

ROAD REPAIR AND ACCOUNTABILITY ACT OF 2017
PROJECT BASELINE AGREEMENT
Rt 395 Widening from SR 18 to Chamberlaine Way

Resolution TLEP-P-1819-02B
(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 *Rt 395 Widening from SR 18 to Chamberlaine Way*, effective on, August 15, 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, *San Bernardino County Transportation Authority (SBCTA)*, and the Implementing Agency, *San Bernardino County Transportation Authority (SBCTA)*, sometimes collectively referred to as the "Parties".

3. RECITAL

- 3.2 Whereas at its May 16, 2018 meeting the Commission approved the Trade Corridor Enhancement Program, and included in this program of projects the *Rt 395 Widening from SR 18 to Chamberlaine Way*, 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 *Insert Number*, "Adoption of Program of Projects for the State Highway Operation and Protection Program", dated
 - Resolution TCEP-P-1718-01, "Adoption of Program of Projects for the Trade Corridor Enhancement Program", dated May 16, 2018

- 4.3 All signatories agree to adhere to the Commission's Trade Corridor Enhancement 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 The San Bernardino County Transportation Authority (SBCTA) agrees to secure funds for any additional costs of the project.
- 4.6 The San Bernardino County Transportation Authority (SBCTA) agrees to report to Caltrans 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 The San Bernardino County Transportation Authority (SBCTA) 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

Rt 395 Widening from SR 18 to Chamberlaine Way

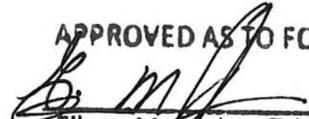
Resolution JCEP-P-1819-02B



Raymond Wolfe Date 7/9/18

Executive Director

Project Applicant **SBCTA**

APPROVED AS TO FORM:

Eileen Moynihan Teichert
SBCTA General Counsel
Date: 7/9/18



Raymond Wolfe Date 7/9/18

Executive Director

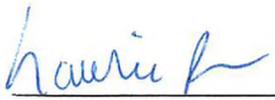
Implementing Agency **SBCTA**

for 

John Bulinski Date 7/9/18

District Director

California Department of Transportation



Laurie Berman Date 7-18-18

Director

California Department of Transportation



Susan Bransen Date 8/15/18

Executive Director

California Transportation Commission

Amendment (Existing Project) Y/N				Date:	06/25/18
District	EA	Project ID	PPNO	MPO ID	Alt Proj. ID / prg.
08	0F631	0813000220	0260J	200451	
County	Route/Corridor	PM Bk	PM Ahd	Project Sponsor/Lead Agency	
SBD	395	11.2	16.6	San Bernardino County Transportation Authority (SBCTA)	
				MPO	Element
				SCAG	CO
Project Manager/Contact		Phone		E-mail Address	
Andrea Nieto		(909)884-8276		anieto@gosbcta.com	
Project Title					
Route 395 Widening from SR 18 to Chamberlaine Way					
Location (Project Limits), Description (Scope of Work)					
<p>Location: This project is located on US 395 between SR 18 and Chamberlaine Way in the City of Adelanto.</p> <p>Description: The project will widen this section of US 395 from two to four lanes. Proposed improvements also include operational improvements such as adding turn lanes and signal improvements at intersections. The project will provide two 12-foot lanes with 8-foot outside shoulders in each direction, and a 14-foot median with rumble strips. The existing single span California Aqueduct Bridge No. 54-0829 and the Joshua Wash Bridge No. 54-0524 will be widened to accommodate the proposed roadway improvements. In addition, the following five intersections (all located within the limits of the portion of US-395 being widened) will be improved: Holly Road/Hopland Street, Seneca Road, Air Expressway, Auburn Avenue and El Mirage Road.</p>					
Component		Implementing Agency			
PA&ED		Caltrans			
PS&E		Caltrans			
Right of Way		San Bernardino County Transportation Authority (SBCTA)			
Construction		San Bernardino County Transportation Authority (SBCTA)			
Legislative Districts					
Assembly:	33	Senate:	21	Congressional:	8
Project Benefits					
Provide congestion relief and improve safety and operations along this segment of US 395. See page 2 for details					
Purpose and Need					
The purpose of this project is to relieve congestion and enhance the operational efficiency of the corridor by constructing a continuous four-lane highway. The existing US-395 has two and four-lane portions within the project limits. The two-lane portions consist of a twelve-foot travel lane and a shoulder that varies from five to eight feet for both the north and southbound lanes. The two-lane segments also carry a large volume of traffic with a high percentage of trucks, which restricts passing opportunities. See page 2 for additional details.					
Category		Outputs/Outcomes		Unit	Total
State Highway Road Construction		Mixed flow lane-miles constructed		Miles	10.8
State Highway Road Construction		Modified/Reconstructed bridges		each	2
State Highway Road Construction		Turn pockets constructed		each	22
State Highway Road Construction		Sound wall miles constructed		Miles	0.55
State Highway Road Construction		Intersections modified		each	5
ADA Improvements	Y	Bike/Ped Improvements	N	Reversible Lane analysis	N
Inc. Sustainable Communities Strategy Goals			Y	Reduces Greenhouse Gas Emissions	
				Y	
Project Milestone				Existing	Proposed
Project Study Report Approved					
Begin Environmental (PA&ED) Phase				11/01/2006	
Circulate Draft Environmental Document		Document Type	ND	10/01/2009	
Draft Project Report				11/01/2009	
End Environmental Phase (PA&ED Milestone)				12/31/2009	
Begin Design (PS&E) Phase				03/01/2014	
End Design Phase (Ready to List for Advertisement Milestone)				07/15/2018	07/30/18
Begin Right of Way Phase				10/01/2014	
End Right of Way Phase (Right of Way Certification Milestone)				04/30/2018	07/27/18
Begin Construction Phase (Contract Award Milestone)				01/01/2019	02/06/19
End Construction Phase (Construction Contract Acceptance Milestone)				06/30/2021	09/15/21
Begin Closeout Phase				07/01/2021	09/16/21
End Closeout Phase (Closeout Report)				07/01/2022	06/16/23

ADA Notice

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PROJECT PROGRAMMING REQUEST

DTP-0001 (Revised Mar, 1 2018 v7.08)

Date: 06/25/18

Additional Information

Project Need: US-395 is a major interregional highway moving goods and people along a north-south corridor in eastern California. Much of US-395 is a four-lane divided highway with a high percentage of trucks. The portion of US-395 between SR-58 and I-15 is two-lane, and generally higher volume for both passenger vehicles and trucks than segments to the north of SR-58. Average Annual Daily Traffic (AADT) volume on this segment is approximately 18,500 vehicles per day, 17% of which (over 3,000 per day) is trucks (Ref. updated Transportation Concept Report, June 2017 – Adelanto Rd. to Air Expressway segment). US-395 in this area is in need of improvement because of:

- Heavy existing traffic volume for a two-lane highway.
- Heavy truck volume, particularly accommodating truck flows between SR-58 and I-15. US-395 is a critical connector between these facilities.
- Limited passing opportunities, combined with differential speeds between passenger cars and trucks.
- Future growth in the Victor Valley and surrounding areas. Traffic projections for US-395 for this segment show upwards of 47,000 vehicles per day by 2040, with over 5,000 of these being trucks (ref. 2017 Caltrans Transportation Concept Report). This is well beyond the capacity of a two-lane facility with this volume and percentage of trucks.
- The need to better service the industrial development in and around Southern California Logistics Airport (SCLA).

Project Benefits:

- The benefit/cost ratio for the improvement over the 20-year analysis period is 3.1.
- The net present value (NPV) of benefits is \$110.6 million over that period.
- 20% of the benefits are attributable to trucks.
- Accident cost savings represent 9.5% of the total savings.
- Some 90,000 tons of CO2 emissions will be saved over the 20-year analysis period. This is primarily attributable to the relief of congestion, which will become more severe if this segment is not improved. About 4% of the economic benefits can be attributed to emission cost savings.
- Without improvement, the peak period average speed in this portion of US-395 would gradually deteriorate from about 54 mph in Year 1 to less than 20 mph in Year 20.

