

Appendix E. **Potential Environmental Resource
Considerations**

Potential Environmental Resource Considerations

UID	Project Name	Project Limits	Description	Project Type	Coastal Resources	Protected Species and Habitat					
					Coastal Barrier Resource System ¹	USFWS Critical Habitat (Designated Species) ²	NMFS Critical Habitat (Designated Species) ³	Florida Ecological Greenways Network ⁴		National Wildlife Refuges ⁵	
					Within Coastal Barrier Resource System? (Yes / No)	Number	Number	Type	Acreege	Number	Acreege
GIS-0007	Babcock St*	Micco Rd / Deer Run Rd to SR 514 (Malabar Rd)	Widen to 4 Lanes	Capacity	No	-	-	Priority 4	269.32	-	-
GIS-0014	Barnes Blvd	Murrell Rd to US 1	Widen to 4 Lanes	Capacity	No	-	-	OUT	-	-	-
GIS-0021	Cape Canaveral Spaceport ITS (NASA Cswy / Indian River Bridge)	East of US 1 to Space Commerce Way	ITS Infrastructure	Operational	No	1	1	Priority 2	330.92	1	270.77
GIS-0022	Christa McAuliffe Drawbridge (SR 3)	Sea Ray Dr to Grant Rd / Smith Rd	Bridge Replacement	Bridge Replacement	No	1	-	OUT	-	-	-
GIS-0024	Cocoa Multimodal Hub	Cocoa Multimodal Hub access via SR 501 (Clearlake Rd)	Passenger Rail	Passenger Rail / Transit	No	-	-	OUT	-	-	-
GIS-0029	Dairy Rd	US 192 to Hibiscus Blvd	Widen to 4 Lanes	Capacity	No	-	-	OUT	-	-	-
GIS-0033	Dixon Blvd	SR 501 (Clearlake Rd) to US 1	Complete Street Feasibility Study	Complete Street	No	-	-	OUT	-	-	-
GIS-0039	Ellis Rd	I-95 / John Rodes Blvd to Wickham Rd	Widening	Capacity	No	-	-	OUT	-	-	-
GIS-0043	Fellsmere Connector	Indian River County Line to Degroot Rd	New 2 Lane Roadway	Capacity	No	-	-	Priority 4	386.08	-	-
GIS-0057	Grissom Pkwy	Industry Rd to Kings Hwy	Widen to 4 Lanes	Capacity	No	-	-	Priority 1 - Critical Linkages	5.78	-	-
GIS-0064	Hollywood Blvd	Palm Bay Rd to US 192	Widen to 4 Lanes	Capacity	No	-	-	OUT	-	-	-
GIS-0066	Hubert Humphrey Bridge (SR 520)	Delannoy Ave to Myrtice Ave	Bridge Replacement	Bridge Replacement	No	1	1	OUT	-	-	-
GIS-0067	I-95	St. Johns Heritage Pkwy to SR 519 (Fiske Blvd)	Widen to 8 Lanes	Capacity	No	-	-	Priority 1 - Critical Linkages	112.75	-	-
GIS-0068	I-95 Interchange	at SR 524	Operational Improvements	Operational	No	-	-	OUT	-	-	-
GIS-0069	I-95 Interchange	at SR 514 (Malabar Rd)	Safety / Operational Improvements	Operational	No	-	-	OUT	-	-	-
GIS-0070	Indian River Linear Trail (US 1)	Carolin St to Laurie St	Trail / East Coast Greenway	Safety	No	1	1	OUT	-	-	-
GIS-0080	Lake Andrew Dr	Pineda Cswy to Ivanhoe Dr	Widen to 4 Lanes	Capacity	No	-	-	Priority 1 - Critical Linkages	267.98	-	-
GIS-0085	Malabar Rd	St. Johns Heritage Pkwy to Minton Rd	Widen to 4 Lanes	Capacity	No	-	-	Priority 1 - Critical Linkages	25.13	-	-
GIS-0089	Micco Rd	Babcock St to US 1	Widen to 4 Lanes	Capacity	No	1	1	Priority 4	642.72	-	-
GIS-0094	Minton Rd	Jupiter Blvd to Malabar Rd	Planning Study to Widen to 4 Lanes	Capacity	No	-	-	OUT	-	-	-
GIS-0095	Minton Rd	Palm Bay Rd to US 192	Intersection Improvements / Sidewalk	Complete Street	No	-	-	OUT	-	-	-
GIS-0107	Norfolk Pkwy Extension (West)	St. Johns Heritage Pkwy to Beginning of Norfolk Pkwy	New 4 Lane Roadway	Capacity	No	-	-	Priority 1 - Critical Linkages	91.18	-	-
