

Volusia County - Half-Cent Projects	
Estimated Cost Summary	
Projects	Estimated Cost
Eastside Total Estimated Cost for Water Quality Projects	\$ 34,410,000
Westside Total Estimated Cost for Water Quality Projects	\$ 81,108,750
Eastside Total Estimated Cost for Top Road Projects	\$ 155,210,000
Eastside Total Estimated Cost for Additional Road Projects	\$ 184,200,000
Westside Total Estimated Cost for Top Road Projects	\$ 102,470,000
Westside Total Estimated Cost for Additional Road Projects	\$ 126,640,000
Eastside Total Estimated Cost for Other Transportation Infrastructure Projects	\$ 56,311,442
Westside Total Estimated Cost for Other Transportation Infrastructure Projects	\$ 21,475,714
TOTAL	\$ 761,825,906

Volusia County - Eastside Water Quality Projects		
Rank	Project Location/Description	Estimated Cost
Water Quality - Wastewater Infrastructure		
<u>Mosquito Lagoon Central Region Projects</u>		
Nutrient Reduction		
1	Indian Harbor Estates (304 lots)	\$ 4,900,000
2	River Road RV Parks & Seminole Rest State Park	\$ 2,310,000
3	SE Regional WWTP - Advanced Wastewater Treatment and Expansion from 0.6 - 1.2 MGD engr/construction	\$ 5,725,000
Water Quality - Stormwater		
<u>Mosquito Lagoon North Region - Reasonable Assurance Plan (RAP) Projects</u>		
1	10th Street stormwater treatment facility	\$ 3,450,000
2	Diversion of stormwater to existing borrow pit south of NSB airport	\$ 700,000
3	East Indian River Boulevard bioreactor	\$ 2,530,000
<u>Mosquito Lagoon Central Region - Reasonable Assurance Plan (RAP) Projects</u>		
1	Ariel Canal stormwater treatment improvements	\$ 1,675,000
2	Lighthouse Cove stormwater treatment facility	\$ 2,070,000
<u>Halifax River - North Peninsula Stormwater Treatment Improvements</u>		
1	Carol Road, Seacrest Drive and Seabreeze Drive – replace existing deteriorated stormwater pipe with exfiltration trench systems	\$ 1,150,000
2	Surfside Drive, Sunny Beach Drive and Seafarers Drive – replace existing deteriorated stormwater pipe with exfiltration trench systems	\$ 1,200,000
3	Oakview Circle, Sunrise Avenue, Morning Star Avenue, Valhalla Avenue and Buckingham Drive – replace existing deteriorated stormwater pipe with exfiltration trench systems	\$ 1,200,000
<u>Halifax River - B-23 Canal Improvements</u>		
	Pipe B-23 Canal from Commonwealth Boulevard to Farmbrook Road	\$ 1,500,000
<u>Halifax River - Wilbur-by-the-Sea Stormwater Treatment Improvements</u>		
	Raymond Avenue, Cardinal Boulevard, Demotte Avenue, River Point Drive and Curlew Street – replace existing deteriorated stormwater pipe with exfiltration trench systems	\$ 1,500,000
<u>Tomoka River - Stormwater Treatment Improvements</u>		
	Tomoka River Basin Engineering Study	\$ 250,000
	Tomoka River Basin Recommended Projects	\$ 1,500,000
<u>Spruce Creek - Stormwater Treatment Improvements</u>		
	Spruce Creek Basin Engineering Study	\$ 250,000
	Spruce Creek Basin Recommended Projects	\$ 1,500,000
Flood Mitigation		
	<u>Flood Mitigation - Property Acquisition and Improvements</u>	\$ 1,000,000
Eastside Total Estimated Cost Water Quality Projects		\$ 34,410,000

Volusia County - Westside Water Quality Projects		
Rank	Project Location/Description	Estimated Cost
Water Quality - Wastewater Infrastructure		
<u>Blue Spring Projects</u>		
Nutrient Reduction		
1	SW Regional WWTP Expansion from 2.7 - 5.0 MGD engr/construction	\$ 7,590,000
2	Unincorporated Priority Focus Areas of Breezewood and Orange City Hills (800 lots)	\$ 17,900,000
<u>Gemini Springs Projects</u>		
Nutrient Reduction		
1	Dirksen Drive wastewater main project engr/construction	\$ 7,590,000
2	Lake Marie Estates (770 lots)	\$ 17,325,000
3	Plantation Estates (885 lots)	\$ 21,903,750
Water Quality - Stormwater		
<u>Middle St. Johns, Lake Monroe and Lake Bethel Stormwater Treatment Improvements</u>		
1	Thornby Park Retention Pond Retrofit – Install BAM filter on existing pond outfall and construct new stormwater treatment facility	\$ 800,000
2	Lemon Bluff Road, Children's Way, Clark Street and Enterprise Osteen Road – Install nutrient separating baffle boxes	\$ 1,000,000
<u>Lake Beresford Stormwater Treatment Improvements</u>		
	Lakeside Drive Stormwater Treatment Facility – Construct stormwater treatment facility with BAM filter and install nutrient separating baffle box	\$ 500,000
<u>Blue Spring Basin Stormwater Treatment Improvements</u>		
	Blue Spring Basin Retention Pond Retrofit – Install BAM material in existing treatment ponds to reduce nutrient loading into the groundwater	\$ 1,500,000
<u>DeLeon Springs Stormwater Treatment Improvements</u>		
1	Dawson Brown Road Stormwater Treatment Facility – Construct stormwater treatment facility	\$ 700,000
2	County Road 3 – Install nutrient separating baffle box	\$ 300,000
<u>Lake Sidney/Diana/Big Lake Outfall Improvements</u>		
	Engineering study of the Lake Sidney/Diana/Big Lake Outfall System from Lake Diana Drive to Enterprise Osteen Road	\$ 250,000
	Construction of recommended projects for the Lake Sidney/Diana/Big Lake Outfall System from Lake Diana Drive to Enterprise Osteen Road	\$ 1,500,000
Flood Mitigation		
<u>Flood Mitigation - Property Acquisition and Improvements</u>		\$ 1,000,000
<u>Pooser Park and Industrial Drive Flood Mitigation Improvements</u>		
	New Pooser Park stormwater pump station - retrofit existing Industrial Drive pump station, new forcemain along Rhode Island Avenue to existing pond near Bennet Park	\$ 1,250,000
Westside Total Estimated Cost Water Quality Projects		\$ 81,108,750

Volusia County - Eastside Top Road Projects

Rank	Project Name	Improvement	Project Location	Estimated Cost
<u>IMPACT FEE ZONE 1 - Ormond Beach, Holly Hill, Daytona Beach, South Daytona, Daytona Beach Shores and Port Orange</u>				
1	Williamson Blvd	2 to 4 Lane	Strickland Range Rd to Hand Av	\$ 8,885,000
2	LPGA Blvd	2 to 6 Lane	Tymber Creek Rd to I-95 Interchange	\$ 35,000,000
3	Tymber Creek Rd Extension	New 2 Lane	N of LPGA Blvd to S of SR 40	\$ 17,050,000
4	Hand Av	2 to 4 Lane	Williamson Blvd to SR 5A/Nova Rd	\$ 24,000,000
5	Taylor Branch Rd	3 to 4 Lane	Dunlawton Av to Clyde Morris Blvd	\$ 8,300,000
Total Estimated Cost for Top Projects Impact Fee Zone 1				\$ 93,235,000
<u>IMPACT FEE ZONE 2 - New Smyrna Beach, Edgewater and Oak Hill</u>				
1	SR 44	Intersection Improvement	Mission Dr/Wallace Rd to Canal St	\$ 745,000
2	Josephine St/10th St	2 to 4 Lane	Old Mission Rd to Tatum St	\$ 4,950,000
3	Pioneer Tr/Wallace Rd	Safety & Paved Shoulders	I-95 to SR 44 (East)	\$ 13,530,000
4	Sugar Mill Rd	2 to 4 Lane	SR 44 to Pioneer Tr	\$ 9,750,000
5	Williamson Blvd	New 4 Lane	SR 44 to Pioneer Tr	\$ 33,000,000
Total Estimated Cost for Top Projects Impact Fee Zone 2				\$ 61,975,000
Eastside Total Estimated Cost for Top Road Projects				\$ 155,210,000

