CENTRAL<br/>FLORIDA<br/>EXPRESSWAY<br/>AUTHORITYConcept, Feasibility & Mobility StudySouthport Connector Expressway<br/>January / February 2018

## **Southport Evaluation Matrix**

							<b>C</b> 00	700
Evaluation Criteria	Unit of Measure	Cypress Pkwy	200	300	400	500	600	700
<b>Design</b> Alternative Length (approximate)	Miles	5.0	9.6	9.1	9.2	10.2	9.4	9.8
Proposed Right-of-Way Width								
(general and varies at interchanges)	feet	300	350	350	350	350	350	350
Proposed Bridges	Structures	12	8	8	8	8	8	8
(total structures per alternative / total length of all structures)	feet	5,667	752	782	756	751	801	747
Proposed Interchanges	Number	5	3	3	3	3	3	3
Projected 2045 Annual Average Daily Traffic (AADT) Volume	vehicles		22 000	22 000	22,000	21 100	22.000	21 100
(as a tolled facility) - includes connection to Canoe Creek Rd	venicies	-	32,000	33,800	32,000	31,100	32,000	31,100
Physical								
Major Utility Conflicts - Existing	No. of Conflicts	14	5	6	1	4	1	0
Major Utility Conflicts - Planned	No. of Conflicts	0	0	0	0	0	0	0
Contamination Sites & Facilities	No. of Conflicts	0	1	4	0	1	0	0
Railroad Involvement	No. of Conflicts	0	0	0	0	0	0	0
Cultural Environment Effects								
Public Lands	acres	0	12	22	13	13	13	14
Section 4(f) Coordination Required (Public Recreation Lands,	Y/N	Y	Ν	Y	Ν	Ν	N	Ν
Wildlife Refuges, etc.)		0	0	л		0		0
Potential Historic Resources	No. of Conflicts		1	4	1	0	1	0
Potential Historic Linear Resources (Canals) Potential Archaeological Resources	No. of Resources		1	1	1	1	1	1
Natural Environment				L				L
Water Features								
Ponds / Lakes	acres	1	2	0	0	2	Λ	0
Canals / Regulated Floodways	No. of Conflicts	2	1	1	1	1	1	1
Flood Hazard Areas - 100 Year Floodplain	acres	52	183	108	158	181	175	212
Wetlands (non-forested and forested)	acres	42	46	35	36	34	49	38
Potential Habitat - Federal Listed Species	acres	53	378	351	379	448	369	443
Potential Habitat - State Listed Species	acres	7	59	67	66	24	68	33
Potential Bald Eagle Nest	Y/N	N	Y	Y	Y	Y	Y	Y
Potential Species Impacts (composite rating)	Rating	Low	Medium	Medium	Medium	Medium	Medium	Medium
Mitigation Banks								
None	acres	0	0	0	0	0	0	0
Conservation Easement		_			_			_
Solivita HOA	acres	0	0	0	0	0	0	0
Upper Lakes Basin Watershed	acres	0	12	12	13	12	13	13
Southport Regional Park	acres	0	0	10	0	0	0	0
Kissimmee Chain of Lakes Social	acres	0	0	0	0		U	L
Right-of-Way Area (including proposed ponds)	20105	25	565	514	549	593	552	585
Potential Residential Impacts (Includes partially impacted	acres	25		514	J45	555	552	JOJ
parcels)	Total Parcels		3	5	0	4	0	0
Existing	Parcels		3	5	0	4	0	0
Planned	Parcels	0	0	0	0	0	0	0
Potential Non-Residential Impacts (Includes partially								
impacted parcels)	Total Parcels	5	35	37	26	27	27	20
Existing	Parcels	5	35	37	26	27	27	20
Planned	Parcels	0	0	0	0	0	0	0
Community Facilities	No. of Conflicts	0	1	1	1	1	1	1
Parks and Recreational Facilities (public and private)	No. of Conflicts	0	0	1	0	0	0	0
Trails	No. of Conflicts	0	0	0	0	0	0	0
Community Cohesion Effects	Ranking	Med	High	High	Med	High	Med	Med
Socioeconomic Impacts to Special Populations	Ranking	Med	Med	Med	Med	Med	Med	Med
Proposed Development (PD) /	acres	0	50	42	39	0	39	0
Development of Regional Impact (DRI)								
Estimated Costs	~	COD1 500 000	¢240 700 000	C212 F00 000	CO10 F00 000	6200 000 000	COED 400 000	COTO 400 000
Roadway Construction	ې د	\$221,500,000	\$248,700,000 \$21,300,000	\$242,500,000	\$240,500,000	\$260,000,000	\$252,400,000	\$270,400,000 \$21,200,000
Bridges Construction nterchanges Construction	ې د	\$120,500,000 \$32,800,000	\$21,300,000 \$25,200,000	\$21,800,000 \$25,200,000	\$21,400,000 \$25,200,000	\$21,300,000 \$25,200,000	\$22,100,000 \$25,200,000	\$21,200,000 \$25,200,000
Toll Collection Equipment	ې ¢	\$52,800,000	\$25,200,000 \$5,000,000	\$25,200,000 \$5,000,000	\$25,200,000	\$25,200,000	\$25,200,000	\$25,200,000 \$5,000,000
Half Interchange at Florida's Turnpike	ې خ	\$0,500,000	\$216,500,000	\$216,500,000	\$216,500,000	\$216,500,000	\$216,500,000	\$216,500,000
Right-of-Way Areas (including proposed ponds)	\$	\$0 \$0	\$168,400,000	\$207,800,000	\$187,900,000	\$178,000,000	\$180,100,000	\$176,300,000
Mitigation, Wetlands, & Wildlife	\$	\$5,000,000	\$5,700,000	\$4,600,000	\$4,700,000	\$4,500,000	\$6,000,000	\$4,900,000
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Total Estimated Alternative Costs		\$386,100,000	\$690,800,000	\$723,400,000	\$701,200,000	\$710,500,000	\$707,300,000	\$719,500,000
	Grand Total Estimated Alternative Costs (Includes Cypress Pkwy)		¢1 070 000 000	¢1 100 ГОО 000	¢1 097 200 000	¢1 000 000	\$1 002 400 000	\$1,105,600,000
Grand Total Estimated Alternative Costs (Includes Cypress Pkv	vy)		\$1,076,900,000	\$1,109,500,000	\$1,087,300,000	\$1,096,600,000	\$1,093,400,000	Ŷ1,103,000,00