



C Street Bridge Project

Project Development & Environment (PD&E) Study

FM No. 411423-1

CONSTRUCTION OPTIONS

Evaluation Factors	Temporary Closure/Permanent Bridge Alternative No. 1	Permanent Bridge w/ Pedestrian Path Alternative No. 6	Permanent Bridge Temporary Detour Bridge Alternative No. 8
Description	Close C Street to traffic temporarily while the existing bridge is replaced on the same alignment. Access to Dock Street via A Street for pedestrians, bicycles and golf carts. Lowest cost option and shortest construction duration (24 months).	Construct a portion of the new bridge adjacent to the existing C Street bridge, providing a permanent 10' lane for one-way traffic to use during demolition. Then widen the new bridge to the final proposed width and shift traffic back to the original alignment. *Bridge will be raised 1-1/2' Approximate bridge closure 2-4 months.	Construct a temporary detour to the east of the existing C Street alignment. Shift traffic to detour while the existing bridge is replaced on the same alignment. *Option 1: Bridge will be raised 1-1/2' Approximate bridge closure 2-4 months. *Option 2: Bridge will be raised 4' Approximate bridge closure 6-9 months.
Construction Duration (Approximate # of Months)	24 Months	36 Months	36 Months
Wetland Impacts (Acres)	(Permanent 0.00 Ac) (Temporary 0.00 Ac)	(Permanent 0.033 Ac) (Temporary 0.00 Ac)	(Permanent 0.00 Ac) (Temporary 0.033 Ac)
Cedar Trees (Approximate # of Trees)	0	0	0
Construction Costs	\$2,355,000	\$3,485,000	\$3,410,000
Right-of-way Costs	\$646,000	\$845,000	\$806,000
Utility Costs	Minimal	Minimal	Minimal
Estimated Total Project Costs	\$3,001,000	\$4,330,000	\$4,216,000