Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SM,Sol	92,780	Var	1	62

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

ACHSSTPG-000C(391)

2

PROJECT PLANS FOR CONSTRUCTION ON
STATE HIGHWAY
IN SAN MATEO AND SOLANO COUNTIES AT VARIOUS LOCATIONS

TO BE SUPPLEMENTED BY STANDARD PLANS DATED 2010

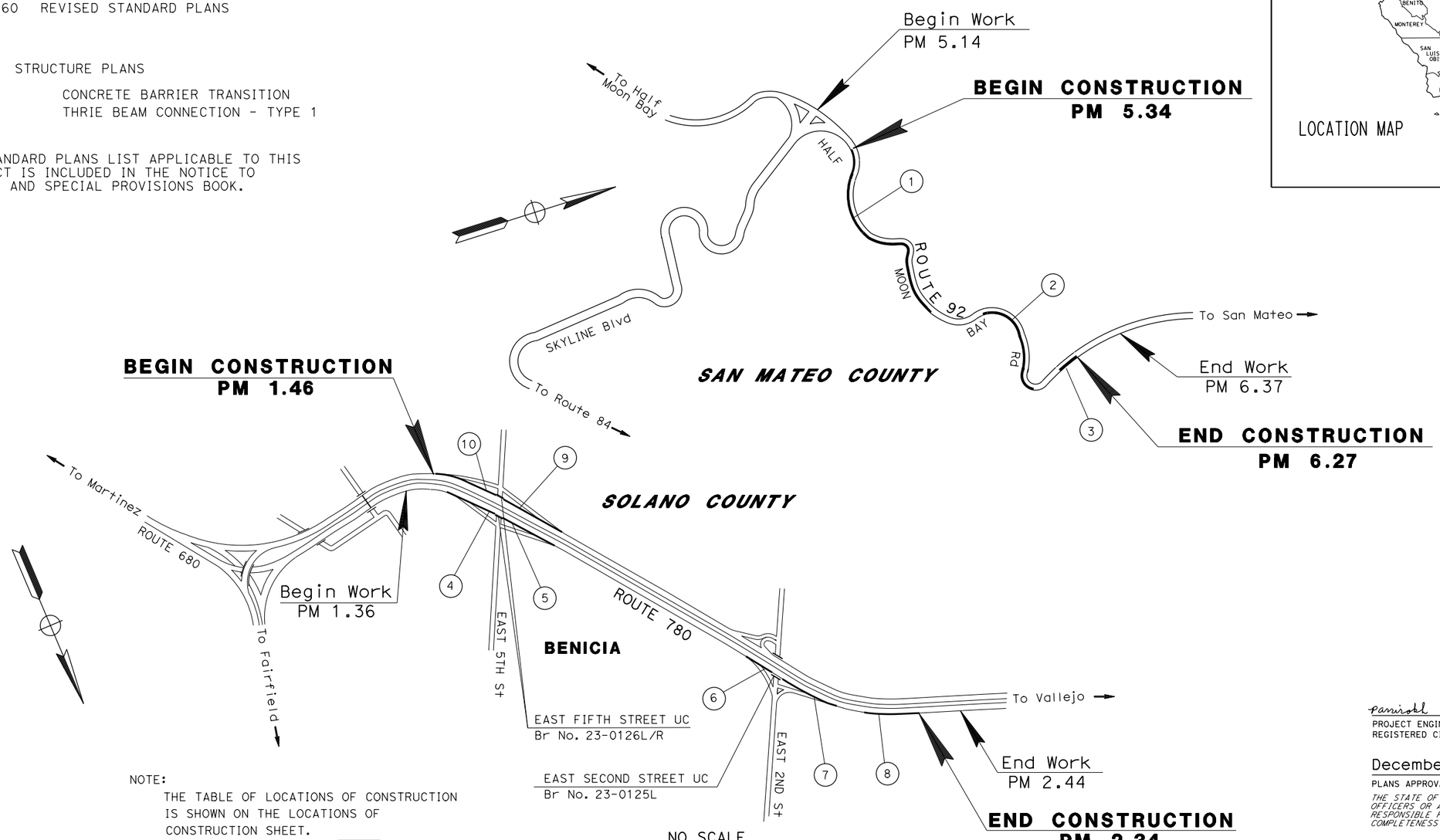
INDEX OF PLANS

SHEET No.	DESCRIPTION
1	TITLE SHEET AND LOCATION MAP
2	LOCATIONS OF CONSTRUCTION
3	TYPICAL CROSS SECTIONS
4 - 9	CONSTRUCTION DETAILS
10	TEMPORARY WATER POLLUTION CONTROL QUANTITIES
11 - 21	DRAINAGE PLAN, PROFILES, DETAILS AND QUANTITIES
22 - 24	CONSTRUCTION AREA SIGNS
25 - 26	SUMMARY OF QUANTITIES
27 - 29	EROSION CONTROL LEGEND, QUANTITIES AND PLAN
30 - 60	REVISED STANDARD PLANS

STRUCTURE PLANS

61	CONCRETE BARRIER TRANSITION
62	THRIE BEAM CONNECTION - TYPE 1

THE STANDARD PLANS LIST APPLICABLE TO THIS CONTRACT IS INCLUDED IN THE NOTICE TO BIDDERS AND SPECIAL PROVISIONS BOOK.



NOTE:
THE TABLE OF LOCATIONS OF CONSTRUCTION IS SHOWN ON THE LOCATIONS OF CONSTRUCTION SHEET.

NO SCALE

2 REPLACED PER ADDENDUM No. 2 DATED JUNE 10, 2015

THE CONTRACTOR SHALL POSSESS THE CLASS (OR CLASSES) OF LICENSE AS SPECIFIED IN THE "NOTICE TO BIDDERS."

PROJECT MANAGER MOHAMMAD SULEIMAN

DESIGN MANAGER GHULAM POPAL

Parrirokh Abedi 10/15/14
PROJECT ENGINEER DATE
REGISTERED CIVIL ENGINEER

December 15, 2014
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER Parrirokh Abedi No. 36025 Exp. 6-30-16 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.

