

PROJECT CHANGE REQUEST

PROJECT ID. 11-1200-0106

DISTRICT/EA 11-41060 PPNO 1060 PGM Doc. SHOPP PGM Del FY 14/15 PROG CODE 20.XX.201.378

Cty Rte PM Description

PROJECT (SCOPE) DESCRIPTION: SD 5 Var In San Diego County, on Routes 5, 54, 75, and 78, and in Imperial County on Route 115, at various locations. Install and upgrade curb ramps.

DOES THIS PROJECT INVOLVE PROPOSITION 1B FUND(S)? NO YES , TYPE(S) (CMIA, Route 99, STIP, SHOPP, etc.) _____

SCOPE, COST & SCHEDULE CHANGES

TYPE OF REQUEST: PGM COST PGM YEAR SCOPE SPLIT / COMBINE OTHER: _____

COMPONENT Change (\$'s in 1,000's)

	EXISTING (PROGRAMMED)		PROPOSED		COST EXPENDED to Date % COMPLETE			COST CHANGE			
	Value	FY	Value	FY	Expended	% Expended	% Complete	Value	Value%	Yrs	Type
PA&ED	\$252	14/15	\$343	14/15	\$343	136.1%	100%	\$91	36.1%	0	C
PS&E	\$1,212	14/15	\$2,031	14/15	\$1,591	131.3%	82%	\$819	67.6%	0	C
R/W SUP	\$94	14/15	\$94	14/15	\$77	81.9%	75%	\$0	0.0%	0	N/A
CON SUP	\$618	14/15	\$747	14/15	\$0	0.0%	0%	\$129	20.9%	0	A
R/W CAP	\$323	14/15	\$323	14/15	\$0	0.0%	50%	\$0	0.0%	0	N/A
CON CAP	\$1,979	14/15	\$1,979	14/15	\$0	0.0%	0%	\$0	0.0%	0	N/A

Total \$4,478 \$5,517 \$2,011 \$1,039 23.2%

WHAT PHASE IS THE PROJECT IN? PRE-PGM DELIVERY YR PGM DELIVERY YR & PRE VOTE POST VOTE

Cost Change Type	Description	Programmed Budget	Data Systems Changed
Cost Change Request Types			
A	Programming Cost Change	CTIPS	AMS Advantage
B	Headquarters Cost Approval		AMS Advantage
C	District Cost Documentation		
NA	No Change Proposed		
Supplemental Funds Requests			
SFR	Supplemental Funds Request		AMS Advantage If Expenditures < 100%

Cty - Rte - PM - Description

New Project Description: _____
(Only If Revised)

"010" Safety Project? Yes No

Project Performance	EXISTING (PROGRAMMED)		PROPOSED		PERFORMANCE CHANGE	
	Value	Units	Value	Units	Value	Units
	70	Components	66	Components	4	Components
					6.00%	

(SHOPP PRIMARY PERFORMANCE OUTPUT BY PROGRAM CODE)

1.) WHAT IS THE PROPOSED CHANGE?

Program Cost

The proposed change is an increase to Construction Support. PA&ED Support and PS&E Support expenditures have exceeded programming, making these phases ineligible to receive increased funding.

Scope

The proposed change is a scope reduction.

2.) COMPLETE THE FOLLOWING REGARDING THE LATEST TWO COST ESTIMATES. (\$'s in 1,000's.)

1. ESTIMATE DATE: 11/14 Con Capital \$1,979. RW Capital \$323.
2. ESTIMATE DATE: 03/13 Con Capital \$1,979. RW Capital \$323.

3.) WHAT WAS THE REASON FOR THE CHANGE?

PA&ED Overrun – During the PA&ED Phase, various functional groups were invited to participate in Project Development Team (PDT) meetings in an effort to improve communication, reduce risks during the Design and Construction Phases, and reduce the need for re-designs. The PDT discussed various types of ADA curb ramps and the extent of sidewalk removal and reconstruction required to produce adequate ADA design. In some cases, Surveys needed to survey some locations during the PA&ED Phase to determine the limits of Construction and possible types of curb ramps. The original resources were not adequate for the complexity of this project and did not fully cover the resources needed by the other functional groups.

PS&E Overrun – During the PS&E phase, design efforts have increased due to the complexity of this project, which requires close coordination with other functional groups, such as R/W Electrical, Traffic Signing and Striping, Traffic Operations, Traffic Management Center, Surveys, Structure Design, Utility Engineering, Hydraulics, and Project Management. Other factors that have contributed to increased costs include compliance with DIB 82.5 and the new HQ-issued ADA drafting standards, upgrading staff skills for designing in Civil-3D, and learning and implementing new strategies to design ADA curb ramps.

Construction Support Increase – Due to the complexity of this project, it is anticipated that Construction Support costs will exceed the programmed amount. This project has numerous locations throughout San Diego and Imperial counties. Each location will need to be surveyed prior to construction and will require full-time inspection. In addition to upgrading curb ramps, this project will also upgrade impacted electrical and drainage facilities and will require close coordination with other functional groups such as Design, R/W, Traffic Signing and Striping, Traffic Operations, Traffic Management Center, Surveys, Structure, Utility Engineering, Hydraulics, and Project Management. Furthermore, this project will require night and weekend work in order to accommodate impacted business and residents.

Scope – The following locations have been removed from this project:

Project Report Location # and Description	Reason	Planned Action
<i>NEW LOCATIONS REMOVED FROM THE PROJECT</i>		
#2 : Coronado Ave - SD 5 SW Corner and NB Rte 5 on ramp	Eliminating "Free Right" area; therefore, the ramp will be constructed under EA 24400.	Deleted from the list.
#3 : Coronado Ave - SD 5 SE Corner and NB Rte 5 on ramp	Eliminating "Free Right" area; therefore, the ramp will be constructed under EA 24400.	Deleted from the list.
#6 : National Ave - SD 5 SE Corner and S 27th Street	Will be designed under EA 40580	Deleted from the list.
#22 : W Grape Street - SD 5 NW Corner and Albatross Street	Will be designed and constructed by the City of San Diego	Deleted from the list.

4.) WHEN WAS THE CHANGE DISCOVERED?

The change was discovered on July 29, 2014, during a financial evaluation meeting with Project Management Control Unit staff.

5.) WHAT HAS BEEN DONE TO MINIMIZE ANY CHANGE?

Some measures have been implemented to minimize the cost. For example, the Design team decided to minimize the electrical design and use existing facilities whenever possible. Furthermore, enhancing the skill level of staff through continuous feedback, mentoring, and training, as well as sharing successes with others, has resulted in more efficient project delivery.

6.) WHAT CAN BE CONSTRUCTED WITH THE PROGRAMMED FUNDS?

The entire project can be constructed with the programmed funds; however, additional capital outlay support is needed for the Construction Support component.

7.) IF THE SCOPE IS REDUCED OR SPLIT, WOULD THE REMOVED WORK NEED TO BE REPROGRAMMED OR ADDED TO ANOTHER PROJECT?

The scope will be reduced. Refer to the table in Question 3 of this PCR for an itemized explanation of the status of the removed work.

8.) IS A SUPPLEMENTAL SCOPING DOCUMENT NEEDED? IF YES, STATUS?

A Supplemental Scoping Document is not needed.

9.) WAS A VALUE ANALYSIS STUDY CONDUCTED? EXPLAIN THE RESULTS OF THE STUDY OR WHY A STUDY WAS NOT CONDUCTED?

A Value Analysis Study was not conducted because, per the statewide policy, the total project cost is less than \$50 million.

10.) COST - WHERE WILL THE REQUIRED FUNDS COME FROM?

If this PCR is approved, it is anticipated that the required funds will come from the SHOPP.

11.) PRIOR PCRs – LIST OTHER PCRs PREVIOUSLY APPROVED.

Approved 01/07/14:

Scope – Reduced by removing Project Report Locations (#5, #9, #10, #12, #19, #30, #31, #32, #25, and #26) from the project.

Project Description – Revised.

Program Cost – Increased funding for the PS&E Support component from \$1,112,000 to \$1,212,000 and Construction Support component from \$540,000 to \$618,000.

PROJECT CONCURRENCE

12.) (A) (STIP-RIP) WHEN DID THE DISTRICT DISCUSS THIS WITH HEADQUARTERS STIP PROGRAM MANAGER AND THE RTPA OR COUNTY TRANSPORTATION COMMISSIONS STAFF? EXPLAIN THEIR REACTION.

Not Applicable

(B) (STIP-IIP) WHEN DID THE DISTRICT DISCUSS THIS WITH HEADQUARTERS STIP PROGRAM MANAGER? EXPLAIN THEIR REACTION.

Not Applicable

(C) (SHOPP) WHEN DID THE DISTRICT DISCUSS THIS WITH THE HEADQUARTERS PROGRAM MANAGER? EXPLAIN THEIR REACTION.

This PCR was discussed with the HQ ADA Infrastructure Assistant Program Manager, Marcella Wiebke, on November 21, 2014. The Program Manager does not condone exceeding the budget without prior approvals. In the future, PCRs should be submitted before the budget is exceeded.

13.) LESSONS LEARNED, NEW STRATEGIES (What new information pertaining to this project could be beneficial to others?)

It would be beneficial if the HQ CADD Support Unit would create subassemblies or templates to help in the design of ADA curb ramps and sidewalks. Improved coordination is needed with the various functional groups working on the project.

14.) District Project Manager Signature

Abu-Bakr Al-Jafri
ABU-BAKR AL-JAFRI
 District Project Manager

1/2/2015
 Date

619) 491-3077
 Phone Number

Ross T. Cather
ROSS T. CATHER
 Deputy District Director
 Program/Project Management

1/5/15
 Date

APPROVAL - COMMENTS - CONCERNS

PD Concurrence

PD Objections (detail concerns):

15.) Comments - Concerns:

Luis Betancourt
LUIS BETANCOURT
 HQ Project Delivery Coordinator

1/2/15
 Date

APPROVAL

Laurie Berman
LAURIE BERMAN
 DISTRICT DIRECTOR

1/6/15
 Date

	Approve	Deny	No HQ Action
Cost	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Scope	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Schedule	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Split / Combine	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Revise & Resubmit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

James E. Davis for
JAMES E. DAVIS
 HQ DIVISION CHIEF
 PROJECT MANAGEMENT

1/20/15
 Date

Rachel Falsetti
RACHEL FALSETTI
 HQ DIVISION CHIEF
 TRANSPORTATION PROGRAMMING

1/22/15
 Date

REQUIRED ATTACHMENTS

- (a) Attach 1 page copy (screenprint) of project workplan/status schedule.
- (b) Attach the current CTIPS project information.
- (c) PCR Data Worksheet, if applicable (for splits/combines).
- (d) For STIP Projects, please attach the latest Project Programming Request (PPR)
- (e) Summary Cost Estimates, if/when needed.

PROJECT ID. 11-1200-0106
 DISTRICT/EA 11-41060

41060

11-12-20-0106

100%

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Main Report

CO-RT: VAR-005

PM: R1-20.00

EA: 41060

EFIS ID: 112000106

REPORT SECTION: Main

Project Nickname: ADA MISSION AVE

Project Manager: AL-JAFRI, ABU-SAKR H

PM Assistant DYE, ELAINE L

Work Description - Long: IN SAN DIEGO AND IMPERIAL COUNTIES AT VARIOUS LOCATIONS

Work Description - Long: INSTALL AND UPGRADE CURB RAMPS AND SIDEWALKS TO CURRENT ADA STANDARDS

Subprogram: Pedestrian Infrastructure

Fund Source (SAM): 20.XX.201.378(\$4.479)

PPNO: 1060

Open for Time: Yes

CT Status: APL

PROGRAM YR: 2015

Working Days:

AADD: Yes

Open Phases: 1, 2, 3

PDT MEMBERS

R/W PARCELS: 18

Env Doc:

Permit:

Req Dte

Rev'd Date

Phase	BACS	PROCS	EXP \$	ETC \$	EAC \$	EAC to 100%	S/C%
0	251	252	342	0	342	135.8%	15.9%
1	1,106	1,213	1,597	429	2,026	167.0%	94.1%
2	34	94	78	16	94	98.6%	4.3%
3	523	618	0	747	747	120.8%	34.7%
Total:	1,914	2,177	2,017	1,191	3,208	147.4%	149.0%
						0.0%	
						0.0%	
						0.0%	
Total:	1,914	4,473	2,017	1,191	3,208	71.6%	

Capital Cost Estimates	Amount	\$k
Roadway	1,979	0
Structures	1,979	0
Const Total	1,979	0
ROW	174	0
Total	2,153	

