERYANA
PR-34	951	6	PYRUS CALLERYANA
PR-34	956	4	PYRUS CALLERYANA
PR-34	957	4	PYRUS CALLERYANA
PR-34	959	7	PYRUS CALLERYANA

TEMPORARY HIGH-VISIBILITY FENCE

SHEET No.	TEMPORARY HIGH-VISIBILITY FENCE
	LF
PR-1	160
PR-2	588
PR-3	281
PR-4	1,856
PR-5	511
PR-6	97
PR-7	451
PR-8	697
PR-9	252
PR-10	673
PR-11	379
PR-12	246
PR-13	449
PR-14	98
PR-15	84
PR-16	447
PR-17	1,347
PR-18	1,104
PR-19	725
PR-21	272
PR-22	509
PR-23	597
PR-24	515
PR-25	1,182
PR-26	1,571
PR-27	541
PR-28	1,211
PR-29	348
PR-30	1,020
PR-31	622
PR-32	531
PR-33	668
PR-34	275
SHEET TOTAL	20,306

PLANT REMOVAL PLAN PR-45

LAST REVISION DATE PLOTTED => 8-MAR-2022
 09-29-21 TIME PLOTTED => 11:13

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	1078	1710

Leah Haygood
 LICENSED LANDSCAPE ARCHITECT

October 8, 2021
 PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

Leah Haygood
 LEAH HAYGOOD
 Signature
 8-31-23
 Renewal Date
 10-8-21
 DATE
 STATE OF CALIFORNIA

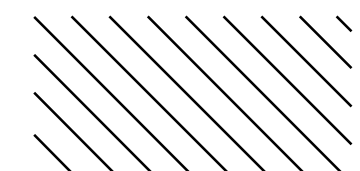
HAYGOOD & ASSOCIATES
 647 Santa Barbara Road
 Berkeley, CA 94707

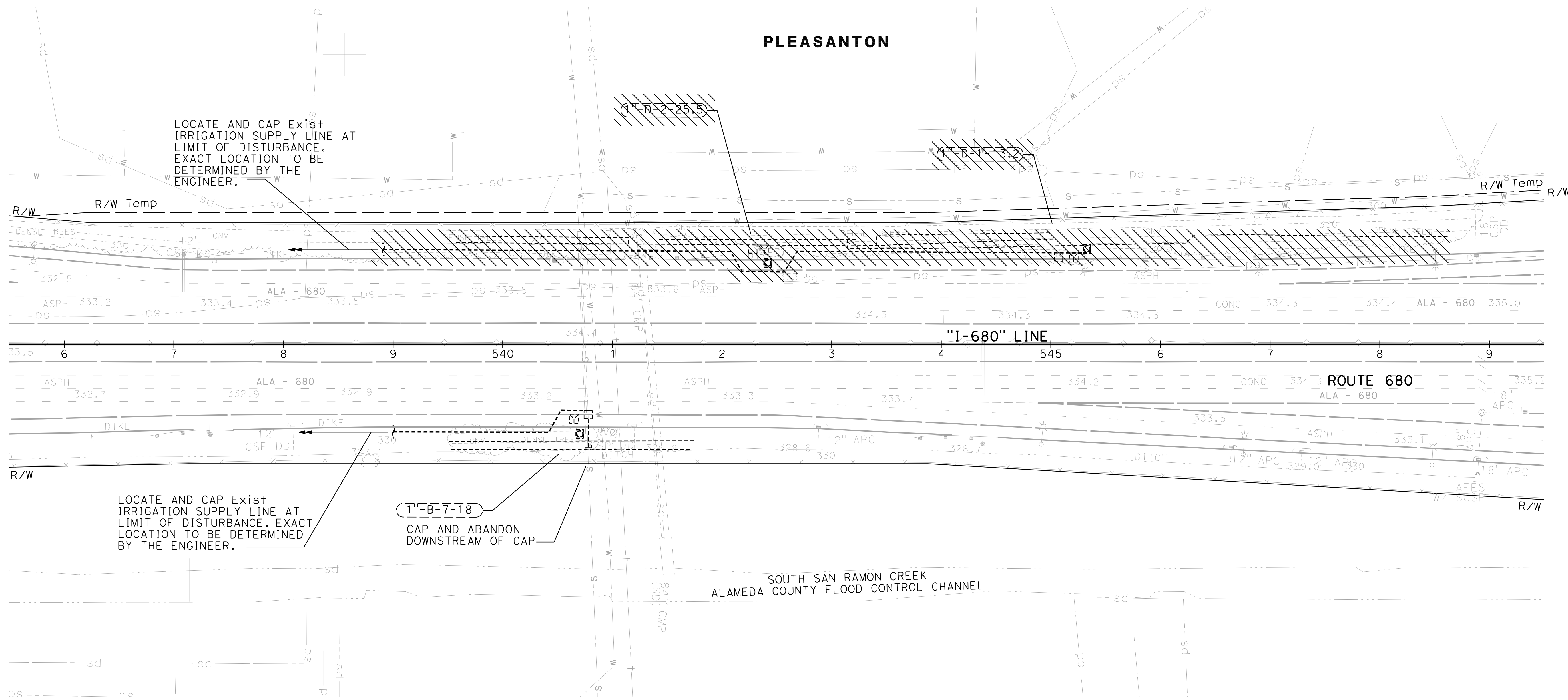
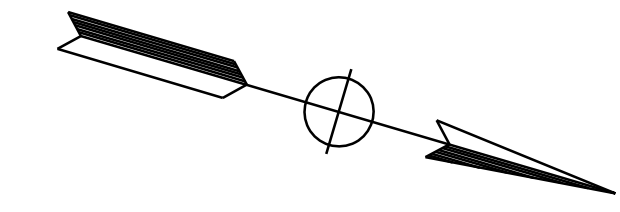
ALAMEDA CTC
 1111 Broadway
 Suite 800
 Oakland, CA 94607

NOTE:

FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

LEGEND

 EXISTING IRRIGATION TO BE REMOVED. REMOVE ALL PIPE, SPRINKLERS AND APPURTENANCES DOWNSTREAM OF Exist RCV TO BE REMOVED, UNLESS OTHERWISE SHOWN.



LOCATE AND CAP Exist IRRIGATION SUPPLY LINE AT LIMIT OF DISTURBANCE. EXACT LOCATION TO BE DETERMINED BY THE ENGINEER.

LOCATE AND CAP Exist IRRIGATION SUPPLY LINE AT LIMIT OF DISTURBANCE. EXACT LOCATION TO BE DETERMINED BY THE ENGINEER.

(1'-B-7-18)
 CAP AND ABANDON DOWNSTREAM OF CAP

SOUTH SAN RAMON CREEK
 ALAMEDA COUNTY FLOOD CONTROL CHANNEL

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 Et Caltrans®
 REQUEST

CALCULATED-DESIGNED BY
 CHECKED BY
 SIMON KENNEY
 LEAH HAYGOOD
 S.K.K.
 9-29-21
 REVISED BY
 DATE REVISED

CONSULTANT FUNCTIONAL SUPERVISOR
 TIMOTHY J. LEE

DEPARTMENT OF TRANSPORTATION

APPROVED FOR IRRIGATION REMOVAL WORK ONLY

IRRIGATION REMOVAL

SCALE: 1" = 50'

IR-1

USERNAME => Simon
 DGN FILE => sn001.dgn



UNIT 0733

PROJECT NUMBER & PHASE

04200002351

BORDER LAST REVISED 7/2/2010

LAST REVISION => 2/7/2022
 DATE PLOTTED => 10:45:17 AM
 9-29-21
 TIME PLOTTED => 10:45:17 AM

NOTE:
FOR ACCURATE RIGHT OF WAY DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	1079	1710

Leah Haygood
LICENSED LANDSCAPE ARCHITECT

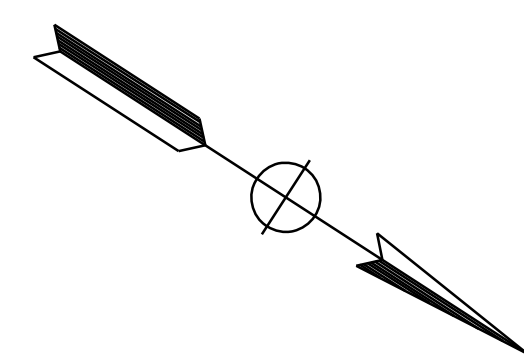
October 8, 2021
PLANS APPROVAL DATE

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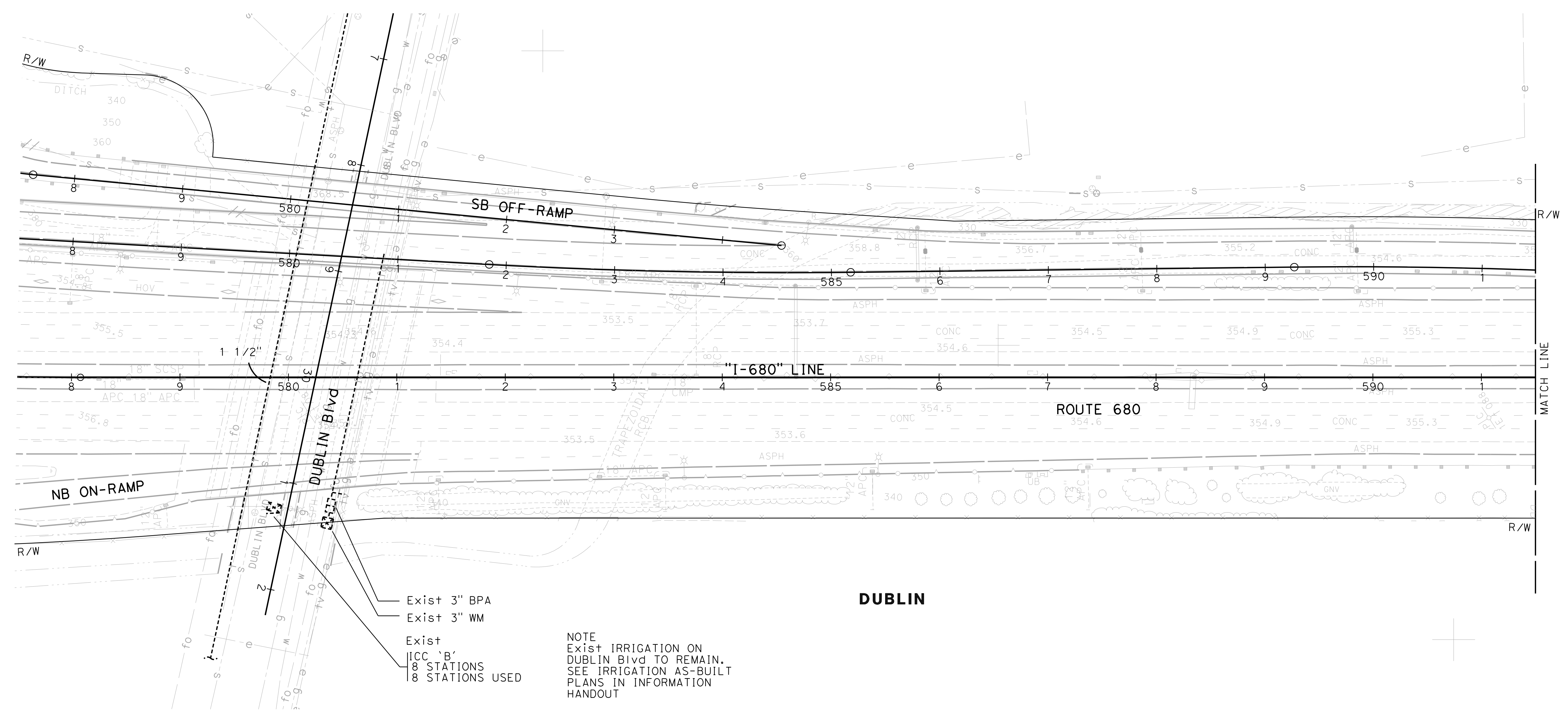
Leah Haygood
LEAH HAYGOOD
Signature
8-31-23
Renewal Date
10-8-21
DATE
STATE OF CALIFORNIA

HAYGOOD & ASSOCIATES
647 Santa Barbara Road
Berkeley, CA 94707

ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607



DUBLIN



- Exist 3" BPA
- Exist 3" WM
- Exist ICC 'B'
- 8 STATIONS
- 8 STATIONS USED

NOTE
Exist IRRIGATION ON
DUBLIN Blvd TO REMAIN.
SEE IRRIGATION AS-BUILT
PLANS IN INFORMATION
HANDOUT

DUBLIN

APPROVED FOR IRRIGATION REMOVAL WORK ONLY

IRRIGATION REMOVAL
SCALE: 1" = 50'
IR-2

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 Et Caltrans®
 9-29-21

BORDER LAST REVISED 7/2/2010

USERNAME => Simon
DGN FILE => sn002.dgn

RELATIVE BORDER SCALE
15 IN INCHES

UNIT 0733

PROJECT NUMBER & PHASE

0420002351

LAST REVISION: 2/7/2022
 DATE PLOTTED => 2/7/2022
 TIME PLOTTED => 10:45:18 AM

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	1080	1710

Leah Haygood
 LICENSED LANDSCAPE ARCHITECT

October 8, 2021
 PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

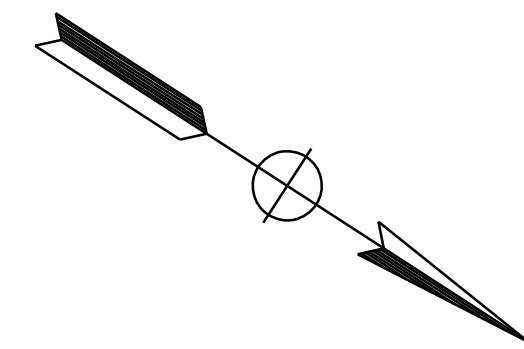
Leah Haygood
 LEAH HAYGOOD
 Signature
 8-31-23
 Renewal Date
 10-8-21
 State of California

