

Request Programming in 2012 SHOPP

PROJECT LOCATION: In Santa Clara County in Los Gatos at the Route 17 off- and on-ramps from 0.35 mile north of the Main Street OC (Bridge #37-117) to 0.50 mile south of the Mozart Avenue pedestrian OC (Bridge #57-535) (PM 6.9 to 9.1)

APPROVAL RECOMMENDED:



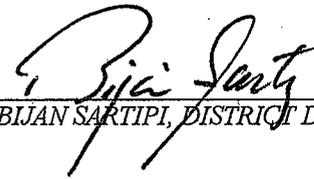
ROLAND AU-YEUNG - DISTRICT PROGRAM
ADVISOR

APPROVAL RECOMMENDED:

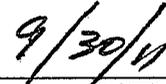


RAMSES SARGISS - PROJECT MANAGER

APPROVED:



BIJAN SARTIPI, DISTRICT DIRECTOR



DATE

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



ROBERT CAMARGO - REGISTERED CIVIL ENGINEER



DATE



Initiating Office/Initiator:

Roland Au-Yeung, Office of Traffic – District 4 (March 25, 2011)

The District Program Advisor for the SHOPP ADA Curb Ramp Program (201.361) has established that a project is needed that meets the qualification for the program.

This project initiation document provides conceptual approval of the proposal, and a recommendation to program the project into the current State Highway Operation and Protection Program. A project report will serve as final approval of the proposal.

Purpose and Need:

Purpose: This project is being initiated due to a recent court settlement by our Department, and will install and upgrade curb ramps and pedestrian push buttons that were not included in CAPM project 1E0904. The initial project included similar ADA work on SCL 85, but the project was split. The ADA work for Route 85 will be constructed under EA 2G730K - Robert Blanco is the responsible Senior Engineer.

Need: this project will bring 'pedestrian infrastructures' up to current pedestrian access/ADA standards by installing and upgrading curb ramps and pedestrian facilities.

Deficiency Summary:

Four ramps at the SCL Route 17/9 Junction and three ramps at the Lark Avenue OC have crosswalks that are not wheelchair accessible. In addition, all three ramps at the Lark Avenue OC are either lacking pedestrian push buttons, or have them placed in awkward-to-reach locations. A recent project, CAPM project 04-1E0904, failed to upgrade these curb ramps, or to install/relocate the accompanying pedestrian push buttons. In order to allow this earlier project to go forward, the Department agreed to bring the facilities into compliance under a separate project. 3G180K is that project. Also under this agreement, the Department is not to remove any of the curb ramps mentioned in this report from this project.

Project Proposal:

This project proposes to reconstruct existing curb ramps, to reposition existing pedestrian push buttons, and to add new pedestrian push buttons to the following areas:

Junction of Routes 17 and 9:

- SB 17 on-ramp from SB 9 connector: **reconstruct 2 curb ramps**
- SB 17 off-ramp to SB 9 connector: **reconstruct 2 curb ramps**

- NB 17 on-ramp from SB 9 connector: **reconstruct 2 curb ramps**
- NB 17 off-ramp to SB 9 connector: **reconstruct 2 curb ramps**

Lark Avenue Overcrossing:

- NB Route 17 off-ramp to Lark Avenue: **reconstruct 2 curb ramps, add 2 pedestrian push buttons**
- NB 17 on-ramp from Lark Avenue: **reconstruct 1 curb ramp, add 1 pedestrian push button, and possibly re-locate 2 pedestrian push buttons** (the pushbutton on the pork-chop is especially difficult to reach)
- SB 17 on-ramp from Lark Avenue / SB 17 off-ramp to Lark Avenue: **reconstruct 2 curb ramps, add 1 pedestrian push button**

Total Work:

- 13 Curb Ramps
- 200 Linear feet of sidewalk constructed and/or repaired
- 6 Pedestrian push buttons/signal modifications

R/W:

Right of way may have to be acquired to accommodate the new ADA compliant curb ramps and pedestrian push buttons (i.e. land behind the existing ramps may have to be purchased to construct ADA compliant curb ramps and to relocate signal standards). Additionally, it might be necessary to mitigate the project environmentally. The amount of \$200,000 was included in this estimate accordingly, and was generated by D4 Traffic Safety.

