

Alternatives Evaluation Matrix

Evaluation Factors	Central Alternative #1 Revised	Central Alternative #2	Central Alternative #2 Revised	No-Build Alternative
Miles of New Alignment	1.7	2.9	3.0	0.0
Acres of Right of Way Required	44.8	65.4	70.3	0.0
Business Parcels Affected	13	8	9	0
Residential Parcels Affected	1	0	0	0
Other Parcels Affected	17	18	18	0
Churches	0	0	0	0
Schools	1	1	1	0
Parks/Conservation Areas [Section 4(f)]	0	1	1	0
Potentially Impacted National Register Potentially Eligible, Eligible or Listed Cultural Resources	2*	2*	2*	0
Potential Noise Sensitive Sites	9	2	2	0
Floodplains (acres)	212.1	223.4	229.2	0
Primary / Secondary Panther Habitat (acres)	61.3 / 31.7	62.2 / 33.1	61.4 / 63.4	0.0 / 0.0
Scrub Jay Habitat – Type I / II / III (acres)	4.1 / 6.9 / 43.4	4.1 / 6.9 / 43.2	0.0 / 0.0 / 47.6	0.0 / 0.0 / 0.0
Potential Other Threatened & Endangered Species	5**	5**	5**	0
Wetlands (acres)	28.2	29.5	28.3	0.0
Potential Contamination Sites (High / Medium)	3 / 10**	3 / 10**	4 / 11**	0 / 0
Estimated Costs ¹				
Panther Mitigation ²	\$1,022,000 (1,202 PHUs)	\$1,041,000 (1,225 PHUs)	\$1,235,000 (1,453 PHUs)	\$0
Scrub Jay Mitigation ³	\$2,720,000	\$2,710,000	\$2,380,000	\$0
Wetland Mitigation ⁴	\$3,542,000	\$3,705,000	\$3,554,000	\$0
Design ⁵	\$23,300,000	\$23,660,000	\$24,499,000	\$0
Right-of-Way	\$8,340,000	\$11,098,000	\$11,165,000	\$0
Construction ⁶	\$155,333,000	\$157,731,000	\$163,325,000	\$0
Construction Engineering and Inspection ⁵	\$23,300,000	\$23,660,000	\$24,499,000	\$0
TOTAL COSTS	\$217,557,000	\$223,605,000	\$230,657,000	\$0

¹ All estimated costs are rounded to the nearest thousand dollars.

² Florida panther mitigation cost estimates based on \$850 per panther habitat unit (PHU).

³ Florida scrub jay mitigation cost estimates based on \$25,000 per acre of impact with assumed 2:1 mitigation credit ratio.

⁴ Wetland mitigation cost estimates based on FDOT Environmental Mitigation Payment Processing Handbook, Page 5, Fiscal Year 2021/2022 (\$125,594 per acre of impact).

⁵ 15% of Construction.

⁶ Based on FDOT Long Range Estimate at present time.

* Evaluation of resources is ongoing.

** Field verification required.