GIS-0112	Palm Bay Rd/Minton Rd/Emerson Dr	Emerson Dr to Palm Bay Rd	Intersection Improvements	Operational	No	-	-	OUT	-	-	-
GIS-0153	Spyglass Hill Rd Extension	Lake Andrew Dr to Beginning of Spyglass Hill Rd	New I-95 Overpass	Developer	No	-	-	OUT	-	-	-
GIS-0158	SR 401 Bridge Replacement	SR 528 to Charles M. Rowland Dr	Bridge Replacement	Bridge Replacement	No	1	1	Priority 5	16.23	1	14.61
GIS-0162	SR 405 (South St)	SR 50 (Cheney Hwy) to US 1	Widen to 4 Lanes	Capacity	No	-	-	OUT	-	-	-
GIS-0164	SR 406 (Garden St)	I-95 to US 1	Widen to 6 Lanes	Capacity	No	-	-	OUT	-	-	-
GIS-0166	SR 407 (Challenger Memorial Pkwy)	SR 528 to SR 405 (Columbia Blvd)	Widen to 4 Lanes	Capacity	No	-	-	Priority 1 - Critical Linkages	587.12	1	110.52
GIS-0167	SR 46 (Main St)	I-95 to US 1	Widen to 4 Lanes	Capacity	No	-	-	OUT	-	-	-
GIS-0168	SR 46 (Main St)	Volusia County Line to I-95	Widen to 4 Lanes	Capacity	No	-	-	Priority 1 - Critical Linkages / Priority 5	438.34 / 15.35	-	-
GIS-0172	SR 501 (Clearlake Rd)	Michigan Ave to SR 524 (Industry Rd)	Widen to 4 Lanes (with Roundabout)	Capacity	No	-	-	OUT	-	-	-
GIS-0174	SR 507 (Babcock St)	Palm Bay Rd to US 192	Complete Street	Complete Street	No	-	-	OUT	-	-	-
GIS-0175	SR 507 (Babcock St)	SR 514 (Malabar Rd) to Palm Bay Rd	Widen to 6 Lanes	Capacity	No	1	1	Priority 4	642.94	-	-
GIS-0176	SR 507 (Babcock St) at SR 514 (Malabar Rd)	Canova St to Biddle St	Intersection Improvements	Operational	No	-	-	OUT	-	-	-
GIS-0177	SR 514 (Malabar Rd)	SR 507 (Babcock St) to US 1	Widen to 4 Lanes	Capacity	Yes	1	1	Priority 4	109.42	-	-
GIS-0181	SR 518 (Eau Gallie Blvd)	at SR 5054 (Sarno Rd)	Intersection Improvements	Operational	No	-	-	OUT	-	-	-
GIS-0185	SR 519 (Fiske Blvd)	Rosa L. Jones Dr to SR 520 (King St)	Curb & Gutter / Complete Street	Safety	No	-	-	OUT	-	-	-
GIS-0186	SR 519 (Fiske Blvd)	at Roy Wall Blvd	Intersection Improvements	Operational	No	-	-	OUT	-	-	-
GIS-0189	SR 520 (Cocoa Beach Cswy)	S Banana River Dr to SR A1A	Vulnerability Analysis	Safety	No	1	1	OUT	-	-	-
GIS-0194	SR 524	S Friday Rd to SR 524 (Industry Rd)	Widen to 4 Lanes	Capacity	No	-	-	OUT	-	-	-
GIS-0198	SR 528	SR 520 to SR 407 (Challenger Memorial Pkwy)	Widen to 6 Lanes	Capacity	No	-	-	Priority 1 - Critical Linkages	783.72	1	9.15
GIS-0199	SR 528	East of SR 3 (Courtenay Pkwy) to SR 401 (Port Canaveral Connector)	Widen to 6 Lanes (with Trail)	Capacity	No	1	1	Priority 2 / Priority 5	14.01 / 105.64	-	-
GIS-0200	SR 528	East of SR 524 (Industry Rd) to East of SR 3 (Courtenay Pkwy)	Widen to 6 Lanes (with Trail)	Capacity	No	1	1	OUT	-	-	-
GIS-0210	SR A1A Cape Canaveral Complete Street	Long Point Rd to George King Blvd	Complete Street (with Curb & Gutter / Median)	Complete Street	No	1	1	OUT	-	-	-
GIS-0218	SR A1A Complete Street Feasibility Study	SR 520 to International Dr	Complete Street Feasibility Study	Complete Street	No	-	-	OUT	-	-	-
GIS-0219	SR A1A NB Curb and Gutter	2nd St to Sunflower St	Curb & Gutter	Safety	No	1	2	OUT	-	-	-
GIS-0223	St. Johns Heritage Pkwy S	Babcock St to Malabar Rd	New Roadway	Capacity	No	-	-	Priority 1 - Critical Linkages / Priority 5	168.35 / 121.65	-	-
GIS-0224	St. Johns Heritage Pkwy S	I-95 to Micco Rd	New Roadway	Capacity	No	-	-	Priority 4	289.11	-	-