3		INVESTMENT ANALYSIS																																															
		SUMMARY RESULTS																																															
Life-Cycle Costs (mil. \$)	\$52.0																																																
Life-Cycle Benefits (mil. \$)	\$162.6																																																
Net Present Value (mil. \$)	\$110.6																																																
Benefit / Cost Ratio:	3.1																																																
Rate of Return on Investment:	11.4%																																																
Payback Period:	12 years																																																
Should benefit-cost results include:																																																	
1) Induced Travel? (y/n)	<input checked="" type="checkbox"/> Y Default = Y																																																
2) Vehicle Operating Costs? (y/n)	<input checked="" type="checkbox"/> Y Default = Y																																																
3) Accident Costs? (y/n)	<input checked="" type="checkbox"/> Y Default = Y																																																
4) Vehicle Emissions? (y/n) Includes value for CO _{2e}	<input checked="" type="checkbox"/> Y Default = Y																																																
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Fund No. 3:		Local Funds - SBD Co Measure I (XSBD)							Program Code	
		Existing Funding (\$1,000s)							20.10.400.100	
Component	Prior	18/19	19/20	20/21	21/22	22/23	23/24+	Total	Funding Agency	
E&P (PA&ED)									San Bernardino Associated Govern	
PS&E										
R/W SUP (CT)										
CON SUP (CT)										
R/W	582							582		
CON										
TOTAL	582							582		
		Proposed Funding (\$1,000s)								
E&P (PA&ED)										
PS&E										
R/W SUP (CT)										
CON SUP (CT)										
R/W	582							582		
CON										
TOTAL	582							582		

Fund No. 4:		Demo - Demonstration-State TEA21 (DEMOS21)							Program Code	
		Existing Funding (\$1,000s)							20.30.010.680	
Component	Prior	18/19	19/20	20/21	21/22	22/23	23/24+	Total	Funding Agency	
E&P (PA&ED)										
PS&E										
R/W SUP (CT)										
CON SUP (CT)										
R/W	360							360		
CON										
TOTAL	360							360		
		Proposed Funding (\$1,000s)								
E&P (PA&ED)										
PS&E										
R/W SUP (CT)										
CON SUP (CT)										
R/W	360							360		
CON										
TOTAL	360							360		

Fund No. 5:		Other State - National Hwy System (NH)							Program Code	
		Existing Funding (\$1,000s)							SHOPP	
Component	Prior	18/19	19/20	20/21	21/22	22/23	23/24+	Total	Funding Agency	
E&P (PA&ED)										
PS&E										
R/W SUP (CT)										
CON SUP (CT)										
R/W										
CON		214						214		
TOTAL		214						214		
		Proposed Funding (\$1,000s)								
E&P (PA&ED)									SHOPP	
PS&E										
R/W SUP (CT)										
CON SUP (CT)										
R/W										
CON		214						214		
TOTAL		214						214		

Fund No. 6:		Federal Disc. - Exploratory Advanced Research (EAR) (EAR)							Program Code	
		Existing Funding (\$1,000s)							20.XX.400.300	
Component	Prior	18/19	19/20	20/21	21/22	22/23	23/24+	Total	Funding Agency	
E&P (PA&ED)										
PS&E										
R/W SUP (CT)										
CON SUP (CT)										
R/W										
CON		2,558						2,558		
TOTAL		2,558						2,558		
		Proposed Funding (\$1,000s)							Notes	
E&P (PA&ED)									2016 Repurpose Earmark	
PS&E										
R/W SUP (CT)										
CON SUP (CT)										
R/W										
CON		2,558						2,558		
TOTAL		2,558						2,558		

Fund No. 7:		State SB1 TCEP - Trade Corridors Enhancement Account (TCEA)							Program Code	
		Existing Funding (\$1,000s)							20.XX.723.200	
Component	Prior	18/19	19/20	20/21	21/22	22/23	23/24+	Total	Funding Agency	
E&P (PA&ED)										
PS&E										
R/W SUP (CT)										
CON SUP (CT)										
R/W										
CON		23,292						23,292		
TOTAL		23,292						23,292		
		Proposed Funding (\$1,000s)							Notes	
E&P (PA&ED)									Regional	
PS&E										
R/W SUP (CT)										
CON SUP (CT)										
R/W										
CON		23,292						23,292		
TOTAL		23,292						23,292		

Fund No. 8:		State SB1 TCEP - Trade Corridors Enhancement Account (TCEA)							Program Code	
		Existing Funding (\$1,000s)							20.XX.723.100	
Component	Prior	18/19	19/20	20/21	21/22	22/23	23/24+	Total	Funding Agency	
E&P (PA&ED)										
PS&E										
R/W SUP (CT)										
CON SUP (CT)										
R/W										
CON		1,000						1,000		
TOTAL		1,000						1,000		
		Proposed Funding (\$1,000s)							Notes	
E&P (PA&ED)									State	
PS&E										
R/W SUP (CT)										
CON SUP (CT)										
R/W										
CON		1,000						1,000		
TOTAL		1,000						1,000		

Fund No. 9:		Local Measure I							Program Code	
Existing Funding (\$1,000s)										
Component	Prior	18/19	19/20	20/21	21/22	22/23	23/24+	Total	Funding Agency	
E&P (PA&ED)										
PS&E										
R/W SUP (CT)										
CON SUP (CT)										
R/W										
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TOTAL										
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E&P (PA&ED)										
PS&E										
R/W SUP (CT)										
CON SUP (CT)										
R/W										
CON		200						200		
TOTAL		200						200		

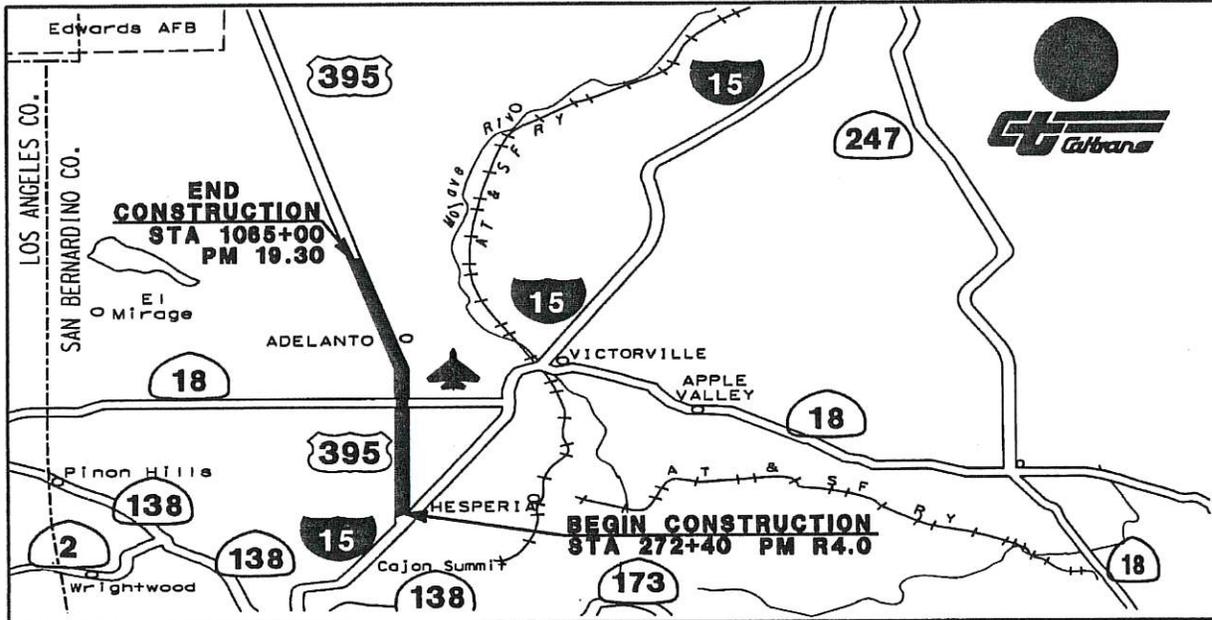
08-SBd-395, PM R4.0/19.3

08-236-0F6300

HE-13(STIP)

20.20.025.700

PROJECT REPORT



VICINITY MAP

In San Bernardino County, On United States Route 395
 From 0.16 mi North Of Interstate Route 15 Junction
 To 1.80 mi South Of Desert Flower Road

I have reviewed the right of way information contained in this Project Report and the R/W Data Sheet attached hereto, and find the data to be complete, current, and accurate:

**BASEM MUALLEM – ACTING DEPUTY DISTRICT DIRECTOR
 RIGHT OF WAY**

APPROVAL
 RECOMMENDED:

for **DAVID BRICKER – DEPUTY DISTRICT DIRECTOR
 ENVIRONMENTAL PLANNING**

JIM ROBINSON – PROJECT MANAGER

GAM
 FOR

CHRISTY CONNORS – DEPUTY DISTRICT DIRECTOR DESIGN

APPROVED:

RAYMOND W. WOLFE, PHD - DISTRICT DIRECTOR

12/31/09

Date

Supplemental Project Report For Project Approval

On Route 395

Between State Route 18

And Chamberlaine Way

I have reviewed the right of way information contained in this Project Report and the R/W Data Sheet attached hereto, and find the data to be complete, current and accurate:

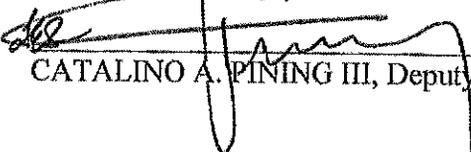

REBECCA GUIRADO, Deputy District Director, Right of Way

APPROVAL
RECOMMENDED:

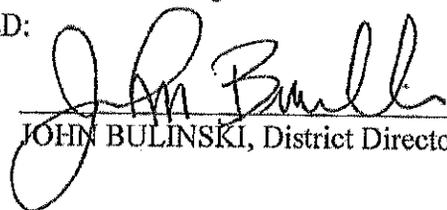

DAVID BRICKER, Deputy District Director, Environmental Planning


WIL OCHOA, Project Manager


CHRISTY CONNORS, Deputy District Director, Design


CATALINO A. PINING III, Deputy District Director, Traffic Operations

APPROVED:


JOHN BULINSKI, District Director

11/20/17
Date

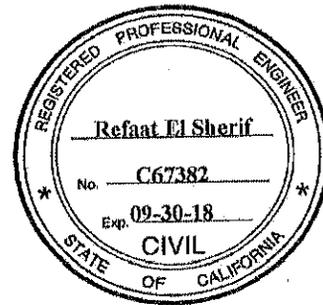
This Supplemental Project Report has been prepared under the direction of the following registered civil engineer. The registered civil engineer attests to the technical information contained herein and the engineering data upon which recommendations, conclusion and decisions are base.



