



Memorandum

*To: Gary Valentine
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*From: Tim Sorenson, PE
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Date: March 24, 2012

Subject: Additional Toll Sensitivity Testing for SEIS

As part of our on-going support of the LSIORB Project, we were asked to test an additional toll scenario using the LSIORB TOD Model and the methods supported in the SEIS. The work undertaken during the SEIS was based on toll rates of \$1.50 for passenger cars, \$3.00 for smaller trucks and \$6.00 for large trucks (i.e., SEIS baseline toll rate). Additionally the SEIS analysis included an evaluation of traffic at the river crossing at a lower toll rate (\$1/\$2/\$4) and higher rate (\$2/\$4/\$8). This is summarized in Table 8.1 of the *Traffic Forecasting Report*. The additional scenario (i.e., commuter toll rate) that was tested included toll rates of \$1.00 for commuters, \$2.00 for all other passenger cars, \$5.00 for small trucks and \$10.00 for larger trucks. The traffic volumes crossing the river are included with the other three scenarios in the table on the following page. This analysis shows that the volumes on the study area bridges fall within the sensitivity testing provided in the SEIS analysis.

	Modified Selected Alternative			
	Daily Traffic			
Bridge Crossing	Low Toll Rate (\$1/\$2/\$4)	SEIS Baseline Toll Rate (\$1.50/\$3/\$6)	Commuter Toll Rate (\$1/\$2/\$5/\$10)	High Toll Rate (\$2/\$4/\$8)
I-64 EB	58,500	61,900	63,900	64,800
I-64 WB	57,600	61,000	62,800	63,400
US 31	33,600	35,200	36,000	37,100
I-65 SB	55,800	51,400	48,800	47,200
I-65 NB	55,700	51,100	49,200	47,800
East End SB	25,600	25,000	24,900	24,200
East End NB	25,600	24,800	24,600	23,800
Subtotal Non-tolled	149,700	158,100	162,700	165,300
Subtotal Tolled	162,700	152,300	147,500	143,000
Total	312,400	310,400	310,200	308,300

Source: LSIORB TOD Model (rounded)