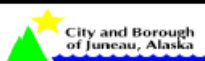


Appendix C: North Douglas Crossing Preliminary Cost Estimates

NORTH DOUGLAS CROSSING	
PRELIMINARY COST ESTIMATE ALIGNMENT AND ESTIMATED PROJECT COST SUMMARY	
ALIGNMENT DETAILS	ESTIMATED PROJECT COST RANGE (2007)
VANDERBILT HILL ROAD CORRIDOR	
EMBANKMENT ROADWAY with FIXED SPAN BRIDGE Total Length = 4200 Feet Footprint = 8.3 Acres	\$52,400,000 to \$64,000,000
EMBANKMENT ROADWAY with MOVABLE SPAN BRIDGE Total Length = 4200 Feet Footprint = 11.0 Acres	\$65,000,000 to \$80,500,000
STRUCTURE ROADWAY with FIXED SPAN BRIDGE Total Length = 4200 Feet Footprint = 0.5 Acres	\$105,100,000 to \$118,300,000
STRUCTURE ROADWAY with MOVABLE SPAN BRIDGE Total Length = 4200 Feet Footprint = 0.5 Acres	\$131,100,000 to \$147,700,000
VANDERBILT HILL ROAD CORRIDOR B	
EMBANKMENT ROADWAY with FIXED SPAN BRIDGE Total Length = 4000 Feet Footprint = 8.2 Acres	\$51,800,000 to \$63,600,000
EMBANKMENT ROADWAY with MOVABLE SPAN BRIDGE Total Length = 4000 Feet Footprint = 9.7 Acres	\$63,700,000 to \$77,400,000
STRUCTURE ROADWAY with FIXED SPAN BRIDGE Total Length = 4000 Feet Footprint = 0.3 Acres	\$104,700,000 to \$117,800,000
STRUCTURE ROADWAY with MOVABLE SPAN BRIDGE Total Length = 4000 Feet Footprint = 0.3 Acres	\$130,700,000 to \$147,100,000
SUNNY POINT CORRIDOR	
EMBANKMENT ROADWAY with FIXED SPAN BRIDGE Total Length = 7200 Feet Footprint = 14.9 Acres	\$61,800,000 to \$76,600,000
EMBANKMENT ROADWAY with MOVABLE SPAN BRIDGE Total Length = 7200 Feet Footprint = 18.5 Acres	\$74,900,000 to \$94,000,000
STRUCTURE ROADWAY with FIXED SPAN BRIDGE Total Length = 7200 Feet Footprint = 3.9 Acres	\$137,400,000 to \$155,400,000
STRUCTURE ROADWAY with MOVABLE SPAN BRIDGE Total Length = 7200 Feet Footprint = 4.4 Acres	\$163,600,000 to \$184,800,000
NOTE: The low end of the cost range represents the borrow/embankment material source for the North Douglas Crossing project provided by the DOT Gastineau Channel Dredging project. It also reflects reduced contingencies for construction. Costs associated with upgrading the intersection at Egan Drive are not included in these estimates.	
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NORTH DOUGLAS CROSSING	
PRELIMINARY COST ESTIMATE	
ALIGNMENT AND ESTIMATED PROJECT COST SUMMARY	
ALIGNMENT DETAILS	ESTIMATED PROJECT COST RANGE (2007)
YANDUKIN DRIVE CORRIDOR A	
EMBANKMENT ROADWAY with FIXED SPAN BRIDGE Total Length = 7650 Feet Footprint = 15.8 Acres	\$68,400,000 to \$84,700,000
EMBANKMENT ROADWAY with MOVABLE SPAN BRIDGE Total Length = 7650 Feet Footprint = 18.4 Acres	\$75,600,000 to \$93,900,000
STRUCTURE ROADWAY with FIXED SPAN BRIDGE Total Length = 7650 Feet Footprint = 1.8 Acres	\$170,100,000 to \$191,800,000
STRUCTURE ROADWAY with MOVABLE SPAN BRIDGE Total Length = 7650 Feet Footprint = 1.8 Acres	\$197,300,000 to \$222,400,000
YANDUKIN DRIVE CORRIDOR B	
EMBANKMENT ROADWAY with FIXED SPAN BRIDGE and TUNNEL Total Length = 7000 Feet Footprint = 8.1 Acres	\$176,800,000 to \$201,200,000
EMBANKMENT ROADWAY with MOVABLE SPAN BRIDGE and TUNNEL Total Length = 7000 Feet Footprint = 13.7 Acres	\$172,600,000 to \$201,000,000
STRUCTURE ROADWAY with FIXED SPAN BRIDGE and TUNNEL Total Length = 7000 Feet Footprint = 1.0 Acres	\$204,400,000 to \$230,600,000
STRUCTURE ROADWAY with MOVABLE SPAN BRIDGE and TUNNEL Total Length = 7000 Feet Footprint = 1.0 Acres	\$226,100,000 to \$255,100,000
YANDUKIN DRIVE CORRIDOR C	
EMBANKMENT ROADWAY with FIXED SPAN BRIDGE Total Length = 9750 Feet Footprint = 20.1 Acres	\$87,200,000 to \$108,000,000
EMBANKMENT ROADWAY with MOVABLE SPAN BRIDGE Total Length = 9750 Feet Footprint = 23.5 Acres	\$96,400,000 to \$119,700,000
STRUCTURE ROADWAY with FIXED SPAN BRIDGE Total Length = 9750 Feet Footprint = 1.0 Acres	\$216,800,000 to \$244,500,000
STRUCTURE ROADWAY with MOVABLE SPAN BRIDGE Total Length = 9750 Feet Footprint = 1.0 Acres	\$251,500,000 to \$283,500,000
NOTE: The low end of the cost range represents the borrow/embankment material source for the North Douglas Crossing project provided by the DOT Gastineau Channel Dredging project. It also reflects reduced contingencies for construction. Costs associated with upgrading the intersection at Egan Drive are not included in these estimates.	
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