



# STATE ROAD (S.R.) 40 BLACK BEAR TRAIL

## TRAIL EVALUATION MATRIX

CORRIDOR PLANNING OPEN HOUSE | FPID # 436360-1



Evaluation Criteria	Alternative A (North Side)	Alternative B (South Side)	Hybrid Alternative (North & South Side)
<b>TRAIL EXPERIENCE</b>			
Crossings at Signalized Intersections	1	1	2
Crossings at Non-signalized / Midblock Locations	0 / 2	1 / 0	1 / 0
Side Street / Driveway Crossings	39 / 42	27 / 59	27 / 49
Proximity to Hiking / Biking Trails (number of trail connections)	2	2	2
Nearby Households (number of households within 0.5 miles)	476	476	476
<b>NATURAL</b>			
Estimated Wetland Impacts (acres)	1.4	0.5	0.5
Estimated Floodplain Impacts (acre-ft)	6.1	6.1	6.1
Risk to Bald Eagle Nesting Sites (number of known sites within 1,000 feet)	0	0	0
Risk of Habitat Fragmentation	Low	Low	Low
Risk of Impacting Outstanding Florida Waters / Aquatic Preserves	Low	Low	Low
<b>PHYSICAL</b>			
Level of Utility Impacts	Low	Medium	Medium
Level of Drainage Swale Impacts	Medium	Medium	Medium
Potential Air Quality Impacts	Low	Low	Low
Potential Noise Impacts	Low	Low	Low
Risk of Impacting Contamination Sites (number of known sites within 500 feet)	11	11	11
Potential Bridge Crossings (number of new bridge crossings)	0*	0*	0*
Risk of Impacting Hunting Activities	Low	Low	Low
Risk of Impacting Forest Activities	Low	Low	Low
<b>CULTURAL</b>			
Risk of Impacting Historical Sites	Low	Low	Low
Risk of Impacting Archaeological Areas	Low	Low	Low
<b>SOCIAL &amp; ECONOMIC</b>			
Consistency with Local Plans	Yes	Yes	Yes
Nearby Community Features (number of features within 0.5 miles)	17	17	17
<b>TRAFFIC &amp; SAFETY</b>			
Adjacent Roadway Traffic Volume (weighted average of AADT)	5,750	5,750	5,750
Adjacent Roadway Posted Speed Range / Weighted Average Speed (MPH)	35 to 55 / 54	35 to 55 / 54	35 to 55 / 54
Distance from Thoroughfare (weighted average of trail distance from S.R. 40 in feet)	34	37	36
<b>RIGHT OF WAY IMPACT</b>			
Estimated Acres of New Right of Way / Easements	21.5	35.2	32.7
Number of Parcels (Government Owned / Privately Owned)	14** / 2***	18** / 2***	17** / 2***
Number of Property Owners (Government Owned / Privately Owned)	5 / 2	5 / 2	5 / 2
<b>COST ESTIMATE</b>			
Construction	\$29 Million	\$29 Million	\$29 Million

\*Assumed utilizing existing St. Johns River Bridge | \*\*All Federal or State Forest | \*\*\*Near C.R. 3