HAYGOOD & ASSOCIATES
 647 Santa Barbara Road
 Berkeley, CA 94707

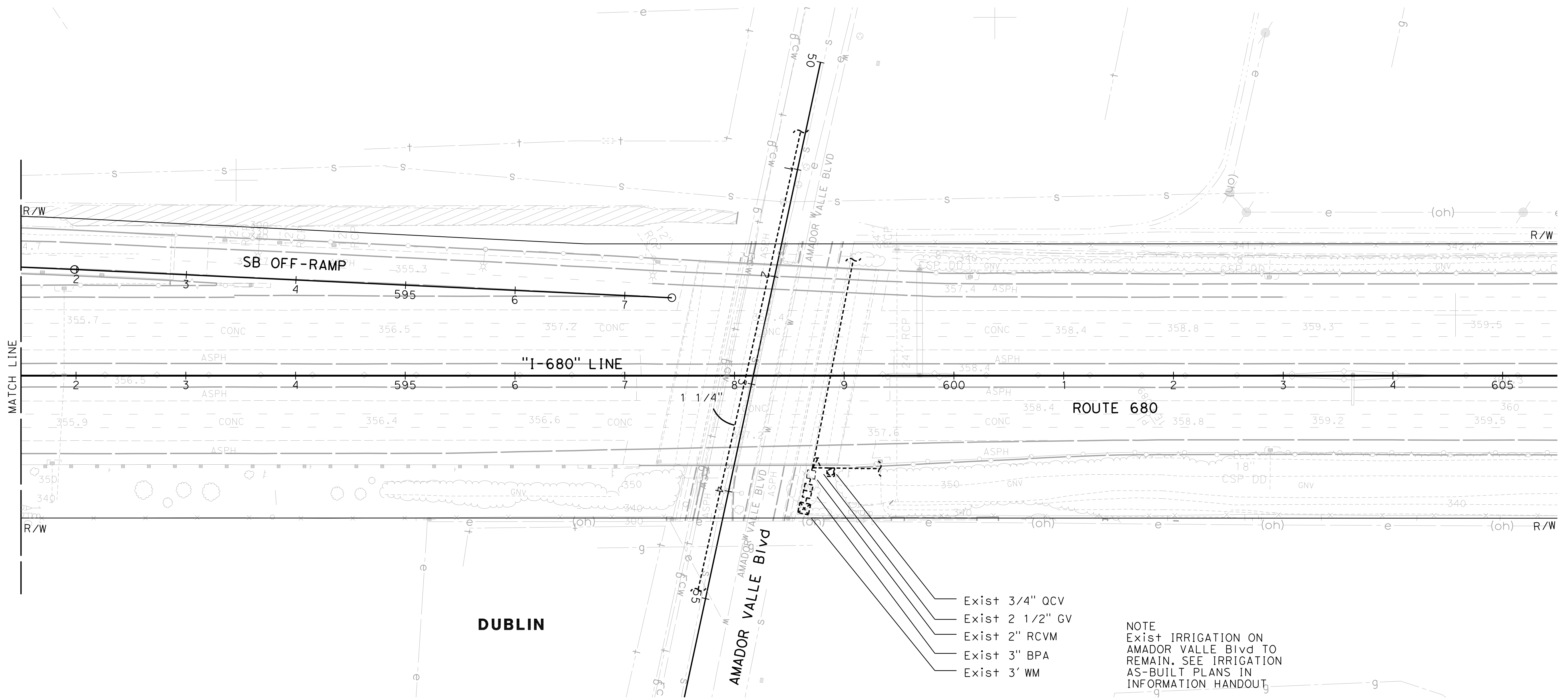
ALAMEDA CTC
 1111 Broadway
 Suite 800
 Oakland, CA 94607

NOTE:

FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



DUBLIN



DUBLIN

APPROVED FOR IRRIGATION REMOVAL WORK ONLY

IRRIGATION REMOVAL

SCALE: 1" = 50'

IR-3

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	DESIGNED BY	REVISOR	DATE
ET Caltrans	TIMOTHY J. LEE	SIMON KENNEY	S.K.K.	9-29-21
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CHECKED BY	LEAH HAYGOOD		

USERNAME => Simon
 DGN FILE => sn003.dgn

RELATIVE BORDER SCALE
 1" = 10' INCHES




UNIT 0733

PROJECT NUMBER & PHASE

04200002351

BORDER LAST REVISED 7/2/2010

DATE PLOTTED => 2/7/2022
 TIME PLOTTED => 10:45:18 AM

O:\0030\UDRAFT\ING\FINAL_P58E\0420000235+c001.dgn
 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

 JLR
 REVISED BY
 J. RUSHTON
 CALCULATED/DESIGNED BY
 CHECKED BY
 CONSULTANT - FUNCTIONAL SUPERVISOR
 TIMOTHY J. LEE
 TRANSPORTATION

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	1082	1710

REGISTERED CIVIL ENGINEER
 NIVEDITA U. PENDSE
 No. C63593
 Exp. 9-30-22
 CIVIL
 STATE OF CALIFORNIA

9-29-21
 DATE
 October 8, 2021
 PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WMH CORPORATION 55 South Market St Suite 1200 San Jose, CA 95113	ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607
---	--

EROSION CONTROL TYPE 1

SEQUENCE	ITEM	MATERIAL	MATERIAL TYPE	APPLICATION RATE	DEPTH	REMARKS
STEP 1	COMPOST	COMPOST	MEDIUM	130 CY/ACRE	1"	
STEP 2	FIBER ROLLS	FIBER ROLL	8" TO 10" Dia	-		TYPE 1 FIBER ROLL INSTALLATION
STEP 3	HYDROSEED	SEED	MIX 1	50 LB/ACRE		-
		FERTILIZER	ORGANIC	800 LB/ACRE		
		FIBER	WOOD	1000 LB/ACRE		
STEP 4	HYDROMULCH	FIBER	AI+	2500 LB/ACRE		-
		TACKIFIER	GUAR	125 LB/ACRE		

EROSION CONTROL TYPE 2

SEQUENCE	ITEM	MATERIAL	MATERIAL TYPE	APPLICATION RATE	DEPTH	REMARKS
STEP 1	COMPOST	COMPOST	MEDIUM	130 CY/ACRE	1"	
STEP 2	ROLLED EROSION CONTROL PRODUCT (NETTING)	NETTING	TYPE A	-		-
STEP 3	FIBER ROLLS	FIBER ROLL	8" TO 10" Dia	-		TYPE 2 FIBER ROLL INSTALLATION
STEP 4	HYDROSEED	SEED	MIX 1	50 LB/ACRE		-
		FERTILIZER	ORGANIC	800 LB/ACRE		
		FIBER	WOOD	1000 LB/ACRE		
STEP 5	HYDROMULCH	FIBER	AI+	2500 LB/ACRE		-
		TACKIFIER	GUAR	125 LB/ACRE		

EROSION CONTROL TYPE 3 - BIORETENTION SWALE AND BASIN

SEQUENCE	ITEM	MATERIAL	MATERIAL TYPE	APPLICATION RATE	DEPTH	REMARKS
STEP 1	COMPOST	COMPOST	MEDIUM	130 CY/ACRE	1"	
STEP 2	HYDROSEED	SEED	MIX 2	62 LB/ACRE		
		FERTILIZER	ORGANIC	800 LB/ACRE		
		FIBER	WOOD	1000 LB/ACRE		
STEP 3	HYDROMULCH	FIBER	AI+	2500 LB/ACRE		-
		TACKIFIER	GUAR	125 LB/ACRE		
STEP 4	ROLLED EROSION CONTROL PRODUCT (BLANKET)	BLANKET	TYPE C	-		-
STEP 5	FIBER ROLLS	FIBER ROLL	8" TO 10" Dia	-		TYPE 2 FIBER ROLL INSTALLATION

EROSION CONTROL TYPE 4

SEQUENCE	ITEM	MATERIAL	MATERIAL TYPE	APPLICATION RATE	DEPTH	REMARKS
STEP 1	COMPOST	COMPOST	MEDIUM	130 CY/ACRE	1"	
STEP 2	DRY SEED	SEED	MIX 1	50 LB/ACRE		
STEP 3	ROLLED EROSION CONTROL PRODUCT (NETTING)	NETTING	TYPE B	-		-
STEP 4	HYDROSEED	SEED	MIX 1	50 LB/ACRE		
		FERTILIZER	ORGANIC	800 LB/ACRE		
		FIBER	WOOD	1000 LB/ACRE		
STEP 5	FIBER ROLLS	FIBER ROLL	8" TO 10" Dia	-		TYPE 2 FIBER ROLL INSTALLATION
STEP 6	HYDROMULCH	FIBER	AI+	2500 LB/ACRE		-
		TACKIFIER	GUAR	125 LB/ACRE		

EROSION CONTROL TYPE 5

SEQUENCE	ITEM	MATERIAL	MATERIAL TYPE	APPLICATION RATE	DEPTH	REMARKS
STEP 1	IMPORTED TOPSOIL			1608 CY/ACRE	1 FOOT	SEE NOTE 1
STEP 2	DRY SEED	SEED	MIX 1	50 LB/ACRE		
STEP 3	ROLLED EROSION CONTROL PRODUCT (NETTING)	NETTING	TYPE B			SEE SHt ECD-2 WRAPPED FACE
STEP 4	COMPOST	COMPOST	MEDIUM	130 CY/ACRE	1"	
STEP 5	HYDROSEED	SEED	MIX 1	50 LB/ACRE		
		FERTILIZER	ORGANIC	800 LB/ACRE		
		FIBER	WOOD	1000 LB/ACRE		
STEP 6	FIBER ROLLS	FIBER ROLL	8" TO 10" Dia			TYPE 2 FIBER ROLL INSTALLATION
STEP 7	HYDROMULCH	FIBER	AI+	2500 LB/ACRE		-
		TACKIFIER	GUAR	125 LB/ACRE		

NOTES:
 1. PLACE IMPORTED TOPSOIL WITH GEOSYNTHETIC REINFORCED EMBANKMENT (GRE). SEE SHEET ECD-2.

EROSION CONTROL LEGEND
ECL - 1

LAST REVISION DATE PLOTTED => 8-MAR-2022
 09-29-21 TIME PLOTTED => 11:13

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	1083	1710

REGISTERED CIVIL ENGINEER: *Nivedita U. Pendse*
 DATE: 9-29-21
 PLANS APPROVAL DATE: October 8, 2021

REGISTERED PROFESSIONAL ENGINEER
 NIVEDITA U. PENDSE
 No. C63593
 Exp. 9-30-22
 CIVIL
 STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.


WMH CORPORATION 55 South Market St Suite 1200 San Jose, CA 95113	ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607
---	--

SEED MIX 1

BOTANICAL NAME (COMMON NAME)	PERCENT GERMINATION (MINIMUM)	POUNDS PURE LIVE SEED PER ACRE (SLOPE MEASUREMENT)
LASTHENIA CALIFORNICA (CALIFORNIA GOLDFIELDS)	30	4
TRIFOLIUM WILLDENOVII (TOMCAT CLOVER)	50	3
KOELERIA MACRANTHA (JUNEGRASS)	50	3
ESCHSCHOLZIA CALIFORNICA (CALIFORNIA POPPY)	30	6
FESTUCA RUBRA MOLATE (MOLATE RED FESCUE)	50	10
VULPIA MICROSTACHYS (SMALL FESCUE)	50	6
AGROSTIS PALLENS (SAN DIEGO BENTGRASS)	50	5
JUNCUS MEXICANUS (MEXICAN RUSH)	50	5
JUNCUS BUFONIUS (TOAD RUSH)	50	5
BACCHARIS PILULARIS (COYOTE BRUSH)	30	3


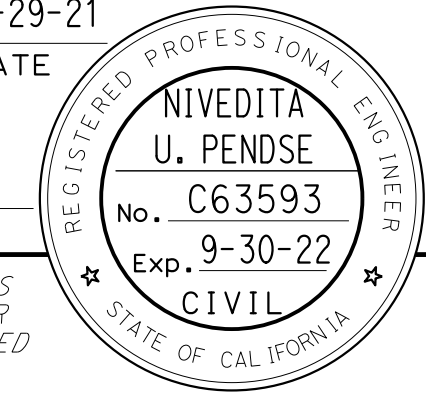
SEED MIX 2

BOTANICAL NAME (COMMON NAME)	PERCENT GERMINATION (MINIMUM)	POUNDS PURE LIVE SEED PER ACRE (SLOPE MEASUREMENT)
BROMUS CARINATUS (CALIFORNIA BROME)	75	11
DESCHAMPSIA ELONGATA (SLENDER HAIRGRASS)	30	4
FESTUCA RUBRA MOLATE (MOLATE RED FESCUE)	50	10
HORDEUM BRACHYANTHERUM (MEADOW BARLEY)	50	12
LEYMUS TRITICOIDES 'RIO' (CREEPING WILDRYE)	50	5
NASSELLA PULCHRA (PURPLE NEEDLEGRASS)	50	11
VULPIA MICROSTACHYS (SMALL FESCUE)	50	6
BACCHARIS PILULARIS (COYOTE BRUSH)	30	3

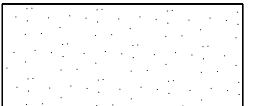
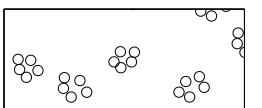
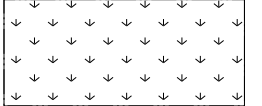

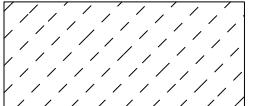
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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION


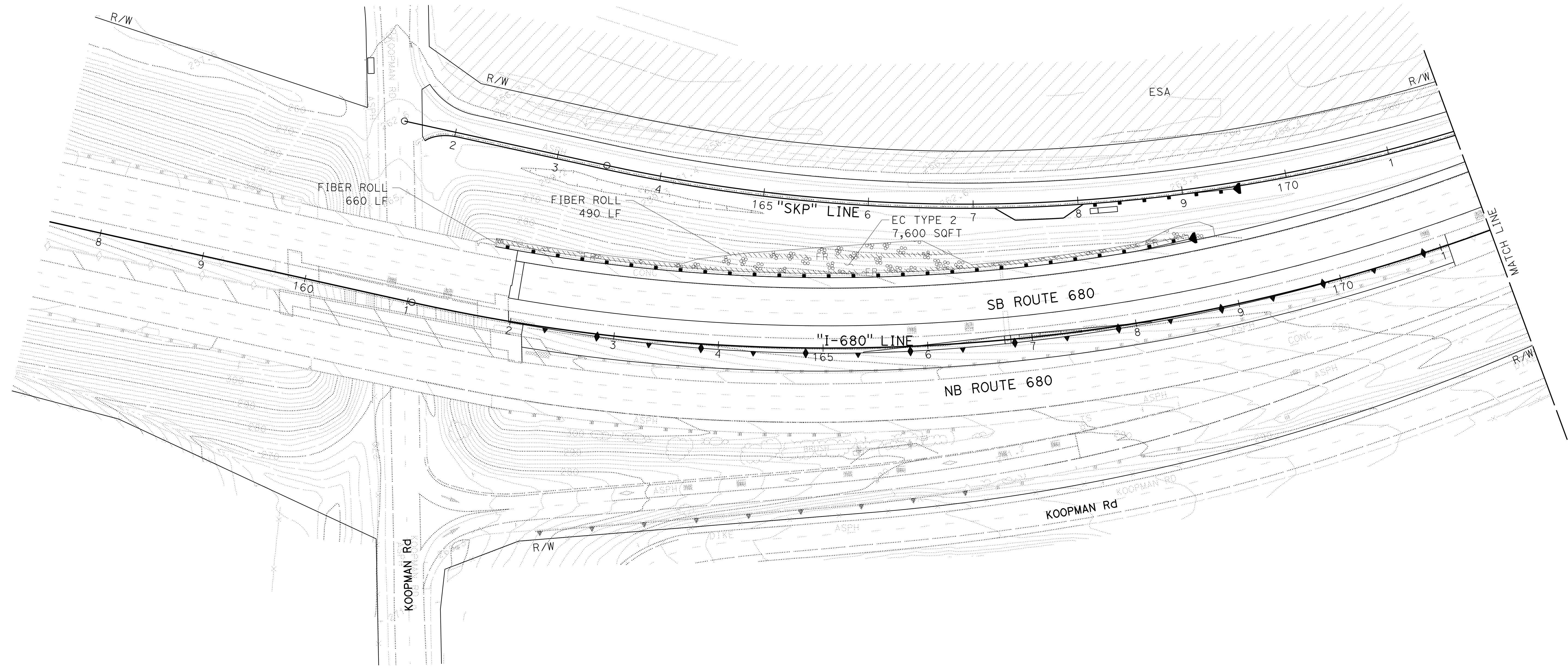
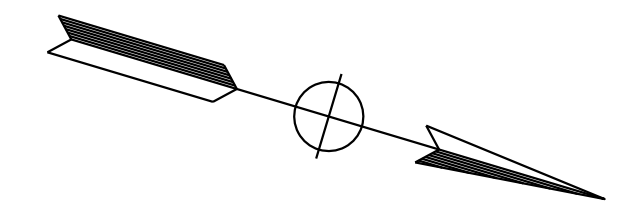
CONSULTANT: J. RUSHTON
 SUPERVISOR: TIMOTHY J. LEE
 DESIGNED BY: J. RUSHTON
 CHECKED BY: E. MCPHERSON
 REVISED BY: JLR
 DATE REVISED: 8-31-21

LAST REVISION: 09-29-21
 DATE PLOTTED => 8-MAR-2022
 TIME PLOTTED => 11:14

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	1084	1710
 REGISTERED CIVIL ENGINEER			9-29-21	DATE	
October 8, 2021 PLANS APPROVAL DATE					
WMH CORPORATION 55 South Market St Suite 1200 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		

NOTE:
 FOR ACCURATE RIGHT OF WAY DATA, CONTACT
 RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

- LEGEND:**
-  EROSION CONTROL TYPE 1
 -  EROSION CONTROL TYPE 2
 -  EROSION CONTROL TYPE 3
(BIORETENTION SWALES AND BASINS)
 -  EROSION CONTROL TYPE 4
 -  EROSION CONTROL TYPE 5
(GEOSYNTHETIC REINFORCEMENT EMBANKMENT) (SEE SHEET C-89)



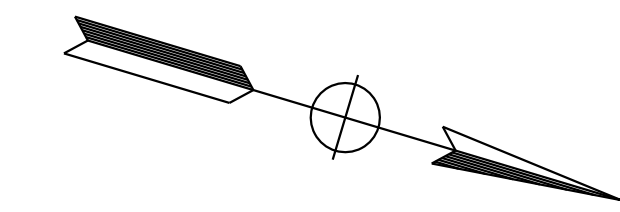
O:\0030\UDRAFT\ING\FINAL_P58E\0420000235+e001.dgn
 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 Et Caltrans®
 CONSULTANT SUPERVISOR: TIMOTHY J. LEE
 CALCULATED/DESIGNED BY: E. MCPHERSON
 JOYCE RUSHTON
 REVISOR: JLR
 DATE: 8-31-21

EROSION CONTROL PLAN
 SCALE: 1" = 50'
EC-1

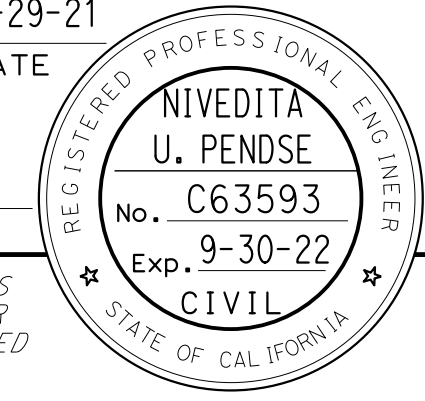
APPROVED FOR EROSION CONTROL WORK ONLY

LAST REVISION: 09-29-21
 DATE PLOTTED => 08-MAR-2022
 TIME PLOTTED => 11:14

NOTE:
FOR ACCURATE RIGHT OF WAY DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	1085	1710
			9-29-21		
REGISTERED CIVIL ENGINEER			DATE		
			October 8, 2021		
			PLANS APPROVAL DATE		
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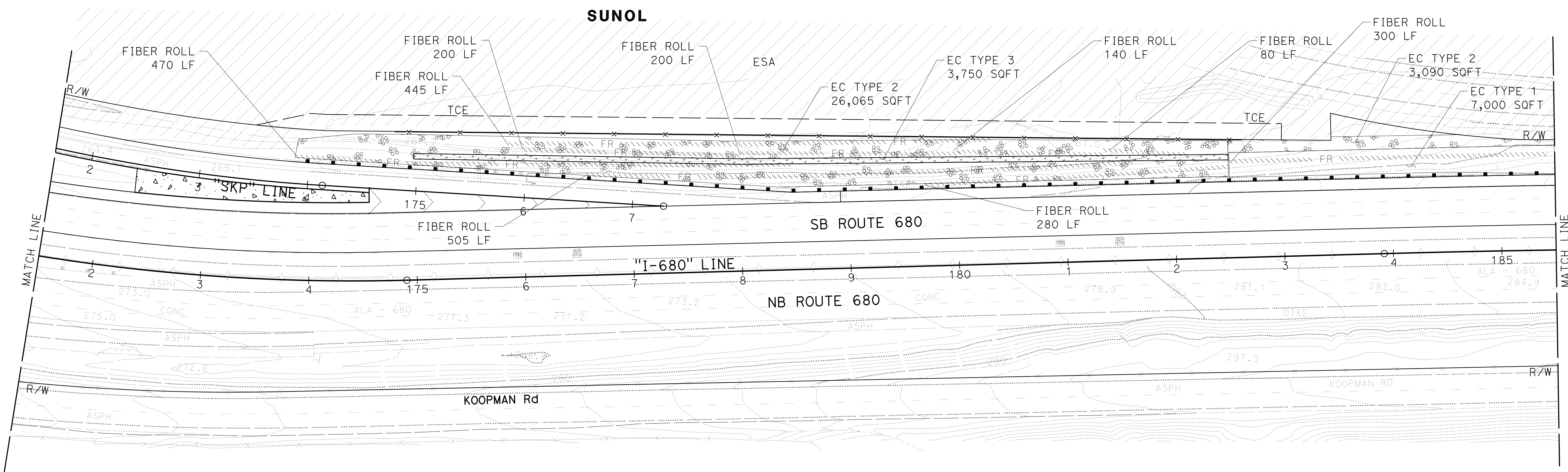
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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 Et Caltrans®
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 DGN FILE => 0420000235\te002.dgn

JLR
 8-31-21
 REVISED BY
 DATE REVISED

JOYCE RUSHTON
 E. MCPHERSON
 CALCULATED-
 DESIGNED BY
 CHECKED BY

TIMOTHY J. LEE
 CONSULTANT FUNCTIONAL SUPERVISOR

DEPARTMENT OF TRANSPORTATION
 STATE OF CALIFORNIA



APPROVED FOR EROSION CONTROL WORK ONLY

EROSION CONTROL PLAN
SCALE: 1" = 50'
EC-2

LAST REVISION DATE PLOTTED => 8-MAR-2022
 09-29-21 TIME PLOTTED => 11:14

NOTE:
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RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

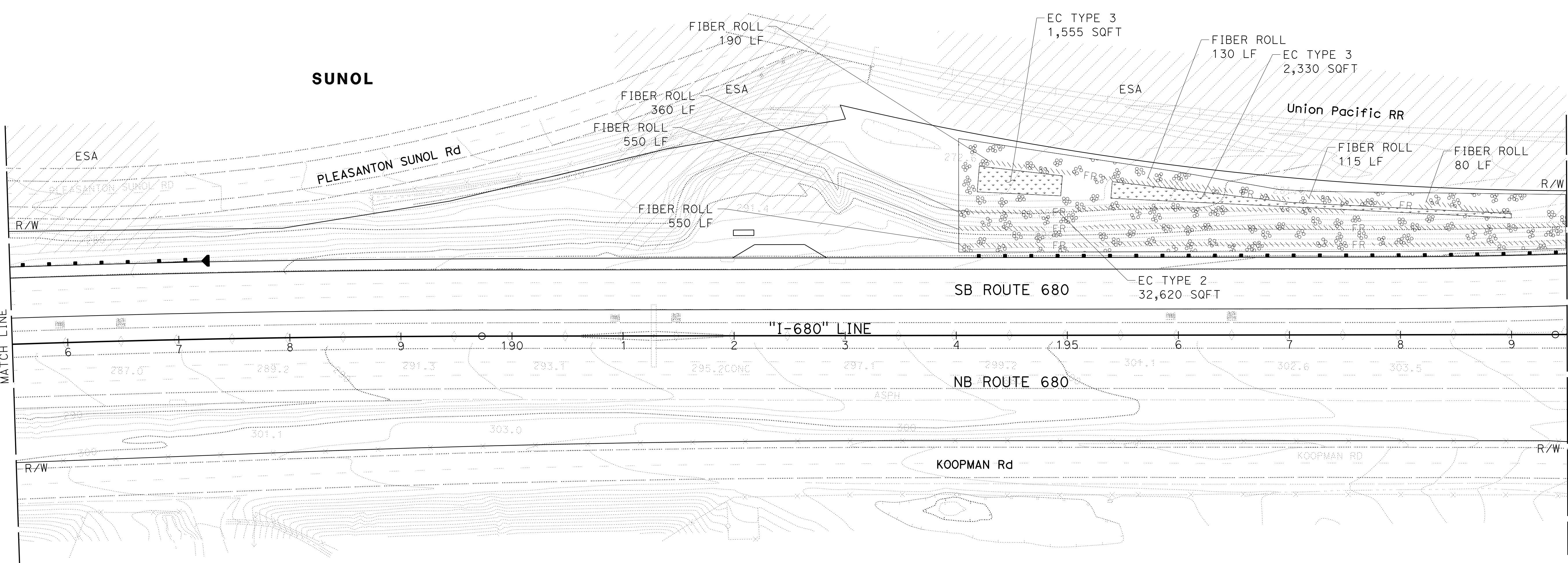
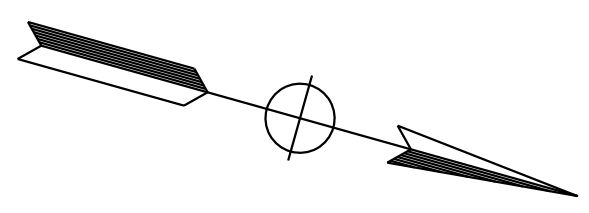
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	1086	1710

REGISTERED CIVIL ENGINEER: *Nivedita U. Pendse*
 DATE: 9-29-21
 PLANS APPROVAL DATE: October 8, 2021

REGISTERED PROFESSIONAL ENGINEER
 NIVEDITA U. PENDSE
 No. C63593
 Exp. 9-30-22
 CIVIL
 STATE OF CALIFORNIA

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 Et Caltrans

CONSULTANT SUPERVISOR: TIMOTHY J. LEE
 CALCULATED/DESIGNED BY: JOYCE RUSHTON
 CHECKED BY: E. MCPHERSON
 REVISED BY: JLR
 DATE REVISED: 8-31-21

EROSION CONTROL PLAN
SCALE: 1" = 50'
EC-3

APPROVED FOR EROSION CONTROL WORK ONLY

LAST REVISION: DATE PLOTTED => 8-MAR-2022
 09-29-21 TIME PLOTTED => 11:14

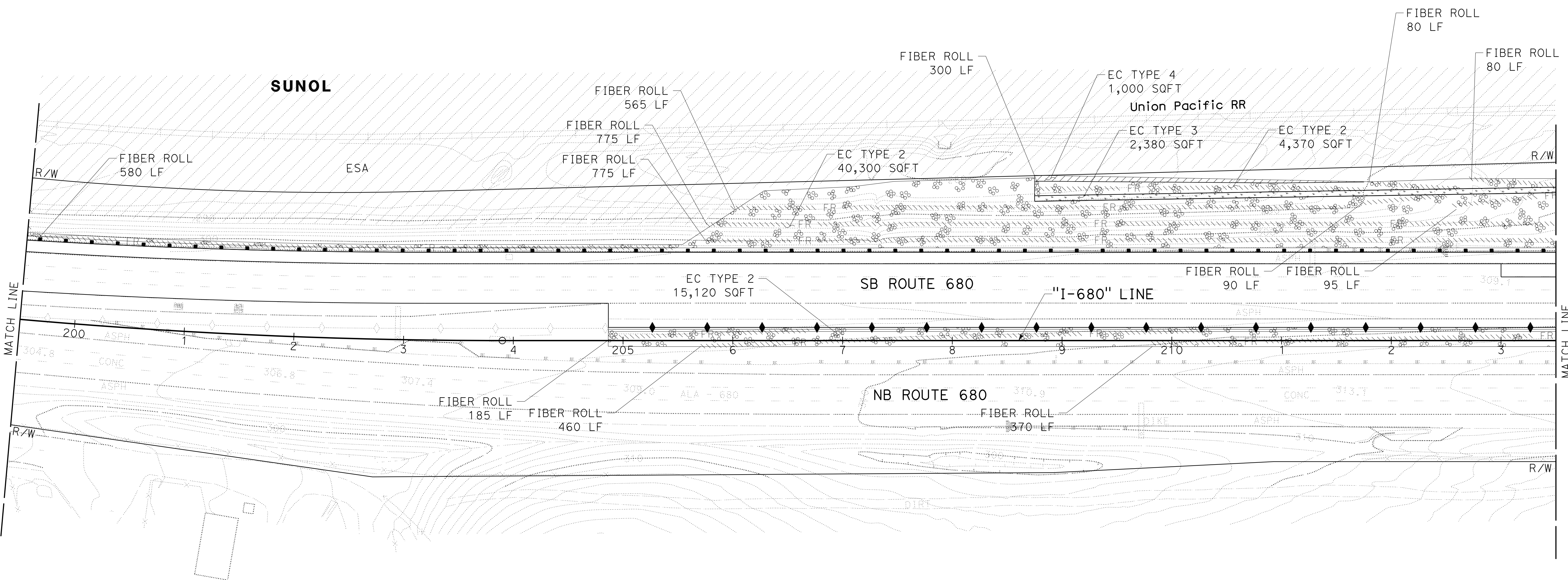
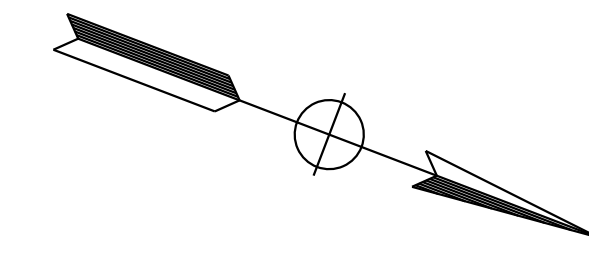
NOTE:
FOR ACCURATE RIGHT OF WAY DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	1087	1710

REGISTERED CIVIL ENGINEER: *Nivedita U. Pendse*
 DATE: 9-29-21
 October 8, 2021
 PLANS APPROVAL DATE

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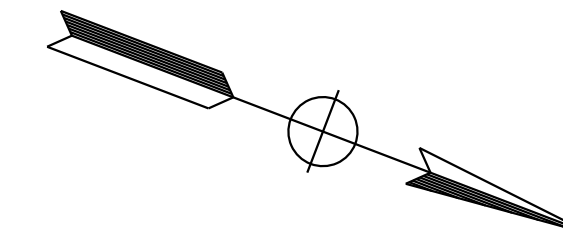


JOYCE RUSHTON
 E. MCPHERSON
 TIMOTHY J. LEE
 DEPARTMENT OF TRANSPORTATION
 STATE OF CALIFORNIA
 Caltrans

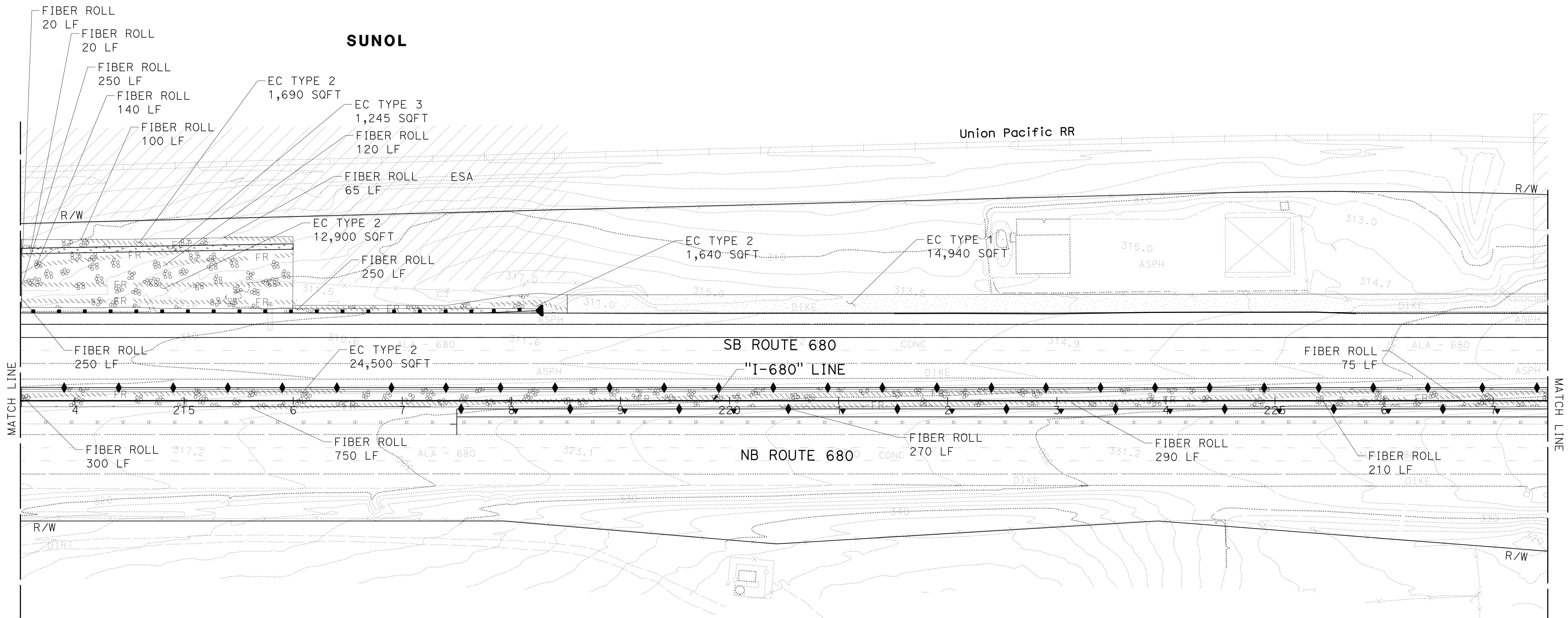
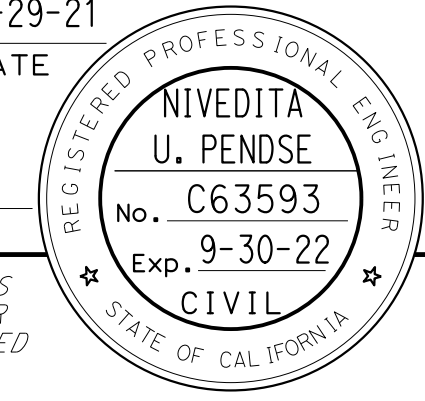
EROSION CONTROL PLAN
SCALE: 1" = 50'
EC-4

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FOR ACCURATE RIGHT OF WAY DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	1088	1710
			REGISTERED CIVIL ENGINEER	DATE	
			9-29-21		
			PLANS APPROVAL DATE		
<p>October 8, 2021</p> <p>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</p>					
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EROSION CONTROL PLAN
SCALE: 1" = 50'
EC-5

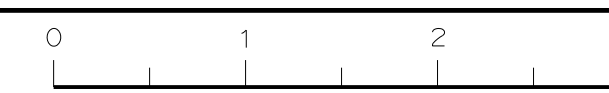
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JOYCE RUSHTON
E. MCPHERSON
TIMOTHY J. LEE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

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RELATIVE BORDER SCALE
IS IN INCHES



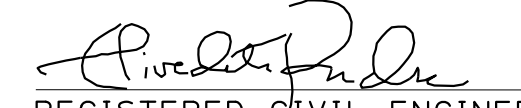
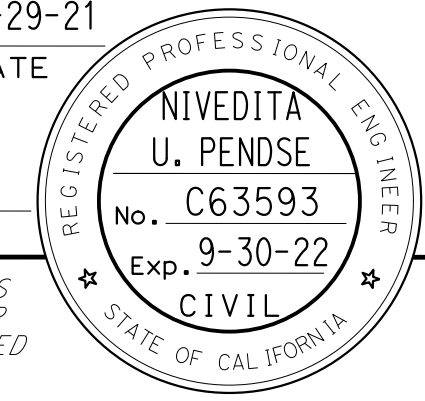
UNIT 0733

PROJECT NUMBER & PHASE

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BORDER LAST REVISED 7/2/2010

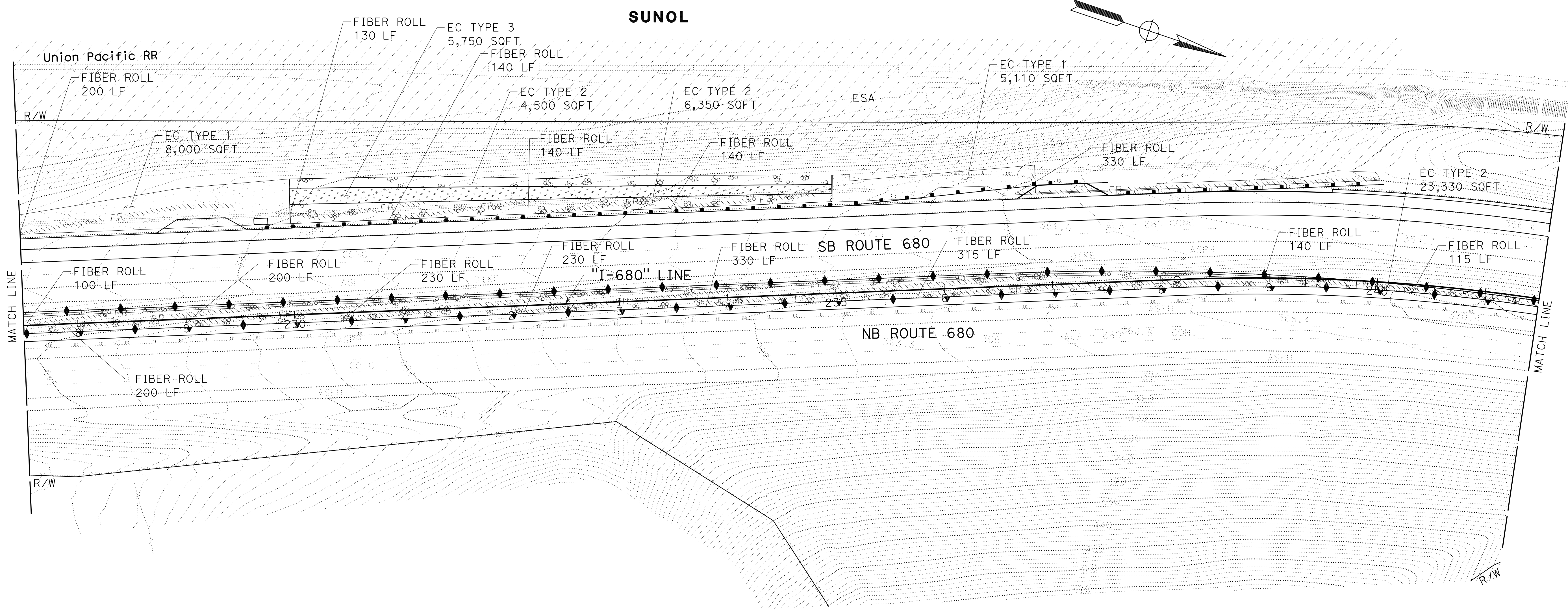
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09-29-21 TIME PLOTTED => 11:14

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	1089	1710
 REGISTERED CIVIL ENGINEER			9-29-21 DATE		
October 8, 2021 PLANS APPROVAL DATE					
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NOTE:

FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.


