## Osceola Parkway Extension

## Alternatives Evaluation Matrix January / February 2018

		West 1B	West 2		West 1B	West 2	West 1B	West 2	West 1B	West 2	West 1B	West 2
				PD&E	(w/o Direct	(w/o Direct	(w/o Direct	(w/o Direct				
Evaluation Criteria	Unit of Measure	(w/o Direct		Recommended	Airport	Airport	Airport	Airport	Airport	Airport	Airport	Airport
		Airport		Alternative							Connector) + East	
		Connector)				,			Connector) + East	Connector) + East	,	
Desiles					4A	4A	4C	4C	5	5	6	6
Design Alternative Length (Approximate)	Miles	7.53	7.38	12.1	12.8	12.6	12.9	12.8	13.2	13.0	13.3	13.1
Proposed Right-of-Way Width												
(Width Varies; Minimum / Maximum)	Feet	150 / 338	150 / 338	260 / 400	338 / 400	338 / 400	338 / 400	338 / 400	338 / 400	338 / 400	338 / 400	338 / 400
Proposed Bridges (Total Number of Structures per Alternative)	Structures	2	2	37	21	21	22	22	22	22	24	24
Proposed Bridges (Total Length of all Structures per Alternative)	Feet	265	360	20,848	12,332	12,427	12,197	12,292	11,680	11,775	6,000	6,095
Proposed Interchanges	Number	3	3	5	5	5	5	5	5	5	5	5
Projected 2045 Annual Average Daily Traffic (AADT) Volume		46.000			00 800							
(As Tolled Facility)	Vehicles	16,700		42,100	33,700	27,700	33,700	27,700	33,700	27,700	33,700	27,700
Physical							•					
Major Utility Conflicts - Existing	No. of Conflicts	2	2	2	4	4	4	4	4	4	4	4
Major Utility Conflicts - Planned	No. of Conflicts	0	0	0	0	0	1	1	1	1	0	0
Contamination Sites & Facilities	No. of Conflicts	0	0	2	2	2	2	2	1	1	1	1
Railroad Involvement	No. of Conflicts	1	1	0	1	1	1	1	1	1	1	1
Cultural Environment Effects												
Public Lands	Acres	0	0	56	162	162	166	166	112	112	56	56
Section 4(f) Coordinatin Required	Y/N	N	N	Υ	Υ	Υ	Υ	Υ	Υ	Y	N	N
(Public Recreation Lands, Wildlife Refuges, etc.)	Ţ			·			· ·	·				.,
Potential Historic Resources	No. of Conflicts	1	0	2	2	1	2	1	1	0	1	0
Potential Historic Linear Resources (Canals)	No. of Resources	3	2	2	5	4	5	4	5	4	5	4
Potential Archaelogical Resources	No. of Resources	1	1	1	1	1	1	1	1	1	2	2
Natural Environment				•	Leonor		1		1.0000000000000000000000000000000000000	1		
Water Features												
Ponds / Lakes	Acres	0	0	0	0	0	0	0	0	0	1	1
Canals/Regulated Floodways	No. of Conflicts	0	0	2 194	2	2	2	2	2	2	2	2
Flood Hazard Areas - 100 Year Floodplain Wetlands (Non-Forested and Forested)	Acres Acres	39 61	26 93	194	169 403	157 435	186 401	173 433	177 368	165 400	181 371	169 403
*Wetland Quality (Desktop Analysis)	Rating	2.6	2.81	110	4.9	4.9	4.9	4.9	4.7	4.7	4.7	4.7
Potential Habitat - Federal Listed Species	Acres	191	168		464	441	474	451	485	462	470	447
Potential Habitat - Peteral Listed Species  Potential Habitat - State Listed Species	Acres	163	143		489	469	501	481	496	476	487	467
Potential Bald Eagle Nest	Y/N	N N	N N	Υ	Υ Υ	Y	Y Y	Y	Y	Υ Υ	Υ Υ	Υ Υ
Potential Species Impacts (Composite Rating)	Rating	2.53	2.72	-	High	High	High	High	Medium	Medium	Low	Low
