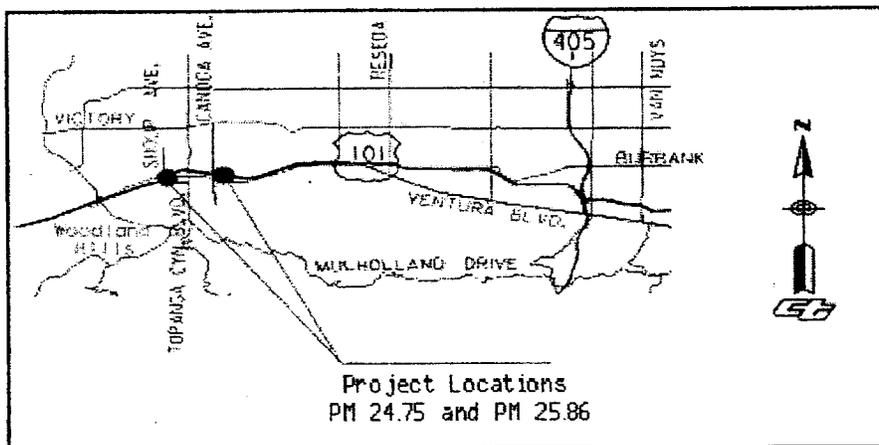


07-LA-101, PM 24.75 and PM 25.86  
07-186, EA 22590K  
Operational Improvements  
Program (20.XX.201.310)

## SUPPLEMENTAL PROJECT STUDY REPORT (Ramps Widening)



In Los Angeles County, On Route 101, N/B Off-ramp to Canoga Ave.  
And S/B Off-ramp to Ventura/ Topanga Cyn. Blvd.

**APPROVAL RECOMMENDED:**

*Ravi Ghate*

RAVI GHATE, Project Manager

**CONCURRED:**

*Roseann Casey*

ROSEANN CASEY, Deputy District Director,  
Division of Planning, Public Trans. And Local Assistance

*William H. Reagan*

WILLIAM H. REAGAN, Deputy District Director,  
Division of design

**APPROVED:**

*Douglas R. Failing*

DOUGLAS R. FAILING, District Director

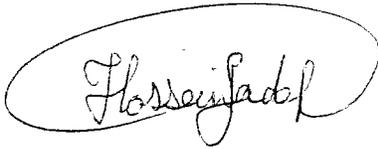
*press updated 11/09/05  
tube reprogram*

*10-28-05*

Date

07-LA-10, PM 24.75 and PM 25.86

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



HASSAN HOSSEIN ZADEH, P.E.  
Project Engineer

10/14/05  
Date

07 - LA - 101  
07-186, EA 22590K  
Operational Improvements Program (20.xx.201.3101)  
07-LA-101, PM 24.75 and 25.86

## **SUPPLEMENTAL PROJECT STUDY REPORT (Ramps Widening)**

### **1. INTRODUCTION**

A Project Study Report (PSR) to relieve the traffic congestion and backup at two off-ramps was approved on November 11, 2001. The estimated costs for the two build alternatives 2 and 3 were \$6,100,000 and \$5,500,000 respectively. The project was prepared for programming under the Roadway Protection Betterment Program.

Since this project is to be programmed in 2006 State Highway Operation and Protection Program (SHOPP) under the different program; this Supplemental Project Study Report is prepared to update the estimated cost and work plan. The scope of work is not changed and is as follows:

- Widen the northbound off-ramp to Canoga Avenue (PM 24.75) to provide standard lane and shoulder widths, and increase the storage capacity.
- Add a lane to southbound off-ramp to Ventura/Topanga Canyon Boulevard (PM 25.86), and construct sound wall at southbound right of way.

The updated estimate cost for the two builds alternatives 2 and 3 are \$7,500,000 and \$6,800,000 respectively. The proposed project funding would be from the Operation Improvement Program (20.XX.201.310).

### **2. BACKGROUND**

Refer to the Project Study Report, approved on November 2, 2001.

### **3. NEED AND PURPOSE**

Refer to the Project Study Report, approved on November 2, 2001.

### **4. RECOMMENDATION**

Refer to the Project Study Report, approved on November 2, 2001.

### **5. ALTERNATIVES**

Refer to the Project Study Report, approved on November 2, 2001.

### **6. SYSTEM PLANNING**

Refer to the Project Study Report, approved on November 2, 2001.

**7. HAZARDOUS MATERIAL/WASTE**

Refer to the Project Study Report, approved on November 2, 2001.

**8. TRANSPORTATION MANAGEMENT PLAN (TMP)**

Refer to the Project Study Report, approved on November 2, 2001.

**9. ENVIRONMENTAL DOCUMENTS**

Refer to the Project Study Report, approved on November 2, 2001.

**10. GEOTECHNICAL ISSUES**

Refer to the Project Study Report, approved on November 2, 2001.

**11. FUNDING/SCHEDULING**

• **Funding**

This project will be submitted for programming in the 2006 State Highway Operation and Protection Program (SHOPP) and will be funded from the Operational Improvements Program in the 2010/2011 fiscal year.

**Project Support (PY's & in \$1,000)**

Proposed Program Year	District PY's			Engineering Service Center PY's				Total Cost		
	Design	R/W	Constr.	METS		Others		Office Engr.	PY's	X (\$1000)
				Design	Constr	Design	Constr			
2006/2007	1.00					-	-		1.00	\$110
2007/2008	1.50	0.10				0.30	-		1.90	\$209
2008/2009	2.00	0.20		0.10		0.10	-		2.40	\$264
2009/2010	2.00	0.20	1.20	0.20	0.20	-	-	0.50	4.30	\$473
2010/2011	0.20	0.10	4.30		0.10	-	2.00		6.70	\$737
2010/2012	0.00		0.20						0.20	\$22
<b>Total</b>	<b>6.70</b>	<b>0.60</b>	<b>5.70</b>	<b>0.30</b>	<b>0.30</b>	<b>0.40</b>	<b>2.00</b>	<b>0.50</b>	<b>16.50</b>	<b>\$1,815</b>

- **Schedule**

The following milestone completion dates are anticipated:

<b>Milestone</b>	<b>Completion Date</b>
Submit Project Report	11/2007
Environmental Clearance	11/2007
Maps to Right of Way	05/2008
PS&E	06/2009
Right of Way Certification	12/2009
Ready to List	01/2010
Begin Construction	07/2010
Complete Construction	07/2011

## **12. PROJECT PERSONNEL**

Ravi Ghate	Project Manager	(213) 897-5593
Albert Andraos	Senior Transportation Engineer	(213) 897-4921
Hassan H Zadeh	Project Engineer	(213) 897-4160
Saleh Kibria	Transportation Engineer	(213) 897-5328
Nancy Tran	Transportation Engineer	(213) 897-5726

## **13. LIST OF ATTACHMENT:**

Attachment A	Project Cost Estimates.
Attachment B	Work Plan.

