

Alternatives Matrix

Public Hearing ♦ August 6, 2019



Evaluation Criteria	No-Build Alternative	Build Alternative
Centerline Length of Improvement (Feet)	N/A	32,161
Centerline Length of Improvement (miles)	N/A	6.1
Business Impacts		
Number of business relocations	0	0
Residential Impacts		
Number of residential relocations	0	0
Environmental Effects		
Archaeological/Historical sites (potential)	Low	Low
Public parks, recreation areas, or wildlife refuges (acres)	None (0)	None (0)
Noise (impacted receptors)	3	0
Wetland (acres)	0.0	9.57
Floodplains (acres)	0.0	42.20
Threatened and endangered species (potential)	Low	Low
Contamination sites (high / medium)	0	5/2
Right-of-Way Needs		
Right-of-way to be acquired for roadway (acres)	0.0	0.77
Right-of-way to be acquired for stormwater facilities (acres)	0.0	66.19
Right-of-way to be acquired for floodplain compensation (acres)	0.0	44.30
Total right-of-way acres	0.0	111.26
Estimated Total Project Costs (2017 Cost)		
Wetland mitigation	\$0	\$1,131,605
Utility relocation costs	\$0	\$0
Right-of-way acquisition for roadway	\$0	\$915,000
Right-of-way acquisition for stormwater facilities	\$0	\$1,515,000
Right-of-way acquisition for floodplain compensation	\$0	\$7,780,000
Total Right-of-Way Cost	\$0	\$10,210,000
Construction cost for roadway	\$0	\$54,854,188
Construction cost for stormwater facilities	\$0	\$5,222,466
Construction cost for floodplain compensation	\$0	\$7,256,758
Total Construction Cost	\$0	\$67,333,412
Design	\$0	\$4,713,339
Construction Engineering & Inspection (15% of the Total Construction Cost)	\$0	\$6,733,341
Preliminary Estimate of Engineering Cost	\$0	\$11,446,680
Preliminary Estimate of Total Project Cost	\$0	\$90,121,697