Potential Environmental Resource Considerations

UID	Project Name	Project Limits	Description	Project Type	Coastal Resources	Protected Species and Habitat					
					Coastal Barrier Resource System ¹	USFWS Critical Habitat (Designated Species) ²	NMFS Critical Habitat (Designated Species) ³	Florida Ecological Greenways Network ⁴		National Wildlife Refuges ⁵	
					Within Coastal Barrier Resource System? (Yes / No)	Number	Number	Type	Acreage	Number	Acreage
GIS-0239A	US 1	at Barnes Blvd	Intersection Improvements	Operational	No	-	-	OUT	-	-	-
GIS-0239B	US 1	at Viera Blvd	Intersection Improvements	Operational	No	-	-	OUT	-	-	-
GIS-0256	US 192	Dairy Rd to SR 507 (Babcock St)	Widen 6 Lanes	Capacity	No	-	-	OUT	-	-	-
GIS-0257	US 192	Coastal Ln to Wickham Rd	Widen 6 Lanes	Capacity	No	-	-	OUT	-	-	-
GIS-0258	US 192	St. Johns Heritage Pkwy to Coastal Ln	Widen to 6 Lanes / Interchange Improvements	Capacity	No	-	-	Priority 1 - Critical Linkages	16.46	-	-
GIS-0259	US 192	Wickham Rd to Dairy Rd	Widen to 6 Lanes	Capacity	No	-	-	OUT	-	-	-
GIS-0264	Viera Blvd	at Murrell Rd	Intersection Improvements	Operational	No	-	-	OUT	-	-	-
GIS-0266	Washingtonia Extension	St. Johns Heritage Pkwy to Beginning of Lake Andrew Dr	New Roadway (Parallel & West of I-95)	Capacity	No	-	-	Priority 1 - Critical Linkages	312.46	-	-
GIS-0273	Wickham Rd	at Post Rd	Intersection Improvements	Operational	No	-	-	OUT	-	-	-
GIS-0274	Wickham Rd	at Pineda Cswy	Intersection Improvements	Operational	No	-	-	OUT	-	-	-
GIS-0277	Wickham Rd	Aurora Rd to Northgate St	Intersection Improvements / Sidewalk	Complete Street	No	-	-	OUT	-	-	-
GIS-0278	Wickham Rd	at Lake Washington Rd	Intersection Improvements	Operational	No	-	-	OUT	-	-	-
GIS-0280	SR 518 (Eau Gallie Blvd)	at Wickham Rd	Intersection Improvements	Operational	No	-	-	OUT	-	-	-
GIS-0282	Williamson Blvd	Brevard-Farmon Mixed Use to Volusia County Line	New Roadway	Capacity	No	-	-	Priority 1 - Critical Linkages	316.47	-	-
GIS-0295	Stadium Pkwy	Pineda Blvd to Judge Fran Jamieson Way	Widen to 4 Lanes	Capacity	No	-	-	Priority 1 - Critical Linkages	163.90	-	-
GIS-0300	Space Coast Area Transit Transfer Center	Space Coast Area Transit Transfer Center access via Varr Ave	Transit	Passenger Rail / Transit	No	-	-	OUT	-	-	-
GIS-0301	Eyster Blvd	SR 519 (Fiske Blvd) to Murrell Rd	Widen to 4 Lanes	Capacity	No	-	-	OUT	-	-	-
GIS-0302	Pirate Ln / Commerce Park Dr East-West Connector	SR 507 (Babcock St) to R. J. Conlan Blvd	Realignment	Capacity	No	-	-	OUT	-	-	-
GIS-0303	St. Johns Heritage Pkwy	Malabar Rd to US 192	Widen to 4 Lanes	Capacity	No	-	-	Priority 1 - Critical Linkages / Priority 5	609.14 / 13.34	-	-
GIS-0305	Girard Blvd	Windsor Dr to N Banana River Dr	Bridge Replacement	Bridge Replacement	No	1	-	OUT	-	-	-
GIS-0306	W Central Ave	Amberjack Ct to N Banana River Dr	Bridge Replacement	Bridge Replacement	No	1	-	OUT	-	-	-
GIS-0307	SR 46 (Main St)	at US 1	Intersection Improvements	Operational	No	-	-	OUT	-	-	-
GIS-0308	Judge Fran Jamieson Way	at Lake Andrew Dr	Intersection Improvements	Operational	No	-	-	OUT	-	-	-
GIS-0313	Cross City Trail	Cogan Drive to Walpole Road	Trail / Pedestrian Bridges	Safety	No	-	-	OUT	-	-	-
GIS-0315	SR 518 (Eau Gallie Blvd)	Riverside Dr to SR A1A	Complete Street / Drainage	Complete Street	No	2	3	OUT	-	-	-
GIS-0316	SR 404 WB Off Ramp	at S Patrick Drive	Operations and Moving Patrick Space Force Base Gate	Operational	No	-	-	OUT	-	-	-
GIS-0317	Woody Burke Rd	Hibiscus Blvd to NASA Blvd	Widening	Capacity	No	-	-	OUT	-	-	-
GIS-0318	New Haven Ave	US 192 to Livingston St	Streetscape	Safety	No	-	-	OUT	-	-	-