Disposal Site:

Waste disposal site will be determined during the PA&ED process.

Utilities:

Verification of utilities will be required, and will be done during the PA&ED process.

Environmental:

It might be necessary to mitigate the project environmentally (see R/W, above). However, since the project involves work within established transportation corridors, no significant environmental impacts are anticipated. This project is expected to require an Initial Study followed by a Categorical Exclusion (CE). This will be prepared during the PA&ED phase.

Programming

PROJECT CAPITAL COST		
Fiscal Year	Right of Way Capital	Construction Capital
FY 11/12	\$200,000	\$552,844
FY 12/13		\$574,958
FY 13/14		\$597,956
FY 14/15		\$621,874

Key assumptions for the cost estimate:

The unit prices used are based upon the most recent available bid results for the items.

	PROJECT SUPPORT COMPONENTS								Total
	PA&ED 0 Phase		Design 1 Phase		Right of Way 2 Phase		Construction 3 Phase		
	Dist	DES	Dist	DES	Dist	DES	Dist	DES	
Estimated PY's	0.3		1.1		0.4		0.6		2.4

Key assumptions for support cost estimate.

Support is at 60% of estimated construction cost.

Schedule:

HQ Milestones	Delivery Date
PA & ED	July 2013
Project PS&E	February 2014
Right of Way Certification	April 2014
Ready to List	May 2014
Approve Contract	August 2014
Contract Acceptance	August 2015
End Project	December 2015

Key assumptions for the schedule:

Program in the 14/15 fiscal year in the 2012 SHOPP.

Project Personnel:

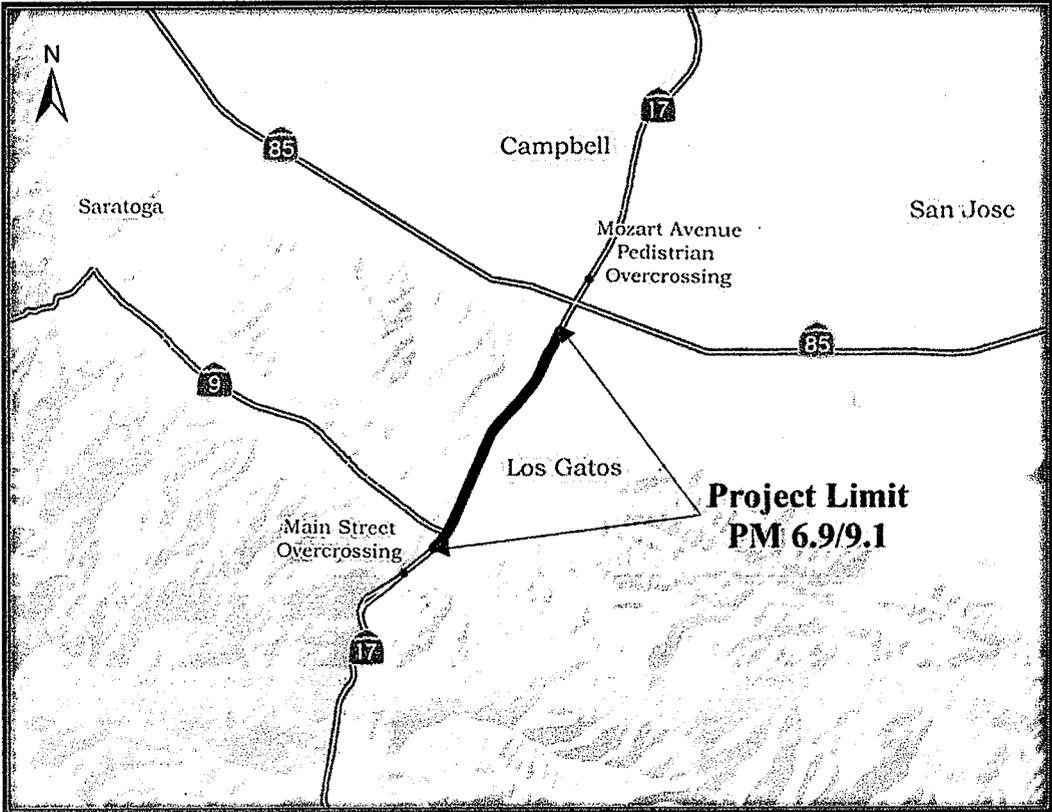
Program Advisor	Roland Au-Yeung	(510) 286-4560
Senior Traffic Engineer	Ramiel Gutierrez	(510) 286-5994
HQs Program Manager	Darold Heikens	(916) 654-3507
Project Engineer	Karin Seritis	(510) 286-4484
Project Manager	Ramses Sargiss	(510) 286-4500
Design Senior	Robert Camargo	(510) 286-4450

