

US 11 Norfolk Southern Railroad Bridge Replacement and Lane Widening Impacts Summary

Preferred Alternative Impact Matrix

Evaluation Factors	Alternative 1R Modified, Bridge 1	No Build
Structure Impacts		
Residence	0	0
Business	5	0
Church	0	0
Public Facility	0	0
Pipelines/Pumps	0	0
Signage	6	0
Parking Spaces	25	0
Potential Relocations	3	0
Noise	5	5
Natural Resources		
Cemetery	0	0
100-Year Floodplain (acres)	21	0
Surface Waters (acres)	1.5	0
Wetland (acres)	<2	0
Prime Farmland (acres)	0	0
Archaeological	0	0
Potential Historic Resources > 50 Years	23	0
Eligible Historic Resources - Impacted	1	0
Known Underground Storage Tanks	3	0
Water Wells	3	0
Oil and Gas Wells	0	0
Traffic Impacts		
Permanent Road Closures	1	0
Temporary Detour	0	0

Preferred Alternative Cost Analysis

Evaluation Factors	Alternative 1R Modified, Bridge 1	No Build
Total Length (miles)	1.4	0
Cost (million dollars)		
Roadway Construction	13.6	0
Roundabout Construction	1.9	0
Bridge Construction	48.2	0
Utility Relocation	0.405	0
Right-of-Way Acquisition	3.7	0
Wetland Mitigation	0.20	0
Surveying, Engineering, Construction Supervision, and Inspection	3.8	0
TOTAL	71.8	0
Includes 20% Roadway and 10% Bridge Contingency for Estimating Purposes. Costs Rounded.		