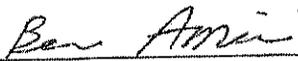
REFAAT M. EL SHERIF
Registered Civil Engineer

8/28/2017

Date



Concurred by:



BEN AMIRI
Office Chief, Design I

8/25/2017

Date

1. INTRODUCTION

A Project Report (PR) with expenditure authorization (EA 0F630), was approved on December 31, 2009 to widen United States Highway 395 (US-395) from one to two lanes in each direction from 0.16 mile north of the junction of US-395 and Interstate 15 (I-15), in the City of Hesperia, to approximately 1.80 mile south of Desert Flower Road, in the City of Adelanto, in San Bernardino County, between Post Mile (PM) R4.0 to PM 19.3.

This Supplemental Project Report (SPR) addresses the splitting of the original parent project identified by EA 0F630 into three separate projects identified by the following three EAs (Attachment A):

- EA 0F631 - from PM 11.2 to PM 16.6 (Phase 1 - Segment 5, 6, 7, and 8)
- EA 0F632 - from PM 16.6 to PM 19.3 (Phase 2 – Segment 1, 2, 3, and 4)
- EA 0F633 - from PM R4.0 to PM 11.2 (Phase 3 – Segment 9)

The scope of work for all three projects remains the same as the scope of work identified in the original PR that was approved on December 31, 2009 (Attachment E). The splitting of the original project limits is due to a funding constraint to construct the entire 15 miles of widening concurrently. As a result, the parent project was split into three projects to be constructed at three phases as shown above. Throughout the limits of this project, portions of the roadway have been widened from two lanes to four lanes by various projects. The remaining locations in need of widening were separated into segments. There are a total of 9 segments within the entire 15 miles (Attachment A). Currently, San Bernardino County Transportation Authority (SBCTA) has funding available for construction capital and support for phase 1 only. Other phases will be constructed as funding becomes available.

Within the limits of the proposed phase 1, this portion of the route is still under development with restricted passing areas, limited paved parallel system access and crossing routes, which constrains accessibility and that attributes to increased congestion along the route. Phase 1 improvements occur northwest of Victorville and Adelanto which consists of widening portions of the route where it is currently 1-lane in each direction. In addition, Joshua Wash Bridge No. 54-052 will be widened and the following three intersections along US-395 are proposed for improvement: Air Base Road, Seneca Road and Holly Road/Adelanto Road. Per SBCTA, the Cities of Adelanto, Victorville, and Hesperia have requested that phase 1 (from PM 11.2 to PM 16.6) be constructed prior to the other phases to help with operations and efficiency of the route. A Cooperative Agreement (08-1559) between Caltrans and SBCTA to prepare the Plans, Specification and Estimate (PS&E) package for this project was signed on July 11, 2013.

Concurrence with both National Environmental Policy Act (NEPA) and California Environmental Quality Act (CEQA) was achieved on November 18, 2015 with signature approval of the NEPA/CEQA Revalidation Form. The technical studies related to the parent project still remain valid for this project, however a new Air Quality Report was generated and approved November 2015, a Supplemental Noise Study Report was prepared and

approved on October 27, 2015 and a Final Aerially Deposited Lead Report (ADL) was approved April 28, 2015 which is related to Hazardous Waste. Results from these reports determined and concluded no new impacts (Attachment C).

The current estimated capital construction cost for EA 0F631 is \$24,628,200 (Attachment B). The capital right of way cost, which includes Right of Way Acquisition & Utility Relocation is estimated at \$8,740,000 (Attachment D).

2. RECOMMENDATION

It is recommended that this Supplement Project Report be approved.

3. PROJECT PERSONNEL

<u>Name</u>	<u>Title and Branch</u>	<u>Telephone No.</u>
Ben Amiri	Office Chief, Design I	(909) 383-6872
Wil Ochoa	Project Manager	(909) 806-3200
Juan Carlos Alvarez	Project Engineer	(909) 383-4931

4. ATTACHMENTS

Attachment A: Location Map of Project Limits for all three phases

Attachment B: Project Cost Estimate

Attachment C: NEPA/CEQA Re-Validation Form

Attachment D: Right of Way Data Sheet

Attachment E: Project Report signed cover sheet (EA: 0F6300)

Attachment A
Map of Project Limits
for all three phases



COLUSA

PHASE TWO

SEGMENT	LENGTH (MILES)	STATION
9	2.7	920+50 TO 1065+00

EL MIRAGE

AIR EXPRESSWAY

PHASE ONE

SEGMENT	LENGTH (MILES)	STATION
8	1.3	819+00 TO 889+00

PHASE ONE

SEGMENT	LENGTH (MILES)	STATION
7	1.5	790+50 TO 810+00

Adelanto

HOLLY

PHASE ONE

SEGMENT	LENGTH (MILES)	STATION
6	0.4	702+00 TO 723+00

MOJAVE

Victoryville

PHASE ONE

SEGMENT	LENGTH (MILES)	STATION
5	1.2	564+00 TO 698+00

PHASE THREE

SEGMENT	LENGTH (MILES)	STATION
4	1.4	491+50 TO 554+00

BEAR VALLEY

PHASE THREE

SEGMENT	LENGTH (MILES)	STATION
3	0.9	436+50 TO 485+00

PHASE THREE

SEGMENT	LENGTH (MILES)	STATION
2	2.0	331+50 TO 435+50

PHELAN

Reupertia

MAIN

PHASE THREE

SEGMENT	LENGTH (MILES)	STATION
1	1.1	269+00 TO 326+00

Attachment B
Project Cost Estimate

0F631 PS&E Cost Estimate

Project ID: 08130002201

Type of Estimate : Supplemental PR
 Program Code : HE-13
 Project Limits : In San Bernardino County, On US Rte 395 (Palmdale Rd) From Route 18 (PM 11.2) to Chamberlaine Way (PM 16.6) - Phase 1
 Description: Widen Highway from 2 to 4 Lanes, a left-turn channelization with rumble strips in the median and add standard shoulders
 Scope :
 Alternative :

	Current Cost	Escalated Cost
ROADWAY ITEMS	\$ 24,182,200	\$ 27,993,919
STRUCTURE ITEMS	\$ 446,000	\$ 516,301
SUBTOTAL CONSTRUCTION COST	\$ 24,628,200	\$ 28,510,220
RIGHT OF WAY	\$ 8,739,974	\$ 8,739,974
TOTAL CAPITAL OUTLAY COST	\$ 33,369,000	\$ 37,251,000
PR/ED SUPPORT	\$ -	\$ -
PS&E SUPPORT	\$ -	\$ -
RIGHT OF WAY SUPPORT	\$ -	\$ -
CONSTRUCTION SUPPORT	\$ -	\$ -
TOTAL CAPITAL OUTLAY SUPPORT COST*	\$ -	\$ -
TOTAL PROJECT COST	\$ 33,400,000	\$ 37,300,000

If Project has been programmed enter Programmed Amount \$ -

Date of Estimate (Month/Year) Month / Year 8 / 2017

Estimated Date of Construction Start (Month/Year) 7 / 2018

Number of Working Days 180 Working Days

Estimated Mid-Point of Construction (Month/Year) Month / Year 1 2019

Number of Plant Establishment Days 0 Days

Estimated Project Schedule

PID Approval
 PA/ED Approval
 PS&E September-17
 RTL March-18
 Begin Construction July-18

Approved by Project Manager

Wii Ochoa

(909) 806-3200

Project Manager

Date

Phone

I. ROADWAY ITEMS SUMMARY

Section	Cost
1 Earthwork	\$ 2,462,000
2 Pavement Structural Section	\$ 10,325,800
3 Drainage	\$ 421,000
4 Specialty Items	\$ 1,881,200
5 Environmental	\$ 1,466,200
6 Traffic Items	\$ 1,927,500
7 Detours	\$ -
8 Minor Items	\$ 554,600
9 Roadway Mobilization	\$ 1,903,900
10 Supplemental Work	\$ 579,500
11 State Furnished	\$ 534,600
12 Contingencies	\$ 1,151,600
13 Overhead	\$ 974,300
TOTAL ROADWAY ITEMS	
	\$ 24,182,200

Estimate Prepared By JC Alvarez 11/4/2015 (909)383-4931
Name and Title Date Phone

Estimate Reviewed By _____
Name and Title Date Phone

By signing this estimate you are attesting that you have discussed your project with all functional units and have incorporated all their comments or have discussed with them why they will not be incorporated.