04 – SCL 17 – PM 6.9/9.1
Program Code 201.361
EA 3G180K
September 2011

Attachments:

Location Map
Preliminary Project Cost Estimate
Conceptual Approval

LOCATION MAP



In Santa Clara County in the City of Los Gatos at the Route 17 off- and on-ramp intersections along this freeway corridor, from 0.35 mile north of the Main Street overcrossing (Bridge #37-117) to 0.50 mile south of the Mozart Avenue pedestrian overcrossing (Bridge #37-535)

Project Initiation Document Cost Estimate

District-County-Route SCL 17

PM 6.9/9.1

EA 3G180K

Program Code 201.361

PROJECT DESCRIPTION:

Limits: IN SANTA CLARA COUNTY IN LOS GATOS AT THE ROUTE 17 OFF- AND ON-RAMPS FROM 0.35 MILE NORTH OF THE MAIN STREET OVERCROSSING (BRIDGE #37-117) TO 0.5 MILE SOUTH OF THE MOZART AVENUE PEDESTRIAN OVERCROSSING (BRIDGE #57-535) - (PM 6.9 TO 9.1)

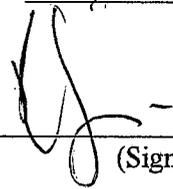
Proposed Improvement (Scope): INSTALL/UPGRADE CURB RAMPS AND PEDESTRIAN FACILITIES

Alternate: N/A

SUMMARY OF PROJECT COST ESTIMATE

TOTAL ROADWAY ITEMS	\$ <u>552,844</u>
TOTAL STRUCTURE ITEMS	\$ <u>0</u>
SUBTOTAL CONSTRUCTION COSTS	\$ <u>552,844</u>
TOTAL RIGHT OF WAY ITEMS	\$ <u>200,000</u>
TOTAL PROJECT CAPITAL OUTLAY COSTS	\$ <u>752,844</u>

Reviewed by District Program Manager 
(Signature)

Approved by Project Manager  Date 9/27/11
(Signature)

Phone No. (510) 286-4500

Page No. of

I. ROADWAY ITEMS

<u>Section 1 Earthwork</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Item Cost</u>	<u>Section Cost</u>
Roadway Excavation	<u>654</u>	<u>CY</u>	<u>\$ 54</u>	<u>\$ 35,316</u>	
Imported Borrow			<u>\$</u>	<u>\$</u>	
Clearing & Grubbing	<u>LumpSum</u>	<u>LS</u>	<u>\$ 9,500</u>	<u>\$ 9,500</u>	
Develop Water Supply			<u>\$</u>	<u>\$</u>	
Top Soil Reapplication			<u>\$</u>	<u>\$</u>	
Stepped Slopes and Slope Rounding (Contour Grading)			<u>\$</u>	<u>\$</u>	
			<u>\$</u>	<u>\$</u>	
			<u>Subtotal Earthwork</u>	<u>\$ 44,816</u>	