Conservation Easements	noung	2.55	2.72		111811	8	111811	111811	Wicdiani	Wicdiani	2011	LOW
World Gateway DRI, Eagles Roost, Split Oak	Acres	0	0		152	152	166	166	112	112	56	56
Split Oak - CR 15	Acres	0	0	0	1	1	0	0	0	0	0	0
Split Oak - Walmart	Acres	0	0	0	8	8	7	7	0	0	0	0
Split Oak - Total Impact (ROW + Remainder)	Acres	0	0	0	275	275	229	229	49	49	2	2
Social								•				
Right-of-Way Area (including proposed ponds)	Acres	312	246	546	812	746	813	747	837	771	854	787
Potential Residential Impacts (Includes Partial Impacts)	Total Parcels	24	22	291	410	408	374	372	370	368	451	449
Existing	Parcels	5	3	33	6	4	6	4	7	5	31	29
Planned	Parcels	19	19	258	404	404	368	368	363	363	420	420
Potential Non-Residential Impacts (Includes Partial Impacts)	Total Parcels	16	12	16	28	24	26	22	28	24	27	23
Existing	Parcels	16	12	16	21	17	21	17	21	17	18	14
Planned	Parcels	0	0	0	7	7	5	5	7	7	9	9
Community Facilities	No. of Conflicts	1	1	2	0	2	2	2	2	2	2	2
Parks and Recreational Facilities (Public and Private)	No. of Conflicts	0	0	5	6	0	0 6	0	0 4	0	0	0
Trails  Existing	No. of Conflicts	0	0	1	1	9	1	1	0	0	0	0
Planned	No. of Conflicts No. of Conflicts	3	3	1 4	5	5	1	5	4	4	5	0
Community Cohesion Effects	Ranking	Low	Low	4 Moderate	Low	Low	Low	Low	Low	Low	Low	Low
Socioeconomic Impacts to Special Populations	Ranking	High	High	iviouei ate	High	Medium	High	Medium	Medium	Medium	Low	Low
Proposed Development (PD)/Development of Regional Impact (DRI)	Acres	427	166	416	757	496	763	502	836	575	826	565
Estimated Costs	Acres	427	100	410	13,	450	703	302	030	3,3	020	303
Roadway Construction		\$115,200,000	\$101.000.000	\$327,900,000	\$317,600,000	\$303,400,000	\$309,100,000	\$294,900,000	\$306,200,000	\$292,000,000	\$295.800.000	\$281,600,000
Bridges Construction		\$14,300,000	\$15,200,000	\$179,000,000	\$44,100,000	\$45,000,000	\$42,100,000	\$43,000,000	\$38,600,000	\$39,500,000	\$87,700,000	\$88,600,000
Interchanges Construction		\$87,400,000	\$71,700,000	\$326,800,000	\$184,800,000	\$169,100,000	\$194,300,000	\$178,600,000	\$212,400,000	\$196,700,000	\$202,500,000	\$186,800,000
Toll Collection Equipment		\$2,100,000	\$2,100,000	\$4,600,000	\$4,600,000	\$4,600,000	\$4,600,000	\$4,600,000	\$4,600,000	\$4,600,000	\$4,600,000	\$4,600,000
Right-of-Way Costs (including proposed ponds)		\$173,000,000	\$259,300,000	\$355,000,000	\$473,100,000	\$559,400,000	\$411,500,000	\$497,800,000	\$526,300,000	\$612,600,000	\$510,900,000	\$597,200,000
Mitigation, Wetlands, & Wildlife		\$16,300,000	\$19,000,000	\$34,400,000	\$68,100,000	\$70,800,000	\$67,800,000	\$70,500,000	\$61,900,000	\$64,600,000	\$60,100,000	\$62,800,000
Total Estimated Alternative Costs		\$408,300,000	\$468,300,000	\$1,227,700,000	\$1,092,300,000	\$1,152,300,000	\$1,029,400,000	\$1,089,400,000	\$1,150,000,000	\$1,210,000,000	\$1,161,600,000	\$1,221,600,000
Projected Traffic Revenue (2045)		TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD