

Memorandum

*Serious drought.
Help save water!*

To: RICK GUEVEL
Chief, Office of SHOPP

Date: November 21, 2014

File: 06-TUL-198
PM R11.7/R19.8
ID#0614000114
06-0S340
201.122 (HA-22)

From: SAMER SHAATH 
Deputy District Director
Program/Project Management

Subject: Addendum to Project Initiation Document (PID)

The project is located on State Route 198 in Tulare County, in Visalia from Lovers Lane Undercrossing (PM R11.7) to 0.062 miles west of Junction SR 198/245. Per the 2R Certification dated 5/15/2014 this project is classified as a 2R project. This project proposes to rehabilitate the existing flexible Hot Mix Asphalt (HMA) pavement by digging-out localized failed areas and replacing with HMA, Type A, then pave the entire width of pavement based on deflection study recommendations with a thin sacrificial layer of Rubberized Hot Mix Asphalt, Type G. The on and off ramps will be overlaid and the existing curb ramps within will be reconstructed to current Americans with Disabilities Act (ADA) standards. Per safety screen, the eastbound outside shoulder will be widened to RRR standards from PM R15.08 to PM R18.55. The shoulders will also include rumble strips and shoulder backing in both directions for the entire project length.

This memorandum serves as an addendum to the approved Small Capital Value Project (SCVP) PID for the above referenced project, originally signed on July 1, 2014.

The purpose of this addendum is to update the cost estimate and schedule. There is no change in scope. The reason the schedule has changed is due to workload allocation.

Capital and Support Cost Summary:

The original SCVP was approved in July 2014 in anticipation of early amendment to the SHOPP with a crash schedule for delivery in 2015/16. The project's schedule and costs have been updated for delivery and funding in 2016/17. The following tables show the revised escalated costs for support and capital and the proposed schedule.

Capital and Support Cost Summary

Project Cost Component	Fiscal Years				Total
	15/16	16/17	17/18		
R/W Capital		\$10			\$ 10
Constr Capital		\$13,700			\$ 13,700
PA&ED	\$335				\$ 285
PS&E		\$636			\$ 636
R/W Support		\$48			\$ 48
Constr Support		\$760			\$ 760
Total	\$ 335	\$15,154			\$ 15,489

Note: All costs X\$1,000. Construction Capital escalated at 3.0%. Right of Way Capital estimate escalated. Support cost escalated at 3.1%. Support Cost ratio:13.1%

Project Schedule:

The project will be amended into the 2014 SHOPP.

<u>MILESTONE</u>	<u>MONTH/YEAR</u>
M040 Begin Project	07/2015
M120 Circulate DED	03/2016
M200 PA&ED	07/2016
M377 PS&E to DOE	11/2016
M410 RW Certification	12/2016
M460 RTL	03/2017
M480 HQ ADV	06/2017
M500 Approve Contract	10/2017
M600 Contract Acceptance	12/2018
M800 End Project	07/2020



SHOPP Project Contingency Programming Request Form SHOPPCPR: Ver 3 11/14

Division of Transportation Programming
State Highway Operation and Protection Program (SHOPP)

Submission Date **11/21/2014**

Project Manager **Curt Hatton**

Email / Phone **curt.hatton@dot.ca.gov** **559-243-3445**

Dist	County	Route	Prefix	PM	Prefix	PM	EA	PPNO	Project ID
06	Tulare	198	R	11.7	R	19.8	0S340	3034	06-1400-0114

Performance Measure

Program Code	Num	Unit Type
201.122	32.4	Lane Mile(s)

Project in PID Work Plan Y/N	PID Approval Date *	K-Phase Expenditures (\$1,000)
Yes	07/01/2014	\$127

Must be mm/dd/yyyy

Task and Milestones MUST be entered on Page 2 under Attachment

MPO: **TCAG**

Project Location/Description (Include the nearest city, town or landmark)

In Tulare County on State Route 198, in Visalia from Lovers Lane Undercrossing (PM R11.7) to 0.062 miles west of Junction SR 198/245.

Significant delivery risks and anticipated date of resolution.

A SCVP PID was completed for this project which pushed R/W and Utility studies into the PAED phase. The existing curb ramps on the project will be brought up to ADA standards, this could cause utility conflicts and R/W needs for the project, which could affect schedule. A NES/BA and BO from USFWS is anticipated on this project for mitigation with Swainson Hawk. The risks should be resolved by end of PAED and PSE phase.

Need for project and proposed improvements (Elaborate using PID language)

The need for this project arises because the condition of the pavement within the project limits is under distress and has severely deteriorated due to surface pavement failure. This has resulted in increased cost of maintaining the existing pavement and the inability of state forces to continually maintain this section of freeway. It is proposed to rehabilitate the existing flexible Hot Mix Asphalt (HMA) pavement by digging-out localized failed areas and replacing with HMA, Type A, then pave the entire width of pavement based on deflection study recommendations. The pavement would be topped with a thin sacrificial layer of Rubberized Hot Mix Asphalt, Type G. The on and off ramps will be overlaid and

Proposed Total Project cost (\$1,000)

Component	14/15	15/16	16/17	Total
PA&ED		335		\$335
PS&E			636	\$636
RW			48	\$48
Con			760	\$760
RW Cap			10	\$10
Con Cap			13,700	\$13,700
Total		\$335	\$15,154	\$15,489

Approved Denied * Risk Management Plan must be attached.

CAPITAL CONSTRUCTION COST ESCALATION RATE **3%**

Project Manager (Print) Curt Hatton	Project Manager (Sign)	Phone 559-243-3445
District SFP (Print) Samer Shaath	District SFP (Sign)	Phone 559-243-3421
SHOPP Exec. (Print)	SHOPP Exec. (Sign)	Phone

* Email a Scanned copy of the signed Contingency Request form, Risk Mgmt Plan and approved PID to: SHOPP_Amendment_Requests@dot.ca.gov

SHOPP Contingency Project Request Form Attachment

06 - Tulare - 198
EA: 05340 PPNO: 3034
EFIS: 06-1400-0114

Task and Milestones to be Tracked for SHOPP Contingency Projects

Task Name	Task Number	Start Date	Finish Date
Environmental Study Request	160.30	07/15/2015	08/15/2015
Base Maps and Plan Sheets for PA&ED Development	160.45	07/15/2015	08/15/2015
Draft Environmental Document	165.25	07/15/2015	03/15/2016
DED Circulation	175.05	03/15/2016	04/15/2016
Project Preferred Alternative	175.20	03/15/2016	05/15/2016
Final Environmental Document	180.10	04/15/2016	06/15/2016

Task Name	Milestone No.	Date
Begin Environmental	M020	07/15/2015
Notice of Preparation (EIR only)	M030	
Notice of Intent (EIS only)	M035	
Circulate DPR and DED Internally in District	M060	01/15/2016
Circulate DPR and DED Externally	M120	03/15/2016
Approved FED	M160	06/15/2016
PA&ED	M160 M200	07/15/2016
PS&E <i>to DOE</i>	M380 M377	11/14/2016
R/W Cert	M410	12/16/2016
RTL	M460	03/20/2017
CCA	M600	12/15/2018
End Project	M700	07/15/2020

PROJECT RISK MANAGEMENT PLAN

Priority	Status	ID of Project Phase	Data Identified	Functional Assignment	Threat/Opportunity Event	Identification		Qualitative Analysis				Quantitative Analysis			Response Strategy			Monitoring and Control	
						SMART Criteria	Risk Trigger	Type	Probability	Impact	Risk Matrix	Probability	Impact	Effect	Strategy	Attached WBS	Responsibility	Status Interval or Milestone Check	Date Status and Review
1	Active	A	6/18/2014	Design	Deflection Study has not been completed.	Deflection study may include current FPD cost estimate. These conditions may include additional cost of payment in need of a more robust estimate. Special section.	Deflection study will reveal conditions not anticipated in the FPD.	Cost	Moderate	Moderate			Acceptance	Additional funds are to be Engineers estimate as contingency.	WBS 114: Prepare Base Maps and Plan Sheets	Design Manager	Check during PS&E		
2	Active	B	6/18/2014	RW	Additional RW may be required to construct ADA ramps.	ADA ramps are required as part of this project. It is not known at this time if additional RW will be required to construct them.	The risk will be triggered when Design makes the determination that additional RW is needed for ADA ramps.	Cost	Low	Moderate			Acceptance	The additional cost can be absorbed.	WBS 116: Prepare Base Maps and Plan Sheets	Design Manager	Check during PS&E		
3	Active	C	5/19/2014	RW	RW may be delayed from Design.	If additional RW is needed for ADA ramps, additional time may be required to prepare RW maps. Additional time to prepare RW maps may impact the project schedule.	This risk will be triggered when Design makes the determination that additional RW is needed for ADA ramps.	Schedule	Low	High			Avoidance	This is an accelerated project and if avoidance from this project and coordinated in another project.	WBS 116: Prepare Base Maps and Plan Sheets	Design Manager	Check during PS&E		
4	Active	D	5/19/2014	RW	Utility contact maps may be required.	Utility poles will likely need to be re-located. Utility owners are currently very busy and may delay response to requests for utility location and re-locations.	This risk will be triggered when the design is refined and it is determined that utilities are impacted.	Schedule	Low	Moderate			Mitigation	Design to determine utility impacts and mitigation and coordination maps to utility owners early.	WBS 115: Prepare Base Maps and Plan Sheets	Design Manager	Check during PS&E		
5	Active	E	5/21/2014	Design	Additional time for Review, or Stakeholder Review.	This project is an accelerated project and the FPD was developed in a very short period of time. Construction Review and Stakeholder Review will be done during the R&ED phase. Not having the issues related to cost and schedule.	The risk will be triggered if the reviews find unknown issues.	Cost	Moderate	Moderate			Mitigation	A FCR will be written to make changes to the project.	WBS 118: Perform Engineering Studies and Prepare Cost Project Report	Design Manager	Delivered during PA&E		
6	Active	F	6/9/2014	Env	Presence of Swamson's Hawks.	The presence of Swamson's Hawks would trigger this risk.	The presence of Swamson's Hawks would trigger this risk.	Schedule	Low	Moderate			Mitigation	The Speed Provisions would be used to mitigate for the risk.	WBS 206: Mitigate Environmental Impacts on Hazardous Waste	Env. Manager	Delivered during PA&E		