Notes: Linework for GIS-0104 Melbourne-Orlando International Airport Traffic Circulation Analysis from Wickham Rd to Babcock St (Planning Study of Operational Improvements/Roadway Realignment) was added after an Environmental Screening Tool Area of Interest Analysis was performed for the 2050 LRTP Needs Projects.

* This project has recently been split into 5 separate projects: GIS-0007 Babcock St at I-95, GIS-0319 Micco Rd / Deer Run Rd to Mara Loma Blvd, GIS-0320 Mara Loma Blvd to Valkaria Rd, GIS-0321 Valkaria Rd to Convair St, and GIS-0322 Convair St to SR 514 (Malabar Rd).

Sources: 1 United States Fish and Wildlife Service (USFWS) John H. Chafee Coastal Barrier Resources System (CBRS) - 2024.

2 United States Fish and Wildlife Service (USFWS) Critical Habitat - Dec 2024.

3 National Marine Fisheries Service (NMFS) Critical Habitat - Feb 2024.

4 University of Florida (UF) Florida Ecological Greenways Network - 2021.

5 United States Fish and Wildlife Service (USFWS) National Wildlife Refuge Boundaries - 2021.

6 Florida Natural Areas Inventory (FNAI) Florida Forever Acquisitions - Aug 2024.

7 Florida Natural Areas Inventory (FNAI) Florida Managed Areas - Sep 2024.

8 Florida Natural Areas Inventory (FNAI) Florida Forever Board of Trustees Projects - Sep 2024.

9 University of Florida GeoPlan (GEOPLAN) Parks & Recreational Facilities Boundaries - Dec 2023.

10 Florida Department of Environmental Protection (FDEP) Verified Impaired Waters - Mar 2024.

11 Florida Department of Environmental Protection (FDEP) Aquatic Preserve Boundaries - Aug 2024.

12 Florida Department of Environmental Protection (FDEP) Outstanding Florida Waters - Jul 2024.

13 Federal Emergency Management Agency (FEMA) Digital Flood Insurance Rate Map (DFIRM) Flood Hazard Zones - Apr 2024.

14 Federal Emergency Management Agency (FEMA) Digital Flood Insurance Rate Map (DFIRM) Regulatory Floodway - Dec 2024.

15 United States Fish and Wildlife Service (USFWS) National Wetlands Inventory - May 2024.

16 United States Army Corps of Engineers (USACE) Mitigation Bank & In-Lieu Fee Program Sites - 2024.

17 Sea Level Rise (SLR) 2100 National Oceanic and Atmospheric Administration (NOAA) 2017 High - 2020.

Potential Environmental Resource Considerations

UID	Project Name	Project Limits	Recreational and Protected Lands						Water Resources			Floodplains			Wetlands & Surface Waters		Sea Level Rise
			Florida Forever Acquisitions ⁶	Florida Managed Areas ⁷		Florida Forever Board of Trustees Projects ⁸		Parks ⁹	Verified Impaired Waters ¹⁰	Aquatic Preserves ¹¹	Outstanding Florida Waters ¹²	100-Year Floodplain ¹³	500-Year Floodplain ¹³	Regulatory Floodway ¹⁴	Wetlands ¹⁵	Mitigation Bank Service Areas ¹⁶	NOAA 2100 Sea Level Rise Projection - High Scenario (Depth of Flooding) ₁₇