<u>Section 2 Pavement Structural Section*</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Item Cost</u>	<u>Section Cost</u>
Minor Concrete (Minor Structure)	<u>10</u>	<u>CY</u>	<u>\$ 1,800</u>	<u>\$ 18,000</u>	
Minor Concrete (Curb, Sidewalk, & Curb Ramp)	<u>111</u>	<u>CY</u>	<u>\$ 475</u>	<u>\$ 52,725</u>	
Miscellaneous Iron and Steel	<u>2,085</u>	<u>LB</u>	<u>\$ 2.50</u>	<u>\$ 5,213</u>	
Remove Concrete	<u>79</u>	<u>CY</u>	<u>\$ 235</u>	<u>\$ 18,565</u>	
Temporary Concrete Washout	<u>LumpSum</u>	<u>LS</u>	<u>\$ 2,750</u>	<u>\$ 2,750</u>	
Asphalt Concrete	<u>61</u>	<u>Tons</u>	<u>\$ 405</u>	<u>\$ 24,705</u>	
Tack Coat	<u>1.7</u>	<u>Tons</u>	<u>\$ 2,175</u>	<u>\$ 3,698</u>	
Cement-Treated Base			<u>\$</u>	<u>\$</u>	
Aggregate Base	<u>290</u>	<u>CY</u>	<u>\$ 86</u>	<u>\$ 24,940</u>	
Aggregate Sub base	<u>176</u>	<u>CY</u>	<u>\$ 105</u>	<u>\$ 18,480</u>	
			<u>\$</u>	<u>\$</u>	
			<u>Subtotal Pavement Structural Section</u>	<u>\$ 169,076</u>	

<u>Section 3 Drainage</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Item Cost</u>	<u>Section Cost</u>
Large Drainage Facilities			<u>\$</u>	<u>\$</u>	
Storm Drains			<u>\$</u>	<u>\$</u>	
Pumping Plants			<u>\$</u>	<u>\$</u>	
Project Drainage (X-Drains, overside, etc.)			<u>\$</u>	<u>\$</u>	
			<u>\$</u>	<u>\$</u>	
			<u>Subtotal Drainage</u>	<u>\$ 0</u>	

*Reference sketch showing typical pavement structural section elements of the roadway. Include (if available) T.I., R-Value and date when tests were performed.

NOTE: Extra lines are provided for items not listed; use additional lines as appropriate.

District-County-Route SCL 17

PM 6.9/9.1
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<u>Section 4: Specialty Items</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Item Cost</u>	<u>Section Cost</u>
Small Business Utilization Report	<u>3</u>	<u>EA</u>	<u>\$ 250</u>	<u>\$ 750</u>	
Construction Site Management	<u>LumpSum</u>	<u>LS</u>	<u>\$ 4,000</u>	<u>\$ 4,000</u>	
Barriers and Guardrails	<u>_____</u>	<u>_____</u>	<u>\$ _____</u>	<u>\$ _____</u>	
Equipment/Animal Passes	<u>_____</u>	<u>_____</u>	<u>\$ _____</u>	<u>\$ _____</u>	
Water Pollution Control	<u>LumpSum</u>	<u>LS</u>	<u>\$ 1,500</u>	<u>\$ 1,500</u>	
Hazardous Waste Investigation and/or Mitigation Work	<u>_____</u>	<u>_____</u>	<u>\$ _____</u>	<u>\$ _____</u>	
Environmental Compliance	<u>LumpSum</u>	<u>LS</u>	<u>\$ 4,500</u>	<u>\$ 4,500</u>	
Resident Engineer Office Space	<u>LumpSum</u>	<u>LS</u>	<u>\$ 20,000</u>	<u>\$ 20,000</u>	
	<u>_____</u>	<u>_____</u>	<u>\$ _____</u>	<u>\$ _____</u>	
					Subtotal Specialty Items \$ <u>30,750</u>

<u>Section 5: Traffic Items</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Item Cost</u>	<u>Section Cost</u>
Lighting	<u>_____</u>	<u>_____</u>	<u>\$ _____</u>	<u>\$ _____</u>	
Traffic Delineation Items	<u>LumpSum</u>	<u>LS</u>	<u>\$ 24,700</u>	<u>\$ 24,700</u>	
Traffic Signals	<u>LumpSum</u>	<u>LS</u>	<u>\$ 27,000</u>	<u>\$ 27,000</u>	
Curb Ramp Detectable Warning	<u>195</u>	<u>SQFT</u>	<u>\$ 40</u>	<u>\$ 7,800</u>	
Roadside Signs	<u>LumpSum</u>	<u>LS</u>	<u>\$ 16,623</u>	<u>\$ 16,623</u>	
Traffic Control Systems	<u>LumpSum</u>	<u>LS</u>	<u>\$ 62,500</u>	<u>\$ 62,500</u>	
Transportation Management Plan	<u>LumpSum</u>	<u>LS</u>	<u>\$ 2,000</u>	<u>\$ 2,000</u>	
COZEPP	<u>LumpSum</u>	<u>LS</u>	<u>\$ 40,000</u>	<u>\$ 40,000</u>	
					Subtotal Traffic Items \$ <u>180,623</u>

NOTE: Extra lines are provided for items not listed; use additional lines as appropriate.

<u>Section 6 Planting and Irrigation</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Item Cost</u>	<u>Section Cost</u>
Highway Planting	_____	_____	\$ _____	\$ _____	
Replacement Planting	_____	_____	\$ _____	\$ _____	
Irrigation Modification	_____	_____	\$ _____	\$ _____	
Relocate Existing Irrigation Facilities	_____	_____	\$ _____	\$ _____	
Irrigation Crossovers	_____	_____	\$ _____	\$ _____	
	_____	_____	\$ _____	\$ _____	
Subtotal Planting and Irrigation Section					\$ _____

<u>Section 7: Roadside Management and Safety Section</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Item Cost</u>	<u>Section Cost</u>
Vegetation Control Treatments	_____	_____	\$ _____	\$ _____	
Gore Area Pavement	_____	_____	\$ _____	\$ _____	
Pavement beyond the gore area	_____	_____	\$ _____	\$ _____	
Miscellaneous Paving	_____	_____	\$ _____	\$ _____	
Erosion Control					
Slope Protection	_____	_____	\$ _____	\$ _____	
Side Slopes/Embankment Slopes	_____	_____	\$ _____	\$ _____	
Maintenance Vehicle Pull outs					
Off-freeway Access (gates, stairways, etc.)					
Roadside Facilities (Vista Points, Transit, Park and Ride, etc.)	_____	_____	\$ _____	\$ _____	
Relocating roadside facilities/features	_____	_____	\$ _____	\$ _____	
	_____	_____	\$ _____	\$ _____	
Subtotal Roadside Management and Safety Section					\$ _____

TOTAL SECTIONS: 1 thru 7 \$ 425,265

NOTE: Extra lines are provided for items not listed; use additional lines as appropriate.

District-County-Route SCL 17

PM 6.9/9.1
EA 3G180K

Section 8: Minor Items

\$ _____ x (5%) = \$ _____
(Subtotal Sections 1 thru 7)

TOTAL MINOR ITEMS \$ 0

Section 9: Roadway Mobilization

\$ 425,265 x (5%) = \$ 21,263
(Subtotal Sections 1 thru 8)

TOTAL ROADWAY MOBILIZATION \$ 21,263

Section 10: Roadway Additions

Supplemental Work

\$ 425,265 x (5%) = \$ 21,263
(Subtotal Sections 1 thru 8)

Contingencies

\$ 425,265 x (20%) = \$ 85,053
(Subtotal Sections 1 thru 8)

TOTAL ROADWAY ADDITIONS \$ 106,316

TOTAL ROADWAY ITEMS \$ 552,844
(Subtotal Sections 1 thru 10)

Estimate Prepared By Karin Seritis Phone# (510) 286-4484 Date 8/24/11
(Print Name)

Estimate Checked By Robert Camargo Phone# (510) 286-4450 Date 9/21/11
(Print Name)

** Use appropriate percentage per Chapter 20.

District-County-Route SCL 17

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II. STRUCTURES ITEMS

	Structure (1)	Structure (2)	Structure (3)	
Bridge Name	_____	_____	_____	
Structure Type	_____	_____	_____	
Width (out to out) - (ft)	_____	_____	_____	
Span Lengths - (ft)	_____	_____	_____	
Total Area - (ft ²)	_____	_____	_____	
Footing Type (pile/spread)	_____	_____	_____	
Cost Per ft ² (incl. 10% mobilization and 20% contingency)	_____	_____	_____	
Total Cost for Structure	_____	_____	_____	

SUBTOTAL STRUCTURES ITEMS \$ 0
(Sum of Total Cost for Structures)

Railroad Related Costs:	_____	_____	_____	\$ _____
	_____	_____	_____	\$ _____
	_____	_____	_____	\$ _____

SUBTOTAL RAILROAD ITEMS \$ 0

TOTAL STRUCTURES ITEMS \$ 0
(Sum of Structures Items plus Railroad Items)

COMMENTS:

Estimate Prepared By N/A Phone# _____ Date _____
(Print Name)

NOTE: If appropriate, attach additional pages and backup.