JOYCE RUSHTON	REVISOR	JLR	8-31-21
E. MCPHERSON	DATE REVISOR		
TIMOTHY J. LEE	DATE REVISOR		



EROSION CONTROL PLAN
 SCALE: 1" = 50'
EC - 6

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LAST REVISION DATE PLOTTED => 8-MAR-2022 TIME PLOTTED => 11:14

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	1090	1710

REGISTERED CIVIL ENGINEER DATE 9-29-21
 NIVEDITA U. PENDSE
 No. C63593
 Exp. 9-30-22
 CIVIL
 STATE OF CALIFORNIA

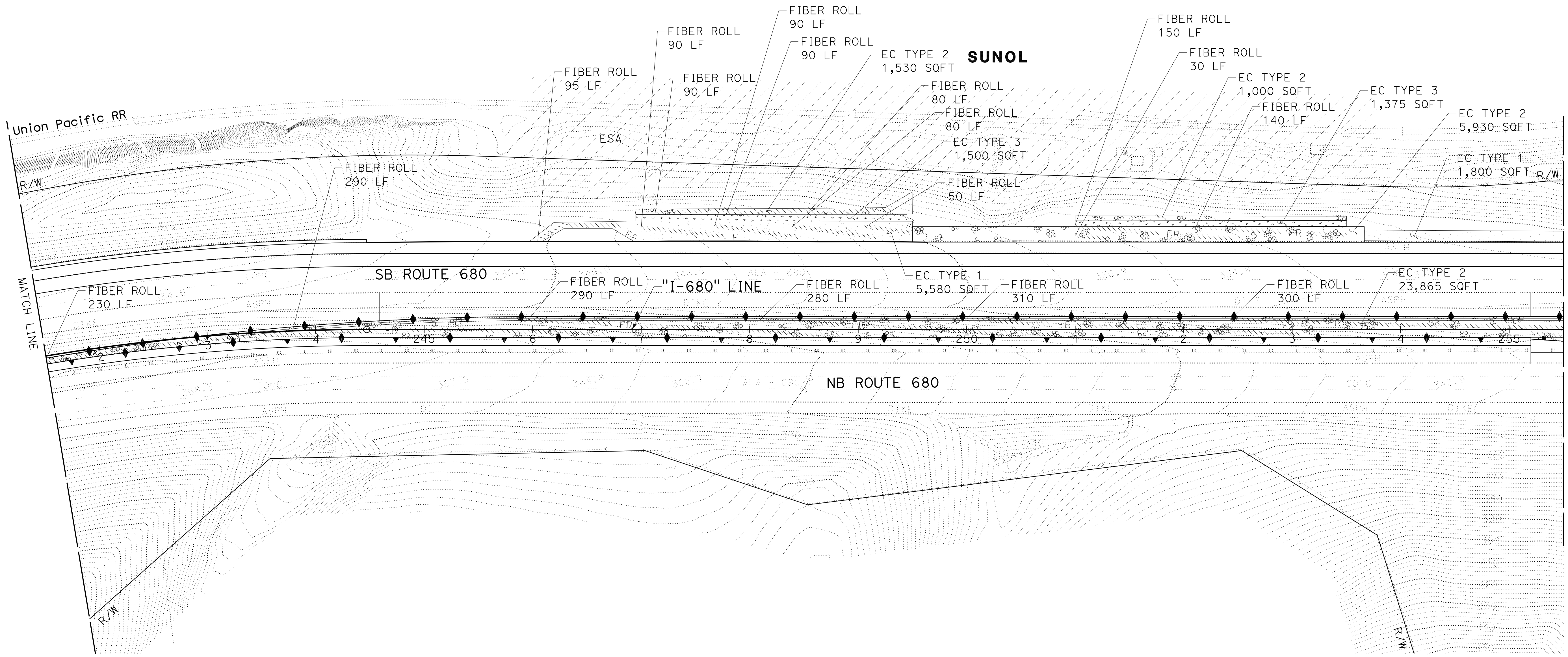
October 8, 2021
 PLANS APPROVAL DATE

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NOTE:
FOR ACCURATE RIGHT OF WAY DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

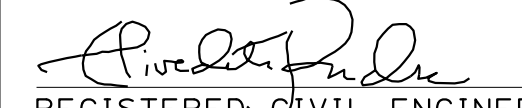
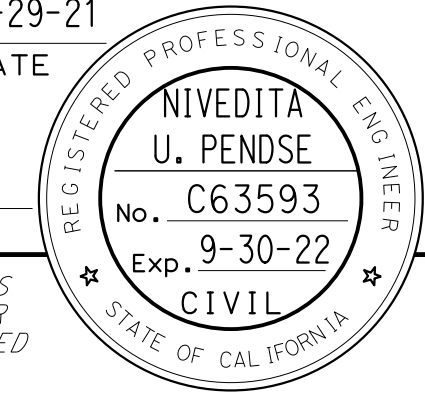
JOYCE RUSHTON	REVISOR	JLR	DATE
E. MCPHERSON	REVISOR	8-31-21	
TIMOTHY J. LEE	DESIGNER		



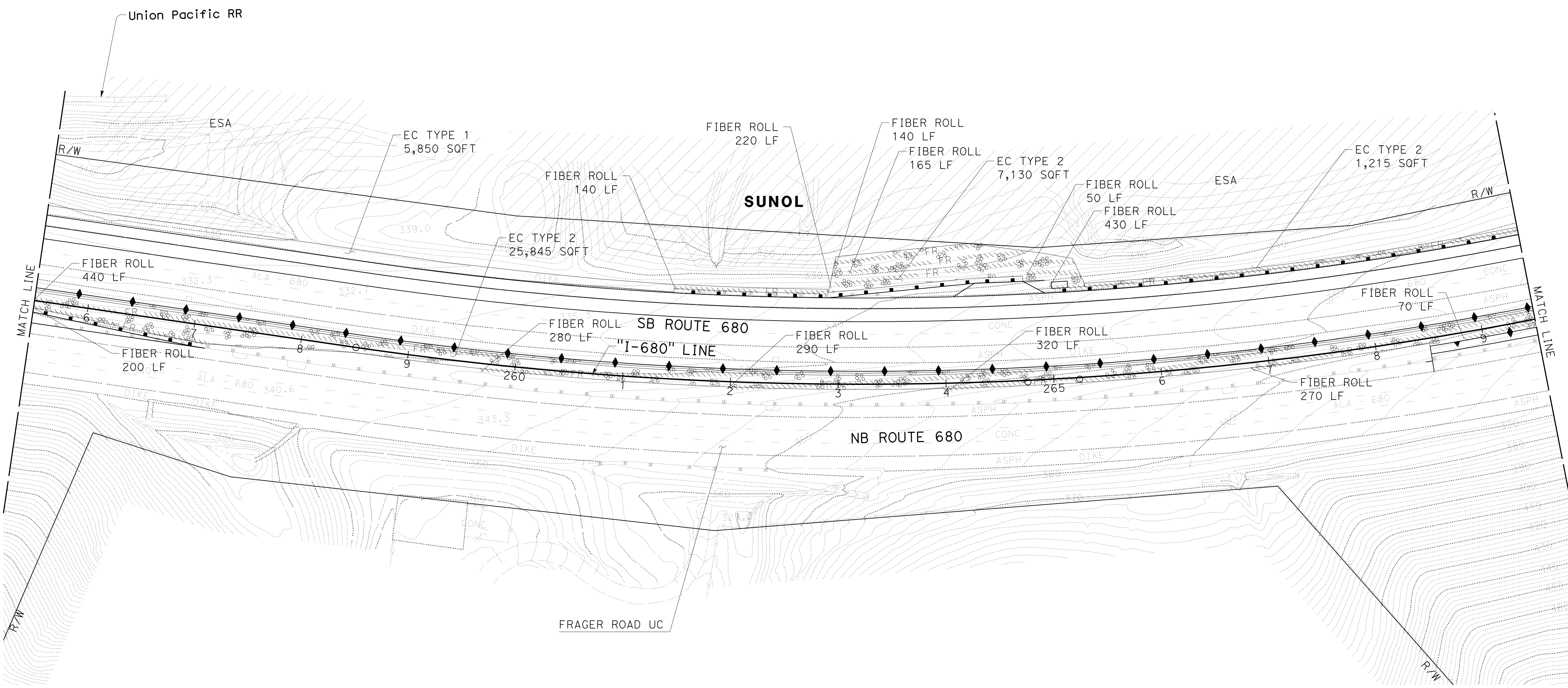
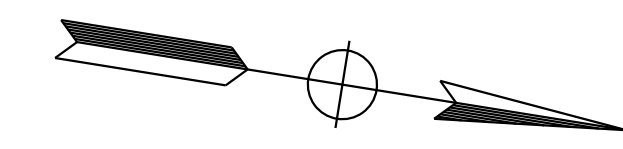
EROSION CONTROL PLAN
SCALE: 1" = 50'
EC-7

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LAST REVISION DATE PLOTTED => 8-MAR-2022
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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	1091	1710
 REGISTERED CIVIL ENGINEER			9-29-21	DATE	
October 8, 2021 PLANS APPROVAL DATE					
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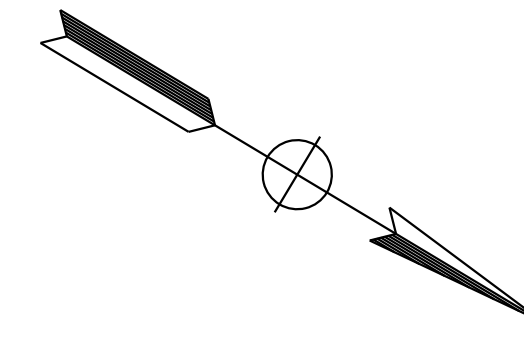
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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 Et Caltrans
 CONSULTANT: FUNCTIONAL SUPERVISOR: TIMOTHY J. LEE
 CALCULATED/DESIGNED BY: JOYCE RUSHTON
 CHECKED BY: E. MCPHERSON
 REVISED BY: JLR
 DATE REVISED: 8-31-21

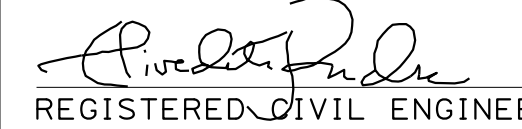
EROSION CONTROL PLAN
 SCALE: 1" = 50'
EC-8

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LAST REVISION DATE PLOTTED => 8-MAR-2022
 09-29-21 TIME PLOTTED => 11:14

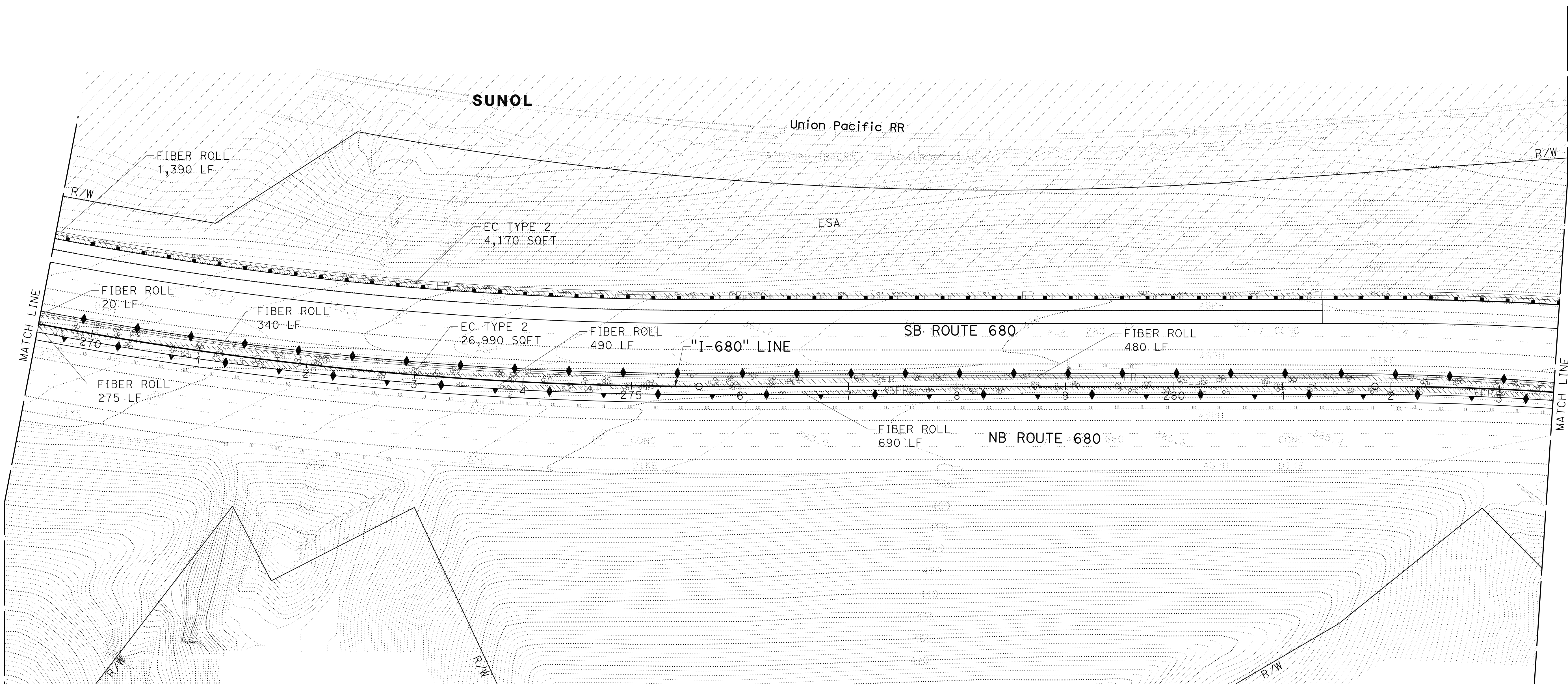
NOTE:
FOR ACCURATE RIGHT OF WAY DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	1092	1710
 REGISTERED CIVIL ENGINEER			9-29-21	DATE	
October 8, 2021			PLANS APPROVAL DATE		
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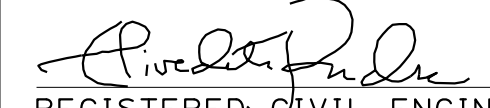
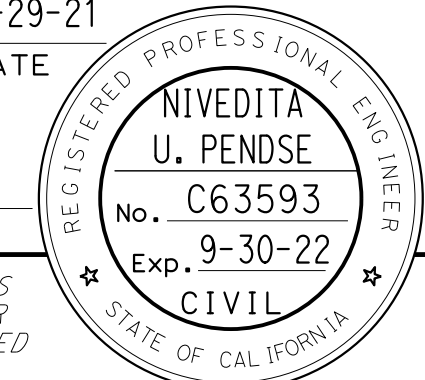
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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 Et Caltrans
 CONSULTANT SUPERVISOR: TIMOTHY J. LEE
 CALCULATED/DESIGNED BY: JOYCE RUSHTON
 CHECKED BY: E. MCPHERSON
 REVISED BY: JLR
 DATE REVISED: 8-31-21

