



Evaluation Matrix



	Alternative 1: Co-located with US 17/92	Alternative 2: New Alignment	No-Build Alternative
Purpose and Need			
Accommodate Population Growth & Travel Demand	Yes	Yes	No
Improve Regional Connectivity	Yes	Yes	No
Enhance Freight Mobility and Economic Competitiveness	Yes	Yes	No
Enhance Safety & Emergency Evacuation	Yes	Yes	No
Social			
Total Parcels Impacted	228	221	0
Total Acres Impacted	186.5	253.8	0
Potential Residential Relocations	41	38	0
Potential Business Relocations	7	5	0
Community Focal Points Impacted	3	1	0
Cultural			
Potential National Register of Historic Places Impacted	2	1	0
Natural			
Potential Listed Species Impacts	Moderate	Moderate	None
Wetland and Surface Water Impacts (acres)	48.4	66.2	0
100-Year Floodplain Impacts (acres)	74.0	151.5	0
Physical			
Impacts to High-Voltage Transmission Poles	High	Moderate	None
Gas Pipeline Impacts	High	Moderate	None
Medium- and High-Risk Contamination Site Impacts	12	11	0
Cost			
Projected Construction Cost (million)	\$868	\$976	\$0