Volusia County - Eastside Additional Road Projects

Rank	Project Name	Improvement	Project Location	Estimated Cost
<u>IMPACT FEE ZONE 1 - Ormond Beach, Holly Hill, Daytona Beach, South Daytona, Daytona Beach Shores and Port Orange</u>				
	Tymber Creek Rd	2 to 4 Lane	Peruvian Way to Airport Rd	\$ 8,800,000
	Beach St	Raise Road	Pine Tree Dr to Tomoka River bridge	\$ 4,000,000
	Dunn Av	2 to 4 Lane	Williamson Blvd to Clyde Morris Blvd	\$ 16,500,000
	Dunn Av	New 2 Lane	LPGA Blvd to Tomoka Farms Rd	\$ 22,000,000
	LPGA Blvd	2 to 4 Lane	US 92 to Tymber Creek Rd	\$ 16,100,000
	Airport Rd (PO)	2 to 4 Lane	Pioneer Tr to Williamson Blvd	\$ 14,300,000
	Taylor Rd (CO)	2 to 4 Lane	Tomoka Farms Rd to Summer Trees Rd	\$ 20,350,000
	Williamson Blvd (incl I-95 overpass)	2 to 4 Lane	Summer Trees Rd to Madeline Av	\$ 27,000,000
	Williamson Blvd	2 to 4 Lane	Madeline Av to SR400/Beville Rd	\$ 6,700,000
	Tomoka Farms Rd	2 to 4 Lane	I-4 Overpass to US 92/ISB	\$ 6,400,000
	Tomoka Farms Rd	2 to 4 Lane	Taylor Rd to I-4 Overpass	\$ 22,800,000
Total Estimated Cost for Additional Projects Impact Fee Zone 1				\$ 164,950,000
<u>IMPACT FEE ZONE 2 - New Smyrna Beach, Edgewater and Oak Hill</u>				
	Pioneer Tr	2 to 4 Lane	Airport Rd to I-95	\$ 13,750,000
	Pioneer Tr	Safety & Paved Shoulders	SR 44 (West) to Airport Rd	\$ 5,500,000
Total Estimated Cost for Additional Projects Impact Fee Zone 2				\$ 19,250,000
Eastside Total Estimated Cost for Additional Road Projects				\$ 184,200,000

Volusia County - Westside Top Road Projects				
Rank	Project Name	Improvement	Project Location	Estimated Cost
IMPACT FEE ZONE 3 - Deltona, DeBary, Orange City and Lake Helen				
1	Howland Blvd	2 to 4 Lane	Providence Blvd to Elkcarn Blvd	\$ 11,000,000
2	Veterans Memorial Pkwy Extension	New 4 Lane	Graves Av to SR 472	\$ 15,000,000
3	Veterans Memorial Pkwy	2 to 4 Lane	Harley Strickland Blvd to Graves Av	\$ 9,800,000
4	Providence Blvd	2 to 4 Lane	Ft. Smith Blvd to Howland Blvd	\$ 14,500,000
5	Dirksen Dr	2 to 3 Lane	US 17/92 to I-4	\$ 7,900,000
Total Estimated Cost for Top Projects Impact Fee Zone 3				\$ 58,200,000
IMPACT FEE ZONE 4 - DeLand and Pierson				
1	W. Volusia Bldwy (MLK/Kepler Rd)	Intersection Improvement	SR 44 intersection	\$ 3,500,000
2	Blue Lake Av Extension	New 2 Lane	Victoria Park to SR 472	\$ 4,900,000
3	Beresford Av Extension	New 2 Lane	South Blue Lake Av to Kepler Rd	\$ 7,590,000
4	Plymouth Ave	2 to 3 Lane	SR 15A to US 17/92	\$ 9,200,000
5	Orange Camp Rd	2 to 4 Lane	US 17/92 to W. Volusia Bldwy/MLK	\$ 19,080,000
Total Estimated Cost for Top Projects Impact Fee Zone 4				\$ 44,270,000
Westside Total Estimated Cost for Top Road Projects				\$ 102,470,000

