

ROAD REPAIR AND ACCOUNTABILITY ACT OF 2017  
PROJECT BASELINE AGREEMENT

Madera State Route 99 Widening (EA 06-47090)

Resolution SHOPP-P-1819-04B  
(will be completed by CTC)

1. FUNDING PROGRAM

- ☐ Active Transportation Program  
☐ Local Partnership Program (Competitive)  
☐ Solutions for Congested Corridors Program  
☒ State Highway Operation and Protection Program  
☐ Trade Corridor Enhancement Program

2. PARTIES AND DATE

- 2.1 This Project Baseline Agreement (Agreement) for the *Madera State Route 99 Widening (EA 06-47090)*, effective on, OCTOBER 17, 2018 (will be completed by CTC), is made by and between the California Transportation Commission (Commission), the California Department of Transportation (Caltrans), the Project Applicant, *Caltrans*, and the Implementing Agency, *Caltrans*, sometimes collectively referred to as the "Parties".

3. RECITAL

- 3.2 Whereas at its March 22, 2018 meeting the Commission approved the State Highway Operation and Protection Program, and included in this program of projects the *Madera State Route 99 Widening (EA 06-47090)*, the parties are entering into this Project Baseline Agreement to document the project cost, schedule, scope and benefits, as detailed on the Project Programming Request Form attached hereto as Exhibit A and the Project Report attached hereto as Exhibit B, as the baseline for project monitoring by the Commission.
- 3.3 The undersigned Project Applicant certifies that the funding sources cited are committed and expected to be available; the estimated costs represent full project funding; and the scope and description of benefits is the best estimate possible.

4. GENERAL PROVISIONS

The Project Applicant, Implementing Agency, and Caltrans agree to abide by the following provisions:

- 4.1 To meet the requirements of the Road Repair and Accountability Act of 2017 (Senate Bill [SB] 1, Chapter 5, Statutes of 2017) which provides the first significant, stable, and on-going increase in state transportation funding in more than two decades.
- 4.2 To adhere, as applicable, to the provisions of the Commission:
- ☐ Resolution *Insert Number*, "Adoption of Program of Projects for the Active Transportation Program", dated \_\_\_\_\_
- ☐ Resolution *Insert Number*, "Adoption of Program of Projects for the Local Partnership Program", dated \_\_\_\_\_
- ☐ Resolution *Insert Number*, "Adoption of Program of Projects for the Solutions for Congested Corridors Program", dated \_\_\_\_\_
- ☒ Resolution G-18-13, "Adoption of Program of Projects for the State Highway Operation and Protection Program", dated March 22, 2018
- ☐ Resolution *Insert Number*, "Adoption of Program of Projects for the Trade Corridor Enhancement Program", dated \_\_\_\_\_

- 4.3 All signatories agree to adhere to the Commission's State Highway Operation and Protection Program, Guidelines. Any conflict between the programs will be resolved at the discretion of the Commission.
- 4.4 All signatories agree to adhere to the Commission's SB 1 Accountability and Transparency Guidelines and policies, and program and project amendment processes.
- 4.5 Caltrans agrees to secure funds for any additional costs of the project.
- 4.6 Caltrans agrees to report on a quarterly basis; after July 2019, reports will be on a semi-annual basis on the progress made toward the implementation of the project, including scope, cost, schedule, outcomes, and anticipated benefits.
- 4.7 Caltrans agrees to prepare program progress reports on a quarterly basis; after July 2019, reports will be on a semi-annual basis and include information appropriate to assess the current state of the overall program and the current status of each project identified in the program report.
- 4.8 Caltrans agrees to submit a timely Completion Report and Final Delivery Report as specified in the Commission's SB 1 Accountability and Transparency Guidelines.
- 4.9 All signatories agree to maintain and make available to the Commission and/or its designated representative, all work related documents, including without limitation engineering, financial and other data, and methodologies and assumptions used in the determination of project benefits during the course of the project, and retain those records for four years from the date of the final closeout of the project. Financial records will be maintained in accordance with Generally Accepted Accounting Principles.
- 4.10 The Transportation Inspector General of the Independent Office of Audits and Investigations has the right to audit the project records, including technical and financial data, of the Department of Transportation, the Project Applicant, the Implementing Agency, and any consultant or sub-consultants at any time during the course of the project and for four years from the date of the final closeout of the project, therefore all project records shall be maintained and made available at the time of request. Audits will be conducted in accordance with Generally Accepted Government Auditing Standards.