**ATTACHMENT A**  
**PROJECT COST ESTIMATES**

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**PRELIMINARY PROJECT COST ESTIMATE SUMMARY**

Dist-Co-Rte 07-LA-101  
PM PM 24.75 and 25.86  
EA 22590K  
Prgm. Code 20-XX-201-310

PROJECT DESCRIPTION:

Limits: In Los Angeles County on Route 101  
At N/B Off-Ramp to Canoga Ave. (PM 24.75)

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Alternative: 2 Extending Storage Area to 100 Meters

**SUMMARY OF PROJECT COST ESTIMATE**

TOTAL ROADWAY ITEMS	\$ <u>3,700,000</u>
TOTAL STRUCTURE ITEMS	\$ <u>0</u>
SUBTOTAL CONSTRUCTION COSTS	\$ <u>3,700,000</u>
TOTAL RIGHT OF WAY ITEMS	\$ <u>0</u>
TOTAL PROJECT CAPITAL OUTLAY COSTS	\$ <u>3,700,000</u>
USE	\$ <u>3,700,000</u>

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**PRELIMINARY PROJECT COST ESTIMATE SUMMARY**

**N/B off-ramp to Canoga Avenue Alternative 2**

Dist-Co-Rte 07-LA-101

PM PM 24.75 and 25.86

EA 22590K

Prgm. Code 20-XX-201-310

**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	1,900	M <sup>3</sup>	\$55	\$104,500	
Imported Borrow	3,200	M <sup>3</sup>	\$90	\$288,000	
AC Removal	40	M <sup>3</sup>	\$40	\$1,600	
Clearing & Grubbing	1	LS	\$84,000	\$84,000	
Develop Water Supply	1	LS	\$12,000	\$12,000	
Curb and Sidewalk Removal	1	LS	\$14,400	\$14,400	
					<b>Subtotal Earthwork \$504,500</b>
 <u>Section 2 Structural Section</u>					
PCC Pavement (FSHCC*)	100	M <sup>3</sup>	\$900	\$90,000	
Asphalt Concrete (Type B)	1,690	Ton	\$150	\$253,500	
Lean Concrete Base (FSHCC*)	400	M <sup>3</sup>	\$900	\$360,000	
Aggregate Base	250	M <sup>3</sup>	\$80	\$20,000	
Pavement Reinforcing Fabric	1,850	M <sup>2</sup>	\$2	\$3,700	
					<b>Total Structural Items \$727,200</b>
 <u>Section 3 Drainage</u>					
Ramp Drainage System	1	LS	\$25,000	\$25,000	
Modify City of LA Drainage System	1	LS	\$25,000	\$25,000	
					<b>Total Drainage \$50,000</b>

\* Fast Setting Hydraulic Cement Concrete.

**PRELIMINARY PROJECT COST ESTIMATE SUMMARY**

**N/B off-ramp to Canoga Avenue Alternative 2**

**Dist-Co-Rte 07-LA-101**

**PM PM 24.75 and 25.86**

**EA 22590K**

**Prgm. Code 20-XX-201-310**

<u>Section 4 Speciality Items</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Item Cost</u>	<u>Section Cost</u>
Retaining Wall	220	M <sup>3</sup>	\$600	\$132,000	
Side Walk (Minor Concrete)	30	M <sup>3</sup>	\$600	\$18,000	
Replacement Planting	1	LS	\$36,000	\$36,000	
Storm Water/Water Pollution Control	1	LS	\$320,000	\$320,000	
Hzrds Waste Mtgn Work (Y. Stripe)	1	LS	\$3,000	\$3,000	
Landscaping	1	LS	\$60,000	\$60,000	
Resident Engineer Office Space	1	LS	\$58,000	\$58,000	
				<b>Total Speciality Items</b>	<b>\$627,000</b>

Section 5 Traffic Items

Remove Traffic Striping	1	LS	\$7,200	\$7,200	
Traffic Delineation	1	LS	\$30,000	\$30,000	
Relocate Traffic Signals	3	EA	\$36,000	\$108,000	
Relocate Signs	6	EA	\$600	\$3,600	
Transportation Management Plan	1	LS	\$24,000	\$24,000	
Construction Area Signs	1	LS	\$12,000	\$12,000	
Temp. Crash Cushions	1	LS	\$7,200	\$7,200	
Temp. Railing Type K	240	M	\$70	\$16,800	
Loop Detector	9	EA	\$1,000	\$9,000	
Electrical Control Box	1	LS	\$12,000	\$12,000	
Fiber Optic Relocation	1	LS	\$72,000	\$72,000	
Traffic Control System	1	LS	\$100,800	\$100,800	

**Total Traffic Items \$402,600**

**SUBTOTAL SECTIONS 1-5 \$2,311,300**

**PRELIMINARY PROJECT COST ESTIMATE SUMMARY**  
**N/B off-ramp to Canoga Avenue Alternative 2**

Dist-Co-Rte 07-LA-101  
 PM PM 24.75 and 25.86  
 EA 22590K  
 Prgm. Code 20-XX-201-310

<u>Section 6 Minor Items</u>	<u>\$2,311,300</u>			
(Subtotal Sections 1-5)		X		
			10.00%	Item Cost
			(5% - 10%)	\$231,130
				Section Cost
				<u>Total Minor Items</u> <u>\$231,130</u>
<u>Section 7 Roadway Mobilization</u>	<u>\$2,542,430</u>			
(Subtotal Sections 1-6)		X		
			10.00%	\$254,243
			10%	
				<u>Total Roadway Mobilization</u> <u>\$254,243</u>
<u>Section 8 Roadway Additions</u>	<u>\$2,542,430</u>			
Supplemental Work		X		
			10.00%	\$254,243
			(5% - 10%)	
				<u>Total Roadway Additions</u> <u>\$889,851</u>
				<b>TOTAL ROADWAY ITEMS</b> <u>\$3,686,524</u>
				(Total of sections 1-8)
				<b>USE</b> <u>\$3,700,000</u>

Estimate Prepared By \_\_\_\_\_  
 Saleh Kibria  
 (Print Name)

Phone # \_\_\_\_\_ 213-897-5328 \_\_\_\_\_  
 Date \_\_\_\_\_ 10/6/2005 \_\_\_\_\_

Estimate Checked By \_\_\_\_\_  
 Hassan H. Zadeh  
 (Print Name)

Phone # \_\_\_\_\_ 213-897-4160 \_\_\_\_\_  
 Date \_\_\_\_\_ 10/6/2005 \_\_\_\_\_

**PRELIMINARY PROJECT COST ESTIMATE SUMMARY**  
**N/B off-ramp to Canoga Avenue Alternative 2**

Dist-Co-Rte 07-LA-101  
 PM PM 24.75 and 25.86  
 EA 22590K  
 Prgm. Code 20-XX-201-310