CONTRACT No.	04-1G8504
PROJECT ID	0400020617

LAST REVISION 12-15-14
DATE PLOTTED => 10-JUN-2015
TIME PLOTTED => 07:02

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SM,Sol	92,780	Var	7	62

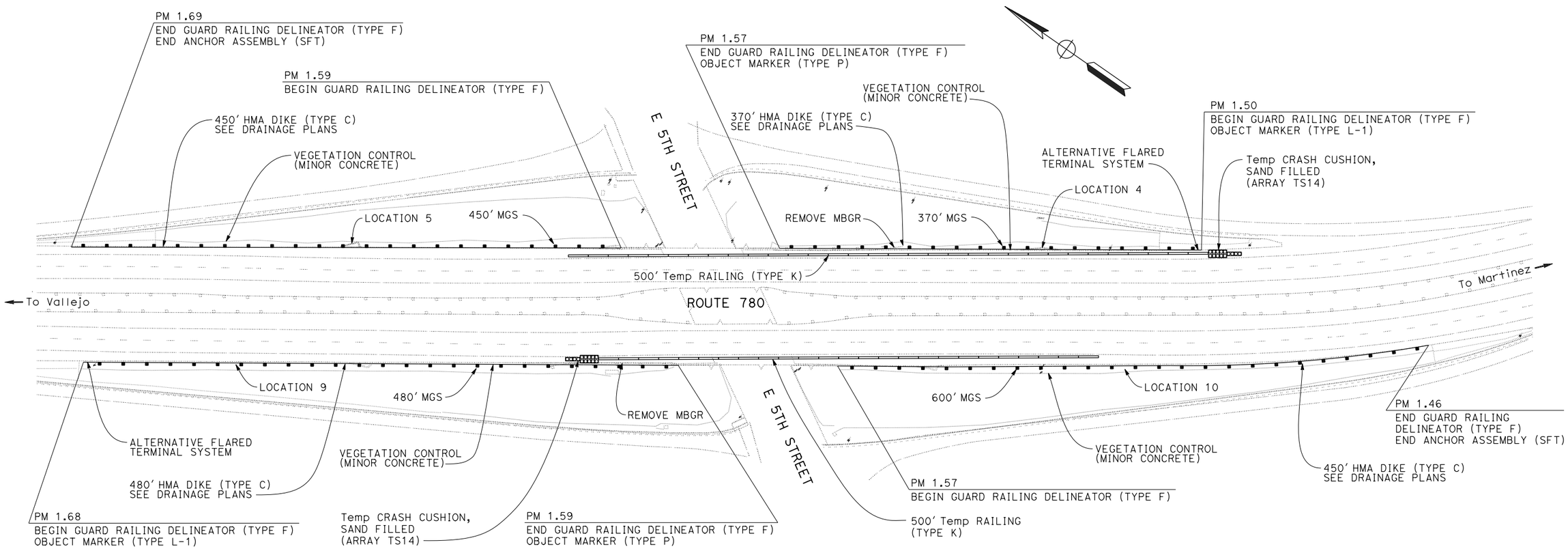
2

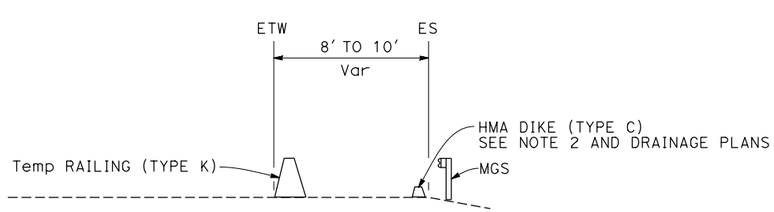
Parrirokh Abedi 10/15/14
REGISTERED CIVIL ENGINEER DATE

12-15-14
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER Parrirokh Abedi No. 36025 Exp. 6-30-16 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.





TYPICAL CROSS SECTION

2 **REPLACED PER ADDENDUM No. 2 DATED JUNE 10, 2015**

FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET C-1

CONSTRUCTION DETAILS

SCALE: 1" = 50'