Volusia County - Westside Additional Road Projects				
Rank	Project Name	Improvement	Project Location	Estimated Cost
IMPACT FEE ZONE 3 - Deltona, DeBary, Orange City and Lake Helen				
	Doyle Rd	2 to 4 Lane	Providence Blvd to Saxon Blvd	\$ 16,800,000
	Doyle Rd	2 to 4 Lane	Saxon Blvd to Courtland Blvd	\$ 11,400,000
	Doyle Rd	2 to 4 Lane	Courtland Blvd to SR 415	\$ 7,800,000
	Saxon Blvd Extension	New 2 Lane	Westside Pkwy to US 17/92	\$ 9,900,000
	Westside Pkwy	New 2 Lane	Saxon Blvd to French Av	\$ 20,350,000
Total Estimated Cost for Additional Projects Impact Fee Zone 3				\$ 66,250,000
IMPACT FEE ZONE 4 - DeLand and Pierson				
	Beresford Av Extension	New 2 Lane	Kepler Rd to SR 44/Summit Av	\$ 15,840,000
	MLK Bldwy/Kepler Rd	2 to 4 Lane	SR 472 to US 92	\$ 44,550,000
Total Estimated Cost for Additional Projects Impact Fee Zone 4				\$ 60,390,000
Westside Total Estimated Cost for Additional Road Projects				\$ 126,640,000

Volusia County - Eastside Other Transportation Infrastructure Projects		
Rank	Project Location/Description	Estimated Cost
Bridge Infrastructure Improvements		
1	L.B. Knox Bridge (Highbridge) - Upgrade existing Submarine Cable	\$ 225,000
2	Main St Bridge - Upgrade existing Submarine Cable	\$ 225,000
3	L.B. Knox Bridge (Highbridge) - Engineering evaluation for upgrade of Bascule Bridge Mechanical Systems	\$ 100,000
4	Main St Bridge - Engineering evaluation for upgrade of Bascule Bridge Mechanical Systems	\$ 100,000
5	L.B. Knox Bridge (Highbridge) - Construction of upgraded Bascule Bridge Mechanical Systems	\$ 600,000
6	Main St Bridge - Construction of upgraded Bascule Bridge Mechanical Systems	\$ 600,000
7	Old Dixie Highway - Construct Bicycle Path and replace existing timber wall for erosion protection	\$ 350,000
8	Main St Bridge - Replace existing low-rise movable with a mid-rise moveable bridge	\$ 35,000,000
Road Reconstruction and Improvements		
	Reconstructing County maintained dirt roads by paving - Various Locations per attached list	\$ 7,471,442
	Improving County maintained roads by resurfacing - Various Locations	\$ 2,500,000
Sidewalk Construction and ADA Improvements		
	ADA improvements to County maintained sidewalks - Various Locations	\$ 4,100,000
Traffic Management Improvements		
<u>Mast Arm reconstruction - Coastal Zone</u>		
	Sig No. 325 Richard Petty Blvd @ Aerospace Blvd	\$ 360,000
	Sig No. 279 Clyde Morris Blvd @ Big Tree Rd	\$ 360,000
	Sig No. 303 Williamson Blvd @ Bellevue Av	\$ 360,000
	Sig No. 451 Tymber Creek Rd @ LPGA Blvd	\$ 360,000
	Sig No. 146 Center Av @ LPGA Blvd	\$ 360,000
	Sig No. 413 Old Mission Rd @ Josephine St	\$ 360,000
	Sig No. 334 Williamson Blvd @ Ormond Square Shopping Center	\$ 360,000
	Sig No. 171 Clyde Morris Blvd @ Willow Run Blvd	\$ 360,000
	Sig No. 284 Clyde Morris Blvd @ Taylor Rd	\$ 360,000
	Sig No. 241 Taylor Rd @ Spruce Creek Rd	\$ 360,000
	Sig No. 268 Clyde Morris Blvd @ Reed Canal Rd	\$ 360,000
	Sig No. 275 Taylor Road @ Tomoka Farms Rd	\$ 360,000
	Sig No. 280 Clyde Morris Blvd @ Madeline Av	\$ 360,000
	Sig No. 281 Clyde Morris Blvd @ Herbert St	\$ 360,000
Eastside Total Estimated Cost Other Transportation Infrastructure Projects		\$ 56,311,442