SECTION 1: EARTHWORK

Item code	Unit	Quantity	Unit Price (\$)	Cost
160101 Clearing & Grubbing	LS	1	x 270,000.00	= \$ 270,000
170101 Develop Water Supply	LS	1	x 72,000.00	= \$ 72,000
190101 Roadway Excavation	CY	110,000	x 17.00	= \$ 1,870,000
192037 Structure Excavation (Retaining Wall)	CY	1,380	x 70.00	= \$ 96,600
193013 Structure Backfill (Retaining Wall)	CY	1,100	x 70.00	= \$ 77,000
193031 Pervious Backfill Material (Retaining Wall)	CY	17	x 80.00	= \$ 1,360
198001 Impored Borrow	CY	3,000	x 25.00	= \$ 75,000

TOTAL EARTHWORK SECTION ITEMS	\$ 2,462,000
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SECTION 2: PAVEMENT STRUCTURAL SECTION

Item code	Unit	Quantity	Unit Price (\$)	Cost
846051 12" Rumble Strip (AC Pmnt)	STA	1,122	x 50.00	= \$ 56,100
153103 Cold Plane Asphalt Concrete Pavement	SQYD	10,950	x 5.00	= \$ 54,750
153121 Remove Concrete	CY	210	x 200.00	= \$ 42,000
260201 Class 2 Aggregate Base	CY	61,100	x 35.00	= \$ 2,138,500
390132 Hot Mix Asphalt (Type A)	TON	86,910	x 90.00	= \$ 7,821,900
397005 Tack Coat	TON	55	x 1,000.00	= \$ 55,000
731502 Minor Concrete (Misc. Const)	CY	105	x 1,500.00	= \$ 157,500

TOTAL STRUCTURAL SECTION ITEMS	\$ 10,325,800
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SECTION 3: DRAINAGE

Item code	Unit	Quantity		Unit Price (\$)		Cost
150801 Remove Overside Drain	EA	1	x	636.00	= \$	636
152383 Relocate Overside Drain	EA	1	x	750.00	= \$	750
510502 Minor Concrete (Minor Structure)	CY	110	x	1,100.00	= \$	121,000
650018 24" RCP Pipe	LF	933	x	120.00	= \$	111,960
650026 36" RCP Pipe	LF	3	x	200.00	= \$	600
650030 48" RCP Pipe	LF	120	x	300.00	= \$	36,000
705206 24" Concrete FES	EA	25	x	1,000.00	= \$	25,000
705207 48" Concrete FES	EA	2	x	3,000.00	= \$	6,000
721013 Rock Slope Protection (1/4 ton)	CY	219	x	500.00	= \$	109,500
721612 Concrete-Rock Slope Protection(Facing Meth	CY	8	x	280.00	= \$	2,240
729011 Rock Slope Protection Fabric (Class 8)	SQYD	311	x	20.00	= \$	6,220
750001 Miscellaneous Iron and Steel	LB	215	x	5.00	= \$	1,075

TOTAL DRAINAGE ITEMS	\$	421,000
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SECTION 4: SPECIALTY ITEMS

Item code	Unit	Quantity		Unit Price (\$)		Cost
070012 Progress Schedule (Critical Path Method)	LS	1	x	10,000.00	= \$	10,000
150662 Remove Metal Beam Guard Railing	LF	300	x	15.00	= \$	4,500
150668 Remove Terminal Systems	EA	2	x	250.00	= \$	500
190110 Lead Compliance Plan	LS	1	x	5,000.00	= \$	5,000
498052 16" CIDH Concrete Piling (Sound Wall)	LF	3,950	x	60.00	= \$	237,000
510060 Structural Concrete (Retaining Wall)	CY	350	x	650.00	= \$	227,500
510524 Minor Concrete (Sound Wall)	CY	361	x	500.00	= \$	180,500
518002 Sound Wall (Masonry Block)	SQFT	37,000	x	20.00	= \$	740,000
520103 Bar Reinf. Steel (Retaining Wall)	LB	27,100	x	2.00	= \$	54,200
800360 Chain Link Fence CL-6	LF	540	x	80.00	= \$	43,200
832001 Metal Beam Guard Railing	LF	375	x	50.00	= \$	18,750
8395XX Terminal System (Type CAT)	EA	3	x	5,000.00	= \$	15,000
839726 Concrete Barrier (Type 736A)	LF	620	x	250.00	= \$	155,000
839734 Concrete Barrier (Type 736SV)	LF	760	x	250.00	= \$	190,000

TOTAL SPECIALTY ITEMS	\$	1,881,200
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SECTION 5: ENVIRONMENTAL

5A - ENVIRONMENTAL MITIGATION

Item code	Unit	Quantity		Unit Price (\$)	=	Cost
071325 Temporary Fence (Type ESA)	LS	1	x	250,000.00	= \$	250,000
						Subtotal Environmental \$ 250,000

5B - LANDSCAPE AND IRRIGATION

Item code	Unit	Quantity		Unit Price (\$)	=	Cost
200114 Rock Blanket	SQFT	9,200	x	20.00	= \$	184,000
203026 Move In/ Move Out (Erosion Control)	EA	3	x	600.00	= \$	1,800
204030A Transplant Tree	EA	4	x	750.00	= \$	3,000
204099 Plant Establishment (Type 2 125 Days)	LS	1	x	20,000.00	= \$	20,000
210130 Duff	AC	17	x	2,950.00	= \$	50,150
210250 Hydroseed	SQYD	753,720	x	0.10	= \$	75,372
						Subtotal Landscape and Irrigation \$ 334,322

5C - NPDES

Item code	Unit	Quantity		Unit Price (\$)	=	Cost
074016 Construction Site Management	LS	1	x	482,500.00	= \$	482,500
074019 Prepare SWPPP	LS	1	x	19,500.00	= \$	19,500
074028 Temporary Fiber Roll	LF	20,000	x	3.00	= \$	60,000
074031 Gravel Bag Berm	LF	32,860	x	3.00	= \$	98,580
074033 Temporary Construction Entrance	EA	12	x	3,000.00	= \$	36,000
074034 Plastic Cover	SQFT	43,560	x	0.30	= \$	13,068
074035 Temporary Check Dams	EA	1,540	x	3.50	= \$	5,390
074037 Move In/ Move Out (Temporary Erosion Control)	EA	1	x	5,000.00	= \$	5,000
074038 Storm Drain Inlet Protection	LF	1	x	300.00	= \$	300
074038A Overside Drain	LF	20	x	50.00	= \$	1,000
074039 Outlet Protection/Velocity Dissipation Devices	EA	32	x	500.00	= \$	16,000
074041 Street Sweeping	LS	1	x	60,000.00	= \$	60,000
074042 Temporary Concrete Washout (Portable)	LS	1	x	40,000.00	= \$	40,000
074056 Rain Event Action Plan	EA	15	x	500.00	= \$	7,500
074057 Storm Water Annual Report	EA	2	x	2,000.00	= \$	4,000
074058 Storm Water Sampling and Analysis Day	EA	15	x	2,200.00	= \$	33,000

Supplemental Work for NPDES

(These costs are not accounted in total here but under Supplemental Work on sheet 7 of 11).

066595 Water Pollution Control Maintenance Sharing	LS	1	x	50,000.00	= \$	50,000
066596 Additional Water Pollution Control**	LS	1	x	80,000.00	= \$	80,000
066597 Storm Water Sampling and Analysis***	LS	1	x	6,000.00	= \$	6,000

Subtotal NPDES (Without Supplemental Work) \$ **881,838**

*Applies to all SWPPPs and those WPCPs with sediment control or soil stabilization BMPs.

**Applies to both SWPPPs and WPCP projects.

***Applies only to project with SWPPPs.

TOTAL ENVIRONMENTAL	\$ 1,466,200
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SECTION 6: TRAFFIC ITEMS

6A - Traffic Electrical

Item code	Unit	Quantity		Unit Price (\$)	=	Cost
860090 Maintain Existing Traffic Management	LS	1	x	1,000.00	= \$	1,000
860890 Modify Traffic Monitoring Station (Count)	LS	1	x	14,000.00	= \$	14,000
861497 Modify Signal and Lighting Loc. 1	LS	1	x	108,000.00	= \$	108,000
861498 Modify Signal and Lighting Loc. 2	LS	1	x	106,000.00	= \$	106,000
861499 Modify Signal and Lighting Loc. 3	LS	1	x	92,000.00	= \$	92,000
861500 Modify Signal and Lighting Loc. 4	LS	1	x	174,000.00	= \$	174,000
861501 Modify Signal and Lighting Loc. 5	LS	1	x	82,000.00	= \$	82,000
<u>Subtotal Traffic Electrical</u>						<u>\$ 577,000</u>

6B - Traffic Signing and Striping

Item code	Unit	Quantity		Unit Price (\$)	=	Cost
120090 Construction Area Signs	LS	1	x	5,000.00	= \$	5,000
141103 Remove Yellow Thermoplastic Traffic Stripe	LF	32,563	x	0.50	= \$	16,282
141120 Treated Wood Waste	LB	500	x	1.00	= \$	500
150714 Remove Thermoplastic Traffic Stripe	LF	76,098	x	0.25	= \$	19,025
150715 Remove Thermoplastic Pavement Marking	SQFT	904	x	2.00	= \$	1,808
150722 Remove Pavement Marker	EA	1,586	x	1.00	= \$	1,586
152299 Reset Milepost Marker	EA	5	x	70.00	= \$	350
152303 Reset Marker and Delinotor	EA	20	x	300.00	= \$	6,000
152316 Reset Roadside Sign(One Post)	EA	10	x	300.00	= \$	3,000
152317 Reset Roadside Sign(Two Post)	EA	15	x	500.00	= \$	7,500
566011 Roadside Sign (One Post)	EA	51	x	250.00	= \$	12,750
566012 Roadside Sign (Two Post)	EA	17	x	500.00	= \$	8,500
568063A Furnish Single Sheet Aluminum Sign	SQFT	409	x	20.00	= \$	8,180
568063B Furnish Laminated Panel Sign	SQFT	295	x	20.00	= \$	5,900
840515 Thermoplastic Pavement Marking	SQFT	904	x	30.00	= \$	27,120
840506 8" Thermoplastic Traffic Stripe	LF	6,712	x	2.00	= \$	13,424
840560 4" Thermoplastic Traffic Stripe(sprayable)	LF	167,111	x	0.30	= \$	50,133
850122 Pavement Marker (Retroreflective_Recessed)	EA	3,905	x	8.00	= \$	31,240
<u>Subtotal Traffic Signing and Striping</u>						<u>\$ 218,297</u>