C-4

REVISED BY	DATE REVISED
PA	12/15/14

CALCULATED-DESIGNED BY: TOMO MORI
CHECKED BY: PARI ABEDI
FUNCTIONAL SUPERVISOR: GHULAM POPAL

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
DESIGN

LAST REVISION 12-15-14
DATE PLOTTED => 10-JUN-2015
TIME PLOTTED => 07:02

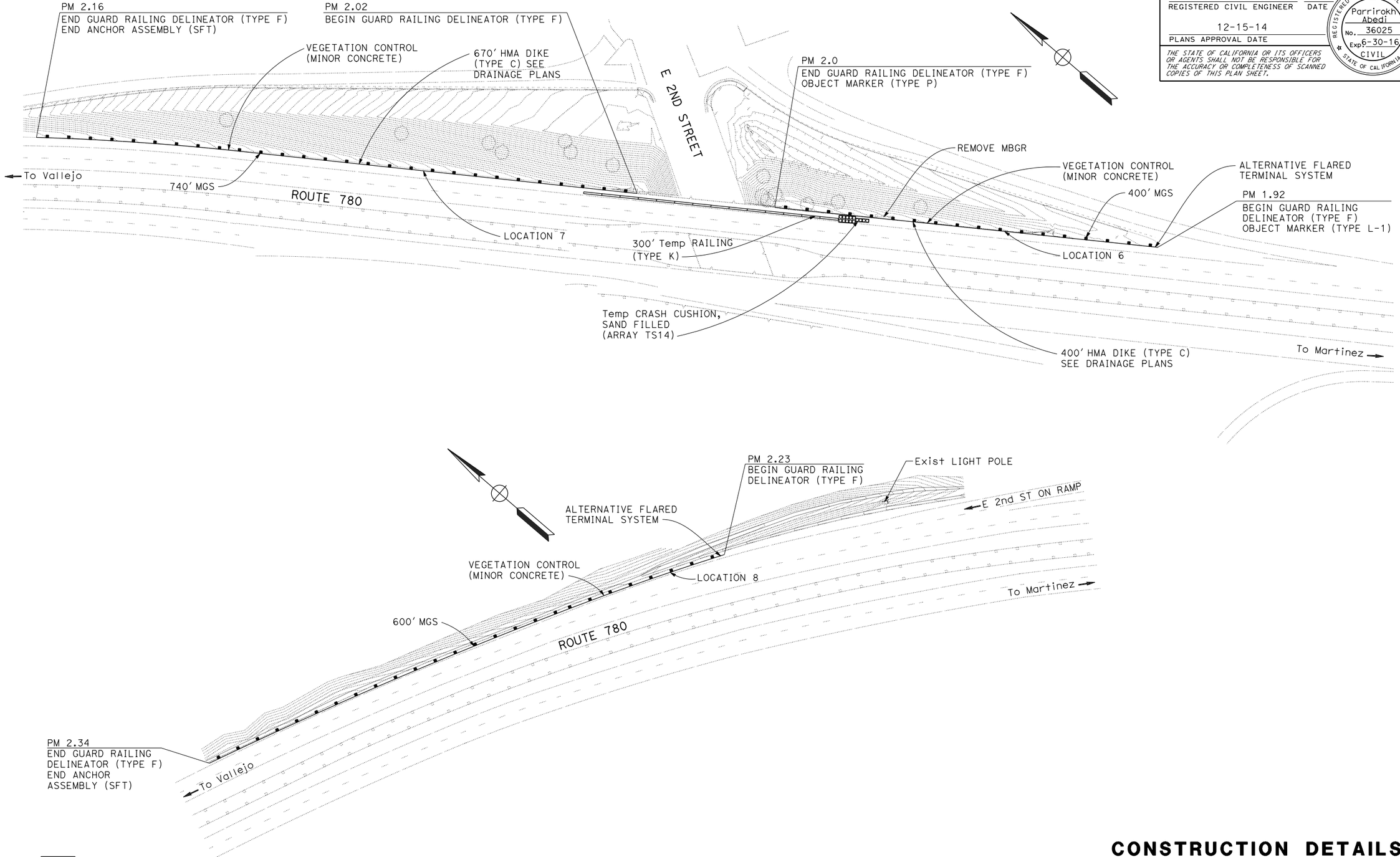
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SM,Sol	92,780	Var	8	62

Parrirokh Abedi 10/15/14
REGISTERED CIVIL ENGINEER DATE

12-15-14
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER Parrirokh Abedi No. 36025 Exp. 6-30-16 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.



2 **REPLACED PER ADDENDUM No. 2 DATED JUNE 10, 2015**

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

CONSTRUCTION DETAILS

SCALE: 1" = 50'

C-5

REVISED BY	DATE REVISED
PA	12/15/14

CALCULATED-DESIGNED BY: TOMO MORI
CHECKED BY: PARI ABEDI
FUNCTIONAL SUPERVISOR: GHULAM POPAL

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
DESIGN

LAST REVISION 12-15-14 | DATE PLOTTED => 10-JUN-2015 | TIME PLOTTED => 07:02

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SM, Sol	92,780	Var	10	62

REGISTERED CIVIL ENGINEER 10/27/14 DATE

12-15-14
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER Sharon X. Yuan No. 58701 Exp. 12-31-16 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.

2

TEMPORARY WATER POLLUTION CONTROL BMPS

ROUTE	LOCATION No.	DIRECTION	PM	TEMPORARY DI PROTECTION	TEMPORARY HYDRAULIC MULCH	TEMPORARY FIBER ROLL	TEMPORARY COVER
				EA	SQYD	LF	SQYD
92	1	EB	5.34/5.68	2			
	2	EB	5.80/6.00	2			
	3	EB	6.06/6.27				
780	4	WB	1.50/1.57	3	17	200	10
	5	WB	1.59/1.68	3	52	340	20
	6	WB	1.92/2.00			120	10
	7	WB	2.02/2.16	2	39		20
	8	WB	2.23/2.34			400	10
	9	EB	1.59/1.68	4	58	340	20
	10	EB	1.46/1.57	3	34		10
TOTAL				19	200	1400	100

