

APPENDIX J

Detail – Capital Cost Estimates, Screening of Alternatives, Parsons Brinckerhoff, Inc., May 2002

I-710 Major Corridor Study Screening Alternative Cost Estimates

	Cost to Construct	Right-of-Way Cost	Total Cost	Miles	Total Cost per Mile	Right-of-Way Cost per Square Foot	Percentage Greater/Less Than Average
Alternative 3 -- Low General Purpose	\$671,400,000	\$17,700,000	\$689,100,000	19.5	\$35,338,461.54	\$29.25	10.16%
Alternative 4 -- Low Truck	\$409,200,000	\$88,800,000	\$498,000,000	19.5	\$25,538,461.54	\$22.77	-14.26%
Alternative 5 -- Medium HOV	\$953,500,000	\$140,900,000	\$1,094,400,000	18.8	\$58,212,765.96	\$27.76	4.53%
Alternative 6 -- Medium General Purpose	\$991,400,000	\$176,900,000	\$1,168,300,000	17.4	\$67,143,678.16	\$26.88	1.21%
Alternative 7 -- Medium Truck	\$1,231,900,000	\$431,600,000	\$1,663,500,000	19.5	\$85,307,692.31	\$29.27	10.21%
Alternative 8 -- High General Purpose	\$1,388,900,000	\$306,900,000	\$1,695,800,000	20.4	\$83,127,450.98	\$26.34	-0.83%
Alternative 9 -- High Truck	\$1,907,000,000	\$259,200,000	\$2,166,200,000	17.4	\$124,494,252.87	\$23.72	-10.70%
Alternative 10 -- High Goods Movement	\$2,690,200,000	\$375,400,000	\$3,065,600,000	22.3	\$137,470,852.02	\$25.83	-2.73%
Alternative 11 -- High HOV	\$2,414,800,000	\$244,200,000	\$2,659,000,000	18.8	\$141,436,170.21	\$25.16	-5.27%
Alternative 12 -- High Rail	\$3,387,500,000	\$154,400,000	\$3,541,900,000	23.7	\$149,447,257.38	\$28.59	7.67%
						\$2.24 Standard Deviation	
						\$26.56 Average	

Preliminary Results: May 22, 2002