



Evaluation Matrix



Refined Corridor Alternatives

Evaluation Criteria	Unit of Measure	Corridor E		Corridor F	
		E1	E2	F1	F2
Engineering					
Length	Miles	21.12	21.14	17.33	17.35
Proposed Corridor Width ^a (excluding interchange area)	Feet	500	500	500	500
Social					
Impacts to Residential Parcels	#	136	138	91	93
Impacts to Commercial Parcels	#	11	11	2	2
Impacts to Agricultural Parcels	#	94	92	87	85
Impacts to Other Parcels (not classified as residential, commercial, agricultural)	#	8	6	12	10
Community Cohesion Effects	Ranking	Medium	Medium	Low	Low
Planned and Approved Developments (Total)	#	8	8	3	3
Davenport	#	2	2	2	2
Haines City	#	0	0	0	0
Lake Hamilton	#	0	0	0	0
Dundee	#	0	0	1	1
Lakes Wales	#	6	6	0	0
Winter Haven	#	0	0	0	0
Natural					
Wetlands (Non-Forested and Forested)	Acres	242.01	246.91	126.47	131.37
Floodplains	Acres	393.83	400.58	285.93	292.68
Threatened and Endangered Species Habitat (Federal and State) ^b	Acres	2,535.18	2,538.25	1,784.84	1,787.86
Bald Eagle Nest	#	2	2	1	1
Conservation Lands, Preserves, and Wildlife Management Lands / Refuge	Acres	6.93	6.93	9.29	9.29
Cultural					
Parks and Recreational Facilities (public and private)	#	0	0	0	0
Archaeological & Historic Sites	#	1	1	1	1
Cemeteries	#	0	0	0	0
Physical					
Contamination Sites	#	8	8	11	11
Utility Conflicts	#	15	14	21	20

^a 500-ft corridor width was used for evaluating impacts. Actual corridor width will be 310 feet.

^b Impacts based on three species: Florida scrub-jay, Tricolored bat, and Wood stork. The habitat for these species varied depending on corridor. Fifteen other species were also identified; however, their impacts were the same for all four corridors.

Legend for Corridors E, F

	No difference among corridors
	Low
	Medium
	High

* Ranking based on comparison of impacts across the four corridor alternatives.