**II. STRUCTURAL ITEMS**

Bridge Structural Items

	STRUCTURE			
	No. 1	No. 2	No. 3	No. 4
Bridge Name	_____	_____	_____	_____
Width (m)	_____	_____	_____	_____
Span Length (m)	_____	_____	_____	_____
Total Area (m2)	_____	_____	_____	_____
Footing Type (Pile/Spread)	_____	_____	_____	_____
Cost Per square meter (include 10% mobilization and 20% contingency)	_____	_____	_____	_____
Wall Length on Bridge (H=3.6)	_____	_____	_____	_____
Unit price of wall (\$/m)	_____	_____	_____	_____
Cost of the Wall	_____	_____	_____	_____
Total Cost for Structure widening+ Wall	_____	_____	_____	_____
			<b>SUBTOTAL STRUCTURES ITEMS</b>	<u>N/A</u>

Wall Structural Items

	Quantity	Unit	Unit Price	Item Cost
Soundwall on Bridge (H=3.6 m)	_____	_____	_____	_____
Soundwall on Retaining Wall (H=4.3 m)	_____	_____	_____	_____
Retaining Walls (H=2.5 m)	_____	_____	_____	_____
Retaining walls (H=3.0 m)	_____	_____	_____	_____
			<b>SUBTOTAL STRUCTURES ITEMS</b>	<u>N/A</u>
Railroad Related Costs	_____	_____	_____	_____
			<b>SUBTOTAL RAILROAD ITEMS</b>	<u>N/A</u>
			<b>TOTAL STRUCTURES ITEMS</b>	<u>N/A</u>

COMMENTS

USE N/A

Estimate Prepared By \_\_\_\_\_

Phone # \_\_\_\_\_

Date \_\_\_\_\_

\_\_\_\_\_  
 Print Name

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**PRELIMINARY PROJECT COST ESTIMATE SUMMARY**  
**N/B off-ramp to Canoga Avenue Alternative 2**

Dist-Co-Rte 07-LA-101  
PM PM 24.75 and 25.86  
EA 22590K  
Prgm. Code 20-XX-201-310

III. RIGHT OF WAY

	ESCALATED VALUE
A. Acquisition, including excess lands and damages to remainder(s) (Temporary Const. Easement)	_____
B. Utility Relocation (State share)	_____
C. RAP	_____
D. Clearance/Demolition	_____
E. Title and Escrow Fees	_____
<b>TOTAL RIGHT OF WAY ITEMS</b>	<u><u>N/A</u></u>

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

COMMENTS:

Estimate Prepared By \_\_\_\_\_ Phone # \_\_\_\_\_ Date \_\_\_\_\_  
(Print Name)

**PRELIMINARY PROJECT COST ESTIMATE SUMMARY**

Dist-Co-Rte 07-LA-101  
KP(PM) PM 24.75 and 25.86  
EA 22590K  
Prgm. Code 20-XX-201-310

PROJECT DESCRIPTION:

Limits: In Los Angeles County on Route 101  
At N/B Off-Ramp to Canoga Ave. (PM 24.75)  
   
   
 

Alternative: 3 Extend the Storage Area to 75 meters

**SUMMARY OF PROJECT COST ESTIMATE**

TOTAL ROADWAY ITEMS	\$ <u>3,000,000</u>
TOTAL STRUCTURE ITEMS	\$ <u>0</u>
SUBTOTAL CONSTRUCTION COSTS	\$ <u>3,000,000</u>
TOTAL RIGHT OF WAY ITEMS	\$ <u>0</u>
TOTAL PROJECT CAPITAL OUTLAY COSTS	\$ <u>3,000,000</u>
USE	\$ <u>3,000,000</u>

**PRELIMINARY PROJECT COST ESTIMATE SUMMARY**

N/B off-ramp to Canoga Alternative 3

Dist-Co-Rte 07-LA-101

KP(PM) PM 24.75 and 25.86

EA 22590K

Prgm. Code 20-XX-201-310

**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	900	M <sup>3</sup>	\$55	\$49,500	
Imported Borrow	1,300	M <sup>3</sup>	\$90	\$117,000	
AC Removal	40	M <sup>3</sup>	\$40	\$1,600	
Clearing & Grubbing	1	LS	\$84,000	\$84,000	
Develop Water Supply	1	LS	\$12,000	\$12,000	
Curb and Sidewalk Removal	1	LS	\$14,400	\$14,400	
					<b>Subtotal Earthwork</b> <u>\$278,500</u>
<u>Section 2 Structural Section</u>					
PCC Pavement (FSHCC*)	100	M <sup>3</sup>	\$900	\$90,000	
Asphalt Concrete (Type B)	850	Ton	\$150	\$127,500	
Lean Concrete Base (FSHCC*)	350	M <sup>3</sup>	\$900	\$315,000	
Aggregate Base	200	M <sup>3</sup>	\$80	\$16,000	
Pavement Reinforcing Fabric	800	M <sup>2</sup>	\$2	\$1,600	
					<b>Total Structural Items</b> <u>\$550,100</u>
<u>Section 3 Drainage</u>					
Ramp Drainage System	1	LS	\$25,000	\$25,000	
Modify City of LA Drainage system	1	LS	\$25,000	\$25,000	
					<b>Total Drainage</b> <u>\$50,000</u>

**PRELIMINARY PROJECT COST ESTIMATE SUMMARY**

N/B off-ramp to Canoga Alternative 3

Dist-Co-Rte 07-LA-101

KP(PM) PM 24.75 and 25.86

EA 22590K

Prgm. Code 20-XX-201-310

<u>Section 4 Speciality Items</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Item Cost</u>	<u>Section Cost</u>
Retaining Wall	160	M <sup>3</sup>	\$600	\$96,000	
Side Walk (Minor Concrete)	25	M <sup>3</sup>	\$600	\$15,000	
Replacement Planting	1	LS	\$36,000	\$36,000	
Storm Water/Water Pollution Control	1	LS	\$280,000	\$280,000	
Hrds Waste Mtgn Work (Y. Stripe)	1	LS	\$3,000	\$3,000	
Landscaping	1	LS	\$60,000	\$60,000	
Resident Engineer Office Space	1	LS	\$58,000	\$58,000	
<b>Total Specialty Items</b>					<b>\$548,000</b>

Section 5 Traffic Items

Remove Traffic Striping	1	LS	\$7,200	\$7,200	
Traffic Delineation	1	LS	\$24,000	\$24,000	
Relocate Traffic Signals	3	EA	\$36,000	\$108,000	
Relocate Signs	6	EA	\$600	\$3,600	
Transportation Management Plan	1	LS	\$24,000	\$24,000	
Construction Area Signs	1	LS	\$12,000	\$12,000	
Temp. Crash Cushions	1	LS	\$7,200	\$7,200	
Temp. Railing Type K	240	M	\$70	\$16,800	
Loop Detector	9	EA	\$1,000	\$9,000	
Electrical Control Box	1	LS	\$12,000	\$12,000	
Fiber Optic Relocation	1	LS	\$72,000	\$72,000	
Traffic Control System	1	LS	\$108,000	\$108,000	

**Total Traffic Items** \$403,800

**SUBTOTAL SECTIONS 1-5** \$1,830,400

**PRELIMINARY PROJECT COST ESTIMATE SUMMARY**  
 N/B off-ramp to Canoga Alternative 3

Dist-Co-Rte 07-LA-101  
 KP(PM) PM 24.75 and 25.86  
 EA 22590K  
 Prgm. Code 20-XX-201-310