Page No. _____ of _____

District-County-Route SCL 17

PM 6.9/9.1
EA 3G180K

III. RIGHT OF WAY ITEMS

ESCALATED VALUE

A. Acquisition, including excess lands, damages to remainder(s) and Goodwill	\$ <u>100,000</u>
B. Utility Relocation (State share)	\$ <u>100,000</u>
C. Relocation Assistance	\$ _____
D. Clearance/Demolition	\$ _____
E. Title and Escrow Fees	\$ _____

TOTAL RIGHT OF WAY ITEMS \$ 200,000
(Escalated Value)

Anticipated Date of Right of Way Certification \$ 2012
(Date to which Values are Escalated)

F. Construction Contract Work

Brief Description of Work:

Right of Way Branch Cost Estimate for Work * \$ _____

* This dollar amount is to be included in the Roadway and/or Structures Items of Work, as appropriate. Do not include in Right of Way Items.

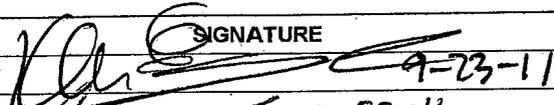
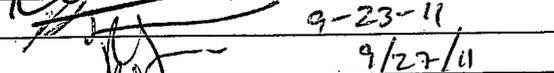
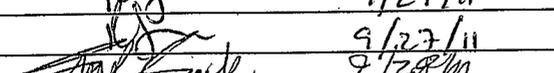
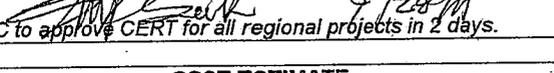
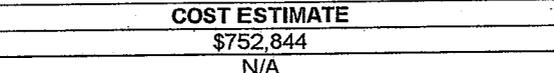
COMMENTS:

R/W Estimate Prepared By Ramiel Gutierrez, per his e-mail dated 8/31/11 (see attached)
Phone# (510) 286-5994 Date 8/31/11
(Print Name)

NOTE: If appropriate, attach additional pages and backup.

PID COST ESTIMATE CERTIFICATION (CERT) FORM (V.2—March 2, 2010)

DIST-UNIT-CO-RTE-PM	04-609-SCL-17-6.9/9.1	
DIST-EA	04-3G180K	
PROJECT DESCRIPTION	Install/upgrade curb ramps and pedestrian facilities	1) Initial: <u>JD</u> Date: <u>9/29/11</u> DDD of Transportation Planning and Local
PROGRAM TYPE	SHOPP	
PROGRAM FISCAL YEAR	13/14	2) Initial: <u>JCC</u> Date: <u>9/29/11</u> DDD of Design
ESCALATED PROGRAM COST	\$821,874 (Construction Year: 14/15; 4%/year)	
NUMBER OF WORKING DAYS	30	

PROJECT ROLE	PRINTED NAME	SIGNATURE
Project Engineer (QC)	Karin Seritis	 9-23-11
Design Senior (QA)	Robert Camargo	 9-23-11
Project Manager	Ramses Sargiss	 9/27/11
Design Office Chief (QA)	Ramses Sargiss	 9/27/11
Design Division Chief (QA) (South, North, East Region)	Skip Sowko	 9/28/11 DDC to approve CERT for all regional projects in 2 days.

DATE	WBS	PROJECT DELIVERABLE	COST ESTIMATE
9/16/11	150	PID (Current)	\$752,844
	180	PA&ED	N/A

		Briefly provide details below.
Quality	<p>Assumptions How did assumptions about location (e.g., terrain, distance to construction site, etc.), relative availability of materials, weather conditions, etc. influence the cost estimate? What other elements influenced the estimate?</p>	<p>The unit prices used are based upon the most recent available bid results for the items (see 'Source of Unit Prices', below).</p>

Source of Unit Prices

What factors were considered to determine unit prices of major items? Provide EAs of projects considered, unit prices and quantities used. Add specialty items and costs as appropriate. Provide TRO cost.