			Acreage	Number	Acreage	Number	Acreage	Number	Number	Number	Number	Acreage	Acreage	Within Regulatory Floodway? (Yes / No)	Acreage	Number	Inundation Acreage
GIS-0007	Babcock St*	Micco Rd / Deer Run Rd to SR 514 (Malabar Rd)	11.05	3	46.30	3	107.94	1	2	-	-	185.65	187.53	No	107.84	5	No Flooding
GIS-0014	Barnes Blvd	Murrell Rd to US 1	10.22	1	24.51	1	37.65	1	2	-	-	37.78	37.78	No	11.12	12	0.09
GIS-0021	Cape Canaveral Spaceport ITS (NASA Cswy / Indian River Bridge)	East of US 1 to Space Commerce Way	-	1	349.24	1	17.79	-	2	-	1	505.33	538.64	No	469.43	4	336.81
GIS-0022	Christa McAuliffe Drawbridge (SR 3)	Sea Ray Dr to Grant Rd / Smith Rd	-	-	-	-	-	-	1	-	-	5.46	5.78	No	5.92	3	25.53
GIS-0024	Cocoa Multimodal Hub	Cocoa Multimodal Hub access via SR 501 (Clearlake Rd)	-	-	-	-	-	-	1	-	-	0.91	1.16	No	0.21	11	No Flooding
GIS-0029	Dairy Rd	US 192 to Hibiscus Blvd	-	-	-	-	-	-	1	-	-	1.38	1.51	Yes	0.75	3	No Flooding
GIS-0033	Dixon Blvd	SR 501 (Clearlake Rd) to US 1	-	-	-	-	-	-	1	-	-	-	2.22	No	0.41	12	No Flooding
GIS-0039	Ellis Rd	I-95 / John Rodes Blvd to Wickham Rd	-	-	-	-	-	-	-	-	-	29.48	48.65	No	11.66	3	No Flooding
GIS-0043	Fellsmere Connector	Indian River County Line to Degroot Rd	-	-	-	1	220.64	-	1	-	-	819.27	915.79	No	296.18	4	No Flooding
GIS-0057	Grissom Pkwy	Industry Rd to Kings Hwy	10.61	1	89.31	2	246.36	1	-	-	-	185.38	185.38	No	113.48	8	No Flooding
GIS-0064	Hollywood Blvd	Palm Bay Rd to US 192	-	-	-	-	-	2	2	-	-	-	-	No	38.39	5	No Flooding
GIS-0066	Hubert Humphrey Bridge (SR 520)	Delannoy Ave to Myrtice Ave	2.83	-	-	-	-	4	2	-	-	109.17	120.51	No	95.64	3	40.25
GIS-0067	I-95	St. Johns Heritage Pkwy to SR 519 (Fiske Blvd)	-	-	-	-	-	1	3	-	-	417.98	455.22	No	216.01	11	No Flooding
GIS-0068	I-95 Interchange	at SR 524	-	-	-	-	-	-	1	-	-	5.29	5.29	No	0.26	7	No Flooding
GIS-0069	I-95 Interchange	at SR 514 (Malabar Rd)	-	-	-	-	-	-	1	-	-	-	-	No	1.82	5	No Flooding
GIS-0070	Indian River Linear Trail (US 1)	Carolyn St to Laurie St	-	-	-	-	-	1	3	-	-	97.06	97.85	No	90.80	3	6.29
GIS-0080	Lake Andrew Dr	Pineda Cswy to Ivanhoe Dr	-	-	-	-	-	-	1	-	-	93.06	93.06	No	17.06	9	No Flooding
GIS-0085	Malabar Rd	St. Johns Heritage Pkwy to Minton Rd	-	-	-	-	-	-	1	-	-	44.31	128.82	No	16.97	3	No Flooding
GIS-0089	Micco Rd	Babcock St to US 1	-	2	268.76	3	549.91	1	3	1	1	163.06	164.94	No	88.51	5	1.13
GIS-0094	Minton Rd	Jupiter Blvd to Malabar Rd	-	-	-	-	-	1	1	-	-	-	11.05	No	12.02	3	No Flooding
GIS-0095	Minton Rd	Palm Bay Rd to US 192	-	-	-	-	-	4	1	-	-	-	-	No	18.31	5	No Flooding
GIS-0107	Norfolk Pkwy Extension (West)	St. Johns Heritage Pkwy to Beginning of Norfolk Pkwy	-	-	-	-	-	-	1	-	-	-	92.61	No	20.25	3	No Flooding
GIS-0112	Palm Bay Rd/Minton Rd/Emerson Dr	Emerson Dr to Palm Bay Rd	-	-	-	-	-	-	1	-	-	-	-	No	0.66	3	No Flooding
GIS-0153	Spyglass Hill Rd Extension	Lake Andrew Dr to Beginning of Spyglass Hill Rd	-	-	-	-	-	-	1	-	-	8.67	8.67	No	2.59	9	No Flooding
