

Southport Connector Corridors Environmental Evaluation Matrix

Category	Evaluation Criteria	Unit of Measure	Southport Connector Corridor												
			1	2	3	4	5	6	7	8	9	10	11	12	13
			A-B-C-D	E-F-G-D	E-F-H-I	E-F-J-K-L-I	E-F-J-K-M-N	E-F-J-O-T-N	E-P-Q-R	E-P-Q-S-T-N	E-P-U-R	E-P-U-S-T-N	E-V	E-W	E-X
Social	Potential Residential Displacements	Number	18	15	11	11	11	11	11	11	11	11	11	11	11
	Potential Non-residential Displacements	Number	4	11	11	11	11	11	11	11	11	11	11	11	11
	Community Facilities Displacements	Number	1	0	0	0	0	0	0	0	0	0	0	0	0
	Neighborhoods	Number	2	3	3	3	3	3	3	3	3	3	3	3	3
	Community Cohesion (Effect on residential connectivity and social interactions)	Degree ^[2]	7	5	5	5	5	5	5	5	5	5	5	5	5
Cultural	Potential Section 106 Resources ^[1]	No. of affected historic and arch. resources	0	2	2	2	2	2	2	2	2	2	2	2	2
	Potential 4(f) Resources ^[3]	Number	1	3	3	3	3	3	3	3	3	3	3	3	3
Natural	Approved Mitigation Banks/ Conservation Lands	Acres	8	5	5	5	5	5	5	5	5	5	5	5	5
	Snail Kite Involvement	Degree ^[4]	10	10	10	1	1	1	1	1	1	1	1	1	1
	FL Grasshopper Sparrow Involvement	Degree ^[4]	1	1	1	3	3	3	3	3	3	3	2	2	2
	Bald Eagle Involvement	Degree ^[4]	2	2	1	4	4	4	3	3	3	3	4	3	3
	Audubon's Crested Caracara Involvement	Degree ^[4]	5	5	3	9	9	6	6	6	6	7	7	6	6
	Total Degree		18	18	15	17	17	14	13	13	13	14	14	12	12
	Non-forested Wetlands	Acres	33	34	11	9	7	8	30	24	38	33	32	24	24
	Forested Wetlands	Acres	149	85	103	73	62	58	67	55	70	58	102	107	72
	Total Wetlands	Acres	182	119	114	82	69	66	97	79	108	91	134	131	96
	Water Features	Acres	134	111	187	4	5	5	3	3	3	3	3	3	
Physical	Floodplain Impacts	Acres	325	260	351	207	173	215	221	204	243	224	278	276	227
	Floodway Impacts	Acres	50	15	15	15	15	15	15	15	15	15	15	15	15
	Prime and Unique Farmlands Soils	Acres	188	303	222	321	356	375	302	343	303	256	347	313	332

Notes:

[1] Brown's Landing Mound C (not evaluated by SHPO); SFWMD C-35 (not evaluated by SHPO)

[2] Corridor 1 was given a higher degree of effect since it bisects the rural residential neighborhoods along Reaves Road and Kissimmee Park Road. The remaining corridors do not bisect existing communities or utilize the existing Cypress Parkway corridor.

[3] Corridor 1 potentially impacts the Mac Overstreet Regional Park. Corridors 2-13 potentially impact the SFWMD - Lake Russell Property (Osceola County Environmental Study Center), Vance Harmon Park, and Poinciana Predators Field.

[4] The degree of effect for species was based on the analysis contained in Appendix 2 Listed Species Evaluation.