<u>Section 6 Minor Items</u>	<u>\$1,830,400</u>			
	(Subtotal Sections 1-5)			
	X	10.00%	<u>\$183,040</u>	Section Cost
		(5% - 10%)		
			<u>Total Minor Items</u>	<u>\$183,040</u>
<u>Section 7 Roadway Mobilization</u>	<u>\$2,013,440</u>			
	(Subtotal Sections 1-6)			
	X	10.00%	<u>\$201,344</u>	
		10%		
			<u>Total Roadway Mobilization</u>	<u>\$201,344</u>
<u>Section 8 Roadway Additions</u>	<u>\$2,013,440</u>			
<u>Supplemental Work</u>	(Subtotal Sections 1-6)			
	X	10.00%	<u>\$201,344</u>	
		(5% - 10%)		
			<u>Total Roadway Additions</u>	<u>\$704,704</u>
<u>Contingencies</u>	<u>\$2,013,440</u>			
	(Subtotal Sections 1-6)			
	X	25.00%	<u>\$503,360</u>	
		(**%)*		
			<u>Total Roadway Additions</u>	<u>\$704,704</u>
			<b>TOTAL ROADWAY ITEMS</b>	<b><u>\$2,919,488</u></b>
			(Total of sections 1-8)	
			<b>USE</b>	<b><u>\$3,000,000</u></b>

Estimate Prepared By	<u>Saleh Kibria</u>	Phone #	<u>213-897-5328</u>	Date	<u>10/06/05</u>
	(Print Name)				
Estimate Checked By	<u>Hassan H. Zadeh</u>	Phone #	<u>213-897-4160</u>		<u>10/06/05</u>
	(Print Name)				

**PRELIMINARY PROJECT COST ESTIMATE SUMMARY**  
**N/B off-ramp to Canoga Alternative 3**

Dist-Co-Rte 07-LA-101  
 KP(PM) PM 24.75 and 25.86  
 EA 22590K  
 Prgm. Code 20-XX-201-310

**II. STRUCTURAL ITEMS**

Bridge Structural Items

	STRUCTURE			
	No. 1	No. 2	No. 3	No. 4
Bridge Name	_____	_____	_____	_____
Width (m)	_____	_____	_____	_____
Span Length (m)	_____	_____	_____	_____
Total Area (m2)	_____	_____	_____	_____
Footing Type (Pile/Spread)	_____	_____	_____	_____
Cost Per square meter (include 10% mobilization and 20% contingency)	_____	_____	_____	_____
Wall Length on Bridge (H=3.6)	_____	_____	_____	_____
Unit price of wall (\$/m)	_____	_____	_____	_____
Cost of the Wall	_____	_____	_____	_____
Total Cost for Structure widening+ Wal	_____	_____	_____	_____

**SUBTOTAL STRUCTURES ITEMS** N/A

Wall Structural Items

	Quantity	Unit	Unit Price	Item Cost
Soundwall on Bridge (H=3.6 m)	_____	_____	_____	_____
Soundwall on Retaining Wall (H=4.3 m)	_____	_____	_____	_____
Retaining Walls (H=2.5 m)	_____	_____	_____	_____
Retaining walls (H=3.0 m)	_____	_____	_____	_____

**SUBTOTAL STRUCTURES ITEMS** N/A

Railroad Related Costs

_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

**SUBTOTAL RAILROAD ITEMS** \_\_\_\_\_

**TOTAL STRUCTURES ITEMS** N/A

COMMENTS

USE N/A

Estimate Prepared By \_\_\_\_\_

Phone # \_\_\_\_\_

Date \_\_\_\_\_

\_\_\_\_\_  
 Print Name

(If appropriate, attach additional pages and backup)

**PRELIMINARY PROJECT COST ESTIMATE SUMMARY**  
N/B off-ramp to Canoga Alternative 3

Dist-Co-Rte 07-LA-101  
KP(PM) PM 24.75 and 25.86  
EA 22590K  
Prgm. Code 20-XX-201-310

III. RIGHT OF WAY

ESCALATED  
VALUE

- A. Acquisition, including excess lands  
and damages to remainder(s) (Temporary Const. Easement) \_\_\_\_\_
- B. Utility Relocation (State share) \_\_\_\_\_
- C. RAP \_\_\_\_\_
- D. Clearance/Demolition \_\_\_\_\_
- E. Title and Escrow Fees \_\_\_\_\_

**TOTAL RIGHT OF WAY ITEMS          N/A**

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

COMMENTS:

Estimate Prepared By \_\_\_\_\_ Phone # \_\_\_\_\_ Date \_\_\_\_\_  
(Print Name)

---

**PRELIMINARY PROJECT COST ESTIMATE SUMMARY**

Dist-Co-Rte 07-LA-101  
KP(PM) PM 24.75 and 25.86  
EA 22590K  
Prgm. Code 20-XX-201-310

PROJECT DESCRIPTION:

Limits: In Los Angeles County on Route 101  
at S/B Off Ramp to Ventura/Topanga Canyon Boulevard (PM 25.86)

---

Alternative: 2

**SUMMARY OF PROJECT COST ESTIMATE**

TOTAL ROADWAY ITEMS	\$ <u>3,500,000</u>
TOTAL STRUCTURE ITEMS	\$ <u>0</u>
SUBTOTAL CONSTRUCTION COSTS	\$ <u>3,500,000</u>
TOTAL RIGHT OF WAY ITEMS	\$ <u>273,948</u>
TOTAL PROJECT CAPITAL OUTLAY COSTS	\$ <u>3,773,948</u>
USE	\$ <u>3,800,000</u>

**PRELIMINARY PROJECT COST ESTIMATE SUMMARY**

**S/B Off-ramp to Ventura/Topanga Cyn. Blvd. Alternative 2**

Dist-Co-Rte 07-LA-101

KP(PM) PM 24.75 and 25.86

EA 22590K

Prgm. Code 20-XX-201-310

**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	1,750	M <sup>3</sup>	\$55	\$96,250	
AC Removal	30	M <sup>3</sup>	\$40	\$1,200	
Clearing & Grubbing	1	LS	\$12,000	\$12,000	
Develop Water Supply	1	LS	\$12,000	\$12,000	
Curb and Sidewalk Removal	1	LS	\$18,000	\$18,000	
					<b>Subtotal Earthwork</b> <u>\$139,450</u>

Section 2 Structural Section

PCC Pavement (FSHCC*)	95	M <sup>3</sup>	\$900	\$85,500	
Asphalt Concrete (Type B)	510	Ton	\$150	\$76,500	
Lean Concrete Base (FSHCC*)	130	M <sup>3</sup>	\$900	\$117,000	
Aggregate Base	95	M <sup>3</sup>	\$80	\$7,600	
Pavement Reinforcing Fabric	480	M <sup>2</sup>	\$2	\$960	
					<b>Total Structural Items</b> <u>\$287,560</u>

