

COMPARISON FACTOR	ALTERNATIVE ALIGNMENT			
	ALTERNATIVE 1	ALTERNATIVE 2	ALTERNATIVE 3	ALTERNATIVE 4
MOBILITY				
Entire Length of Route to I-75	3.4 miles	6.3 miles	6.9 miles	3.7 miles
Average Travel Time to I-75 without roundabouts	281 seconds	470 seconds	499 seconds	314 seconds
Average Travel Time to I-75 with roundabouts	279 seconds	464 seconds	491 seconds	307 seconds
Intersection Controls ¹	0 to 2 stops; 1 yield	1 stop; 2 yields	1 stop; 2 yields	0 to 2 stops; 3 yields
ENVIRONMENTAL & COMMUNITY ISSUES				
Right-of-Way Impacts (approximate acres)	23.8 acres	22.8 acres	40.7 acres	19.7 acres
Building Impacts (# of buildings)	0	4	6	3
Parcel Impacts (approx. # of parcels)	9	37	83	22
Cultural Resources Impacts	No impacts (no known resources)	Potential impacts depending on final design	Potential impacts depending on final design	No impacts (no known resources)
Farmland Impacts ²	18 acres	5.2 acres	36.6 acres	14.3 acres
Potential Stream ³ Impacts	None anticipated	16 Linear Feet; Low/Medium Quality	130 Linear Feet; Low/Medium Quality	20 Linear Feet; Low Quality
Section 4(f) Resources	1 resource present; could be avoided	No resources present	2 resources present; 1 could be avoided, 1 will be impacted	1 Resource Present; could be avoided
CONSTRUCTABILITY				
Bridge/Culvert Improvements (# of replacements/ widenings)	0	8	10	1
Utility Relocations (# and type)	4 - Overhead; 1-Gas Line	8 - Overhead; 1-Underground Telephone	4 - Overhead; 1 - Underground Telephone; 2 - Gas Transmission; 1- Underground Fiber Optic	6 - Overhead; 1-Gas Line
Constructability and Maintenance of Traffic (Good, Fair, Poor)	Good; Minimal impact	Fair; Part-width or detour	Fair; Part-width or detour	Good; Minimal impact
COST EFFECTIVENESS				
Length of Roadway Improvements (Lin. Ft.)	11,850 Lin.Ft. (2.24 miles)	20,200 Lin.Ft. (3.83 miles)	36,700 Lin.Ft. (6.95 miles)	13,450 Lin.Ft. (2.55 miles)
Estimated Right-of-Way Costs (\$ Million (2011))	\$0.64	\$0.56	\$0.55	\$0.79
Estimated Construction Costs (\$ Million (2011))	\$8.98	\$14.05	\$24.62	\$10.27
Estimated Total Project Costs (\$ Million (2011))	\$9.62	\$14.61	\$25.17	\$11.06
SCHEDULE				
Estimated Design Duration ⁴	8 months	16 months	16 months	8 months
Estimated Right-of-Way Acquisition Duration ⁵	8 months	18 months	24 months	14 months
Estimated Construction Duration	6-9 months	15-18 months	15-18 months	9-12 months
Estimated Total Duration ⁶	15-18 months	34-37 months	40-43 months	24-27 months

¹Number of Stops based on stop controlled approach or signalized intersection. For signalized intersections, a range is provided since the vehicle may or may not receive a red signal. Accounts for entering and exiting truck movements, to/from CSX Facility, to/from I-75 northbound ramp

²Impacts to farmland enrolled in the Current Agricultural Use Value (CAUV) program

³Potential streams/roadside ditches could be determined wetlands upon further field investigation

⁴Time includes Preliminary Engineering, Detailed Design, and Environmental Clearance

⁵Time includes Utility Relocation

⁶Total duration assumes right-of-way and design/environmental will be done concurrently with a one month lag