## **5. SPECIFIC PROVISIONS AND CONDITIONS**

- 5.1 Project Schedule and Cost  
See Project Programming Request Form, attached as Exhibit A.
- 5.2 Project Scope  
See Project Report or equivalent, attached as Exhibit B. At a minimum, the attachment shall include the cover page, evidence of approval, executive summary, and a link to or electronic copy of the full document.
- 5.3 Other Project Specific Provisions and Conditions

### **Attachments:**

Exhibit A: Project Programming Request Form  
Exhibit B: Project Report

SIGNATURE PAGE  
TO  
PROJECT BASELINE AGREEMENT

Madera State Route 99 Widening (EA 06-47090)

Resolution SI40PP-P-1819-04B



Sharri Bender Ehlert

9/14/2018  
Date

District Director

California Department of Transportation



Laurie Berman

9-28-18  
Date

Director

California Department of Transportation



Susan Bransen

10/26/18  
Date

Executive Director

California Transportation Commission

Baseline agreement information was extracted from Caltrans' project data systems. Project description, funding and performance measures are from CTIPS. Project delivery milestones are from PRSM. All information is current and accurate.

## STATE OF CALIFORNIA • DEPARTMENT OF TRANSPORTATION

## BASELINE AGREEMENT

					Date:	09/12/18 02:02:53 PM
District	EA	Project ID		PPNO	Project Manager	
06	47090	0600000973		5335A	KAPOOR, ANAND	
County	Route	Begin Postmile	End Postmile	Implementing Agency		
MAD	99	R 7.5	15.1	PA&ED	Caltrans	
				PS&E	Caltrans	
				Right of Way	Caltrans	
				Construction	Caltrans	
Project Nickname						
Madera 99 Widening						
Location/Description						
In the city of Madera, from Avenue 12 to Avenue 17. Widen from 4 to 6 lanes.						
Legislative Districts						
Assembly:	29	Senate:	12	Congressional:	19	
PERFORMANCE MEASURES						
	Primary Asset	Good	Fair	Poor	New	Total
Existing Condition	Pavement		23.5			23.5
Programmed Condition	Pavement	23.5				23.5
						Units
						Lane-miles
						Lane-miles
Project Milestone						Actual
Project Approval and Environmental Document Milestone						08/14/15
Right of Way Certification Milestone						06/13/18
Ready to List for Advertisement Milestone						07/05/18
Begin Construction Milestone (Approve Contract)						08/01/19
FUNDING (Allocated amounts are shaded)						
Component	Fiscal Year	SHOPP				Total
PA&ED						
PS&E	18/19	1,500				1,500
RW Support						
Const Support	18/19	7,500				7,500
RW Capital						
Const Capital	18/19	53,000				53,000
Total		62,000				62,000

## Memorandum

*Making Conservation a  
California Way of Life!*

To: **BRUCE DE TERRA**  
Chief Division of  
Transportation Programming

Date: June 5, 2018

File: 06-MAD-99  
PM R 7.5-15.1  
EA: 06-47090\_  
E-FIS: (0600000973)  
201.120 (SHOPP)



From: **Arthur Ramirez**  
Design Manager  
Central Region/Office of Design I

Subject: **SUPPLEMENTAL PROJECT REPORT**

This Supplemental Project Report revises the scope, right of way needs, cost estimate, and funding & programing information of this project.

