

Green Boulevard Extension Corridor Study



IMPACT EVALUATION MATRIX

Evaluation Factors	Alternative 1	Alternative 2	Alternative 3
Length (ft)	10,612	10,653	10,679
Relocations (Roadway)	6	4	3
Relocations (West Pond / East Pond)	24 / 0	24 / 0	24 / 0
Number of Impacted Parcels	58	69	71
Total Area of ROW Required (ac)	19.11	19.58	18.98
Wetland and Surface Water Impact (ac)	0.17	0.14	0.15
Stratford Place Conservation Easement (ac)	0	0	0
Construction Costs (2005 Dollars)			
Roadway	\$7,105,228	\$7,067,832	\$7,142,624
Structure	\$8,797,950	\$7,720,650	\$8,169,630
Retaining Wall & Embankment	\$1,264,140	\$1,361,574	\$1,319,692
Stormwater Management Facilities	\$1,179,709	\$1,179,709	\$1,179,709
Signals	\$268,889	\$268,889	\$268,889
Subtotal	\$18,615,916	\$17,598,654	\$18,080,544
MOT (15%)	\$2,792,387	\$2,639,798	\$2,712,082
Subtotal	\$21,408,303	\$20,238,452	\$20,792,626
Mobilization (10%)	\$2,140,830	\$2,023,845	\$2,079,263
Subtotal	\$23,549,133	\$22,262,297	\$22,871,889
Contingency (25%)	\$5,887,283	\$5,565,574	\$5,717,972
Total Construction Cost	\$29,436,416	\$27,827,871	\$28,589,861
Design (15%)	\$4,415,462	\$4,174,181	\$4,288,479
Construction Engineering & Inspection (15%)	\$4,415,462	\$4,174,181	\$4,288,479
Right-of-Way Costs (2005 Dollars)			
Roadway	\$12,719,600	\$8,814,000	\$7,494,900
West Pond	\$2,978,900	\$2,978,900	\$2,978,900
East Pond	\$0	\$0	\$0
Total Right-of-Way Cost	\$15,698,500	\$11,792,900	\$10,473,800
TOTAL	\$53,965,840	\$47,969,133	\$47,640,619

* These estimates are preliminary in nature and are subject to adjustment as the project progresses.