GIS-0158	SR 401 Bridge Replacement	SR 528 to Charles M. Rowland Dr	-	-	-	-	-	1	1	-	-	38.05	71.41	No	28.57	3	45.63
GIS-0162	SR 405 (South St)	SR 50 (Cheney Hwy) to US 1	-	-	-	-	-	1	3	-	-	125.41	181.67	No	205.91	10	0.72
GIS-0164	SR 406 (Garden St)	I-95 to US 1	2.76	1	1.74	1	0.98	2	2	-	-	9.64	18.68	No	6.27	10	24.59
GIS-0166	SR 407 (Challenger Memorial Pkwy)	SR 528 to SR 405 (Columbia Blvd)	-	3	75.52	1	73.67	-	2	-	1	390.20	451.63	No	382.83	10	0.09
GIS-0167	SR 46 (Main St)	I-95 to US 1	1.52	1	1.52	-	-	-	-	-	-	76.06	76.06	No	58.82	10	No Flooding
GIS-0168	SR 46 (Main St)	Volusia County Line to I-95	-	2	243.83	-	-	1	-	-	-	175.81	249.40	No	112.21	7	84.10
GIS-0172	SR 501 (Clearlake Rd)	Michigan Ave to SR 524 (Industry Rd)	-	-	-	-	-	-	-	-	-	-	0.35	No	14.32	9	No Flooding
GIS-0174	SR 507 (Babcock St)	Palm Bay Rd to US 192	-	-	-	-	-	1	1	-	-	17.99	19.25	Yes	29.95	3	21.35
GIS-0175	SR 507 (Babcock St)	SR 514 (Malabar Rd) to Palm Bay Rd	-	2	268.66	3	549.81	1	4	1	1	209.77	212.63	Yes	118.03	5	No Flooding
GIS-0176	SR 507 (Babcock St) at SR 514 (Malabar Rd)	Canova St to Biddle St	-	-	-	-	-	-	-	-	-	-	-	No	6.01	3	No Flooding
GIS-0177	SR 514 (Malabar Rd)	SR 507 (Babcock St) to US 1	-	2	41.75	2	46.08	4	1	1	1	37.81	42.75	Yes	54.50	3	0.31
GIS-0181	SR 518 (Eau Gallie Blvd)	at SR 5054 (Sarno Rd)	-	-	-	-	-	-	2	-	-	-	-	No	2.86	6	No Flooding
GIS-0185	SR 519 (Fiske Blvd)	Rosa L. Jones Dr to SR 520 (King St)	-	-	-	-	-	2	-	-	-	-	-	No	-	9	No Flooding
GIS-0186	SR 519 (Fiske Blvd)	at Roy Wall Blvd	-	-	-	-	-	-	1	-	-	2.97	5.16	No	0.98	9	No Flooding
GIS-0189	SR 520 (Cocoa Beach Cswy)	S Banana River Dr to SR A1A	-	-	-	-	-	3	1	1	1	330.68	380.81	No	269.95	3	132.49
GIS-0194	SR 524	S Friday Rd to SR 524 (Industry Rd)	-	-	-	-	-	1	1	-	-	58.07	70.20	No	41.90	10	No Flooding
GIS-0198	SR 528	SR 520 to SR 407 (Challenger Memorial Pkwy)	-	2	374.65	-	-	-	2	-	1	284.69	357.04	No	328.20	7	3.61
GIS-0199	SR 528	East of SR 3 (Courtenay Pkwy) to SR 401 (Port Canaveral Connector)	-	1	21.96	1	35.73	1	2	1	1	270.78	397.42	No	216.76	3	355.03
GIS-0200	SR 528	East of SR 524 (Industry Rd) to East of SR 3 (Courtenay Pkwy)	-	-	-	-	-	-	1	-	-	188.10	225.26	No	184.46	13	78.62
GIS-0210	SR A1A Cape Canaveral Complete Street	Long Point Rd to George King Blvd	-	-	-	-	-	1	1	-	-	8.38	65.28	No	7.09	3	137.48
GIS-0218	SR A1A Complete Street Feasibility Study	SR 520 to International Dr	-	-	-	-	-	7	1	-	-	7.12	77.17	No	-	3	93.82
GIS-0219	SR A1A NB Curb and Gutter	2nd St to Sunflower St	-	-	-	-	-	3	1	-	-	9.71	12.36	No	6.73	3	29.51
GIS-0223	St. Johns Heritage Pkwy S	Babcock St to Malabar Rd	-	2	97.75	-	-	-	1	-	-	1,168.85	1,422.41	No	243.81	4	No Flooding
GIS-0224	St. Johns Heritage Pkwy S	I-95 to Micco Rd	14.91	1	56.78	1	65.52	-	1	-	-	156.47	156.47	No	63.81	3	No Flooding