### Scope:

The original scope was to construct an additional lane in each direction in the median to increase the traffic capacity on Route 99 from the Ave 12 interchange to north of the Ave 17 interchange. The revised scope now also includes replacing the remaining existing four lanes with the new pavement. As a result, the cost estimate increased from \$55,536,000 to \$66,000,000.

### Right of Way:

It was originally expected that temporary construction easements from the City of Madera, and a permanent easement from the County of Madera would be required. After further discussions with both agencies, a Permit to Enter would only be required during construction.

Additionally, the utility impacts are now limited to the raising and lowering of AT&T manholes along the northbound shoulder.

The Right of Way Capital Outlay costs decreased from \$600,000 to \$212,000.

## Funding and Programing

### Capital Outlay Support and Project Estimates

Fund Source	Fiscal Year Estimate								
Var.	Prior	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	Total
Component	In thousands of dollars (\$1,000)								
PA&ED Support*	\$2,250								\$2,250
PS&E Support				\$5,195					\$5,195
Right-of-Way Support				\$400					\$400
Construction Support							\$7,500		\$7,500
Right-of-Way Construction				\$212					\$212
							\$66,000		\$66,000
Total	\$2,250			\$5,807			\$73,500		\$81,557

*All costs X\$1000. Support Categories are the same as those identified by SB 45. Construction Capital escalated at 5% Right of Way Capital estimate is escalated. Support cost escalated at 4.2%*

*Support Cost ratio: 23.3% [All Support Costs (\*) divided by the sum of the escalated Construction Capital (\*\*) and the escalated RJW Capital]*

The PA&ED phase was funded by Local Measure. \$2,150,000 of PS&E phase is funded by Local Measure, \$1,545,000 by RIP, and \$1,500,000 by 2018 SHOPP. \$53,000,000 of construction capital is funded by 2018 SHOPP and remaining \$13,000,000 by other contributions. \$7,500,000 of construction support is funded by 2018 SHOPP.


### List of Attachments

- S1) Typical Cross Sections
- S2) Right of Way Data Sheet
- S3) Project Report Approved on August 2015



06-MAD-99-PM R 7.5-15.1  
0600000973/ 06-470901  
201.120 (SHOPP)

This Supplemental Project Report has been prepared under the direction of the following registered civil engineer. The Registered Civil Engineer attests to the technical information contained herein and the engineering data upon which recommendations, conclusions, and decisions are based.

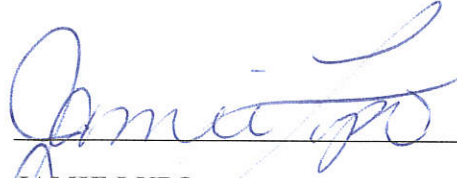
  
ELLERY ELLIS  
Registered Civil Engineer

6/5/18  
Date



06-MAD-99-PM R 7.5-15.1  
0600000973/ 06-470901  
201.120 (SHOPP)

I have reviewed the right of way information contained in this Supplemental Project Report, and find the data to be complete, current, and accurate:



**JAMIE LUPO**  
Chief, Central Region  
Right Of Way

APPROVAL RECOMMENDED:



**ANAND KAPOOR**  
Project Manager

APPROVED:



**SHARRI BENDER EHLERT**  
District 6 Director



Date





STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
Hector Trujillo  
Ellery Ellis  
Arthur Ramirez  
DESIGN

- NOTES:
- DIMENSIONS OF THE STRUCTURE PAVEMENT ARE SUBJECT TO TOLERANCES SPECIFIED IN THE STANDARD SPECIFICATIONS.
  - SUPERELEVATION AS SHOWN OR AS DIRECTED BY THE ENGINEER.
  - FOR EXACT LOCATIONS AND TYPES OF CONC BARRIER, THRIE BEAM AND AC DIKE REFER TO LAYOUTS.

