

## ALTERNATIVES EVALUATION MATRIX

Evaluation Criteria	Unit of Measure	Cypress Parkway	Alternative 2000	Alternative 3000	Alternative 4000	Alternative 7000
<b>Design</b>						
Alternative Length (approximate)	Miles	4.5	14.0	15.4	15.5	16.3
Proposed Right-of-Way Width (general: varies at interchanges and environmentally sensitive areas)	Feet	300	330	330	330	330
Proposed Bridges - total structures per alternative	Structures	11	14	18	16	16
Total length of all structures	Feet	3,939	22,248	7,414	7,100	6,119
Proposed Interchanges (includes FTE and Canoe Creek)	Number	2	5	5	5	5
Projected 2045 Annual Average Daily Traffic (AADT) Volume (as a tolled facility) ±5% - 10%	Vehicles	36,000	50,000	50,000	50,000	50,000
<b>Physical</b>						
Major Utility Conflicts - Existing	No. of Conflicts	16	10	3	3	3
Major Utility Conflicts - Planned	No. of Conflicts	2	0	0	0	0
Contamination Sites & Facilities	No. of Conflicts	24	14	9	8	8
<b>Cultural Environment Effects</b>						
Public Lands (Public Recreation Lands)	Acres	0	0	0	0	0
Potential Historic Resources	No. of Conflicts	18	3	2	1	0
Potential Historic Linear Resources (Canals/Highways/Railroads)	No. of Resources	0	2	2	2	2
Potential Archaeological Resources	No. of Resources	0	2	1	1	1
<b>Natural Environment</b>						
<b>Water Features</b>						
<i>Ponds / Lakes (ponds + surface waters)</i>	Acres	0	44	2	3	3
<i>Canals / Regulated Floodways</i>	No. of Conflicts	1	2	2	2	2
<i>Flood Hazard Areas - 100 Year Floodplain</i>	Acres	21	57	200	229	301
Wetlands (non-forested and forested)	Acres	0	45	73	59	74
Potential Habitat - Federal and State Listed Species	Acres	0	264	343	461	376
Submerged Aquatic Vegetation (SAV)	Acres	0	1	0	0	0
Potential Bald Eagle Nest (Direct + Buffer Zone)	Y/N	N	Y	N	Y	N
Mitigation Banks						
<i>None</i>	Acres	0.0	0.0	0.0	0.0	0.0
Conservation Easement						
<i>Solivita HOA</i>	Acres	0.0	0.0	0.0	0.0	0.0
SFWMD Lands						
<i>Upper Lakes Basin Watershed/KCOLA</i>	Acres	0.0	18	18	19	19
<b>Social</b>						
Right-of-Way Area (not including proposed ponds) Includes FTE and Canoe Creek interchanges	Acres	24	325	686	694	717
Estimated Pond Area (mainline)	Acres	22	42	62	60	64
Potential Existing Residential Impacts (includes partially impacted parcels)	Total Parcels	13	67	9	5	5
Potential Existing Commercial Impacts (includes partially impacted parcels)	Total Parcels	19	8	7	7	6
Potential Existing Parcel Impacts (Other <sup>1</sup> ) (includes partially impacted parcels)	Total Parcels	13	38	45	41	40
Community Facilities (Environmental Learning Center)	No. of Conflicts	0	1	1	1	1
Trails	No. of Conflicts	0	1	2	2	2
Community Cohesion Effects *according to CF&M	High/Med/Low	Med	High	Med	Med	Low
Proposed Development (PD) / Development of Regional Impact (DRI) (South Lake Toho and East Lake Toho)	Acres	0	286	503	453	479
<b>Estimated Costs</b>						
<b>Total Estimated Alternative Costs (in millions)</b>		\$235	\$980	\$636	\$625	\$628
<b>GRAND TOTAL Estimated Alternative Costs (in millions)</b> (Includes Cypress Parkway roadway and bridge construction)			\$1,215	\$871	\$860	\$863

RED = Relatively High Impacts when Compared to Other Alternatives

YELLOW = Relatively Medium Impacts when Compared to Other Alternatives

GREEN = Relatively Low Impacts when Compared to Other Alternatives