Potential Environmental Resource Considerations

UID	Project Name	Project Limits	Recreational and Protected Lands					Water Resources			Floodplains			Wetlands & Surface Waters		Sea Level Rise	
			Florida Forever Acquisitions ⁶	Florida Managed Areas ⁷		Florida Forever Board of Trustees Projects ⁸	Parks ⁹	Verified Impaired Waters ¹⁰	Aquatic Preserves ¹¹	Outstanding Florida Waters ¹²	100-Year Floodplain ¹³	500-Year Floodplain ¹³	Regulatory Floodway ¹⁴	Wetlands ¹⁵	Mitigation Bank Service Areas ¹⁶	NOAA 2100 Sea Level Rise Projection - High Scenario (Depth of Flooding) ¹⁷	
			Acreage	Number	Acreage	Number	Acreage	Number	Number	Number	Number	Acreage	Acreage	Within Regulatory Floodway? (Yes / No)	Acreage	Number	Inundation Acreage
GIS-0239A	US 1	at Barnes Blvd	-	-	-	-	-	-	1	-	-	7.04	7.04	No	5.47	3	0.90
GIS-0239B	US 1	at Viera Blvd	-	-	-	1	3.59	-	1	-	-	0.15	0.69	No	0.32	3	4.85
GIS-0256	US 192	Dairy Rd to SR 507 (Babcock St)	-	-	-	-	-	2	1	-	-	2.13	2.47	Yes	4.05	3	No Flooding
GIS-0257	US 192	Coastal Ln to Wickham Rd	-	-	-	-	-	1	1	-	-	-	0.37	No	2.21	5	No Flooding
GIS-0258	US 192	St. Johns Heritage Pkwy to Coastal Ln	-	-	-	-	-	-	2	-	-	48.98	55.94	No	11.06	6	No Flooding
GIS-0259	US 192	Wickham Rd to Dairy Rd	-	-	-	-	-	1	2	-	-	-	-	No	2.37	5	No Flooding
GIS-0264	Viera Blvd	at Murrell Rd	-	-	-	-	-	-	-	-	-	0.42	0.42	No	0.08	9	No Flooding
GIS-0266	Washington Extension	St. Johns Heritage Pkwy to Beginning of Lake Andrew Dr	-	-	-	-	-	-	3	-	-	345.06	372.56	No	175.54	9	No Flooding
GIS-0273	Wickham Rd	at Post Rd	-	-	-	-	-	-	2	-	-	3.71	3.71	No	-	9	No Flooding
GIS-0274	Wickham Rd	at Pineda Cswy	-	-	-	-	-	-	1	-	-	12.55	12.55	No	7.41	3	No Flooding
GIS-0277	Wickham Rd	Aurora Rd to Northgate St	-	-	-	-	-	-	1	-	-	0.07	1.83	No	-	3	No Flooding
GIS-0278	Wickham Rd	at Lake Washington Rd	-	-	-	-	-	1	1	-	-	-	-	No	0.46	6	No Flooding
GIS-0280	SR 518 (Eau Gallie Blvd)	at Wickham Rd	-	-	-	-	-	-	1	-	-	-	-	No	0.96	3	No Flooding
GIS-0282	Williamson Blvd	Brevard-Farmon Mixed Use to Volusia County Line	-	1	180.63	1	10.16	-	-	-	-	217.77	217.77	No	105.66	8	No Flooding
GIS-0295	Stadium Pkwy	Pineda Blvd to Judge Fran Jamieson Way	-	-	-	-	-	-	1	-	-	17.59	17.59	No	36.98	9	No Flooding
GIS-0300	Space Coast Area Transit Transfer Center	Space Coast Area Transit Transfer Center access via Varr Ave	-	-	-	-	-	1	-	-	-	-	-	No	0.20	9	No Flooding
GIS-0301	Eyster Blvd	SR 519 (Fiske Blvd) to Murrell Rd	-	-	-	-	-	-	1	-	-	6.65	16.58	No	3.03	9	No Flooding
GIS-0302	Pirate Ln / Commerce Park Dr East-West Connector	SR 507 (Babcock St) to R. J. Conlan Blvd	-	-	-	-	-	-	2	-	-	-	-	No	17.64	3	No Flooding
GIS-0303	St. Johns Heritage Pkwy	Malabar Rd to US 192	-	-	-	-	-	1	2	-	-	384.17	589.47	No	38.35	4	No Flooding
GIS-0305	Girard Blvd	Windsor Dr to N Banana River Dr	-	-	-	1	3.87	-	1	-	-	11.71	17.27	No	7.55	3	28.59
GIS-0306	W Central Ave	Amberjack Ct to N Banana River Dr	-	-	-	-	-	-	1	-	-	9.76	28.69	No	10.23	3	38.28
GIS-0307	SR 46 (Main St)	at US 1	-	-	-	-	-	-	-	-	-	-	-	No	-	10	No Flooding
GIS-0308	Judge Fran Jamieson Way	at Lake Andrew Dr	-	-	-	-	-	1	1	-	-	-	-	No	5.02	9	No Flooding
GIS-0313	Cross City Trail	Cogan Drive to Walpole Road	-	-	-	-	-	1	1	-	-	0.10	18.63	No	28.54	3	No Flooding
GIS-0315	SR 518 (Eau Gallie Blvd)	Riverside Dr to SR A1A	-	-	-	-	-	3	2	-	-	9.12	33.16	No	2.04	5	89.09
GIS-0316	SR 404 WB Off Ramp	at S Patrick Drive	-	1	23.42	-	-	1	1	-	-	1.73	43.94	No	1.36	3	44.09
GIS-0317	Woody Burke Rd	Hibiscus Blvd to NASA Blvd	-	-	-	-	-	-	1	-	-	-	-	No	4.98	3	No Flooding
GIS-0318	New Haven Ave	US 192 to Livingston St	-	-	-	-	-	1	3	-	-	-	-	No	2.42	3	0.95

