

**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 6 - 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 2000 feet south of the overcrossing to 1300 feet north of the overcrossing
Minor Section of Calle Joaquin at the southbound on/off ramp intersection

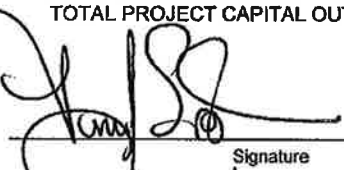
Proposed Improvement (Scope): Widen Los Osos Valley Road over SLO Creek and US-101
Replace the existing Los Osos Valley Road Overcrossing
Extend and modify the profile of the SLO Creek triple arch culvert bridge
Relocate the SBND Off-Ramps to intersect Calle Joaquin and install a signal
Construct sidewalks, and combined shoulder/bike lane on LOVR
improve the profile of LOVR and obliterate the existing SBND Ramp Intersection
Construction of a new NBND diagonal On-Ramp and improvements to other NBND Ramps
Construct additional hydraulic capacity for Prefumo Creek at US-101& the SBND Ramp

Alternate: Alternative 6 is a major reconstruction of the Interchange to improve all deficiencies
This estimate does not include construction of an Auxillary Lane from Prado Road
This estimate includes the NBND diagonal on-ramp which could be added later as a phased improvement

SUMMARY OF PROJECT COST ESTIMATE

TOTAL ROADWAY ITEMS	\$	<u>\$10,400,000</u>
TOTAL STRUCTURE ITEMS	\$	<u>\$11,690,000</u>
SUBTOTAL CONSTRUCTION COSTS	\$	<u>\$22,090,000</u>
TOTAL RIGHT OF WAY ITEMS	\$	<u>\$1,400,000</u>
TOTAL PROJECT CAPITAL OUTLAY COSTS	\$	<u>\$23,490,000</u>

Reviewed by Deputy Public Works Director
City of San Luis Obispo



Signature



Reviewed by Project Manager
Dokken Engineering



Signature

Approved by Project Engineer
Dokken Engineering



Signature

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

PM	<u>25.91</u>
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Section 6 Minor Items

Subtotal Sections 1-5	<u>\$6,800,000</u>	x	5%	<u>\$340,000</u>
				<u>TOTAL MINOR ITEMS</u>
				<u>\$340,000</u>

Section 7 Roadway Mobilization

Subtotal Sections 1-5	<u>\$6,800,000</u>			
Minor Items	<u>\$340,000</u>			
Sum	<u>\$7,140,000</u>	x	10%	<u>\$714,000</u>
				<u>TOTAL ROADWAY MOBILIZATION</u>
				<u>\$714,000</u>

Section 8 Road Additions

Supplemental

Subtotal Sections 1-5	<u>\$6,800,000</u>			
Minor Items	<u>\$340,000</u>			
Sum	<u>\$7,140,000</u>	x	10%	<u>\$714,000</u>

Contingencies *

Subtotal Sections 1-5	<u>\$6,800,000</u>			
Minor Items	<u>\$340,000</u>			
Sum	<u>\$7,140,000</u>	x	25%	<u>\$1,785,000</u>

<u>TOTAL ROADWAY ADDITIONS</u>	<u>\$2,499,000</u>
<u>TOTAL ROADWAY ITEMS</u>	<u>\$10,400,000</u>
(Total of Sections 1-8)	

ESTIMATE PREPARED BY
DOKKEN ENGINEERING Matthew Griggs PHONE # (000) 000-0000 DATE January 25, 2007
(Print Name)

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II. STRUCTURES ITEMS

Bridge Name	<u>LOVR OC (Replace)</u>	<u>SLO Creek (Widen)</u>	<u>NBND On-Ramp</u>	<u>Retaining</u>
Structure Type	<u>CIP P/S Box</u>	<u>Arch Culvert</u>	<u>CIP P/S Box</u>	<u>Walls (4)</u>
Width (out to out) - (FT)	<u>88</u>	<u>54</u>	<u>32</u>	<u></u>
Length - (FT)	<u>458</u>	<u>113</u>	<u>160</u>	<u></u>
Total Area - (FT^2)	<u>40,304</u>	<u>6,102.0</u>	<u>5,120</u>	<u>6,000</u>
Footing Type (pile/spread)	<u>Pile Ftg</u>	<u>Spread</u>	<u>Pile Ftg</u>	<u></u>
Cost Per SQFT				
(incl. 10% mobilization and 25% contingency)	<u>\$200.00</u>	<u>\$250.00</u>	<u>\$200.00</u>	<u>\$120.00</u>
Total Cost for Structure	<u>\$8,060,800</u>	<u>\$1,525,500</u>	<u>\$1,024,000</u>	<u>\$720,000</u>

SUBTOTAL STRUCTURES ITEMS \$11,330,300

Related Costs:	<u>Demolition of existing LOVR OC</u>	<u>\$300,000</u>
	<u>SLO Creek (bridge removal, portion)</u>	<u>\$60,000</u>
	<u></u>	<u>\$0</u>
	SUBTOTAL RELATED COST ITEMS	<u>\$360,000</u>

TOTAL STRUCTURES ITEMS \$11,690,000

COMMENTS:

For Drainage Structures refer to Section 3 Drainage
 Deletion of the NBND Diagonal On-Ramp would reduce the total project cost by \$1.8 million.
 AC Overlay included on LOVR to S. Higuera

ESTIMATE PREPARED BY
 DOKKEN ENGINEERING

Matthew Griggs
 (Print Name)

PHONE # (000) 000-0000

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III. RIGHT OF WAY

Acquisition, including excess lands and damages to remainder	<u>\$1,300,000</u>
Utility Relocation (Project share)	<u>\$44,000</u>
Clearance/Demolition	<u>\$0</u>
RAP (Relocation Assistance Program)	<u>\$41,000</u>
Title and Escrow Fees	<u>\$5,000</u>

TOTAL RIGHT OF WAY \$1,390,000

CONSTRUCTION CONTRACT WORK \$25,000

COMMENTS

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

(If appropriate, attach additional pages and backup.)