Section 3 Drainage

Remove & Relocate Storm Drain	1	LS	\$50,000	\$50,000	
Ramp Drainage System	1	LS	\$25,000	\$25,000	
Modify Drainage System @ Cul-de-sac	1	LS	\$12,000	\$12,000	
					<b>Total Drainage</b> <u>\$87,000</u>

\* Rapid Setting Concrete

**PRELIMINARY PROJECT COST ESTIMATE SUMMARY**  
**S/B Off-ramp to Ventura/Topanga Cyn. Blvd. Alternative 2**

Dist-Co-Rte 07-LA-101  
 KP(PM) PM 24.75 and 25.86  
 EA 22590K  
 Prgm. Code 20-XX-201-310

<u>Section 4 Speciality Items</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Item Cost</u>	<u>Section Cost</u>
Retaining Wall	300	M <sup>3</sup>	\$600	\$180,000	
Sound Wall	190	LM	\$3,000	\$570,000	
Side Walk (Minor Concrete)	1	LS	\$50,000	\$50,000	
Replacement Planting	1	LS	\$12,000	\$12,000	
Storm Water/Water Pollution Control	1	LS	\$320,000	\$320,000	
Hazardous Waste Mitigation work (ADL & Yellow Strip)	1	LS	\$160,000	\$160,000	
Landscaping	1	LS	\$110,000	\$110,000	
Resident Engineer Office Space	1	LS	\$58,000	\$58,000	
					<b>Total Specialty Items</b> <u>\$1,460,000</u>

Section 5 Traffic Items

Remove Striping	1	LS	\$4,500	\$4,500	
Traffic Delineation	1	LS	\$11,000	\$11,000	
Relocate Light Pole	1	LS	\$30,000	\$30,000	
Relocate Signs	4	EA	\$600	\$2,400	
Traffic Signs	4	EA	\$400	\$1,600	
Transportation Management Plan	1	LS	\$24,000	\$24,000	
Construction Area Signs	1	LS	\$12,000	\$12,000	
Temp. Crash Cushion	1	LS	\$10,000	\$10,000	
Temp. Railing Type K	240	M	\$70	\$16,800	
Electrical Control Box	1	LS	\$12,000	\$12,000	
Traffic Control System	1	LS	\$90,000	\$90,000	
					<b>Total Traffic Items</b> <u>\$214,300</u>

**SUBTOTAL SECTIONS 1-5** \$2,188,310

**PRELIMINARY PROJECT COST ESTIMATE SUMMARY**  
**S/B Off-ramp to Ventura/Topanga Cyn. Blvd. Alternative 2**

Dist-Co-Rte 07-LA-101  
 KP(PM) PM 24.75 and 25.86  
 EA 22590K  
 Prgm. Code 20-XX-201-310

<u>Section 6 Minor Items</u>	<u>\$2,188,310</u>			
	(Subtotal Sections 1-5)			
		X	10.00%	<u>\$218,831</u>
			(5% - 10%)	
			<b>Total Minor Items</b>	<b><u>\$218,831</u></b>
<u>Section 7 Roadway Mobilization</u>	<u>\$2,407,141</u>			
	(Subtotal Sections 1-6)			
		X	10.00%	<u>\$240,714</u>
			10%	
			<b>Total Roadway Mobilization</b>	<b><u>\$240,714</u></b>
<u>Section 8 Roadway Additions</u>	<u>\$2,407,141</u>			
Supplemental Work	(Subtotal Sections 1-6)			
		X	10.00%	<u>\$240,714</u>
			(5% - 10%)	
Contingencies	<u>\$2,407,141</u>			
	(Subtotal Sections 1-6)			
		X	25.00%	<u>\$601,785</u>
			( % )	
			<b>Total Roadway Additions</b>	<b><u>\$842,499</u></b>
			<b>TOTAL ROADWAY ITEMS</b>	<b><u>\$3,490,354</u></b>
			(Total of sections 1-8)	
			<b>USE</b>	<b><u>\$3,500,000</u></b>

Estimate Prepared By	_____	Phone #	_____	Date	_____
	Saleh Kibria		213-897-5328		10/06/05
	(Print Name)				
Estimate Checked By	_____	Phone #	_____	Date	_____
	Hassan H Zadeh		213-897-4160		10/06/05
	(Print Name)				

**PRELIMINARY PROJECT COST ESTIMATE SUMMARY**  
**S/B Off-ramp to Ventura/Topanga Cyn. Blvd. Alternative 2**

Dist-Co-Rte 07-LA-101  
 KP(PM) PM 24.75 and 25.86  
 EA 22590K  
 Prgm. Code 20-XX-201-310

**II. STRUCTURAL ITEMS**

Bridge Structural Items

	STRUCTURE			
	No. 1	No. 2	No. 3	No. 4
Bridge Name	_____	_____	_____	_____
Width (m)	_____	_____	_____	_____
Span Length (m)	_____	_____	_____	_____
Total Area (m2)	_____	_____	_____	_____
Footing Type (Pile/Spread)	_____	_____	_____	_____
Cost Per square meter (include 10% mobilization and 20% contingency)	_____	_____	_____	_____
Wall Length on Bridge (H=3.6)	_____	_____	_____	_____
Unit price of wall (\$/m)	_____	_____	_____	_____
Cost of the Wall	_____	_____	_____	_____
Total Cost for Structure widening+ Wal	_____	#REF!	#REF!	#REF!

**SUBTOTAL STRUCTURES ITEMS** N/A

Wall Structural Items

	Quantity	Unit	Unit Price	Item Cost
Soundwall on Bridge (H=3.6 m)	_____	_____	_____	_____
Soundwall on Retaining Wall (H=4.3 m)	_____	_____	_____	_____
Retaining Walls (H=2.5 m)	_____	_____	_____	_____
Retaining walls (H=3.0 m)	_____	_____	_____	_____

**SUBTOTAL STRUCTURES ITEMS** N/A

Railroad Related Costs

\_\_\_\_\_

**SUBTOTAL RAILROAD ITEMS** \_\_\_\_\_

**TOTAL STRUCTURES ITEMS** N/A

COMMENTS

**USE** N/A

Estimate Prepared By \_\_\_\_\_

Phone # \_\_\_\_\_

Date \_\_\_\_\_

\_\_\_\_\_  
 Print Name



**PRELIMINARY PROJECT COST ESTIMATE SUMMARY**

Dist-Co-Rte 07-LA-101  
KP(PM) PM 24.75 and 25.86  
EA 22590K  
Prgm. Code 20-XX-201-310

PROJECT DESCRIPTION:

Limits: In Los Angeles County on Route 101  
at S/B Off Ramp to Ventura/Topanga Canyon Boulevard (PM 25.86)

Alternative: 3

**SUMMARY OF PROJECT COST ESTIMATE**

TOTAL ROADWAY ITEMS	\$ <u>3,500,000</u>
TOTAL STRUCTURE ITEMS	\$ <u>0</u>
SUBTOTAL CONSTRUCTION COSTS	\$ <u>3,500,000</u>
TOTAL RIGHT OF WAY ITEMS	\$ <u>242,070</u>
TOTAL PROJECT CAPITAL OUTLAY COSTS	\$ <u>3,742,070</u>
USE	\$ <u>3,800,000</u>

