

Alternatives Evaluation Matrix



Evaluation Criteria	No-Build Alternative	Alternative 1	Alternative 2
		Canal Avoidance 4-Lane Urban with 7-Foot Buffered Bike Lane	Box Culvert 4-Lane Urban with 7-Foot Buffered Bike Lane
Relocations			
Number of residential relocations	0	0	0
Number of business relocations	0	0	0
Number of parcels impacted	0	16	9
Natural, Environmental & Physical Impacts			
Threatened and endangered species	None	No adverse impacts	No adverse impacts
Archaeological/historical sites	None	1	1
Potential high or medium ranked contamination sites	None	3	3
Wetlands (acres)	None	0.36	0.07
Surface Water Impacts (Acres)	None	1.54	3.95
Floodplains (acre-feet)	None	0	0
Potential Section 4(f) resources	None	1	1
Noise	None	TBD	TBD
Social & neighborhood	None	Low	Low
Estimated Costs (Present Day Costs)			
Design (10% of construction)	No cost	\$2,361,000	\$3,070,000
Right-of-way acquisition	No cost	\$10,721,000	\$6,525,000
Wetland mitigation ⁽¹⁾	No cost	\$4,000	\$1,000
Roadway and bridge construction	No cost	\$23,605,000	\$30,696,000
Reimbursable utility/railroad relocation	No cost	\$680,000	\$500,000
CEI (15% of construction)	No cost	\$3,541,000	\$4,604,000
Total Cost	No cost	\$40,912,000	\$45,396,000

Notes:

(1) Based on \$9,999 per mitigation credit acre.