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Volusia County - Westside Other Transportation Infrastructure Projects		
Rank	Project Location/Description	Estimated Cost
Bridge Infrastructure Improvements		
	County Road 3 - Widen bridge to add paved shoulders	\$ 400,000
Road Reconstruction and Improvements		
	Reconstructing County maintained dirt roads by paving - Various Locations per attached list	\$ 12,630,714
	Improving County maintained roads by resurfacing - Various Locations	\$ 2,500,000
Sidewalk Construction and ADA Improvements		
	ADA improvements to County maintained sidewalks - Various Locations	\$ 4,910,000
Traffic Management Improvements		
	<u>Strain Pole Box reconstruction</u>	
	Sig No. 217 Amelia Av @ Rich Av	\$ 345,000
	Sig No. 306 CR 92 Extension @ Gateway Shopping Center	\$ 345,000
	Sig No. 113 Deltona Blvd @ Enterprise Rd	\$ 345,000
Westside Total Estimated Cost Other Transportation Infrastructure Projects		
		\$ 21,475,714

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Volusia County - Eastside Dirt Road Reconstruction					
Rank	Dirt Road Segment to be Paved	From	To	Nearest City	Total Cost per Road Segment
1	Old Tomoka Rd	SR 40	EOM	Ormond	\$ 140,503
2	S. Samsula Dr	SR 44	EOR	Samsula	\$ 674,658
3	Huntings Camp Rd	SR 44	EOR	Samsula	\$ 1,404,452
4	Old Samsula Rd	Taylor Rd	Halifax Dr	Samsula	\$ 465,011
5	Honey Dew Ln	S. Cucumber Ln	S. Samsula Dr	Samsula	\$ 136,405
6	S. Cucumber Ln	SR 44	Honey Dew Ln	Samsula	\$ 152,355
7	Volco Rd	Beacon Light Rd	Cow Creek Rd	Edgewater	\$ 626,550
8	Lingo Grove Rd	Volco Rd	EOM	Edgewater	\$ 112,638
9	Liza Clinton Rd	Volco Rd	EOM	Edgewater	\$ 39,390
10	County Line Rd	US 1	County Line Ditch Rd	Oak Hill	\$ 433,571
11	Old Dixie Ln	County Line Rd	EOM	Oak Hill	\$ 84,261
12	Reed Grove Rd	Stacy Grove Rd	EOM	Oak Hill	\$ 279,776
13	N. Putnam Grove Rd	Flamingo Rd	W. Putnam Grove Rd	Oak Hill	\$ 242,450
14	W. Putnam Grove Rd	N. Putnam Grove Rd	EOM	Oak Hill	\$ 173,766
15	Fullerton Grove Rd	US 1	EOM	Oak Hill	\$ 190,106
16	Shiloh Grove Quarters Rd	N. Putnam Grove Rd	EOM	Oak Hill	\$ 102,701
17	Selleck Av	Glencoe Rd	Oak Ln	NSB	\$ 67,306
18	Hughes Rd.	SR 44	EOR	Samsula	\$ 140,636
19	Martins Dairy Rd	Turnbull Bay Rd	EOM	NSB	\$ 165,540
20	Lettuce Ln	EOM	EOM	Samsula	\$ 221,075
21	Watermelon Ln	EOM	EOM	Samsula	\$ 240,386
22	Pepper Ln	N. Samsula Dr	EOR	Samsula	\$ 91,995
23	Strawberry Ln	EOM	EOM	Samsula	\$ 265,690
24	Parsley Ln	N. Samsula Dr	EOM	Samsula	\$ 135,585
25	Pampas Nursery Rd	N. Samsula Dr	EOM	Samsula	\$ 104,493
26	Poinsettia Dr	EOR	Old Samsula Rd	Samsula	\$ 152,750
27	Palm Dr	Swan Dr	Poinsettia Dr	Samsula	\$ 446,586
28	Orange Dr	EOM	Guava Dr	Samsula	\$ 106,716
29	Swan Dr	Guava Dr	Palm Dr	Samsula	\$ 74,093
					\$ 7,471,442

