



# Evaluation of Alignments Matrix

	No Build	2020 Feasibility Study Alignment	Current Refined Alignment Option A	Current Refined Alignment Option B
<b>Engineering</b>				
Total Length (approximately)	-	11.8 Miles	11.9 Miles	11.8 Miles
Total Construction Cost (approximately)	-	-	\$1.12 Billion	\$1.15 Billion
Level of Service	LOS F	LOS B-C	LOS B-C	LOS B-C
ROW Need	0 Acres	370 Acres	370 Acres	375 Acres
<b>Land Use</b>				
Residential Displacements (Number)	0	102	53	22
Commercial Displacements (Number)	0	34	34	34
Community Facility Displacements (Number)	0	1	1	1
Developed Land	0 Acres	245 Acres	183 Acres	171 Acres
Undeveloped Land	0 Acres	185 Acres	225 Acres	239 Acres
Future Developments	0 Acres	17 Acres	23 Acres	22 Acres
USACE Wildlife Management Area	0 Acres	0 Acres	6 Acres	18 Acres
<b>Environmental</b>				
Stream Crossings (Number)	0	21	21	21
100-Year Floodplain	0 Acres	75 Acres	75 Acres	77 Acres
Protected Species Potential Habitat	No Impact	Minimal Impacts	Minimal Impacts	Minimal Impacts
Section 4(f) Protected Lands / Parks (Number)	0	2	2	2
Air Quality	Decrease	Improve	Improve	Improve
Traffic Noise	Increase	-	TBD	TBD
Community Cohesion	No Impact	Neighborhood Bisected	Neighborhood Bisected	Minimal Impacts
Cultural Resources	No Impact	-	TBD	TBD

Information is accurate as of 7.22.2022