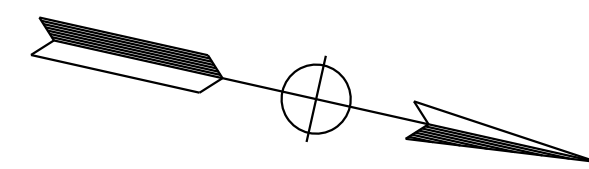


EROSION CONTROL PLAN
SCALE: 1" = 50'
EC-9


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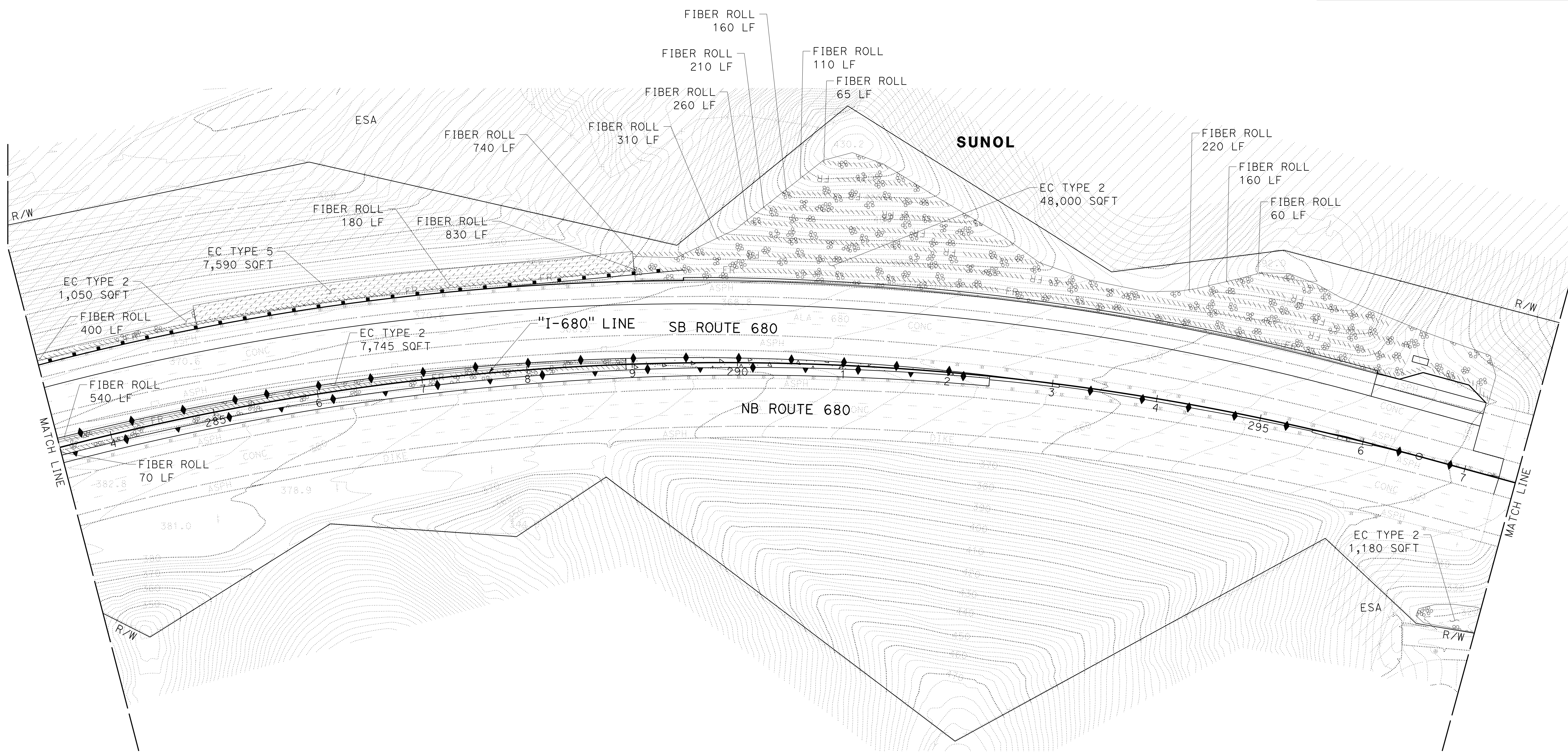
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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	1093	1710
 REGISTERED CIVIL ENGINEER			9-29-21	DATE	
October 8, 2021 PLANS APPROVAL DATE					
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 RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

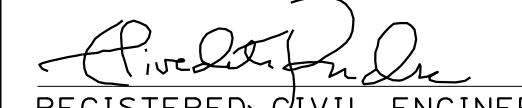
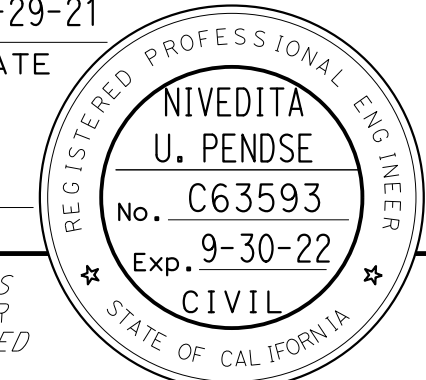
JOYCE RUSHTON	JLR
REVISOR	DATE
E. MCPHERSON	8-31-21
CALCULATED/DESIGNED BY	CHECKED BY
TIMOTHY J. LEE	
CONSULTANT	FUNCTIONAL SUPERVISOR
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	
	



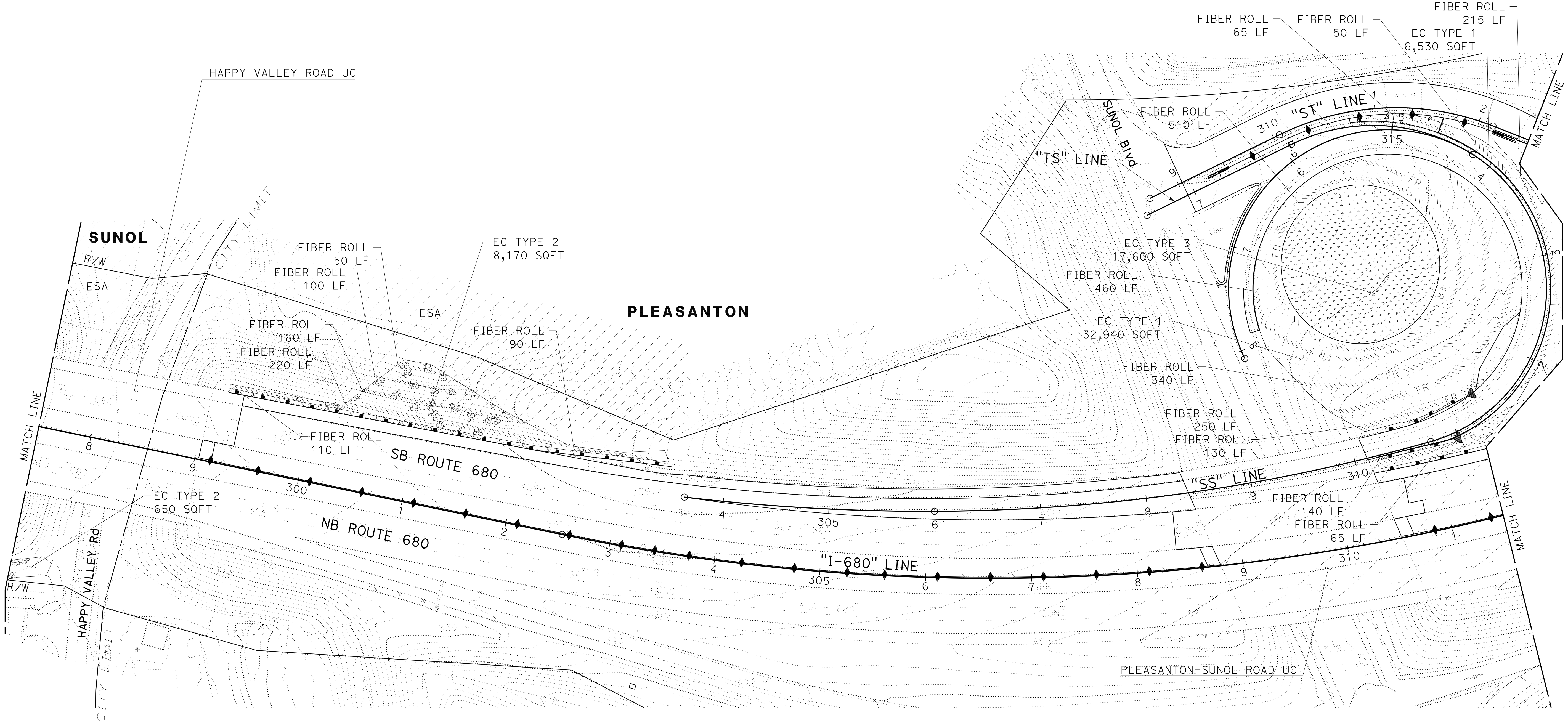
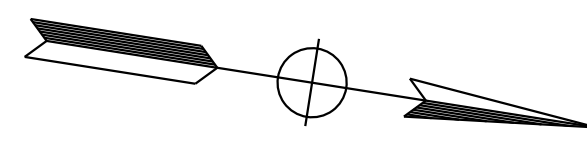
EROSION CONTROL PLAN
 SCALE: 1" = 50'
EC-10

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	1094	1710
 REGISTERED CIVIL ENGINEER			9-29-21 DATE		
October 8, 2021 PLANS APPROVAL DATE					
WMH CORPORATION 55 South Market St Suite 1200 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		

NOTE:
 FOR ACCURATE RIGHT OF WAY DATA, CONTACT
 RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

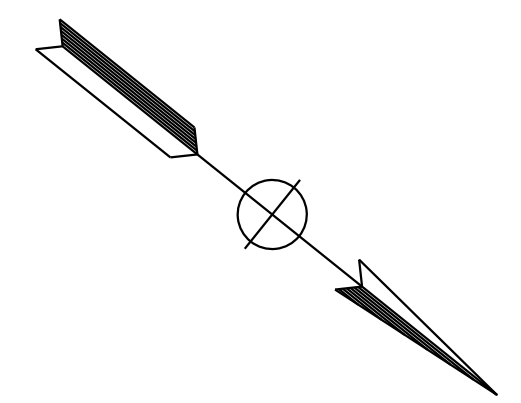


EROSION CONTROL PLAN
 SCALE: 1" = 50'
EC-11

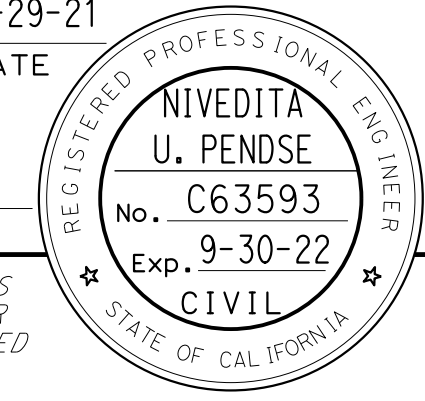
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 Et Caltrans
 CONSULTANT: FUNCTIONAL SUPERVISOR: TIMOTHY J. LEE
 CALCULATED/DESIGNED BY: JOYCE RUSHTON
 CHECKED BY: E. MCPHERSON
 REVISED BY: JLR
 DATE REVISED: 8-31-21

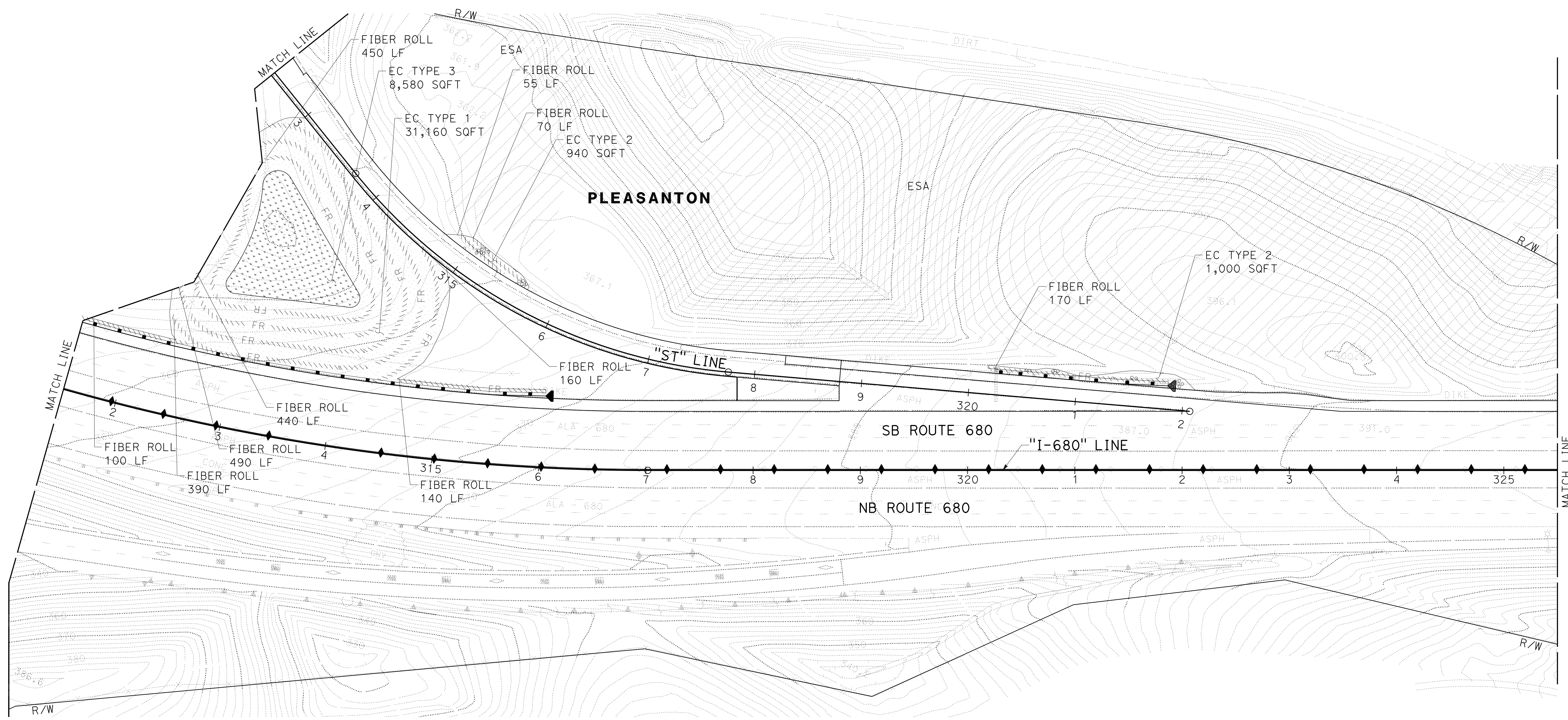
NOTE:
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RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
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			REGISTERED CIVIL ENGINEER	DATE	
			October 8, 2021		
			PLANS APPROVAL DATE		
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 CONSULTANT SUPERVISOR: TIMOTHY J. LEE
 CALCULATED/DESIGNED BY: JOYCE RUSHTON
 CHECKED BY: E. MCPHERSON
 REVISED BY: JLR
 DATE REVISED: 8-31-21