MS ID	MS Description	MS Date	WBS ID	TM	WBS DESCRIPTION	START	FINISH	COMP	OTE	%	SAC HRS	ETC HRS	EXP HRS	EAC HRS	ETC \$
M000	ID NEED	01/19/12(A)	K.100.05	A.AL-JAFRI	PROJ MGMT PID CMPNT	1/19/12	4/27/12	100(C)	N	0	130	0	71	71	0
M010	APPROVE PID	04/27/12(A)	K.150.05.15	G.GUTIERREZ/JTL	SFRCH	2/6/12	2/24/12	100(C)	N	0	130	0	1	1	0
M015	PROG PROJ	07/26/12(A)	K.150.05.20	A.AL-JAFRI	ENV CNSTRSTS ID	2/6/12	2/24/12	100(C)	N	0	484	0	30	30	0
M020	BEGIN ENVRO	07/26/12(A)	K.150.15.05	A.VARGAS	R/W DATA SHEETS	2/6/12	2/24/12	100(C)	N	0	69	0	3	3	0
M200	PA & ED	05/19/13(A)	K.150.15.15	G.GUTIERREZ/R INV/L	DTRMTN	2/6/12	2/24/12	100(C)	N	0	20	0	29	29	0
M210	BEGIN DESIGN	04/22/13(A)	K.150.20.25	K.SMITH	INIT BIO STUDY	2/27/12	3/20/12	100(C)	N	0	10	0	5	5	0
K299	DIST LOG-IN APRV	12/31/14(T)	K.P.	A.AL-JAFRI	PID BUCKET	1/19/12	4/27/12	100(C)	N	0	843	0	574	574	0
M300	CIRC PLANS IN DIST	01/15/15(T)	K Phase Total								109	0	713	713	0
M380	PROJ PS&E	01/30/15(T)	0.100.10	A.AL-JAFRI	PROJ MGMT PS&E CMPNT	2/6/12	5/17/13	100(C)	N	0	213	0	12	12	0
M460	R/W CERT	02/13/15(T)	0.150.10.45	G.GUTIERREZ/JTL	LOCNS DTRMND FOR PREL	2/6/12	4/27/13	100(C)	N	0	1,113	0	52	52	0
M470	FUND ALLOCATION	05/14/15(T)	0.160.15	A.AL-JAFRI	DRAFT PR	7/28/12	4/27/13	100(C)	N	0	1,141	0	41	41	0
K471	ELEC TRANS TO HQ	05/29/15(T)	0.180.20	M.PHELAN	ENGRG & LAND NET SRVY	5/28/12	4/22/13	100(C)	N	0	202	0	811	811	0
M480	HQ ADVERT	05/19/15(T)	0.180	A.AL-JAFRI	PREP & APV PR & FED	7/28/12	4/14/13	100(C)	N	0	0	0	2,309	2,309	0
M490	BIDS OPEN	07/17/15(T)	D.E	A.AL-JAFRI	ENV BUCKET	7/1/12	5/19/13	100(C)	N	0	2,778	0	3,235	3,235	0
M495	AWARD	08/14/15(T)	D Phase Total								64	37	354	354	3,627
M500	APPROVE CONTRACT	08/14/15(T)	1.100.15	A.AL-JAFRI	PROJ MGMT PS&E CMPNT	9/15/13	1/9/15	1(S)	Y	0	1,783	0	297	297	0
M600	CONTRACT ACCEPT	02/09/16(T)	1.155.05	A.AL-JAFRI	UPDD PROJ INFO	4/29/13	2/9/14	100(C)	N	0	1,083	0	886	886	0
M700	FINAL REPORT	06/01/16(T)	1.185.10	M.PHELAN	SRVYS & PHTGR MPG FOR	8/25/13	8/29/14	100(C)	N	0	0	0	3	3	0
M800	END PROJ	08/01/16(T)	1.185.15	A.AL-JAFRI	PREL DSN	8/25/13	8/25/13	100(C)	N	0	225	0	36	36	0
			1.185.20.40	G.GUTIERREZ/JTL	LOCNS DTRMND FOR	4/8/13	12/1/13	100(C)	N	0	195	0	335	335	0
			1.185.25.30	A.AL-JAFRI	UTIL CONFLICT MAPS	7/29/13	8/14/14	100(C)	N	0	2,373	0	4,390	4,390	0
			1.230.05	A.AL-JAFRI	DRAFT RDWY PLANS	7/29/13	8/14/14	100(C)	N	0	158	0	228	228	0
			1.230.15.05	C.ABOU-FADEN/S	CABOU-FADEN/S & RVMT DELN PLANS	7/29/13	8/10/14	100(C)	N	0	900	0	678	678	0
			1.230.15.10	C.ABOU-FADEN/S	TRAF ELRCL PLANS	4/22/13	11/17/14	100(C)	N	0	1,856	0	1,565	1,565	0
			1.230.15.15	B.PECCU	TRAF ELRCL PLANS	4/22/13	11/17/14	100(C)	N	0	56	0	5	5	0
			1.230.20	F.KHADEM	TMP	4/22/13	5/5/13	100(C)	N	0	108	80	264	344	9,638
			1.230.25	A.AL-JAFRI	DRAFT UTIL PLANS	12/15/13	12/18/14	95(S)	Y	0	148	0	17	17	0
			1.230.40	A.AL-JAFRI	DRAFT PS&E Q&E	4/21/13	12/18/14	85(S)	Y	0	96	380	3,012	3,392	42,205
			1.230.60	A.AL-JAFRI	UPDD PROJ INFO FOR PS&E	4/21/13	12/18/14	85(S)	Y	0	370	689	267	955	79,136
			1.255.05	A.AL-JAFRI	CIRCD & RVWD DRAFT DIST	12/17/14	1/15/16	0(N)	N	0	1,081	1,265	0	1,265	143,537
			1.255.10	A.AL-JAFRI	UPDD PS&E PCKG	12/17/14	1/15/16	0(N)	N	0					