6C - Stage Construction and Traffic Handling

Item code	Unit	Quantity		Unit Price (\$)	=	Cost
120100 Traffic Control System	LS	1	x	350,000.00	= \$	350,000
120161 Temporary Traffic Stripe	LF	1,300	x	0.20	= \$	260
120300 Temporary Pavement Marker	EA	40	x	3.00	= \$	120
128650 Portable Changeable Message Signs	EA	6	x	2,000.00	= \$	12,000
129000 Temporary Railing (Type K)	LF	50,000	x	15.00	= \$	750,000
129100 Temp. Crash Cushion Module	EA	66	x	300.00	= \$	19,800
<u>Subtotal Stage Construction and Traffic Handling</u>						<u>\$ 1,132,180</u>

TOTAL TRAFFIC ITEMS	\$ 1,927,600
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SECTION 7: DETOURS

Include constructing, maintaining, and removal

Item code	Unit	Quantity	Unit Price (\$)	Cost
0713XX Temporary Fence (Type X)	LF	X	"	\$ -
07XXXX Temporary Drainage	LS	X	"	\$ -
120143 Temporary Pavement Delineation	LF	X	"	\$ -
1286XX Temporary Signals	EA	X	"	\$ -
129000 Temporary Railing (Type K)	LF	X	"	\$ -
190101 Roadway Excavation	CY	X	"	\$ -
198001 Imported Borrow	CY	X	"	\$ -
198050 Embankment	CY	X	"	\$ -
250401 Class 4 Aggregate Subbase	CY	X	"	\$ -
260201 Class 2 Aggregate Base	CY	X	"	\$ -
390132 Hot Mix Asphalt (Type A)	TON	X	"	\$ -
XXXXXX Some Item	LS	X	"	\$ -
TOTAL DETOURS				\$ -

SUBTOTAL SECTIONS 1-7 \$ 18,483,700

SECTION 8: MINOR ITEMS

8A - Americans with Disabilities Act Items	ADA Items	0.0%	\$ -
8B - Bike Path Items	Bike Path Items	0.0%	\$ -
8C - Other Minor Items	Other Minor Items	0.0%	\$ -
Total of Section 1-7		\$ 18,483,700 x 3.0%	= \$ 554,511
TOTAL MINOR ITEMS			\$ 554,600

SECTIONS 9: MOBILIZATION

Item code	999990	Total Section 1-8	\$ 19,038,300 x 10%	= \$ 1,903,830	\$ 1,903,830
TOTAL MOBILIZATION				\$ 1,903,900	

SECTION 10: SUPPLEMENTAL WORK

Item code	Unit	Quantity	Unit Price (\$)	Cost
066015 Federal Trainee Program	LS	1	x 5,000.00	= \$ 5,000
066090 Maintain Traffic	LS	1	x 167,500.00	= \$ 167,500
066094 Value Analysis	LS	1	x 10,000.00	= \$ 10,000
066595 Water Pollution Control Maintenance Shari	LS	1	x 6,000.00	= \$ 6,000
066596 Additional Water Pollution Control	LS	1	x 12,000.00	= \$ 12,000
066597 Stormwater Sampling and Analysis	LS	1	x 6,000.00	= \$ 6,000
066670 Payment Adjustments For Price Index Fluc	LS	1	x 152,000.00	= \$ 152,000
066700 Partnering	LS	1	x 50,000.00	= \$ 50,000
066860 Maintain Existing Electrical	LS	1	x 20,000.00	= \$ 20,000
066920 Dispute Review Board	LS	1	x 15,000.00	= \$ 15,000
<i>Cost of NPDES Supplemental Work specified in Section 5C</i>				= \$ 136,000
Total Section 1-8		\$ 19,038,300	0%	= \$ -
TOTAL SUPPLEMENTAL WORK				\$ 579,500

II. STRUCTURE ITEMS

Bridge 1

DATE OF ESTIMATE	11/04/15	00/00/00	00/00/00
Bridge Name	Joshua Wash	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
Bridge Number	54-0524	57-XXX	57-XXX
Structure Type	Box Culvert	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
Width (Feet) [out to out]	0.00 LF	0.00 LF	0.00 LF
Total Bridge Length (Feet)	0.00 LF	0.00 LF	0.00 LF
Total Area (Square Feet)	1380 SQFT	0 SQFT	0 SQFT
Structure Depth (Feet)	0.00 LF	0.00 LF	0.00 LF
Footing Type (pile or spread)	Spread	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
Cost Per Square Foot	\$388.00	\$0.00	\$0.00

COST OF EACH STRUCTURE	\$446,000.00	\$0.00	\$0.00
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DATE OF ESTIMATE	00/00/00	00/00/00	00/00/00
Name	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
Bridge Number	57-XXX	57-XXX	57-XXX
Structure Type	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
Width (Feet) [out to out]	0.00 LF	0.00 LF	0.00 LF
Total Length (Feet)	0.00 LF	0.00 LF	0.00 LF
Total Area (Square Feet)	0 SQFT	0.00 SQFT	0.0 SQFT
Structure Depth (Feet)	0.00 LF	0.00 LF	0.00 LF
Footing Type (pile or spread)	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
Cost Per Square Foot	\$0.00	\$0.00	\$0.00

COST OF EACH STRUCTURE	\$0.00	\$0.00	\$0.00
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TOTAL COST OF BRIDGES	\$446,000.00
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TOTAL COST OF BUILDINGS	\$0.00
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TOTAL COST OF STRUCTURES¹	\$446,000.00
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Estimate Prepared By: _____
XXXXXXXXXXXXXXXXXXXX ----- Division of Structures

_____ Date

¹Structure's Estimate includes Overhead and Mobilization.
Add more sheets if needed. Call them 9a, 9b, 9c, ..., etc

III. RIGHT OF WAY

Fill in all of the available information from the Right of Way data sheet.

A)	A1) Acquisition, including Excess Land Purchases, Damages & Goodwill,		\$	3,427,410
	A2) SB-1210		\$	0
B)	Acquisition of Offsite Mitigation		\$	0
C)	C1) Utility Relocation (State Share)		\$	3,677,000
	C2) Potholing (Design Phase) 200 potholes @ \$650/ea		\$	130,000
D)	Railroad Acquisition		\$	0
E)	Clearance / Demolition		\$	0
F)	Relocation Assistance (RAP and/or Last Resort Housing Costs)		\$	0
G)	Title and Escrow		\$	89,000
H)	Project Permit Fees		\$	10,000
I)	Condemnation Settlements	0%	\$	1,406,564
	(Items G & H applied to items A + B)			
J)	Design Appreciation Factor	0%	\$	0
K)	Utility Relocation (Construction Cost)		\$	0

L)

TOTAL RIGHT OF WAY ESTIMATE	\$8,739,974
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(Excluding Item #8 - Hazardous Waste)

M)

TOTAL R/W ESTIMATE: Escalated	\$8,739,974
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N)

Right of Way Support	\$	0
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Support Cost
Estimate Prepared By _____ Project Coordinator¹ _____ Phone _____

Utility Estimate
Prepared By _____ Utility Coordinator² _____ Phone _____

R/W Acquisition
Estimate Prepared By _____ Right of Way Estimator³ _____ Phone _____

¹ When estimate has Support Costs only ² When estimate has Utility Relocation

³ When R/W Acquisition is required

Attachment C
NEPA/CEQA Re-Validation Form

NEPA/CEQA RE-VALIDATION FORM

DIST./CO./RTE.	08/5BD 396
PM/PM	11.2/16.6
E.A. or Fed-Aid Project No.	EA 08-0F631 /PN 0813000220
Other Project No. (specify)	NA
PROJECT TITLE	US 395 Phase 1 Segments 5, 6, 7, 8
ENVIRONMENTAL APPROVAL TYPE	California Environmental Quality Act (CEQA) - Initial Study w/ Mitigated Negative Declaration National Environmental Policy Act (NEPA) Categorical Exclusion (CE) 4005 23 U.S.C. 327
DATE APPROVED	CEQA=12/30/09 NEPA=12/31/09
REASON FOR CONSULTATION (23 CFR 771.129)	Check reason for consultation: <input checked="" type="checkbox"/> Project proceeding to next major federal approval <input checked="" type="checkbox"/> Change in scope, setting, effects, mitigation measures, requirements <input type="checkbox"/> 3-year timeline (EIS only) <input type="checkbox"/> N/A (Re-Validation for CEQA only)
DESCRIPTION OF CHANGED CONDITIONS	Parent project 0F630 PM R4.0 to PM 19.3 is being split into three different projects with the same scope of work as Funds are not available to construct the entire project at once.

NEPA CONCLUSION - VALIDITY

Based on an examination of the changed conditions and supporting information: (Check ONE of the three statements below, regarding the validity of the original document/determination (23 CFR 771.129). If document is no longer valid, indicate whether additional public review is warranted and whether the type of environmental document will be elevated.)