LEGEND:  
SPRR - SOUTHERN PACIFIC RAILROAD

DESIGN DESIGNATION

2020 ADT	81000	D = 55%
2040 ADT	130000	T = 12%
DHV	12400	V = 70 mph
ESAL	114,980,000	TI(20) = 16

Exist STRUCTURAL SECTIONS

E-1	Exist 0.04' HMA-A SAMI-M 0.10' AC 0.67' PCC 0.33' CTB 0.50' AS	E-2	Exist 0.60'-0.47' AC 0.35' CTB	E-5	Exist 0.21' AC 0.47' AB
E-3	Exist 0.50' HMA SAMI-R 0.10' HMA	E-6	Exist 0.21' AC 0.51' AB Var AS	E-7	Exist 0.50' HMA (TYPE A) 1.60' C1 2 AB
E-4	Exist 0.71'-0.76' AC 0.34 CTB 0.51 AS				

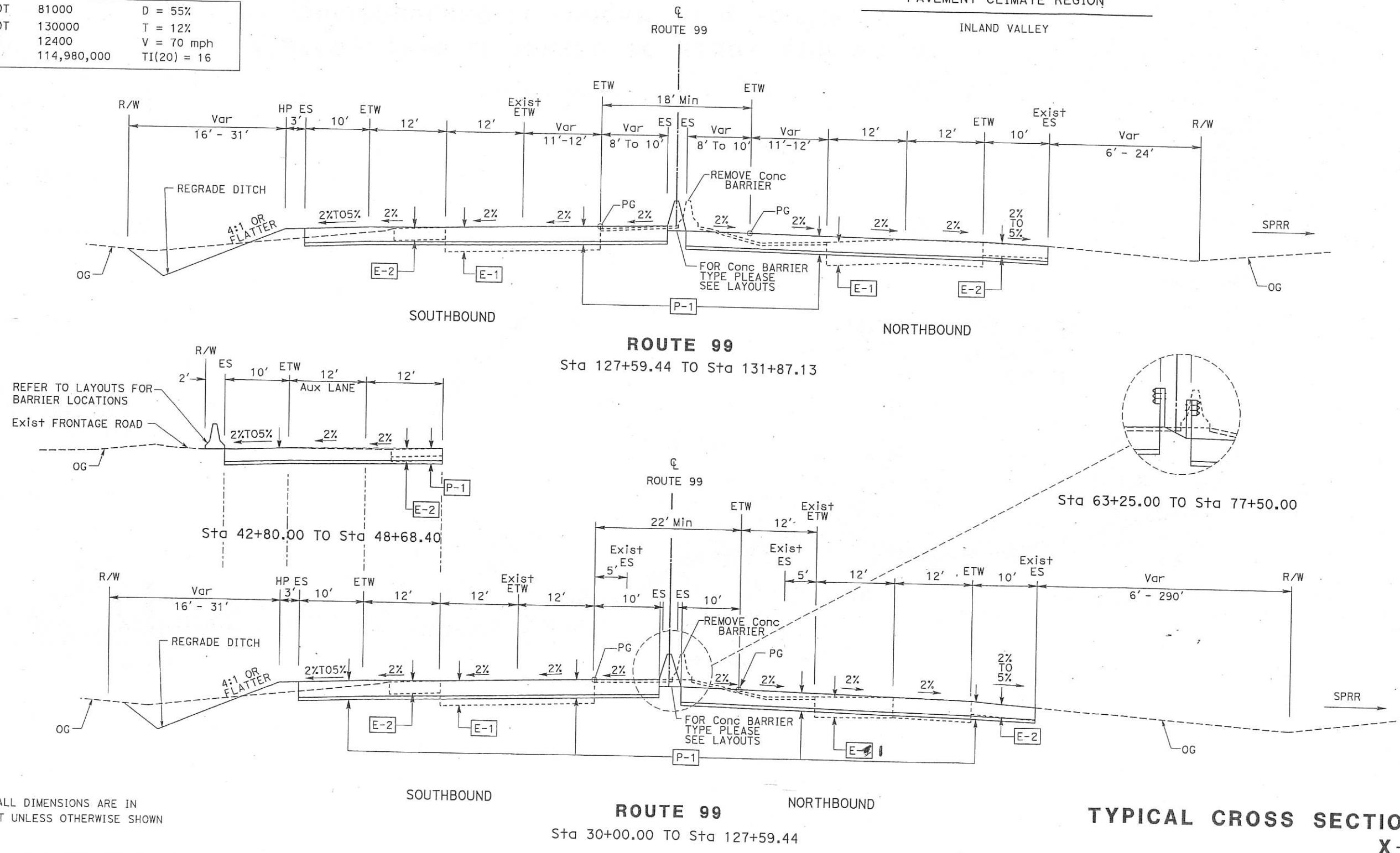
PROPOSED STRUCTURAL SECTIONS

P-1	1.00' CRCP 0.25' HMA (TYPE A)
P-2	1.00' HMA 0.45' C1 2 AB
P-3	1.10' HMA (TYPE A) 0.70' C1 2 AB

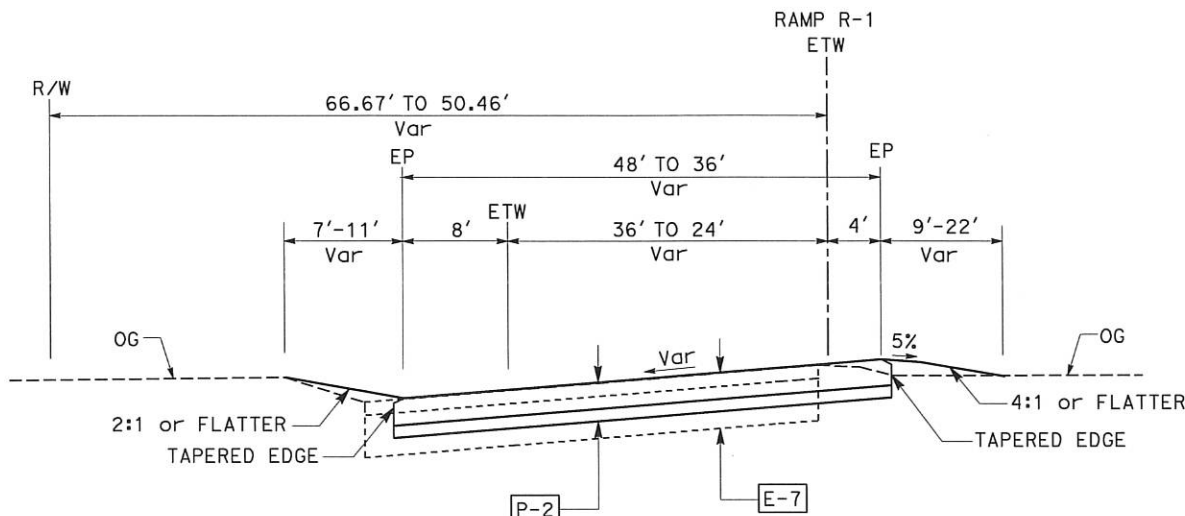
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Mad	99	R7.5/15.1	XXX	???

07-00-18  
REGISTERED CIVIL ENGINEER DATE  
XX-XX-XX  
PLANS APPROVAL DATE  
No. 62592  
Exp. 6-30-18  
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.