**PRELIMINARY PROJECT COST ESTIMATE SUMMARY**  
**S/B Off-ramp to Ventura/Topanga Cyn. Blvd. Alternative 3**

Dist-Co-Rte 07-LA-101  
 KP(PM) PM 24.75 and 25.86  
 EA 22590K  
 Prgm. Code 20-XX-201-310

**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	1,750	M <sup>3</sup>	\$55	\$96,250	
AC Removal	30	M <sup>3</sup>	\$40	\$1,200	
Clearing & Grubbing	1	LS	\$12,000	\$12,000	
Develop Water Supply	1	LS	\$12,000	\$12,000	
Curb and Sidewalk Removal	1	LS	\$15,000	\$15,000	
				<u>Subtotal Earthwork</u>	<u>\$136,450</u>
<u>Section 2 Structural Section</u>					
PCC Pavement (RSC*)	85	M <sup>3</sup>	\$900	\$76,500	
Asphalt Concrete (Type B)	510	Ton	\$150	\$76,500	
Lean Concrete Base (RSC*)	120	M <sup>3</sup>	\$900	\$108,000	
Aggregate Base	95	M <sup>3</sup>	\$80	\$7,600	
Pavement Reinforcing Fabric	480	M <sup>2</sup>	\$2	\$960	
				<u>Total Structural Items</u>	<u>\$269,560</u>
<u>Section 3 Drainage</u>					
Remove & Relocate Storm Drain	1	LS	\$50,000	\$50,000	
Ramp Drainage System	1	LS	\$25,000	\$25,000	
				<u>Total Drainage</u>	<u>\$75,000</u>

\* Rapid Setting Concrete

**PRELIMINARY PROJECT COST ESTIMATE SUMMARY**  
**S/B Off-ramp to Ventura/Topanga Cyn. Blvd. Alternative 3**

Dist-Co-Rte 07-LA-101

KP(PM) PM 24.75 and 25.86

EA 22590K

Prgm. Code 20-XX-201-310

<u>Section 4 Speciality Items</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Item Cost</u>	<u>Section Cost</u>
Retaining Wall	300	M <sup>3</sup>	\$600	\$180,000	
Sound Wall	190	LM	\$3,000	\$570,000	
Side Walk (Minor Concrete)	1	LS	\$40,000	\$40,000	
Replacement Planting	1	LS	\$12,000	\$12,000	
Storm Water/Water Pollution Control	1	LS	\$320,000	\$320,000	
Hazardous Waste Mitigation work (ADL & Yellow Strip)	1	LS	\$160,000	\$160,000	
Landscaping	1	LS	\$110,000	\$110,000	
Resident Engineer Office Space	1	LS	\$58,000	\$58,000	
<b>Total Specialty Items</b>					<b>\$1,450,000</b>

Section 5 Traffic Items

Remove Striping	1	LS	\$4,500	\$4,500	
Traffic Delineation	1	LS	\$12,000	\$12,000	
Relocate Light Pole	1	LS	\$30,000	\$30,000	
Relocate Signs	4	EA	\$600	\$2,400	
Relocate Traffic Signals	1	LS	\$50,000	\$50,000	
Traffic Signs	4	EA	\$400	\$1,600	
Transportation Management Plan	1	LS	\$24,000	\$24,000	
Construction Area Signs	1	LS	\$12,000	\$12,000	
Temp. Crash Cushion	1	LS	\$7,000	\$7,000	
Temp. Railing Type K	240	M	\$70	\$16,800	
Electrical Control Box	1	LS	\$12,000	\$12,000	
Traffic Control System	1	LS	\$90,000	\$90,000	
<b>Total Traffic Items</b>					<b>\$262,300</b>
<b>SUBTOTAL SECTIONS 1-5</b>					<b>\$2,193,310</b>

**PRELIMINARY PROJECT COST ESTIMATE SUMMARY**  
**S/B Off-ramp to Ventura/Topanga Cyn. Blvd. Alternative 3**

Dist-Co-Rte 07-LA-101  
 KP(PM) PM 24.75 and 25.86  
 EA 22590K  
 Prgm. Code 20-XX-201-310

<u>Section 6 Minor Items</u>	<u>\$2,193,310</u>			
(Subtotal Sections 1-5)				
X			<u>Item Cost</u>	<u>Section Cost</u>
		10.00%	<u>\$219,331</u>	
		(5% - 10%)		
			<u>Total Minor Items</u>	<u>\$219,331</u>
<u>Section 7 Roadway Mobilization</u>	<u>\$2,412,641</u>			
(Subtotal Sections 1-6)				
X		10.00%	<u>\$241,264</u>	
		10%		
			<u>Total Roadway Mobilization</u>	<u>\$241,264</u>
<u>Section 8 Roadway Additions</u> Supplemental Work	<u>\$2,412,641</u>			
(Subtotal Sections 1-6)				
X		10.00%	<u>\$241,264</u>	
		(5% - 10%)		
			<u>Total Roadway Additions</u>	<u>\$844,424</u>
Contingencies	<u>\$2,412,641</u>			
(Subtotal Sections 1-6)				
X		25.00%	<u>\$603,160</u>	
		(%)		
			<u>Total Roadway Additions</u>	<u>\$844,424</u>
			<b>TOTAL ROADWAY ITEMS</b>	<b><u>\$3,498,329</u></b>
			(Total of sections 1-8)	
			<b>USE</b>	<b><u>\$3,500,000</u></b>

Estimate Prepared By	<u>Saleh Kibria</u>	Phone #	<u>213-897-5328</u>	Date	<u>10/06/05</u>
	(Print Name)				
Estimate Checked By	<u>Hassan H Zadeh</u>	Phone #	<u>213-897-4160</u>	Date	<u>10/06/05</u>
	(Print Name)				

**PRELIMINARY PROJECT COST ESTIMATE SUMMARY**  
**S/B Off-ramp to Ventura/Topanga Cyn. Blvd. Alternative 3**

Dist-Co-Rte 07-LA-101  
 KP(PM) PM 24.75 and 25.86  
 EA 22590K  
 Prgm. Code 20-XX-201-310

**II. STRUCTURAL ITEMS**

Bridge Structural Items

	STRUCTURE			
	No. 1	No. 2	No. 3	No. 4
Bridge Name	_____	_____	_____	_____
Width (m)	_____	_____	_____	_____
Span Length (m)	_____	_____	_____	_____
Total Area (m2)	_____	_____	_____	_____
Footing Type (Pile/Spread)	_____	_____	_____	_____
Cost Per square meter (include 10% mobilization and 20% contingency)	_____	_____	_____	_____
Wall Length on Bridge (H=3.6)	_____	_____	_____	_____
Unit price of wall (\$/m)	_____	_____	_____	_____
Cost of the Wall	_____	_____	_____	_____
Total Cost for Structure widening+ Wal	_____	#REF!	#REF!	#REF!