- The original environmental document or CE remains valid. No further documentation will be prepared.
- The original environmental document or CE is in need of updating; further documentation has been prepared and is included on the continuation sheet(s) or is attached. With this additional documentation, the original ED or CE remains valid.
- Additional public review is warranted (23 CFR 771.111(h)(3)) Yes No
- The original document or CE is no longer valid.
- Additional public review is warranted (23 CFR 771.111(h)(3)) Yes No
- Supplemental environmental document is needed. Yes No
- New environmental document is needed. Yes No (If "Yes," specify type: _____)

CONCURRENCE WITH NEPA CONCLUSION

I concur with the NEPA conclusion above.

Signature: Environmental Branch Chief

Date

Signature: Project Manager/DLAE

Date

CEQA CONCLUSION (Only mandated for projects on the State Highway System.)

Based on an examination of the changed conditions and supporting information, the following conclusion has been reached regarding appropriate CEQA documentation: (Check ONE of the five statements below, indicating whether any additional documentation will be prepared, and if so, what kind. If additional documentation is prepared, attach a copy of this signed form and any continuation sheets.)

- Original document remains valid. No further documentation is necessary.
- Only minor technical changes or additions to the previous document are necessary. An addendum has been or will be prepared and is included on the continuation sheets or will be attached. It need not be circulated for public review. (CEQA Guidelines, §15164)
- Changes are substantial, but only minor additions or changes are necessary to make the previous document adequate. A Supplemental environmental document will be prepared, and it will be circulated for public review. (CEQA Guidelines, §15163)
- Changes are substantial, and major revisions to the current document are necessary. A Subsequent environmental document will be prepared, and it will be circulated for public review. (CEQA Guidelines, §15162) (Specify type of subsequent document, e.g., Subsequent FEIR.)
- The CE is no longer valid. New CE is needed. Yes No

CONCURRENCE WITH CEQA CONCLUSION

I concur with the CEQA conclusion above.

Signature: Environmental Branch Chief

Date

Signature: Project Manager/DLAE

Date

NEPA/CEQA RE-VALIDATION FORM

CONTINUATION SHEET(S)

Address only substantial changes or substantial new information since approval of the original document and only those areas that are applicable. Use the list below as section headings as they apply to the project change(s). Use as much or as little space as needed to adequately address the project change(s) and the associated impacts, minimization, avoidance and/or mitigation measures, if any.

Changes in project design, e.g., substantial scope change; a new alternative; change in project alignment

The original project with Expenditure Authorization (EA) 0F830 (Parent Project) from PM R4.0 to PM 19.3 is being split into three different projects with the same scope of work as Funds are not available to construct the entire project at once. Each segment will be constructed as Funds become available. This proposed project for Phase 1 includes segments 6,6,7,8 and is located from PM 11.2 to PM 16.6. All other aspects related to the scope of work remain the same.

Changes in environmental setting, e.g., new development affecting traffic or air quality;

-NA-

Changes in environmental circumstances, e.g., a new law or regulation; change in the status of a listed species.

-NA-

Changes to environmental impacts of the project, e.g., a new type of impact, or a change in the magnitude of an existing impact.

All technical studies related to the parent project still remain valid for this scope change except for Air, Noise and Hazardous Waste. Results from the updated Air, Noise and Hazardous Waste determined and concluded no new impacts.

Changes to avoidance, minimization, and/or mitigation measures since the environmental document was approved.

-NA-

Changes to environmental commitments since the environmental document was approved, e.g., the addition of new conditions in permits or approvals. When this applies, append a revised Environmental Commitments Record (ECR) as one of the Continuation Sheets.

-NA-

Attachment D
Right of Way Data Sheet

Date: 10/03/2014
 08-SBd 395 - PM 11.2/16.6
 Widen 2-4 lanes & add LT pockets
 UPDATE-REVISED (Easements)
 EA 0F631 PN #0813000220

To: BEN AMIRI
 From: SHENEQUA BOUTTE,
 R/W Project Delivery
 Subject: Current Estimated Right of Way Costs

We have completed an updated ROW data sheet for estimate of the right of way costs for the above-referenced project based on maps we received from you September 25, 2014 and the following assumptions and limiting conditions:

- 1. The mapping did not provide sufficient detail to determine the limits of the right of way required.
- 2. The transportation facilities have not been sufficiently designed so that the estimator could determine the damages to any of the remainder parcels affected by the project.
- 3. Additional right of way requirements are anticipated, but are not defined due to the preliminary nature of the early design requirements.
- 4. We have determined there are no right of way functional involvement in the proposed project at this time, as designed.

Right of Way Lead Time will require a minimum of 21 months after we begin receiving final right of way requirements (PYPSCAN node No. 224), necessary environmental clearance has been obtained, and freeway agreements have been approved. From the date of receipt of final right of way requirements (PYPSCAN node No. 225), we will require a minimum of 15 months prior to the date of certification of the project. Either of these actions may reflect adversely on the District's other programs or our public image generally.

*TOTAL PROJECT HOURS FOR R/W:

CONDEMNATION/OVERSITE ESTIMATE for SANBAG PURPOSES: 11,238/444 Hours

*NOTE: THESE HOURS ARE PRELIMINARY BASED ON THE INFORMATION PROVIDED WITH THE DATA SHEET REQUEST. HOURS ARE SUBJECT TO CHANGE AS NEW INFORMATION IS PROVIDED.

Attachments:

- Right of Way Data Sheet
- Utility Information Sheet
- Railroad Information Sheet

EVNT RW	<u>10/8</u>
COST RW1 - 6	_____
TEXT TT	<u>10/8</u>
SCAN	<u>10/8</u>
CLASS	_____
AGRE	_____
TPRC	_____

Date: 10/03/2014
 08-SBd 395 - PM 11.2/16.6
 Widen 2-4 lanes & add LT pockets
 UPDATE-REVISED (Easements)
 EA 0F631 PN #0813000220

1. Right of Way Cost Estimate:

	Value
A. Acquisition, including Excess Lands Damages, Goodwill, Major Rehabilitation, and Environmental Permits to Enter	\$ 3,427,410.00
B. Acquisition of Offsite Mitigation. None Requested.	\$ 0.00
C. Utility - Relocation (State share)	\$ 3,677,000.00
- Potholing 200 Potholes @ \$650/ea	\$ 130,000.00
D. RAP	\$ 0.00
E. Clearance/Demolition	\$ 0.00
F. Title and Escrow Fees	\$ 89,000.00
G. Project Permit Fees	\$ 10,000.00
H. Condemnation Costs	\$ 1,406,564.00
I. Total RW Estimate:	\$ 8,739,974.00
J. Construction Contract Work	\$ 0.00

1a. Real Property Services:

A. Routine Maintenance (Object Code 058)	\$ 0.00
B. Advertising Costs (Object Code 039)	\$ 0.00
C. Utility Costs (Object Code 002)	\$ 0.00
D. Total Real Property Services Estimate:	\$ 0.00

2. Anticipated Pyscan Date of Right of Way Certification 3/2016

3. Parcel Data:

Type	Dual/Appr	Utility Involvement	RR Involvement	No
X _____	_____	U4-1 <u>6</u>	C&M Agreement	<u>0</u>
A _____	_____	-2 <u>7</u>	Svc Contract	<u>0</u>
B <u>66</u>	_____	-3 _____	OE Clearances	<u>0</u>
C <u>4</u>	_____	-4 _____	Clauses	<u>0</u>
D _____	_____	U5-7 _____	LIC/ROE	<u>0</u>
E <u>xxxx</u>	_____	-8 <u>13</u>	Government Lands	<u>No</u>
F <u>xxxx</u>	_____	-9 <u>26</u>	Number of Parcels	<u>0</u>
			Misc. RW Work	<u>0</u>
			RAP Displacement	<u>0</u>
			Clear/Demo	<u>0</u>
			Const Permits	<u>0</u>
			Condemnation	<u>28</u>
			Permits to Enter-ENV	<u>0</u>
Total	<u>70</u>			

Areas: Right of Way: S.F. 710,697
 Excess: S.F. 0
 No. Excess Land Parcels: 0

4. Are there major items of construction contract work?
 Yes ___ No X (If yes, explain.)

5. Provide a general description of the right of way and excess lands required (zoning, use, major improvements, critical or sensitive parcels, etc.). ~~No right of way required.~~ _____

Type and Number of Parcels:	Fee	<u>56</u>	70 Parcels Total
	Partial	<u>52</u>	
	Full	<u>4</u>	
	Easements	<u>43</u>	
	Temporary	<u>8</u>	
	Permanent	<u>43</u>	

6. Is there an effect on assessed valuation?
 Yes ___ Not Significant ___ No X (If yes, explain.)

7. Are utility facilities or rights of way affected?
 Yes X No ___ (If "Yes," attach Utility Information Sheet, Exhibit 4-EX-5.)
 The following checked items may seriously impact lead time for utility relocation:
 Longitudinal policy conflict(s).
 Environmental concerns impacting acquisition of potential easements.
 Power lines operating in excess of 50 KV and substations.
 (See attached Exhibit 4-EX-5 for explanation.)

8. Are railroad facilities or rights of way affected? Yes ___ No X
 (If yes, attach Railroad Information Sheet, Exhibit 4-EX-6.)

9. Were any previously unidentified sites with hazardous waste and/or material found? Yes ___ None Evident X (If yes, attach memorandum per Procedural Handbook Chapter 4, Section 4.01.10.00.)