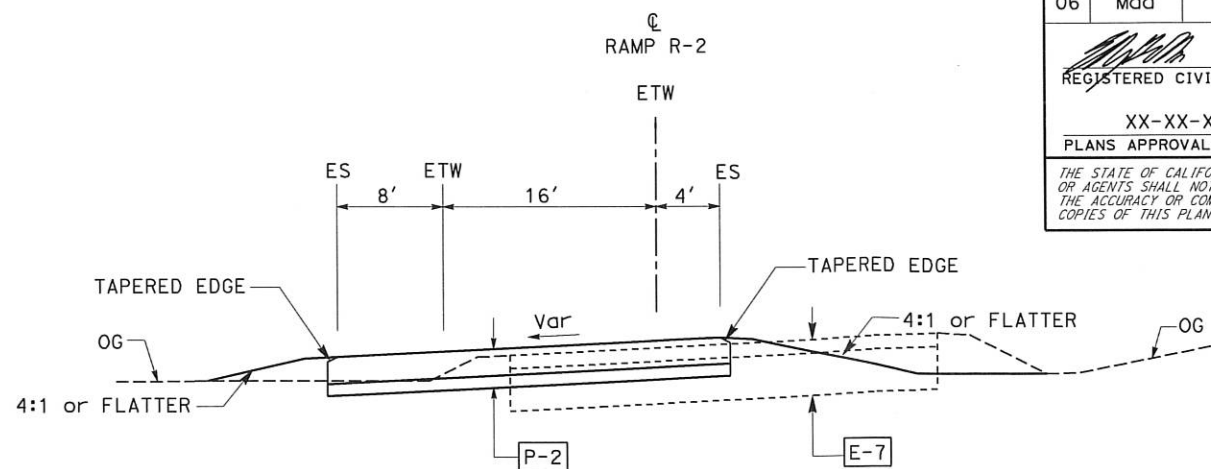
PAVEMENT CLIMATE REGION  
INLAND VALLEY



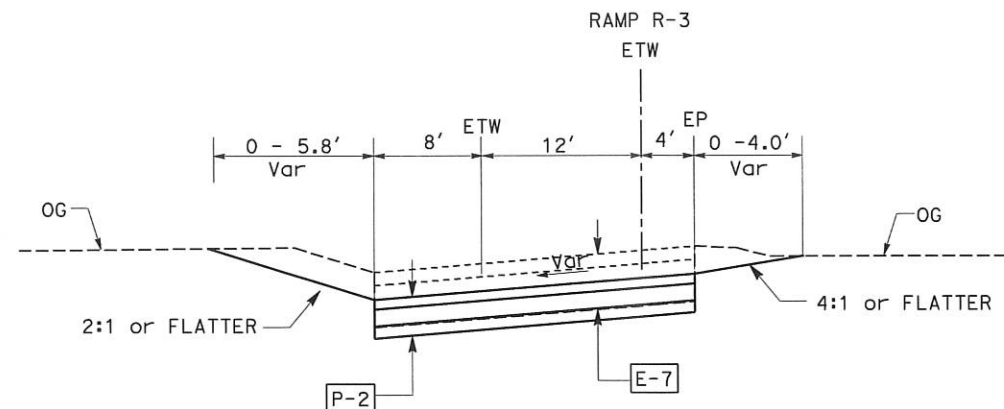
ALL DIMENSIONS ARE IN  
FEET UNLESS OTHERWISE SHOWN



R-1 SB OFF-RAMP  
Sta 51+00.00 TO Sta 55+15.68

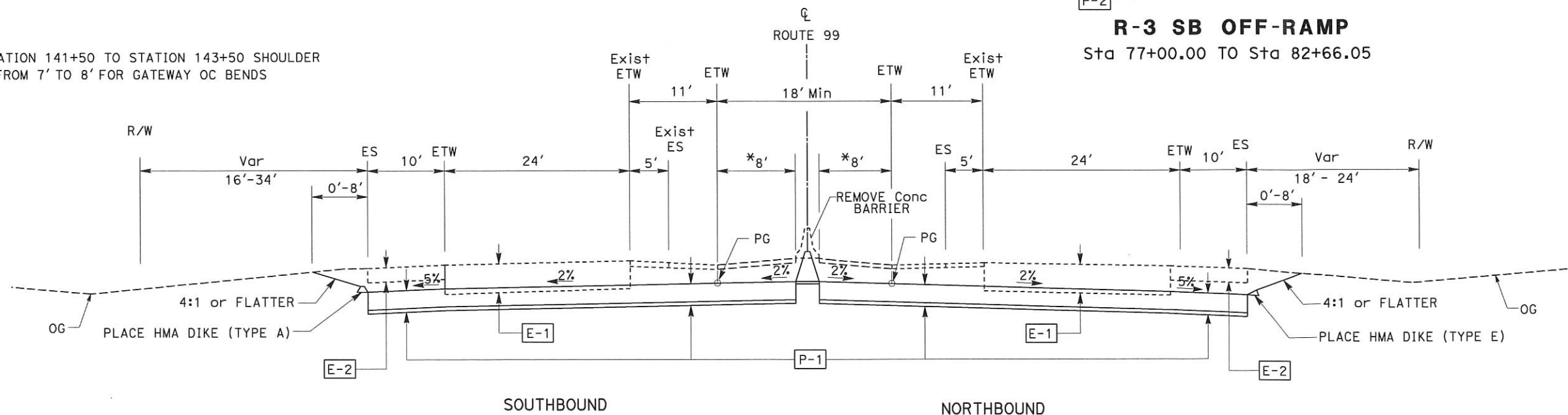


R-2 SB ON-RAMP  
Sta 20+00.00 TO Sta 31+06.00



R-3 SB OFF-RAMP  
Sta 77+00.00 TO Sta 82+66.05

\* FROM STATION 141+50 TO STATION 143+50 SHOULDER VARIES FROM 7' TO 8' FOR GATEWAY OC BENDS



ROUTE 99  
Sta 133+00.00 TO Sta 147+86.00

TYPICAL CROSS SECTIONS  
X-2

NO SCALE









**Memorandum**

To: ANAND KAPOOR

Date: 6/5/2018

Attn: ROLANDO MUSNI/H CHHINA

File: CD 06 EA 470900

Alt 1-REV3

Co MAD RTE 99

ARTHUR RAMIREZ

**DESCRIPTION:**

THE PROJECT IS TO CONSTRUCT AN ADDITIONAL LANE IN EACH DIRECTION IN THE MEDIAN TO INCREASE TRAFFIC CAPACITY ON ROUTE 99 FROM AVENUE 12 INTERCHANGE

From: Department of Transportation  
Division of Right of Way Central Region

Subject: RIGHT OF WAY DATA SHEET

We have completed an estimate of the right of way costs for the above-referenced project based on the Right of Way Data Sheet Request Form dated 3/17/2015

The following assumptions and limiting conditions were identified:**Parcels**

Per Rolando Musni, no new maps on project. The only change is the MCCE. This project was last estimated and reviewed in 2013. This Datasheet (DS) Request was submitted with no mapping and no design information. Current package only included DS Request Form and MCCE Form. Information below is reflecting DS dated 1/17/14 with data evaluation provided by Kent O. Hagen, Dated 10/31/13.

There is no longer a need for a temporary construction easement. Approval was received from the County of Madera and the City of Madera for permits to enter during construction.

**Utility**

There are several irrigation lines that cross under SR 99 and could be affected by the project, the available mapping does not identify any conflicts. The project also has PG&E poles in the area however it was assumed these would remain in place. AT&T manholes will require an LEC exception.

Right of Way Lead Time will require a minimum of 18 months after we receive Certified Appraisal Maps and/or Utility Conflict Plans, obtained necessary environmental clearance and applicable freeway agreements have been approved.

