

ALTERNATIVES EVALUATION MATRIX

Evaluation Criteria	Unit of Measure	Alternative 1	Alternative 2	Alternative 3	Alternative 4	Alternative 5	Alternative 6	Alternative 7	Alternative 8	Alternative 9	Alternative 10	Alternative 11	Alternative 12
		Segments: 1-2-3-4a-9-10	Segments: 1-2-3-4a-9-11	Segments: 1-2-3-4b-9-10	Segments: 1-2-3-4b-9-11	Segments: 5-6-8-3-4a-9-10	Segments: 5-6-8-3-4a-9-11	Segments: 5-6-8-3-4b-9-10	Segments: 5-6-8-3-4b-9-11	Segments: 5-7-2-3-4a-9-10	Segments: 5-7-2-3-4a-9-11	Segments: 5-7-2-3-4b-9-10	Segments: 5-7-2-3-4b-9-11
Design													
Alternative Length (approximate)	miles	39	40	40	41	38	40	39	41	37	39	38	40
Proposed Right-of-Way Width (general and varies at interchanges)	feet	500	500	500	500	500	500	500	500	500	500	500	500
Proposed Bridges - total structures per alternative	Structures	53	55	56	58	55	57	58	60	44	46	47	49
Total length of all structures	feet	85,928	95,215	87,351	96,638	128,132	137,419	129,555	138,842	101,133	110,420	102,556	111,843
Proposed Interchanges	Number	3	3	3	3	4	4	4	4	3	3	3	3
Projected 2045 Annual Average Daily Traffic (AADT) Volume (as a tolled facility)	vehicles	5,600 - 5,700	5,600 - 5,700	5,600 - 5,700	5,600 - 5,700	4,300 - 4,800	4,300 - 4,800	4,300 - 4,800	4,300 - 4,800	2,300 - 3,000	2,300 - 3,000	2,300 - 3,000	2,300 - 3,000
Physical													
Major Utility Conflicts - Existing	No. of Conflicts	11	11	11	11	12	12	12	12	13	13	13	13
Major Utility Conflicts - Planned	No. of Conflicts	None Currently Planned	None Currently Planned	None Currently Planned	None Currently Planned	None Currently Planned	None Currently Planned	None Currently Planned	None Currently Planned	None Currently Planned	None Currently Planned	None Currently Planned	None Currently Planned
Contamination Sites & Facilities	No. of Conflicts	1	2	1	2	1	2	1	2	1	2	1	2
Railroad Involvement	No. of Conflicts	0	0	0	0	0	0	0	0	0	0	0	0
Cultural Environment Effects													
Public Lands	acres	34	34	34	34	11	11	12	12	11	11	12	12
Section 4(f) Coordination Required (Public Recreation Lands, Wildlife Refuges, etc.)	Y/N	N	N	N	N	N	N	N	N	N	N	N	N
Potential Historic Resources	No. of Conflicts	5	7	4	6	3	5	2	4	3	5	2	4
Potential Historic Linear Resources (Canals/Highways/Railroads)	No. of Resources	4	4	6	6	4	4	6	6	5	5	7	7
Potential Archaeological Resources	No. of Resources	0	0	1	1	0	0	1	1	0	0	1	1
Natural Environment													
Water Features													
Ponds / Lakes	acres	24	17	15	7	25	18	16	8	23	16	14	6
Canals / Regulated Floodways	No. of Conflicts	0	0	0	0	3	3	3	3	2	2	2	2
Flood Hazard Areas - 100 Year Floodplain	acres	1,004	1,064	790	850	1,386	1,446	1,172	1,232	1,224	1,284	1,010	1,070
Wetlands (non-forested and forested)	acres	571	620	461	510	805	854	695	744	679	728	569	618
Potential Habitat - Federal Listed Species	acres	2,534	2,654	2,679	2,799	2,637	2,757	2,782	2,902	2,472	2,593	2,617	2,738
Potential Habitat - State Listed Species	acres	1,990	2,059	2,189	2,257	1,750	1,819	1,949	2,017	1,789	1,857	1,987	2,056
Potential Bald Eagle Nest	Y/N	N	N	N	N	N	N	N	N	N	N	N	N
Potential Species Impacts (composite rating)	High/Med/Low	Medium	Medium	Medium	High	High	Medium	Medium	Medium	Medium	Medium	Medium	Medium
Mitigation Bank													
Lake X Ranch	acres	0	0	0	0	0	50	0	0	0	0	0	0
Conservation Easement													
Triple N Ranch WMA	acres	9	9	9	9	0	0	0	0	0	0	0	0
Bull Creek WMA	acres	17	17	17	17	0	0	0	0	0	0	0	0
Florida Forever Acquired													
Osceola Pines Savannas	acres	12	12	12	12	0	0	0	0	0	0	0	0
Big Bend Swamp/Holopaw Ranch	acres	0	0	0	0	225	225	225	225	225	225	225	225
Conlin Lake X	acres	0	0	0	0	0	59	0	0	0	0	0	0
Public Lands (FLMA, Sept. 2018)	acres	34	11	11	11	6	0	6	6	6	6	0	0
Social													
Right-of-Way Area (not including proposed ponds)	acres	2,653	2,758	2,736	2,841	2,762	2,867	2,845	2,950	2,611	2,716	2,694	2,799
Potential Residential Impacts (includes partially impacted parcels)													
Total Parcels		14	12	10	8	13	11	9	7	13	11	9	7
Existing													
Parcels		14	12	10	8	13	11	9	7	13	11	9	7
Planned													
Parcels		None Currently Planned	None Currently Planned	None Currently Planned	None Currently Planned	None Currently Planned	None Currently Planned	None Currently Planned	None Currently Planned	None Currently Planned	None Currently Planned	None Currently Planned	None Currently Planned
Potential Non-Residential Impacts (includes partially impacted parcels)													
Total Parcels		100	140	99	139	110	150	109	149	110	150	109	149
Existing													
Parcels		100	140	99	139	110	150	109	149	110	150	109	149
Planned													
Parcels		None Currently Planned	None Currently Planned	None Currently Planned	None Currently Planned	None Currently Planned	None Currently Planned	None Currently Planned	None Currently Planned	None Currently Planned	None Currently Planned	None Currently Planned	None Currently Planned
Community Facilities													
No. of Conflicts		0	0	0	0	0	0	0	0	0	0	0	0
Parks and Recreational Facilities (public and private)													
No. of Conflicts		3	3	3	3	2	2	2	2	2	2	2	2
Trails													
No. of Conflicts		1	1	1	1	1	1	1	1	1	1	1	1
Community Cohesion Effects													
High/Med/Low		Low	Low	Low	Low	Low	Low	Low	Low	Low	Low	Low	Low
Socioeconomic Impacts to Special Populations													
High/Med/Low		Low	Low	Low	Low	Low	Low	Low	Low	Low	Low	Low	Low
Proposed Development (PD) / Development of Regional Impact (DRI)													
acres		1,603	1,603	1,603	1,603	1,712	1,712	1,712	1,712	1,561	1,561	1,561	1,561