Linework for GIS-0104 Melbourne-Orlando International Airport Traffic Circulation Analysis from Wickham Rd to Babcock St (Planning Study of Operational Notes: Improvements/Roadway Realignment) was added after an Environmental Screening Tool Area of Interest Analysis was performed for the 2050 LRTP Needs Projects.

* This project has recently been split into 5 separate projects: GIS-0007 Babcock St at I-95, GIS-0319 Micco Rd / Deer Run Rd to Mara Loma Blvd, GIS-0320 Mara Loma Blvd to Valkaria Rd, GIS-0321 Valkaria Rd to Convoir St, and GIS-0322 Convoir St to SR 514 (Malabar Rd).

Sources: 1 United States Fish and Wildlife Service (USFWS) John H. Chafee Coastal Barrier Resources System (CBRS) - 2024.

2 United States Fish and Wildlife Service (USFWS) Critical Habitat - Dec 2024.

3 National Marine Fisheries Service (NMFS) Critical Habitat - Feb 2024.

4 University of Florida (UF) Florida Ecological Greenways Network - 2021.

5 United States Fish and Wildlife Service (USFWS) National Wildlife Refuge Boundaries - 2021.

6 Florida Natural Areas Inventory (FNAI) Florida Forever Acquisitions - Aug 2024.

7 Florida Natural Areas Inventory (FNAI) Florida Managed Areas - Sep 2024.

8 Florida Natural Areas Inventory (FNAI) Florida Forever Board of Trustees Projects - Sep 2024.

9 University of Florida GeoPlan (GEOPLAN) Parks & Recreational Facilities Boundaries - Dec 2023.

10 Florida Department of Environmental Protection (FDEP) Verified Impaired Waters - Mar 2024.

11 Florida Department of Environmental Protection (FDEP) Aquatic Preserve Boundaries - Aug 2024.

12 Florida Department of Environmental Protection (FDEP) Outstanding Florida Waters - Jul 2024.

13 Federal Emergency Management Agency (FEMA) Digital Flood Insurance Rate Map (DFIRM) Flood Hazard Zones - Apr 2024.

14 Federal Emergency Management Agency (FEMA) Digital Flood Insurance Rate Map (DFIRM) Regulatory Floodway - Dec 2024.

15 United States Fish and Wildlife Service (USFWS) National Wetlands Inventory - May 2024.

16 United States Army Corps of Engineers (USACE) Mitigation Bank & In-Lieu Fee Program Sites - 2024.

17 Sea Level Rise (SLR) 2100 National Oceanic and Atmospheric Administration (NOAA) 2017 High - 2020.