

**PR COST ESTIMATE
I-80 Express Lanes (West and East Segment)**

District-County -Route 04-Sol-80
 PM: R10.4/30.2
 EA: 04-4G0800
 Program Code: 412000332

Project Description:

Limits: I-80 Express Lanes - Red Top Road to I-505

Proposed Improvements: West Segment - Convert the existing HOV lanes to Express lanes, install tolling equipments in the median, and retrofit CHP observation areas. Existing mainline and ramp lanes configuration will be maintained.

East Segment - Proposed median and outside widening of I-80, placement of median barrier, retaining walls, structure modifications, continuous ingrees/egress striping and CHP observation areas.

SUMMARY OF PROJECT COST ESTIMATE

	CURRENT VALUE ¹	ESCALATED ²	ROUNDED
ROADWAY IMPROVMENTS			
ROADWAY ITEMS	\$95,129,000	\$100,922,361	\$101,000,000
STRUCTURE ITEMS	\$6,073,000	\$6,443,000	\$6,500,000
<i>SUBTOTAL CONSTRUCTION COST</i>	<i>\$101,202,000</i>	<i>\$107,365,361</i>	<i>\$107,500,000</i>
RIGHT OF WAY ITEMS	\$1,230,000	\$1,421,000 ³	\$1,500,000
<i>SUBTOTAL CONSTRUCTION PHASE</i>	<i>\$102,432,000</i>	<i>\$108,786,361</i>	<i>\$109,000,000</i>
CAPITAL OUTLAY SUPPORT			
ENGINEERING	\$18,100,000 ⁵	\$18,100,000 [*]	\$18,100,000
RIGHT OF WAY SUPPORT	\$725,000	\$725,000 [*]	\$800,000
CONSTRUCTION SUPPORT (15% of Civil Construction Cost)	\$16,100,000 ⁵	\$16,100,000 [*]	\$16,100,000
OPERATION & MAINTANENCE (1-Year)	TBD	TBD	TBD
<i>SUBTOTAL CAPITAL OUTLAY SUPPORT</i>	<i>\$34,925,000</i>	<i>\$34,925,000[*]</i>	<i>\$35,000,000</i>
TOTAL CAPITAL OUTLAY COSTS	\$137,357,000	\$143,711,361	\$144,000,000
UTILITY SERVICE (POWER & COMMUNICATION)	\$1,312,000	\$1,441,704	\$1,500,000
TOLL SYSTEM CONSTRUCTION	\$19,538,119 ⁴	\$20,992,516	\$21,100,000
TOTAL PROJECT COSTS	\$158,207,119	\$166,145,581	\$166,600,000

- ¹ CURRENT VALUE REFLECTS 2015 DOLLARS
- ² COSTS ARE ESCALATED TO 2017 DOLLARS AT 3%/YEAR
- ³ ROW COST IS ESCALATED TO 2017 DOLLARS AT 5%/YEAR
- ⁴ COST BY BAIFA COST INCLUDED 15% CONTINGENCY FOR WEST SEGMENT AND 30% CONTINGENCY FOR EAST SEGMENT
- ⁵ COSTS DO NOT INCLUDE TOLL SYSTEM CONSTRUCTION COSTS
- ^{*} SUPPORT COSTS ARE NOT ESCALATED

Reviewed by Adrian T 5/15/2015
 District Program Manager (Signature) (Date)

Approved by Michelle R 5/19/2015
 (Signature) (Date)

 (Phone)