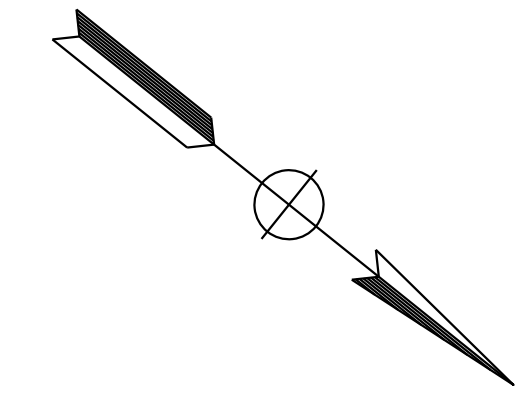


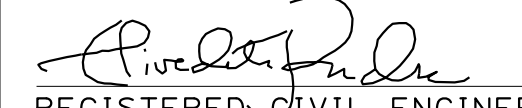
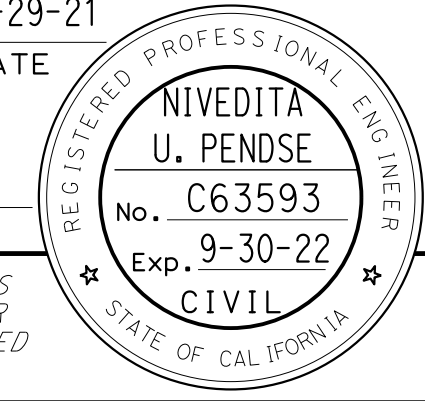
EROSION CONTROL PLAN
SCALE: 1" = 50'
EC-12

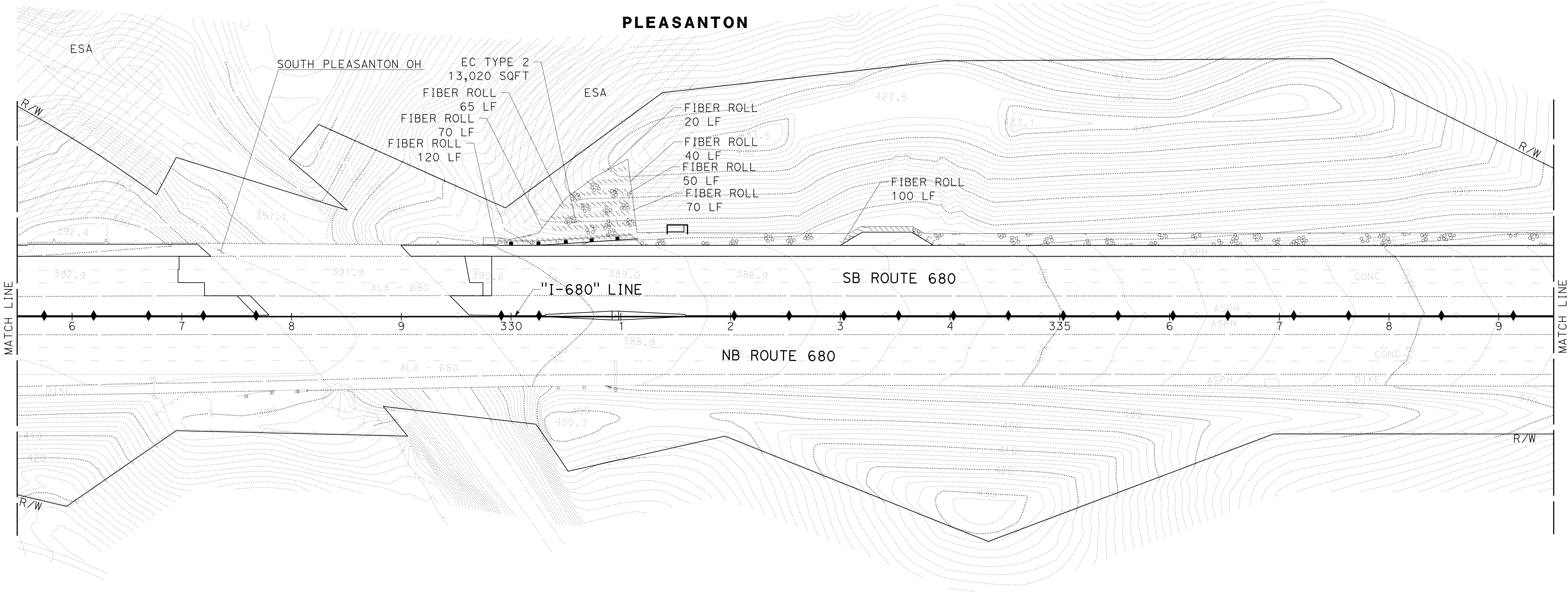
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LAST REVISION: 09-29-21 DATE PLOTTED => 8-MAR-2022 TIME PLOTTED => 11:15

NOTE:
FOR ACCURATE RIGHT OF WAY DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	1096	1710
 REGISTERED CIVIL ENGINEER			9-29-21	DATE	
October 8, 2021 PLANS APPROVAL DATE					
WMH CORPORATION 55 South Market St Suite 1200 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		



JOYCE RUSHTON	REVISOR	JLR
E. MCPHERSON	DATE	8-31-21
CALCULATED-DESIGNED BY	CHECKED BY	
TIMOTHY J. LEE		
CONSULTANT FUNCTIONAL SUPERVISOR		
DEPARTMENT OF TRANSPORTATION		

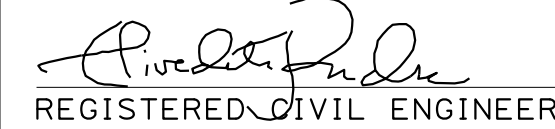
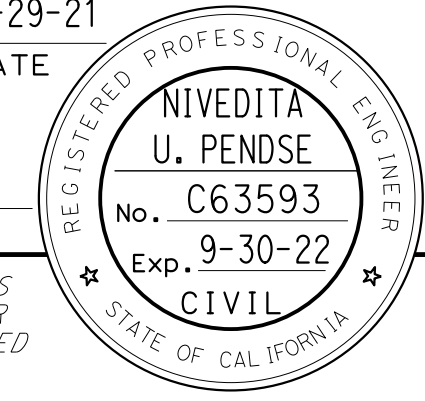
EROSION CONTROL PLAN
SCALE: 1" = 50'
EC-13

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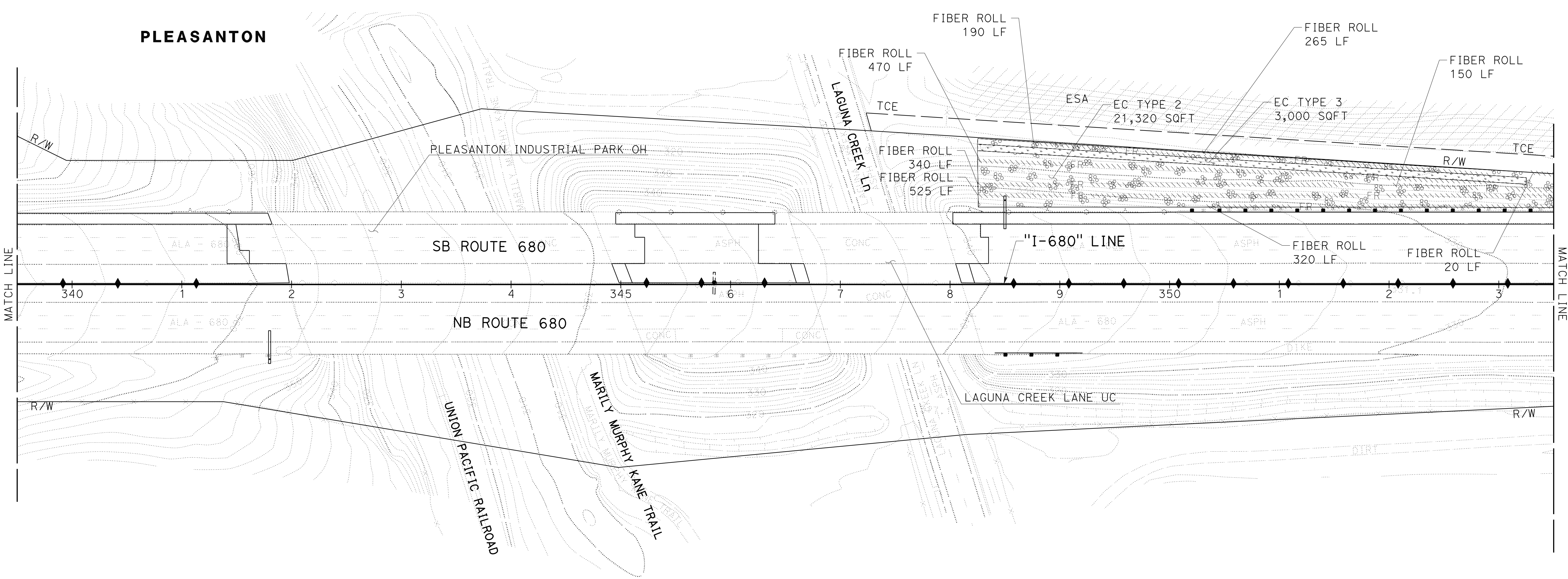
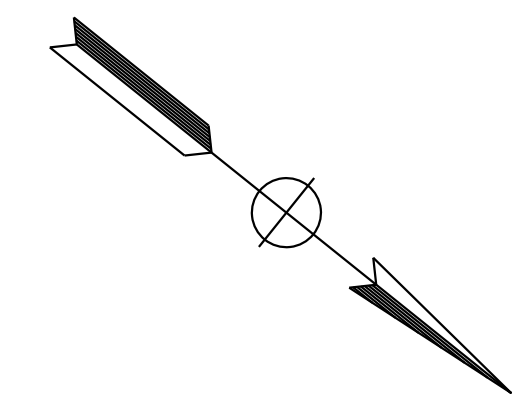
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LAST REVISION DATE PLOTTED => 8-MAR-2022 09-29-21 TIME PLOTTED => 11:15

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	1097	1710
 REGISTERED CIVIL ENGINEER			9-29-21 DATE		
October 8, 2021 PLANS APPROVAL DATE					
WMH CORPORATION 55 South Market St Suite 1200 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		

NOTE:
 FOR ACCURATE RIGHT OF WAY DATA, CONTACT
 RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

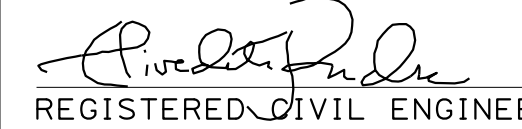
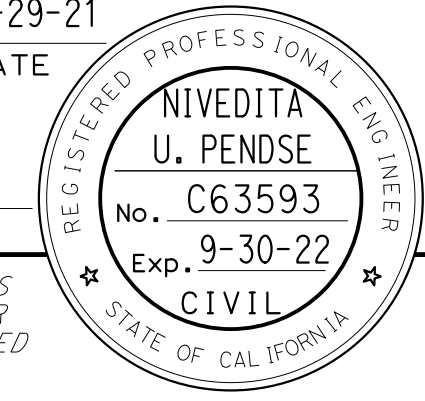


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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 Et Caltrans
 CONSULTANT SUPERVISOR: TIMOTHY J. LEE
 CALCULATED/DESIGNED BY: E. MCPHERSON
 JOYCE RUSHTON
 REVISOR: JLR
 DATE: 8-31-21

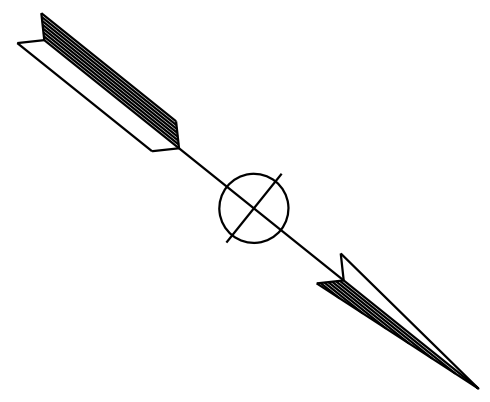
EROSION CONTROL PLAN
 SCALE: 1" = 50'
EC-14