2 **REPLACED PER ADDENDUM No. 2 DATED JUNE 10, 2015**

TEMPORARY WATER POLLUTION CONTROL QUANTITIES

NO SCALE

WPCQ-1

APPROVED FOR WATER POLLUTION CONTROL WORK ONLY

REVISED BY	SY
DATE REVISED	12/15/14
SHARON YUAN	
KAMRAN NAKHJIRI	
CALCULATED-DESIGNED BY	
CHECKED BY	
FUNCTIONAL SUPERVISOR	
KAMRAN NAKHJIRI	

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® WATER QUALITY

LAST REVISION 06-02-15 | DATE PLOTTED => 10-JUN-2015 | TIME PLOTTED => 07:02

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SM,Sol	92,780	Var	62	62

REGISTERED CIVIL ENGINEER 10-16-14 DATE

12-15-14
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER RICHARD LANCE WARREN No. C78431 Exp. 9/30/15 CIVIL STATE OF CALIFORNIA

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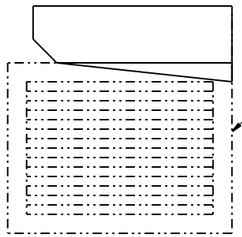
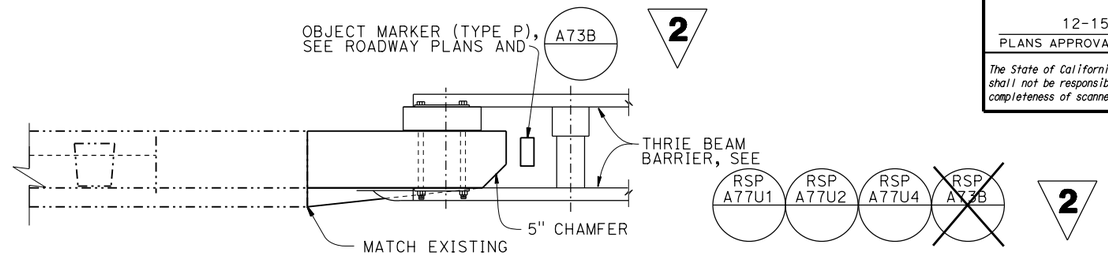


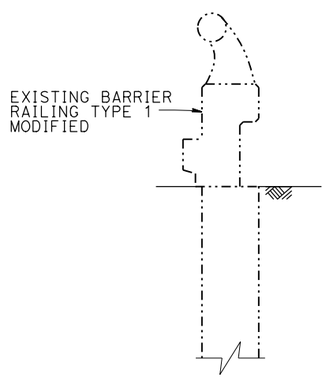
FOR DRAINAGE INLET LOCATIONS & DETAILS, SEE DRAINAGE PLANS. INSTALL 1/4" POLYSTYRENE BETWEEN DRAINAGE INLET & CONCRETE BARRIER RAIL TRANSITION AS NEEDED, SEE B0-13 / 13-2