10. Are RAP displacements required? Yes ___ No X (If yes, provide the following information.)
 No. of single family ___ No. of business/nonprofit ___
 No. of multi-family ___ No. of farms ___

Based on Draft/Final Relocation Impact Statement/Study dated _____, it is anticipated that sufficient replacement housing (will/will not) be available without Last Resort Housing.

11. Are there material borrow and/or disposal sites required?
 Yes ___ No X (If yes, explain.)

12. Are there potential relinquishments and/or abandonments?
 Yes ___ No X (If yes, explain.)

13. Are there existing and/or potential Airspace sites?
 Yes ___ No X (If yes, explain.)

14. Indicate the anticipated Right of Way schedule and lead time requirements.
 (Discuss if District proposes less than PMCS lead time and/or if significant pressures for project advancement are anticipated.)

PYPSCAN lead time (from Maps to R/W to project certification) 6 months.

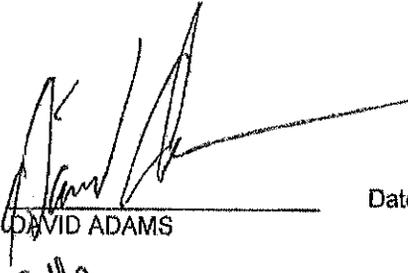
15. Is it anticipated that all Right of Way work will be performed by CALTRANS staff?
 Yes ___ No X (If no, discuss.) SANDBAG Project

Date: 10/03/2014
08-SBd 395 - PM 11.2/16.6
Widen 2-4 lanes & add LT pockets
UPDATE-REVISED (Easements)
EA 0F631 PN #0813000220

Evaluations prepared by:

Right of Way:

Name

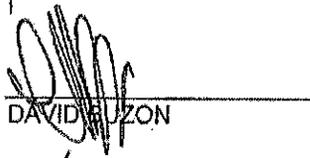

DAVID ADAMS

Date

10/0/14

Railroad:

Name

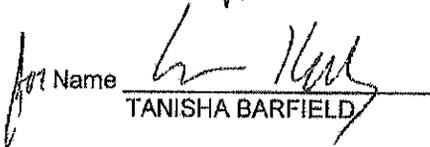

DAVID RUZON

Date

10/9/14

Utilities:

Name

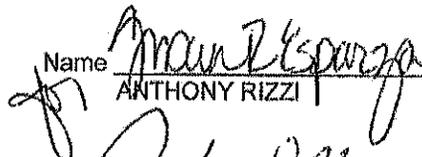

TANISHA BARFIELD

Date

10-9-14

Government Lands:

Name


ANTHONY RIZZI

Date

10-8-14

Property Management:

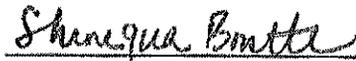
Name


JACKIE WILLIAMS

Date

10-8-14

Reviewed By:


SHENEQUA BOUTTE, Senior
Project Coordination
District 8, Right of Way

Date

10/8/14

I have personally reviewed this Right of Way Data Sheet and all supporting information. I certify that the probable Highest and Best Use, estimated values, escalation rates, and assumptions are reasonable and proper subject to the limiting conditions set forth, and I find this Data Sheet complete and current.


ROBERT SO,
Deputy District Director
District 8, Right of Way

Date

10/8/14

cc: Program Manager
Project Manager

This utility estimate was prepared using "project specific" data and unit values. This information is not to be utilized for the updating or preparation of this, or any other Right of Way Cost Report or Utility Information Sheet.

08-SBd-395 PM 11.2/16.6
EA 0F631 PR# 0813000220

UTILITY INFORMATION SHEET

1. Name of utility companies involved in project:

CITY OF ADELANTO	SCE DISTRIBUTION- FIBER OPTIC
ATT TRANSMISSION	SC EDISON - TELECOMMUNICATION
CHARTER COMMUNICATIONS – HESPERIA	TW TELECOM – LONG HAUL
KINDER MORGAN ENERGY PARTNERS	VERIZON
SC GAS VICTORVILLE – TRANSMISSION	CITY OF VICTORVILLE
SPRINT	VICTORVILLE WATER DISTRICT
SW GAS	

2. Types of facilities and agreements required:

Phone, Water, Electric, Fiber Optics, Fire Hydrants, Water Valves, Telecomm, Gas, Petroleum Pipeline, CATV, Sewer

Notice to Owner, Utility Agreement, Pos Loc Agreements

3. Is any facility a longitudinal encroachment in existing or proposed access controlled right of way? **NO**

Disposition of Longitudinal encroachment(s):

Yes Relocation required
 _____ Exception to policy needed
Yes Other. Explain Possible positive location

4. Additional information concerning utility involvements on this project. Is there any special circumstances/facilities requiring additional lead time?

This project proposes to widen approximately 28 feet in each direction on State Route 395 (SR- 395). This project would add one 12-foot lane with 8-foot outside shoulders in each direction and a 14-foot median with rumble strips. The median would provide a buffer between opposing traffic flows and the necessary pockets for left-turn maneuvers.

Along SR 395 there are approximately 70 Edison poles that will need to be relocated. Additionally, there are vaults, cable/splice boxes and fire hydrants within the project limits.

Design must provide the Right of Way Coordinator (UC) with geometric base maps and a written request for utility verification [see Design Task D282 (220.D)]. The UC will then contact all appropriate Utility Owners (UO's) for verifications and corrections. The UC will then provide Design with the updated information and/or UO As-Builts and Design can then prepare accurate utility location maps or U-Sheets. Design will then determine all utility conflicts that require positive location and/or relocation [see Design Task D283 (220.D)].

This utility estimate was prepared using "project specific" data and unit values. This information is not to be utilized for the updating or preparation of this, or any other Right of Way Cost Report or Utility Information Sheet.

5.

PMCS input information:

Total estimated cost of State's obligation for utility relocation on this project:

Once potholing is completed, if any utility facilities are in conflict, then Design must request this datasheet to be revised to reflect costs.

(Phase 9 funding) \$ 3,677,000.00

Utility Involvement

U4-1	<u>6</u>	U5-7	
-2	<u>7</u>	-8	<u>13</u>
-3	<u> </u>	-9	<u>26</u>
-4	<u> </u>		

Prepared By


TANISHA BARFIELD
Right of Way Utility Estimator

Date:

6/26/14

Date: 10/03/2014
 08-SBd 395 - PM 11.2/16.6
 Widen 2-4 lanes & add LT pockets
 UPDATE-REVISED (Easements)
 EA 0F631 PN #0813000220

RAILROAD AND GOVERNMENT LANDS INFORMATION SHEET

1. Describe railroad facilities or rights of way affected.

NONE

2. When branch lines or spurs are affected, would acquisition and/or payment of damages to businesses and/or industries served by the railroad facility be more cost effective than construction of a facility to perpetuate the rail service? Yes ___ No X (If yes, explain.)

3. Discuss types of agreements and rights required from the railroads. Are grade crossings requiring service contracts, or grade separations requiring construction and maintenance agreements involved?

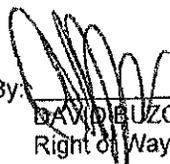
NONE

4. Remarks (non-operating railroad right of way involved?):

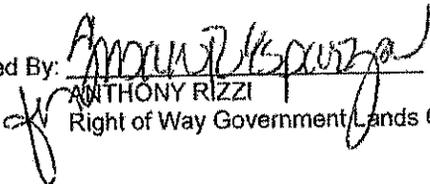
5. Is Government Lands involved? Yes ___ No X
 If yes, number of parcels 0
 Agency Name and Explanation:

6. PMCS Input Information

RR Involvement	<u>No</u>
C&M Agreement	<u>0</u>
SVC Contract	<u>0</u>
OE Clearances	<u>0</u>
Clauses	<u>0</u>
LIC/RE	<u>0</u>
Government Lands	<u>No</u>
Number parcels	<u>0</u>

Prepared By: 
 DAVID DEUZON
 Right of Way Railroad Coordinator

Date: 10/8/14

Prepared By: 
 ANTHONY RIZZI
 Right of Way Government Lands Coordinator

Date: 10-8-14

Date: 10/03/2014
 08-SBd 395 - PM 11.2/16.6
 Widen 2-4 lanes & add LT pockets
 UPDATE-REVISED (Easements)
 EA 0F631 PN #08I3000220

PROPERTY MANAGEMENT/EXCESS LAND INFORMATIONAL SHEET

<u>WBS CODE</u>	<u>WBS ACTIVITY</u>	<u>NUMBER OF PARCELS</u>	<u>HOURS</u>	<u>COST</u>
	<u>PROPERTY MANAGEMENT</u>	<u>NOT APPLICABLE</u>		
195.40.05	Fair Market Rent Determinations (Residential)	_____	_____	_____
195.40.10	Fair Market Rent Determinations (Non-Residential)	_____	_____	_____
195.40.15	Regular Rental Property Management	<u>70</u>	<u>150</u>	_____
195.40.20	Property Maintenance and Rehabilitation (Rental Property)	_____	_____	_____
195.40.25	Property Maintenance and Rehabilitation (Non-Rental Property)	<u>70</u>	<u>150</u>	_____
195.40.30	Hazardous Waste and Hazardous Materials	_____	_____	_____
195.40.35	Transfer of Property to Clearance Status	_____	_____	_____
270.25.03	Secure Lease for Resident Engineer's Office Space or Trailer	<u>1</u>	<u>400</u>	_____
	Subtotal		<u>700</u>	_____
	<u>EXCESS LAND</u>	<u>NOT APPLICABLE X</u>		
195.45.05	Excess Land Inventory	_____	_____	_____
195.45.10	Excess Land Appraisal and Public Sale Estimate	_____	_____	_____
195.45.15	Excess Land Inventory ("Roberti Bill")	_____	_____	_____
195.45.20	Excess Land Sales to \$15,000	_____	_____	_____
195.45.25	Excess Land Sales from \$15,001 to \$500,000	_____	_____	_____
195.45.30	Excess Land Sales over \$500,000	_____	_____	_____
195.45.35	CTC and AAC Coordination	_____	_____	_____
	Subtotal		_____	_____
	TOTAL HOURS (ONLY)		_____	_____