State Highway Operation and Protection Program

San Diego County

Document Year 2014, Version Number 3

PPNO: 1080

(Dollars in Thousands)

DIST: 11	PPNO: 1080	EA: 41060	CTIPS ID: 110-0000-0656	TCRP No.	TITLE (DESCRIPTION): (In San Diego County, on Routes 5, 54, 75, and 78 and in Imperial County on Route 115, at various locations. Install and upgrade curb ramps.)	ELEMENT: SHOPP Major Const.	MPO ID: 10
CT PROJECT ID: 11-1200-0106						SPONSOR: Calltrans	
COUNTY: San Diego County						MPO: San Diego Association of Governments	
ROUTE: 5						CORRIDOR:	
PM:						PRJ MGR: Abu-Bakr Al-Jefri	
						PHONE: (619) 491-3077	
						LAW: 12	
						EMAIL: abu-bakr_h_al-jefri@dot.ca.gov	

ASSEMBLY: 79	IMPLEMENTING	PAED	RW
SENATE: 40	AGENCIES:	PSE	CON
CONGRESS: 50			

PROJECT VERSION HISTORY (Printed Version is Shaded) (Last 9 versions displayed)

Version	Status	Date	Updated By	Change Reason	Amend No.	Vote	Cum Award	Programmed Dollars in Thousands - Total For Project					
								Prog Con	Prog RW	PA & ED	PS & E	RW Sup	Con Sup
3	Official	03/26/14	DBERRY	Approved - Carry Over				1,979	323	252	1,212	94	618
2	Official	01/08/14	LSTOCKTO	Amendment - Cost/Scope/Sch. Change	12H-390			1,979	323	262	1,212	94	618
1	Official	06/07/12	LSTOCKTO	Amendment - New Project	12H-033			1,979	323	252	1,112	94	540

Fund Source 1 of 1 SHOPP - Mandates
20.XX.201.378 - ADA - Pedestrian Infrastructure

Fund Type:
National Hwy System

VOTE DATE	AMOUNT	PRIOR	14/15	15/16	16/17	17/18	18/19	19/20	FUTURE	TOTAL
				PA&ED	252					
		PS&E	1,212							1,212
		R/W SUP	94							94
		CON SUP	618							618
		R/W	323							323
		CON	1,979							1,979
		Total:	4,478							4,478

HQ Comments:

***** Version 3 - 03/26/2014 *****

Carryover project from 2012 to 2014 SHOPP

1/8/14 Made amend official. Changed Location/Description and support. - LS

***** Version 2 - 01/08/2014 *****

Entered amendment #12H-390 - RW

6/12/12 Made amend official. New project. - LS

***** Version 1 - 06/12/2012 *****

Entered new 2012 SHOPP project - RW