**SUBTOTAL STRUCTURES ITEMS** N/A

Wall Structural Items

	Quantity	Unit	Unit Price	Item Cost
Soundwall on Bridge (H=3.6 m)	_____	_____	_____	_____
Soundwall on Retaining Wall (H=4.3 m)	_____	_____	_____	_____
Retaining Walls (H=2.5 m)	_____	_____	_____	_____
Retaining walls (H=3.0 m)	_____	_____	_____	_____

**SUBTOTAL STRUCTURES ITEMS** N/A

Railroad Related Costs

_____	_____	_____	_____	_____
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**SUBTOTAL RAILROAD ITEMS** N/A

**TOTAL STRUCTURES ITEMS** N/A

COMMENTS

USE N/A

Estimate Prepared By \_\_\_\_\_

Phone # \_\_\_\_\_

Date \_\_\_\_\_

\_\_\_\_\_  
 Print Name

**PRELIMINARY PROJECT COST ESTIMATE SUMMARY**  
**S/B Off-ramp to Ventura/Topanga Cyn. Blvd. Alternative 3**

Dist-Co-Rte 07-LA-101  
 KP(PM) PM 24.75 and 25.86  
 EA 22590K  
 Prgm. Code 20-XX-201-310

III. RIGHT OF WAY

	ESCALATED VALUE
A. Acquisition, including excess lands and damages to remainder(s) (Temporary Const. Easement)	<u>\$234,602</u>
B. Utility Relocation (State share)	<u>                    </u>
C. RAP	<u>                    </u>
D. Clearance/Demolition	<u>                    </u>
E. Title and Escrow Fees	<u>\$7,468</u>
<b>TOTAL RIGHT OF WAY ITEMS</b>	<b><u><u>\$242,070</u></u></b>

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

F. Construction Contract Work

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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:

Estimate Prepared By \_\_\_\_\_ Phone # \_\_\_\_\_ Date \_\_\_\_\_  
 (Print Name)

**ATTACHMENT B**  
**WORK PLAN**

WBS Code	Activity Description	Task Mgr	% Comp	Orig Dur	Ram Dur	Early Start	Early Finish	Late Start	Late Finish	Total Float
<b>22590 LA-101-24.7/25.8:WIDEN RAMPS:RBG</b>										
0.100	PERF PROJ MGMT	RBG	10	2,765*	1,637*	03/27/01A	03/29/12	03/27/01A	03/29/12	0
0.100.05	PROJ MGMT - PID	RBG	100	1,146*	18*	03/27/01A	10/27/05	03/27/01A	10/31/05	2
0.100.10	PROJ MGMT - PA&ED	RBG	0	340*	340*	07/03/06	11/13/07	07/06/06	11/15/07	2
0.100.15	PROJ MGMT - PS&E	RBG	0	676*	676*	11/16/07	07/15/10	01/03/08	07/15/10	0
0.100.20	PROJ MGMT - CONSTR	RBG	0	435*	435*	07/16/10	03/29/12	07/16/10	03/29/12	0
0.100.25	PROJ MGMT - R/W	RBG	0	876*	876*	11/16/07	04/28/11	01/03/08	03/29/12	235
1.150	DEV PROJ INITIATION DOC	-	70	200	18	03/27/01A	10/27/05	03/27/01A	10/31/05	2
2.160	PERF PRELIM ENGRG STUDIES	-	0	80*	80*	07/03/06	10/25/06	07/06/06	10/27/06	2
2.160.05	REV & UPDATE PROJ INFO	-	0	40	40	07/03/06	08/28/06	07/06/06	08/30/06	2
2.160.10	PERF ENGRG STUDIES	-	0	60	60	07/18/06	10/11/06	07/20/06	10/13/06	2
2.160.15	PREP DRAFT PROJ RPT	-	0	40	40	04/07/06	10/25/06	08/31/06	10/27/06	2
2.160.20	PROJ CONTROL	JWW	0	40	40	07/03/08	08/28/08	08/03/06	09/28/06	22
2.165	PERF ENVIRO STUDIES &	-	0	80*	80*	07/03/06	10/25/06	07/06/06	10/27/06	2
2.165.05	PERF ENVIRO SCOPING &	-	0	20	20	07/03/06	07/31/06	07/08/06	08/02/06	2
2.165.10	PERF GENERAL ENVIRO	-	0	20	20	07/03/06	07/31/06	07/08/06	08/02/06	2
2.165.15	PERF BIOLOGICAL STUDIES	-	0	20	20	07/03/06	07/31/06	07/08/06	08/02/06	2
2.165.20	PERF CULT RESOURCES	GMI	0	20	20	07/03/06	07/31/06	07/08/06	08/02/06	2
2.165.25	PREP & APPROVE DED	-	0	20	20	07/03/06	10/25/06	09/29/06	10/27/06	2
2.175	CIRCULATE DED & SELECT	-	0	60*	60*	10/26/06	01/25/07	10/30/06	01/29/07	2
2.175.05	CIRCULATE DED	-	0	54	54	10/26/06	01/16/07	10/30/06	01/18/07	2
2.175.10	PREP FOR & HOLD PUBLIC	-	0	54	54	10/26/06	01/16/07	10/30/06	01/18/07	2
2.175.15	RESPD TO PUBLIC COMMENTS	-	0	24	24	12/12/06	01/16/07	12/14/06	01/18/07	2
2.175.20	PROJECT PREFERRED	-	0	6	6	01/17/07	01/25/07	01/19/07	01/29/07	2
2.180	PREP & APPROVE PROJ RPT &	-	0	200*	200*	01/26/07	11/13/07	01/30/07	11/15/07	2
2.180.05	PREP & APPROVE PROJ RPT	-	0	200	200	01/26/07	11/13/07	01/30/07	11/15/07	2
2.180.10	PREP & APPROVE FNL ENVIRO	-	0	200	200	01/28/07	11/13/07	01/30/07	11/15/07	2
2.180.15	COMPLETE ENVIRO	N/A	0	200	200	10/03/05	07/25/06	06/17/11	03/29/12	1,437
2.205	OBT PERMITS/AGREMENTS &	-	0	160	160	10/26/06	06/20/07	11/12/08	06/29/09	512
3.185	PREP BASE MAPS & PLAN	-	0	90*	90*	11/16/07	03/27/08	01/03/08	05/09/08	30
3.185.05	REV & UPDATE PROJ INFO	-	0	5	5	11/16/07	11/26/07	01/03/08	01/09/08	30
3.185.10	PERF DSGN SURVEYS &	-	0	90	90	11/16/07	03/27/08	01/03/08	05/09/08	30
3.185.15	PERF PRELIM DSGN	-	0	85	85	11/27/07	03/27/08	01/10/08	05/09/08	30
3.185.20	PREP ENGRG RPTS	-	0	85	85	11/27/07	03/27/08	01/10/08	05/09/08	30
3.185.25	DETER R/W REQS	-	0	42	42	01/29/08	03/27/08	03/12/08	05/09/08	30
3.190	PREP STRUC SITE PLANS	-	0	1	1	03/28/08	03/28/08	02/17/09	02/17/09	226
3.210	PREP PRELIM STRUC DSGN	-	0	1	1	04/01/08	04/01/08	02/18/09	02/18/09	226
3.215	PREP STRUC GENERAL PLANS	-	0	1	1	04/02/08	04/02/08	02/18/09	02/19/09	226
3.230	PREP DRAFT PS&E	DTH	0	200	200	03/28/08	01/08/09	05/12/08	02/20/09	30
3.235	MITIGATE ENVIRO IMPACTS &	-	0	200	200	03/28/08	01/08/09	06/17/11	03/29/12	821
3.240	PREP DRAFT STRUC PS&E	-	0	1	1	04/03/08	04/03/08	02/20/09	02/20/09	226
3.250	PREP FNL STRUC PS&E PKG	-	0	1	1	01/09/09	01/09/09	06/29/09	06/29/09	119
3.255	CIRCULATE/REV & PREP FNL	-	0	50	50	01/09/09	03/20/09	04/21/09	06/29/09	70
3.260	PREP CONTRACT DOCS	-	0	140	140	05/19/09	12/02/09	06/30/09	01/15/10	30
3.265	ADVERTISE/OPEN	-	0	126	126	01/18/10	07/15/10	01/18/10	07/15/10	0
4.195	R/W PROP MGMT & EXCESS	-	0	1	1	03/28/08	03/28/08	03/29/12	03/29/12	1,020
4.200	COORDINATE UTIL	-	0	400	400	10/03/05	05/16/07	09/03/10	03/29/12	1,237
4.220	PERF R/W ENGRG	-	0	75	75	03/28/08	07/14/08	03/03/11	08/16/11	746
4.225	OBT R/W INTERESTS FOR	DEM	0	180	180	03/28/08	12/09/08	04/21/09	12/31/08	270
4.245	POST R/W CERTIFICATION	-	0	1	1	12/10/08	12/10/08	03/29/12	03/29/12	840

