

**DRAFT PROJECT REPORT  
COST ESTIMATE**

District-County-Route	<u>05-SLO-101</u>
KP(PM)	<u>25.91</u>
EA	<u>0H7300</u>
Program Code	<u>                    </u>

**PROJECT DESCRIPTION:** ALTERNATIVE 3 - Improve Capacity of the US-101 / Los Osos Valley Road Interchange

**Limits:** Los Osos Valley Road from South Higuera Street to Auto Park Way  
US-101 from 1500 feet south of the overcrossing to 1000 feet north of the overcrossing

**Proposed Improvement (Scope):**

- Widen Los Osos Valley Road over SLO Creek and US-101 to 4 lanes
- Widen the existing San Luis Obispo Creek Bridge
- Construct sidewalks and combined shoulder/bike lane on LOVR
- Construct a separate US-101 Overcrossing to carry 2 EB lanes
- Raise the intersection of LOVR and the SBND Ramps
- Improve capacity of Prefumo and SLO Creeks through the project limits
- Landscaping, Striping and Signal Modifications

**Alternate:** Alternative 3 retains the current configuration of the southbound off-ramps

**SUMMARY OF PROJECT COST ESTIMATE**

TOTAL ROADWAY ITEMS	\$	<u>\$9,100,000</u>
TOTAL STRUCTURE ITEMS	\$	<u>\$5,700,000</u>
SUBTOTAL CONSTRUCTION COSTS	\$	<u>\$14,800,000</u>
TOTAL RIGHT OF WAY ITEMS	\$	<u>\$1,200,000</u>
TOTAL PROJECT CAPITAL OUTLAY COSTS	\$	<u>\$16,000,000</u>

Reviewed by Deputy Public Works Director  
City of San Luis Obispo

*[Handwritten Signature]*  
\_\_\_\_\_  
Signature

**PLEASE  
SIGN HERE**

Reviewed by Project Manager  
Dokken Engineering

*[Handwritten Signature]*  
\_\_\_\_\_  
Signature

Approved by Project Engineer  
Dokken Engineering

*[Handwritten Signature]*  
\_\_\_\_\_  
Signature

Phone No. (916) 858-0642 Date January 25, 2007

District-County-Route 05-SLO-101  
 KP(PM) 25.91  
 EA 0H7300  
 Program Code 0

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	6,000	CY	\$35.00	\$210,000	
Imported Borrow	15,000	CY	\$35.00	\$525,000	
Clearing & Grubbing	1	LS	\$30,000.00	\$30,000	
Develop Water Supply	1	LS	\$5,000.00	\$5,000	
Obliterate Roadway	12,101	SQYD	\$5.00	\$60,505	
Subtotal Earthwork					<u>\$830,505</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>
PCC Sidewalk	20,100	SQFT	\$7.00	\$140,700	
PCC Curb&Gutter (A2-8)	3,350	FT	\$20.00	\$67,000	
PCC Median Curb (A1-8)	2,850	FT	\$20.00	\$57,000	
Asphalt Concrete	7,800	TON	\$90.00	\$702,000	
Cement-Treated Base					
Aggregate Base	5,100	CY	\$65.00	\$331,500	
Treated Permeable Base					
Aggregate Subbase	4,400	CY	\$45.00	\$198,000	
Overlay AC Surfacing	920	TON	\$90.00	\$82,800	
Subtotal Pavement Structural Section					<u>\$1,579,000</u>

<u>Section 3 Drainage</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Item Cost</u>	<u>Section Cost</u>
Remove Drainage Facilities	1	LS	\$30,000.00	\$30,000	
Remove RSP	1	LS	\$13,000.00	\$13,000	
Rock Slope Protection	1	LS	\$60,000.00	\$60,000	
SBND On ramp RCP	3,000	SF	\$100.00	\$300,000	
Project Drainage	1	LS	\$150,000.00	\$150,000	
Jacked RCP, 84"	360	LF	\$2,200.00	\$792,000	
Prefumo Box Culvert - SBND Off	700	SF	\$230.00	\$161,000	
Channel Sediment Removal	4,600	CY	\$25.00	\$115,000	
Subtotal Drainage					<u>\$1,621,000</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.



