

# Alternatives Evaluation Matrix

Evaluation Criteria	Unit of Measure	Corridor A-Red	Corridor B-Red/Yellow	Corridor C-Blue/Cyan/Yellow	Corridor D-Blue/Brown/Yellow	Corridor E-Blue/Yellow
<b>Design</b>						
Alternative Length (approximate)	Miles	16	19	21	23	23
Proposed Right-of-Way Width (general and varies at interchanges)	Feet	324	324	324	324	324
Proposed Bridges	total structures per alternative	24	34	30	28	32
	total length of all structures	2,006	3,355	2,723	2,626	4,209
Proposed Interchanges	Number	5	6	6	5	5
Projected 2045 Annual Average Daily Traffic (AADT) Volume (as a tolled facility) <sup>(1)</sup>	Vehicles	25,600	16,900	16,900	13,700	13,900
<b>Physical</b>						
Major Utility Conflicts - Existing	No. of Conflicts	5	5	3	3	2
Major Utility Conflicts - Planned	No. of Conflicts	8	5	0	0	0
Contamination Sites & Facilities	No. of Conflicts	1	0	0	0	1
Railroad Involvement	No. of Conflicts	0	0	0	0	0
<b>Cultural Environment Effects</b>						
Public Lands	Acres	1	0	0	0	0
Section 4(f) Coordination Required (Public Recreation Lands, Wildlife Refuges, etc.)	Y/N	N	N	N	N	N
Potential Historic Resources	No. of Conflicts	15	8	2	1	0
Potential Historic Linear Resources (canals/roads)	No. of Resources	1	1	1	1	1
Potential Archaeological Resources	No. of Resources	0	0	0	0	0
<b>Natural Environment</b>						
<b>Water Features</b>						
Ponds / Lakes	Acres	11	13	13	9	6
Canals / Regulated Floodways	No. of Conflicts	1	3	3	2	2
Flood Hazard Areas - 100 Year Floodplain	Acres	417	344	409	460	613
Wetlands (non-forested and forested)	Acres	139	209	228	322	355
Potential Habitat - Federal Listed Species	Acres	1,044	1,153	1,077	1,249	1,180
Potential Habitat - State Listed Species	Acres	1,110	1,216	1,208	1,281	1,256
Potential Bald Eagle Nest	Y/N	Y	N	N	N	N
Potential Species Impacts (composite rating)	Rating (high, medium, low)	High	Medium	High	High	High
<b>Mitigation Banks</b>						
Lake X Ranch Mitigation Bank	Acres	0	92	92	92	150
Conservation Easement	Acres	0	0	0	0	0
<b>Social</b>						
Right-of-Way Area (including proposed ponds)	Acres	1,349	1,447	1,581	1,707	1,758
Potential Residential Impacts (includes partially impacted parcels)	Total Parcels	367	74	22	28	3
Existing	Parcels	181	55	3	9	3
Planned	Parcels	186	19	19	19	0
Potential Non-Residential Impacts (includes partially impacted parcels)	Total Parcels	232	152	141	118	122
Existing	Parcels	232	151	140	117	122
Planned	Parcels	0	1	1	1	0
Community Facilities	No. of Conflicts	2	0	0	0	0
Parks and Recreational Facilities (public and private)	No. of Conflicts	1	0	0	0	0
Trails	No. of Conflicts	2	5	5	5	7
Community Cohesion Effects	Rating (high, medium, low)	Medium	Medium	Low	Low	Low
Socioeconomic Impacts to Special Populations	Rating (high, medium, low)	Medium	Low	Low	Low	Low
Proposed Development (PD) / Development of Regional Impact (DRI)	Acres	622	761	806	890	887
<b>Estimated Costs<sup>(2)</sup></b>						
Roadway Construction		\$339,400,000	\$372,000,000	\$393,200,000	\$488,500,000	\$500,600,000
Bridge Construction		\$67,600,000	\$92,500,000	\$79,900,000	\$73,200,000	\$98,400,000
Interchange Construction		\$457,800,000	\$475,200,000	\$519,800,000	\$483,200,000	\$493,400,000
Toll Collection Equipment		\$5,100,000	\$5,100,000	\$5,100,000	\$5,100,000	\$5,100,000
Right-of-Way Areas (including proposed ponds)		\$298,900,000	\$242,600,000	\$210,600,000	\$201,600,000	\$210,800,000
Mitigation (wetlands & wildlife)		\$26,900,000	\$64,800,000	\$67,400,000	\$80,100,000	\$100,700,000
<b>Total Estimated Alternative Costs</b>		<b>\$1,195,700,000</b>	<b>\$1,252,200,000</b>	<b>\$1,276,000,000</b>	<b>\$1,331,700,000</b>	<b>\$1,409,000,000</b>
<b>Projected Traffic Revenue (2045)</b>		<b>TBD</b>	<b>TBD</b>	<b>TBD</b>	<b>TBD</b>	<b>TBD</b>

**Notes:**

volumes west of Canoe Creek Road are included in the Southport Connector Expressway.

(2) Construction costs represent a sharing of costs for the interchange with Florida's Turnpike and the mainline cost to Canoe Creek Road interchange. Costs are shared between the Southport Connector Expressway and the Northeast Connector Expressway.