Recommended for approval by:

  
DAVID SHERMAN

Senior Right of Way Agent

(559) 445-6225

**Right Of Way Cost Estimate**

	Current Year 2015	Contingency Rate	Right of Way Escalation Rate	Escalated Year 2018
Acquisition:	\$0	25%	5%	\$0
Mitigation:	\$2,763	25%	5%	\$3,198
State Share of Utilities:	\$180,000	25%	5%	\$208,373
Expert Witness:	\$0	25%	5%	\$0
Relocation Assistance:	\$0	25%	5%	\$0
Demolition and Clearance:	\$0	25%	5%	\$0
Title and Escrow:	\$0	25%	5%	\$0
Ad Signs:	\$0	25%	5%	\$0
<b>Total Current Value:</b>	<b>\$182,763</b>			<b>\$211,570</b>
If RW Cost Est fields are blank, Costs = \$0				

NOTE: above estimate includes railroad engineering in the amount of: \$0.00

Estimated Construction Contract Work (CCW):

0 R/W LEAD TIME/Mo. 18

**Cost Break Down**

Pot Hole	54,000
<b>Mitigation</b>	
Land	0
Bank	0
Permit Fees	2,210

**Parcel Area**

Total R/W Required:	
Total Excess Area:	0

**Misc R/W Work**

# of RAP Displacements:	0
# of Clearance/Demos:	0
# of Const Permits:	1
# of Condemnations:	0

**Utilities**

Companies to be potholed
Companies for Verification
Companies for Utility Relocations
JUA/CCUAs are not needed

**Parcel Data**

# of Parcel Type X:	0	
# of Parcel Type A: less than \$10,000 non-complex	0	
# of Parcel Type B: more than \$10,000 non-complex	0	
# of Parcel Type C: complex, special valuation	0	
# of Parcel Type D: most complex and time consuming	0	# of Duals Needed: 0
<b>Totals:</b>	<b>0</b>	<b>Totals: 0</b>

# of Excess Parcels: 0

**RR Involvement**

Railroad Facilities or Right of Way Affected?	No
Const/Maint Agreement:	no
Service Contract Count:	
Right of Entry:	no
Clauses:	no
Estimated Lead-time	none

**General Description of Railroad Involvement:**

No RR facilities will be affected.

**General Description of R/W and Excess Lands Required (zoning, use, major improvements, critical or sensitive parcels, etc.):**

Per Rolando Musni, no new maps on project. The only change is the MCCE. This project was last estimated and reviewed in 2013. This Datasheet (DS) Request was submitted with no mapping and no design information. Current package only included DS Request Form and MCCE Form. Information below is reflecting DS dated 1/17/14 with data evaluation provided by Kent O. Hagen, Dated 10/31/13.

Temporary Construction easements are located in two areas for the purposes of installing sound walls. Area located near Ave 12. is a permanent easement required to modify the adjacent county road.

**General Description of Utility Involvement:**

Route 99 is designated freeway in the project area. It is assumed that all PG&E poles will remain in place and not require relocation. There is an AT&T line that runs parallel to SR 99 and that may need a design exception for them to stay in the right of way.

Is there a significant effect on assessed valuation:

No

Were any previously unidentified sites with hazardous waste or material found:

No

Are RAP displacements required:

No

# of single family:

0

# of multi-family:

0

# of business/nonprofit:

0

# of farms:

0

Sufficient replacement housing will be available without last resort housing:

Are material borrow or disposal sites required:

No

Are there potential relinquishments or abandonments:

No

Are there any existing or potential airspace sites:

No

Are environmental mitigation parcels required:

Yes

**Data for evaluation provided by:**

Estimator:

Cynthia Willems

4/1/2015

Railroad Liaison Agent:

Michelle Hernandez

4/24/2015

Utility Relocation Coordinator:

Anthony Agsaulio

4/14/2015

*I have personally reviewed this Right of Way Sheet and all supporting information. I find this Data Sheet complete and current, subject to the limiting conditions set forth.*

Date

ENTERED PMCS

4/27/2015

BY: SANDRA SIFUENTES

  
NICHOLAS G. DUMAS

Office Chief, Central Region Right of Way

ATTACHMENT S3: PROJECT REPORT  
APPROVED AUGUST 2015