DRAINAGE INLET DETAIL

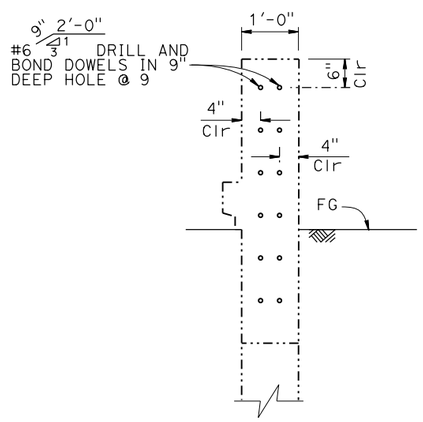


PLAN

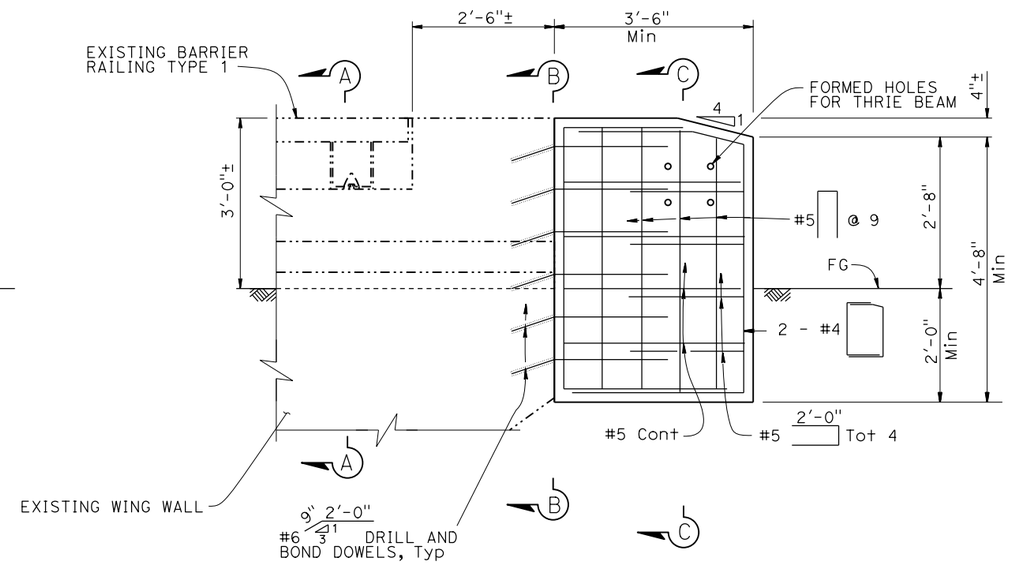
NOTE:
Approach concrete barrier rail transition shown.
Departure concrete barrier rail transition similar



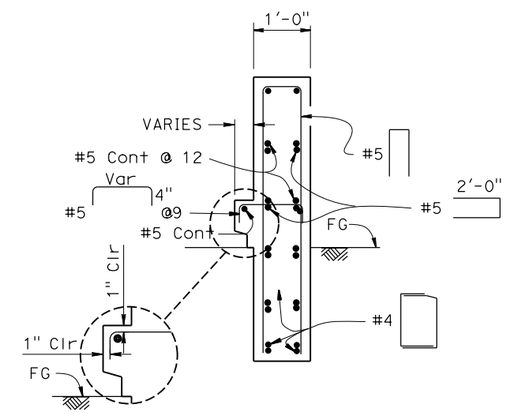
SECTION A-A



SECTION B-B



ELEVATION



NOTE:
Drill and bond dowels not shown
2" clearance on all reinforcement UON

SECTION C-C

2 REPLACED PER ADDENDUM No. 2 DATED JUNE 10, 2015

NOTE:
THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.

NO SCALE

NOTE:
Cut and remove portion of Type 1 and BAGR as required

LEGEND:
Indicates Existing Structure
Indicates New Structure
Standard Plan sheet number
Detail number

DAVID NEUMANN
BRANCH CHIEF

	BY	CHECKED
DESIGN	LANCE WARREN	JOEL MAGANA
DETAILS	HUNG NGUYEN	LANCE WARREN
QUANTITIES	LANCE WARREN	JOEL MAGANA

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES
STRUCTURE DESIGN
DESIGN BRANCH B

BRIDGE NO.
POST MILE 1.58/2.01

THRIE BEAM CONNECTION - TYPE 1
CONCRETE BARRIER RAIL TRANSITION DETAILS

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

UNIT: 3619
PROJECT NUMBER & PHASE: 0400020617
CONTRACT NO.: 04-1G8501

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES 7/1/14

SHEET 2 OF 2

STRUCTURES DESIGN GENERAL PLAN SHEET (ENGLISH) (REV 09-01-10)

FILE => 04-1g8501-u-02.dgn

USERNAME => s114360 DATE PLOTTED => 10-JUN-2015 TIME PLOTTED => 07:03