Start Date	01/01/80	MODL - OF00	Sheet 1 of 2
Finish Date	03/29/12		
Data Date	10/01/05		
Run Date	10/13/05 13:29		
		EA: 22590	
		LA-101-24.7/25.8	
		Widen Ramps	
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WBS Code	Activity Description	Task Mgr	% Comp	Orig Dur	Rem Dur	Early Start	Early Finish	Late Start	Late Finish	Total Float
4.300	PERF FNL RW ENGRG	-	0	200	200	07/16/10	04/28/11	06/17/11	03/29/12	235
5.270	PERF CONSTR ENGRG &	DN	0	240*	240*	07/16/10	06/23/11	07/16/10	06/23/11	0
5.270.15	PERF CONSTR STAKING	DN	0	204	204	08/13/10	06/01/11	08/13/10	06/01/11	0
5.270.20	PERF CONSTR ENGRG WORK	DN	0	224	224	07/16/10	06/01/11	07/16/10	06/01/11	0
5.270.25	PERF CONSTR CONTRACT	DN	0	224	224	07/16/10	06/01/11	07/16/10	06/01/11	0
5.270.30	INSPECT CONTRACT ITEM	DN	0	224	224	07/16/10	06/01/11	07/16/10	06/01/11	0
5.270.35	SAMPLE & TEST CONSTR	DN	0	224	224	07/16/10	06/01/11	07/16/10	06/01/11	0
5.270.40	PERF SAFETY & MAINT REVS	DN	0	10	10	06/02/11	06/15/11	06/02/11	06/15/11	0
5.270.45	PROCESS RELIEF FROM	DN	0	1	1	06/16/11	06/16/11	06/16/11	06/16/11	0
5.270.50	PREP CERT OF COMPL	DN	0	1	1	06/16/11	06/16/11	06/16/11	06/16/11	0
5.270.55	PERF FNL INSPECTION &	DN	0	5	5	06/17/11	06/23/11	06/17/11	06/23/11	0
5.270.80	ADMINISTER PLANT	DN	0	120	120	01/05/11	06/23/11	01/05/11	06/23/11	0
5.270.65	VERIFY IMPLEMENT TMP	DN	0	224	224	07/16/10	06/01/11	07/16/10	06/01/11	0
5.285	PREP & ADMINISTER	DN	0	435*	435*	07/16/10	03/29/12	07/16/10	03/29/12	0
5.290	RESOLVE CONTRACT CLAIMS	-	0	435*	435*	07/16/10	03/29/12	07/16/10	03/29/12	0
5.295	ACPT CONTRACT/PREP FNL	DN	0	180	180	07/18/11	03/29/12	07/18/11	03/29/12	0
M000	ID NEED	-	100	0	0		03/27/01A		03/27/01A	
M010	APPROVE PID	-	0	0	0		10/27/05		10/31/05	2
M015	PROG PROJ	-	0	0	0		10/27/05		10/31/05	2
M020	BEGIN ENVIRO	-	0	0	0		10/27/05		10/31/05	2
M040	BEGIN PROJ	-	0	0	0		10/27/05		10/31/05	2
M120	CIRC DED	-	0	0	0		10/25/06		10/27/06	2
M200	PA&ED	-	0	0	0		11/15/07*		11/15/07*	0
M221	BRIDGE SITE DATA ACCEPTED	-	0	0	0		03/28/08		02/17/09	226
M222	BEGIN BRIDGE	-	0	0	0		04/01/08		02/18/09	226
M224	R/W MAPS	-	0	0	0		09/30/05		05/09/08	646
M225	REGULAR R/W	-	0	0	0		09/30/05		04/20/09	886
M275	GENERAL PLANS	-	0	0	0		04/02/08		02/19/09	226
M300	CIRC PLANS IN DIST	-	0	0	0		01/08/09		02/20/09	30
M318-D7	DESIGN SAFETY REVIEW	-	0	0	0		02/05/09		03/20/09	30
M328-D7	CONSTRUCTABILITY REVIEW	-	0	0	0		02/05/09		03/20/09	30
M377	PS&E TO DOE	-	0	0	0		03/06/09		04/20/09	30
M378	DRAFT STRUC PS&E	-	0	0	0		04/03/08		02/20/09	226
M380	PROJ PS&E	GLF	0	0	0		05/18/09		06/29/09	30
M410	R/W CERT	-	0	0	0		12/09/08		12/31/09	270
M460	RTL	-	0	0	0		01/15/10*		01/15/10*	0
M480	HQ ADVERT	-	0	0	0		01/15/10		01/15/10	0
M500	APPROVE CONTRACT	-	0	0	0		07/15/10		07/15/10	0
M588-D7	FINAL SAFETY REVIEW	-	0	0	0		06/23/11		06/23/11	0
M600	CONTRACT ACCEPT	-	0	0	0		07/15/11		07/15/11	0
M700	FINAL REPORT	-	0	0	0		03/29/12		03/29/12	0
M800	END PROJ	-	0	0	0		03/29/12		03/29/12	0