KP(PM) 25.91  
 EA 0H7300  
 Program Code 0

Section 6 Minor Items

Subtotal Sections 1-5 \$6,000,000 x 5% \$300,000  
**TOTAL MINOR ITEMS** \$300,000

Section 7 Roadway Mobilization

Subtotal Sections 1-5 \$6,000,000  
 Minor Items \$300,000  
 Sum \$6,300,000 x 10% \$630,000  
**TOTAL ROADWAY MOBILIZATION** \$630,000

Section 8 Road Additions

Supplemental  
 Subtotal Sections 1-5 \$6,000,000  
 Minor Items \$300,000  
 Sum \$6,300,000 x 10% \$630,000

Contingencies \*  
 Subtotal Sections 1-5 \$6,000,000  
 Minor Items \$300,000  
 Sum \$6,300,000 x 25% \$1,575,000

**TOTAL ROADWAY ADDITIONS** \$2,205,000

**TOTAL ROADWAY ITEMS** \$9,100,000

(Total of Sections 1-8)

ESTIMATE PREPARED BY  
 DOKKEN ENGINEERING

Matthew Griggs PHONE # (916) 858-0642 DATE January 25, 2007  
 (Print Name)

District-County-Route 05-SLO-101

KP(PM) 25.91

EA 0H7300

Program Code 0

II. STRUCTURES ITEMS

Bridge Name	<u>LOVR OC (LEFT)</u>	<u>SLO Creek (Widen)</u>	<u>LOVR</u>	<u>Ramps</u>
Structure Type	<u>CIP/PS Box</u>	<u>Plate Arch</u>	<u>Ret. Walls</u>	<u>Ret. Walls</u>
Width (out to out) - (FT)	<u>40.4</u>	<u>34</u>	<u>8</u>	<u>6</u>
Length - (FT)	<u>365</u>	<u>113</u>	<u>800</u>	<u>900</u>
Total Area - (SQFT)	<u>14,753.0</u>	<u>3,842.0</u>	<u>6,400</u>	<u>5,400</u>
Footing Type (pile/spread)	<u>Pile Ftg</u>	<u>Spread</u>		
Cost Per FT^2 (incl. 10% mobilization and 25% contingency)	<u>\$230.00</u>	<u>\$250.00</u>	<u>\$110.00</u>	<u>\$110.00</u>
Total Cost for Structure	<u>\$3,393,190</u>	<u>\$960,500</u>	<u>\$704,000</u>	<u>\$594,000</u>

**SUBTOTAL STRUCTURES ITEMS** \$5,651,690

Related Costs: LOVR OC (bridge removal, portion) \$0  
SLO Creek (bridge removal, portion) \$50,000

**SUBTOTAL RELATED COST ITEMS** \$50,000

**TOTAL STRUCTURES ITEMS** \$5,700,000

COMMENTS:

For SBND Off Ramp Box Culvert, refer to Section 3 Drainage

ESTIMATE PREPARED BY  
DOKKEN ENGINEERING

Matthew Griggs  
(Print Name)

PHONE # (916) 858-0642

DATE January 25, 2007

District-County-Route	<u>05-SLO-101</u>
KP(PM)	<u>25.91</u>
EA	<u>0H7300</u>
Program Code	<u>0</u>

III. RIGHT OF WAY

Acquisition, including excess lands and damages to remainder	<u>\$1,100,000</u>
Utility Relocation (Project share)	<u>\$30,500</u>
Clearance/Demolition	<u>\$0</u>
RAP (Relocation Assistance Program)	<u>\$40,000</u>
Title and Escrow Fees	<u>\$5,000</u>
<b>TOTAL RIGHT OF WAY</b>	<u><b>\$1,175,500</b></u>
<b>CONSTRUCTION CONTRACT WORK</b>	<u><b>\$25,000</b></u>

COMMENTS

ESTIMATE PREPARED BY  
DOKKEN ENGINEERING Matthew Griggs PHONE # (916) 858-0642 DATE January 25, 2007  
(Print Name)

(If appropriate, attach additional pages and backup.)