The Item #731627 – Minor Concrete (Curb, Sidewalk, and Curb Ramp) unit price is based upon recent bid prices from the following EAs (note: this contract has 111 CY):

EA	Quantity	Unit cost (Awarded)	Unit cost (All Bids' Average)	Bid Open
11-081644	100	\$320.00/CY	\$477.62	6/25/2009
04-1A4304	85	\$515.00/CY	\$546.91	5/26/2009
04-263724	72	\$336.40/CY	\$434.94	10/06/2009
Average		\$390.46/CY	\$486.49	

We use: 111 CY @ \$475/CY (Constr'n Year: 14/15; 4%/year)

This item accounts for 15.1% of the total cost of contract bid items for 3G180K. We use the unit price of \$475/CY, which is the average of the bid prices of the three most recently awarded projects (escalated to CY 14/15), with total quantities of this item between 70 to 150 CY.

The Item #190101 – Roadway Excavation unit price is based upon recent bid prices from the following EAs (note: this contract has 654 CY):

EA	Quantity	Unit cost (Awarded)	Unit cost (All Bids' Average)	Bid Open
10-279804	600	\$5.00/CY	\$45.06/CY	5/03/2011
08-0L0404	610	\$33.00/CY	\$52.83/CY	5/05/2011
04-3A5504	650	\$40.00/CY	\$45.00/CY	6/01/2011
Average		\$26/CY	\$47.63/CY	

We use: 654 CY @ \$54/CY (Constr'n Year: 14/15; 4%/year)

This item accounts for 10.1% of the total cost of contract bid items for 3G180K. We use the unit price of \$54/CY, which is taken from an average of the bid prices of three recent 2011 projects, escalated to CY 14/15 (note: this was not taken from the three most recently awarded projects, because one of the unit costs of these was quite low compared to the other bids [see above]). Total quantities used for this item were between 600 to 700 CY.

The Item #260301 – Class 3 Aggregate Base unit price is based upon recent bid prices from the following EAs (note: this contract has 290 CY):

EA	Quantity	Unit cost (Awarded)	Unit cost (All Bids' Average)	Bid Open
04-1A5224	290	\$75.00/CY	\$76.42/CY	6/15/2010
03-0F6204	320	\$112.00/CY	\$138.50/CY	5/03/2011
04-3A0904	380	\$42.15/CY	\$47.61/CY	6/22/2011
Average		\$76.38/CY	\$87.51/CY	

We use: 290 CY @ \$86/CY (Constr'n Year: 14/15; 4%/year)

This item accounts for 7.2% of the total cost of contract bid items for 3G180K. We use the unit price of \$86/CY, which is taken from an average of the bid prices of three recently awarded 2010-2011 projects (escalated to CY 14/15), with total quantities of this item between 200 and 400 CY.

Traffic Management Plan Data Sheet (day v. night)

Summarize information on the data sheet (e.g., number of signs, public outreach component, night work, etc.).

I) The following items are Traffic Control costs and elements:

- Traffic Control System cost = \$ 50,000
- Portable Changeable Message Sign cost = \$ 12,500
- Maintain Traffic cost = \$ 23,000 (Supplemental Work)

II) State Furnished Expenses:

- COZEEP Contract: \$40,000.

TMP Public Information = \$2,000

Risk Management Plan

Identify major risks relating to the development and management of the project and mitigation measures.

Due to a host of world-wide conflicts, uncertainty in the stability of the dollar as a reserve currency, decimation of American jobs, and speculative activity in the commodities markets, the future costs of both labor and commodities in the proposed construction year of 2014/15 – three years from now - are impossible to predict. Therefore, unit prices are based only upon the most recent available bids, escalated out to CY 14/15 at a rate of 4% per year.

Escalation Factors Used

Justify if escalation rate is less than 5%. Provide mid-year of Construction and escalation rate.

4% escalation, per instruction by R. Camargo, Program Advisor.

Contingencies

Justify if less than 25%.

The contingency amount is 20%, per page 5 of the standard 'Project Initiation Document Cost Estimate' form.