APPROVED FOR EROSION CONTROL WORK ONLY

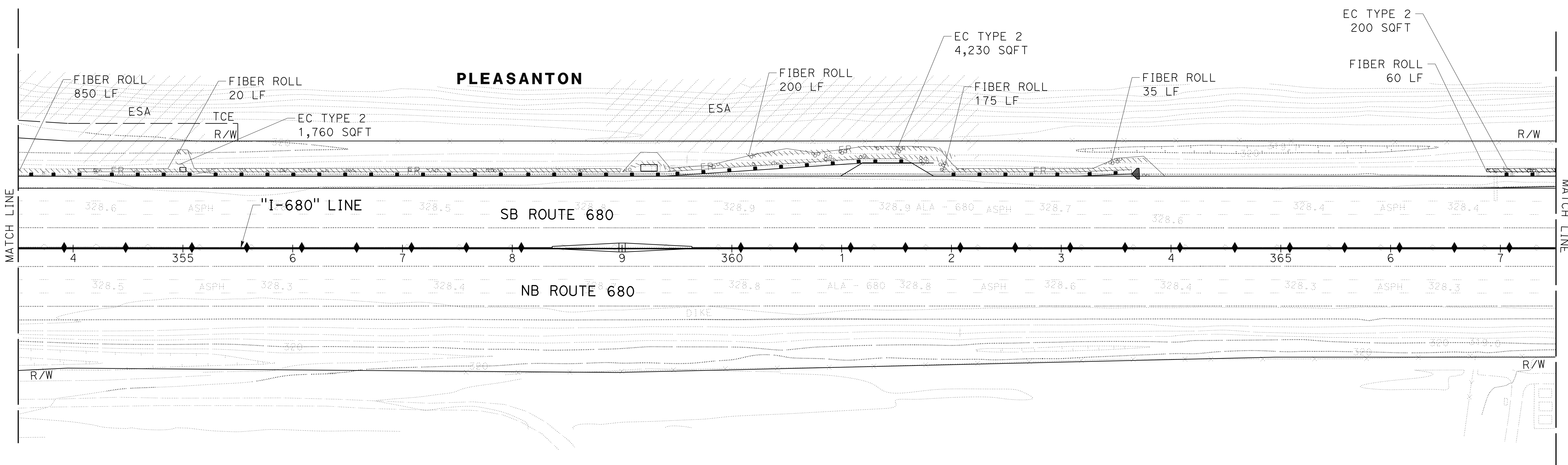
LAST REVISION DATE PLOTTED => 8-MAR-2022
 09-29-21 TIME PLOTTED => 11:15

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	1098	1710
 REGISTERED CIVIL ENGINEER			9-29-21	DATE	
October 8, 2021 PLANS APPROVAL DATE					
WMH CORPORATION 55 South Market St Suite 1200 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		

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JOYCE RUSHTON
 E. MCPHERSON
 TIMOTHY J. LEE
 DEPARTMENT OF TRANSPORTATION
 STATE OF CALIFORNIA
 Caltrans

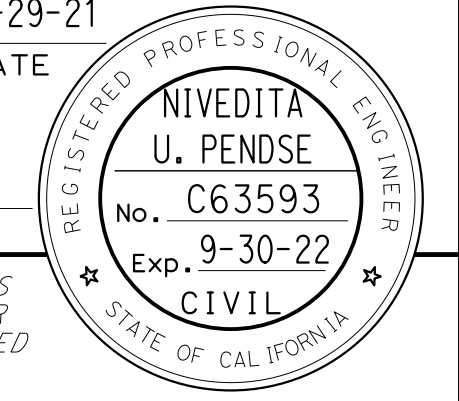


EROSION CONTROL PLAN
 SCALE: 1" = 50'
EC-15

APPROVED FOR EROSION CONTROL WORK ONLY

LAST REVISION DATE PLOTTED => 8-MAR-2022
 09-29-21 TIME PLOTTED => 11:15

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	1099	1710
			9-29-21		
REGISTERED CIVIL ENGINEER			DATE		
			October 8, 2021		
			PLANS APPROVAL DATE		
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JLR
8-31-21

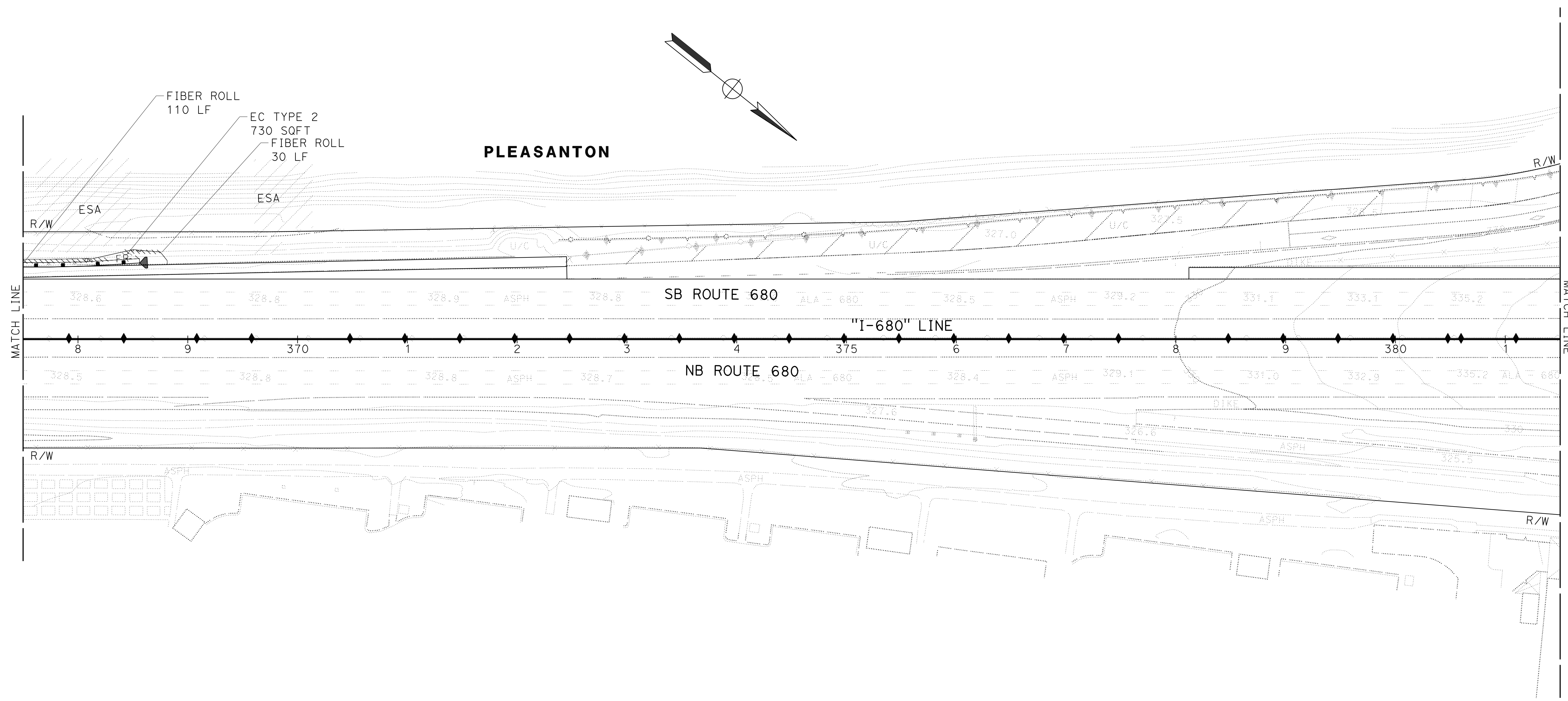
REVISED BY
DATE REVISED

JOYCE RUSHTON
E. MCPHERSON

CALCULATED-DESIGNED BY
CHECKED BY

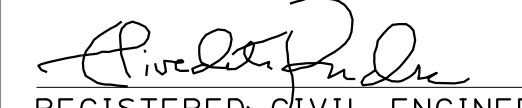
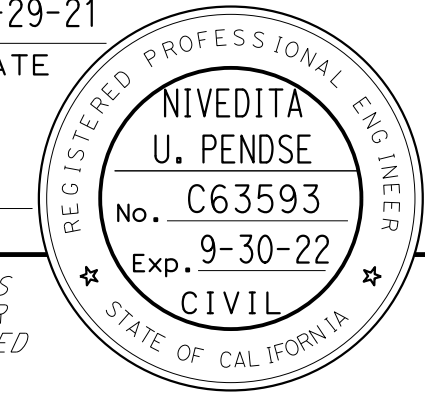
TIMOTHY J. LEE

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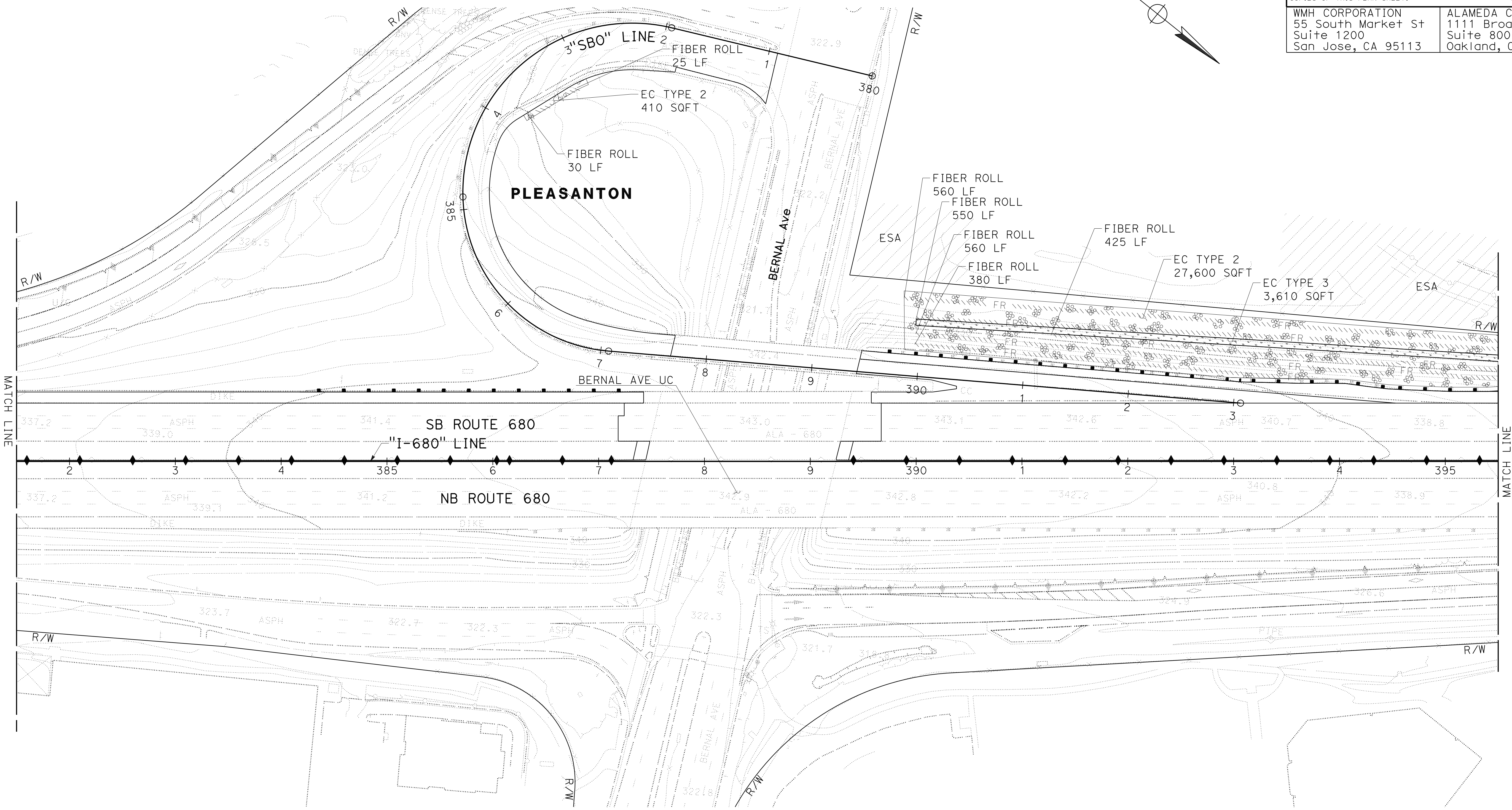
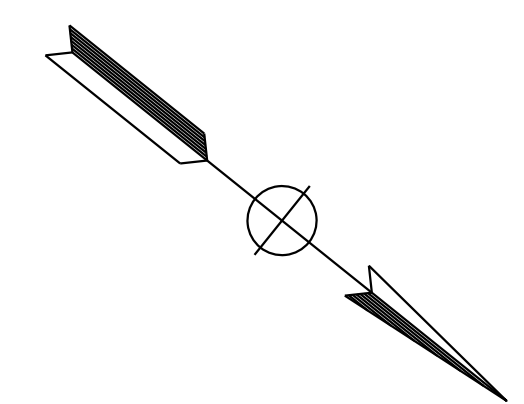


EROSION CONTROL PLAN
SCALE: 1" = 50'
EC - 16

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, RO.0/RO.9	1100	1710
 REGISTERED CIVIL ENGINEER			9-29-21	DATE	
October 8, 2021 PLANS APPROVAL DATE					
WMH CORPORATION 55 South Market St Suite 1200 San Jose, CA 95113			ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607		

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 CALCULATED/DESIGNED BY: JOYCE RUSHTON
 CHECKED BY: E. MCPHERSON
 REVISED BY: JLR
 DATE REVISED: 8-31-21

EROSION CONTROL PLAN
 SCALE: 1" = 50'
EC-17

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