 JACKIE WILLIAMS
 Property Management
 Excess Land

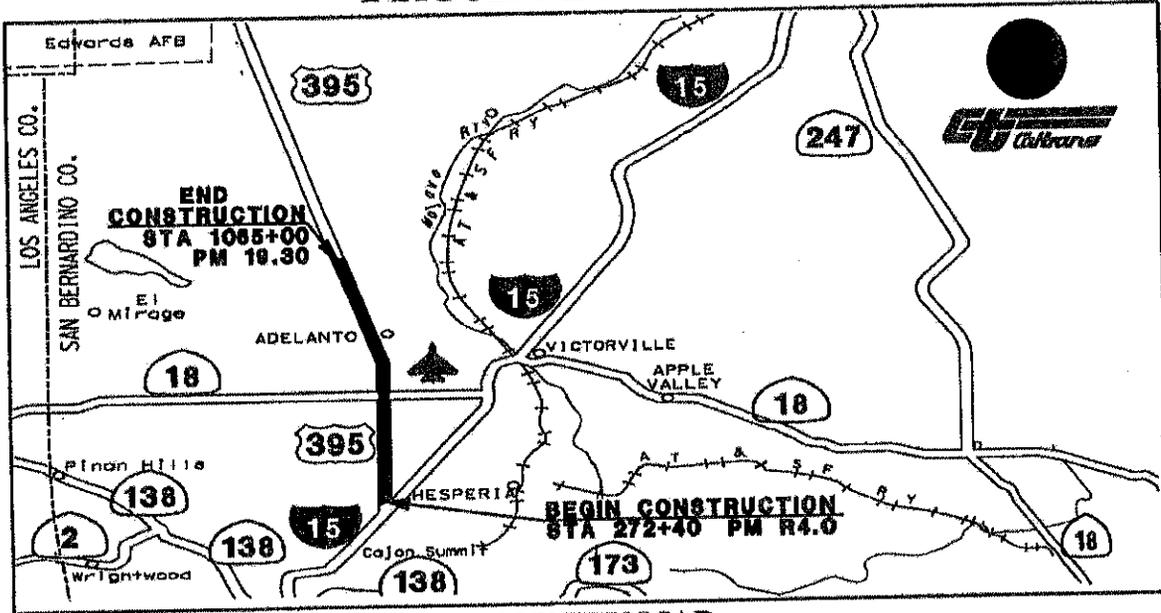
Date: 10-8-14

Right of Way Workplan Breakdown:		EA: OF631		Condemnation Estimate for SANBAG purposes	Date of Data Sheet: 10/03/2014 (Update/Revised)			
Utility Portion of OS Total \$0		RAW Data Sheet Total \$0		Hours Needed	Hours If	OVERSIGHT HOURS		% of original total
PROJECT MANAGEMENT - PID COMPONENT	0.100.05	0	2%			100.05	0	100%
PROJECT MANAGEMENT - PA & ED	0.100.10	0	2%			100.10	0	100%
PROJECT MANAGEMENT - PS&E	0.100.15	12	2%			100.15	12	100%
PROJECT MANAGEMENT - CONSTRUCTION	0.100.20	12	2%			100.20	12	100%
PROJECT MANAGEMENT - RIGHT OF WAY	0.100.25	414	92%	438		100.25	414	100%
INITIAL ALTERNATIVES DEVELOPMENT	1.150.10	0	60%					
ALTERNATIVES ANALYSIS	1.150.15	0	30%					
APPROVED PID (PSR PSSR ETC)	1.150.25	0	10%	0				
ENGINEERING STUDIES	2.160.10	0	40%			160.10	0	5%
DRAFT PROJECT REPORT	2.160.15	0	40%			160.15	0	5%
ENVIRONMENTAL STUDY REQUEST (ESR)	2.160.30	0	20%	0		160.30	0	5%
GENERAL ENVIRONMENTAL STUDIES	2.165.10	0	80%			165.10	0	5%
DRAFT ENVIRONMENTAL DOCUMENT	2.165.25	0	60%	0		165.25	0	5%
RAILROAD AGREEMENTS	2.170.15	0	100%			170.15	0	5%
PUBLIC HEARING	2.175.10	0	100%			175.10	0	5%
FINAL PROJECT REPORT	2.180.05	0	50%			180.05	0	5%
FINAL ENVIRONMENTAL DOCUMENT	2.180.10	0	50%	0		180.10	0	5%
UPDATED PROJECT INFORMATION	3.185.05	0	45%			185.05	0	5%
ENGINEERING REPORTS	3.185.20	0	10%			185.20	0	5%
RIGHT OF WAY REQUIREMENTS MAPS	3.185.25	0	45%	0		185.25	0	5%
PROPERTY MANAGEMENT	4.195.40	0	100%					
EXCESS LAND	4.195.45	0	100%					
APPROVED UTILITY RELOCATION PLAN	4.200.15	0	15%			200.15	0	5%
UTILITY RELOCATION PACKAGE	4.200.20	0	50%			200.20	0	5%
UTILITY RELOCATION MANAGEMENT	4.200.25	0	25%			200.25	0	5%
UTILITY CLOSE OUT	4.200.30	0	10%	0		200.30	0	5%
RAILROAD AGREEMENTS	3.205.15	0	100%			205.15	0	5%
PARCEL AND PROJECT DOCUMENTATION	4.225.50	0	5%			225.50	0	100%
RIGHT OF WAY APPRAISALS	4.225.60	0	p8	95%				
RIGHT OF WAY ACQUISITION	4.225.65	0	p15, p30					
RIGHT OF WAY RELOCATION ASSISTANCE	4.225.70	0	p21, p37					
RIGHT OF WAY CLEARANCE	4.225.75	0	p24					
RIGHT OF WAY CONDEMNATION	4.225.80	2138	p27	2138				
DRAFT SPECIFICATIONS	3.230.35	0	50%			230.35	0	5%
UPDATED PROJECT INFORMATION FOR PS&E PACKAGE	3.230.60	0	50%	0		230.60	0	5%
ENVIRONMENTAL MITIGATION	3.235.05	0	50%			235.05	0	5%
DETAILED SITE INVESTIGATION FOR HAZARDOUS WASTE	3.235.10	0	50%	0		235.10	0	5%
PARCEL AND PROJECT DOCUMENTATION	4.245.50	0	5%			245.50	0	100%
RIGHT OF WAY APPRAISALS	4.245.60	150	s8	95%				
RIGHT OF WAY ACQUISITION	4.245.65	150	s15					
RIGHT OF WAY RELOCATION ASSISTANCE	4.245.70	0	s21					
RIGHT OF WAY CLEARANCE	4.245.75	0	s24					
RIGHT OF WAY CONDEMNATION	4.245.80	6250	s27, s30	6250				
CIRCULATED & REVIEWED DRAFT DISTRICT PS&E PACKAGE	3.255.05	11	10%			255.05	1	5%
UPDATED PS&E PACKAGE	3.255.10	17	15%			255.10	1	5%
RIGHT OF WAY CERTIFICATION DOCUMENT	3.255.65	56	50%			255.65	3	5%
UPGRADED/UPDATED RIGHT OF WAY CERTIFICATION DOCUMENT	3.255.75	28	25%	113		255.75	1	5%
CONSTRUCTION ENGINEERING WORK	5.270.20	0	100%			270.20	0	5%
FUNCTIONAL SUPPORT	5.285.10	0	100%			285.10	0	5%
TECHNICAL SUPPORT	5.290.35	0	100%			290.35	0	5%
RW Support Costs	Total Hours	11238		PY 6.36		444	0.25	

Attachment E
Project Report Signed Cover Sheet
(EA 0F6300)

08-SBd-395, PM R4.0/19.3
08-236-0F6300
HE-13(STIP)
20.20.025.700

PROJECT REPORT



VICINITY MAP

In San Bernardino County, On United States Route 395
From 0.16 mi North Of Interstate Route 15 Junction
To 1.80 mi South Of Desert Flower Road

I have reviewed the right of way information contained in this Project Report and the R/W Data Sheet attached hereto, and find the data to be complete, current, and accurate:

**BASEM MUALLEM - ACTING DEPUTY DISTRICT DIRECTOR
RIGHT OF WAY**

APPROVAL
RECOMMENDED:

For **DAVID BRICKER - DEPUTY DISTRICT DIRECTOR
ENVIRONMENTAL PLANNING**

JIM ROBINSON - PROJECT MANAGER

GAM **CHRISTY CONNORS - DEPUTY DISTRICT DIRECTOR DESIGN**

APPROVED:

RAYMOND W. WOLFE, PHD - DISTRICT DIRECTOR

12/31/09

Date