	DES Structures , Estimate and Quantities <i>From APS provide a name of a preparer of calculations, estimate assumptions (type of structure, cost per square foot), date calculated, name of checker, and date checked.</i>	N/A
Quality Assurance	Constructability Review <i>What is the assumed construction method and what risks are associated with that method? Indicate when reviews occurred and major findings.</i>	N/A
	Value Analysis Required? Yes/No <i>List target date.</i>	No
	DES Structural Liaison Review <i>List date, conclusions of Review, and name of reviewer.</i>	N/A
	Independent Estimate Performed? Yes/No <i>List target date.</i>	No
	Kam Leung, District Cost Estimating Coordinator (DCEC) <i>Comments and Resolution.</i>	Review completed on 9/23/11; all comments have been incorporated.
Status	Next cost estimate update (provide month and year) <i>Annual cost update is required.</i>	N/A

Memorandum

*Flex your power!
Be energy efficient!*

To: ROLAND AU-YEUNG
Chief, Office of Traffic
District 4

Date: April 12, 2011

File: 4-SCL-17 & 85
PM 6.9/9.1
PM 18.0/24.1
ADA for CAPM

From:  DAROLD HEIKENS
ADA Infrastructure Program Manager

Subject: **Conceptual Approval for 201.361 – Curb Ramp (Major)**

I concur with your request to begin initial work on this project to install/upgrade curb ramps and pedestrian facilities on SR 17 (PM 6.9/9.1) and SR 85 (PM 18.0/24.1) in Santa Clara County. The project was initiated to install curb ramps that could not be included in CAPM projects 04-OC8801 and 04-1E0901. The project is to bring the facility to pedestrian access/ADA standards. The preliminary roadway construction cost estimate is \$1,300,000. Purchase of Right-of-Way (ROW) and/or TCE's is estimated at \$200,000.

The SHOPP performance measures for this project are:

- 60 Curb Ramps
- 600 LF of sidewalk
- 50 Pedestrian push buttons or signal modifications

Due to a court settlement, the Department needs to expedite these types of non-complex curb ramp projects. To expedite this Major project, use the SCVP PID format for your PID document. Additionally, attempt to defer as much work into the 0-phase to both reduce K-phase expenditures and to expedite the programming of this project. With these PID changes, you should be able to complete the PID for this project using from 0.2 to 0.3 PYs.

Please send the draft Project Initiation Document (PID) for our review and approval prior to signing the final PID. Final project approval will be granted after review of the PID. This project will compete for funding allocation on a statewide basis in SHOPP.

If you have any questions regarding the above, please contact Joe Horton at (916) 654-5442.

cc: Joe Horton
Jerry Champa
Ramiel Gutierrez
Rick Guevel
Mary Payyappilly
Dan Brewer
Mike Thomas



**Karin
Seritis/D04/Caltrans/CAGov**

09/26/2011 10:33 AM

To
cc
bcc
Subject Fw: 2G180K - SCL 17 - ADA Curb Ramp Upgrades

----- Forwarded by Karin Seritis/D04/Caltrans/CAGov on 09/26/2011 10:33 AM -----



**Ramiel F
Gutierrez/D04/Caltrans/CA
Gov**

08/31/2011 07:20 AM

To Karin Seritis/D04/Caltrans/CAGov@DOT
cc Joe Horton/HQ/Caltrans/CAGov@DOT, Darold
Heikens/D03/Caltrans/CAGov@DOT, Robert
Camargo/D04/Caltrans/CAGov@DOT, Roland
Au-Yeung/D04/Caltrans/CAGov@DOT
Subject Re: 2G180K - SCL 17 - ADA Curb Ramp Upgrades 

Hello Karin, hope all is well. As I'm the one who developed the conceptual proposal that Joe and Darold approved, I'm responding to your inquiry. As in developing the original estimate, I anticipated that right of way may have to be acquired, to accommodate the new ADA compliant curb ramps and pedestrian push buttons (i.e. land behind the existing ramps may have to be purchased to construct ADA compliant curb ramps, relocate signal standards), and it be necessary to mitigate the project environmentally, the amount of \$200,000 was included in the estimate accordingly.