Volusia County - Westside Dirt Road Reconstruction

Rank	Dirt Road Segment to be Paved	From	To	Nearest City	Total Cost per Road Segment
1	Wilmhurst Rd	Mercers Fernery Rd	Begin of Pavement	Deland	\$ 123,958
2	Lake Mamie Rd	US 17	EOM	Deland	\$ 190,803
3	Lake Winona Rd	EOP	SR 40	Deleon Springs	\$ 973,801
4	Clifton Rd	Lake Winona Rd	Begin of Pavement	Deleon Springs	\$ 408,554
5	Blackwelder Rd	End of Pavement	Begin of Pavement	Deleon Springs	\$ 532,680
6	Van Hook Rd	Mills Av	EOM	Deleon Springs	\$ 155,306
7	Nine Mile Point Rd	CR 3	Unnamed St	Pierson	\$ 1,201,207
8	UnNamed	Nine Mile Point Rd	EOM	Pierson	\$ 124,127
9	Willow Cove Rd	Nine Mile Point Rd	EOM	Pierson	\$ 317,731
10	Bond Rd	Grand Av	Audubon Av	Glenwood	\$ 140,016
11	Banana St	Grand Av	EOM	Glenwood	\$ 139,565
12	Magnolia Ln	Banana St	EOM	Glenwood	\$ 13,635
13	Guava St	Stone Av	EOM	Glenwood	\$ 47,529
14	Highland Av	Lime St	EOM	Glenwood	\$ 68,894
15	Depot St.	Grand Av	EOM	Glenwood	\$ 171,082
16	Church St.	Grand Av	EOM	Glenwood	\$ 116,274
17	Highland Park Rd Boat Ramp	Audubon Av	EOM	Deland	\$ 44,625
18	Highland Park Rd (south)	Audubon Av	EOM	Deland	\$ 48,456
19	St. Johns River Rd	SR 40	EOM	Astor	\$ 165,427
20	Bert Royal Rd	SR 40	EOM	Barberville	\$ 62,286
21	Seymour Rd	SR 40	EOM	Barberville	\$ 42,945
22	Warrensford Rd	SR 40	EOM	Barberville	\$ 98,101
23	Byrd Rd	SR 40	EOM	Barberville	\$ 92,722
24	Turner Ln.	SR 40	EOM	Barberville	\$ 64,950
25	Jerico Rd	SR 40	EOM	Barberville	\$ 99,330
26	Broad St.	Railroad Av	EOM	Barberville	\$ 78,524
27	Railroad Av	SR 40	Broad St	Barberville	\$ 21,923
28	Murphy Rd	Emporia Rd	Peterson Rd	Pierson	\$ 283,976
29	Hastings Rd	Emporia Rd	EOM	Pierson	\$ 46,259
30	Riley Pridgeon Rd	Shell Harbor Rd	Camp South Moon Rd	Pierson	\$ 1,164,245
31	Volusia Bar Rd	Riley Pridgeon Rd	EOM	Pierson	\$ 549,809
32	Peterson Rd	Riley Pridgeon Rd	Harper Rd	Pierson	\$ 416,724

Volusia County - Westside Dirt Road Reconstruction

Rank	Dirt Road Segment to be Paved	From	To	Nearest City	Total Cost per Road Segment
33	Menton Rd	CR 3	CR 3	Pierson	\$ 171,902
34	Robinson Rd	Braddock Rd	EOM	Pierson	\$ 97,681
35	Cross Branch Rd	EOM	EOM	Deland	\$ 232,308
36	Old Reynolds Rd	SR 11	Reynolds Rd	Deleon Springs	\$ 196,816
37	Like Hires Rd	SR 11	Reynolds Rd	Deleon Springs	\$ 271,299
38	Orange Hammock Rd	SR 11	EOM	Deleon Springs	\$ 91,176
39	Daytona Park Rd	West Parkway	Central Parkway	Deland	\$ 119,732
40	Dahlia Rd	East Parkway	Central Parkway	Deland	\$ 82,263
41	Cypress Rd (south)	West Parkway	8th Av	Deland	\$ 111,844
42	Central Parkway	US 92	Flamingo Rd	Deland	\$ 307,415
43	Central Parkway	Cypress Rd	Park Lake Dr	Deland	\$ 297,780
44	Camelia Rd	5th Av	East Parkway	Deland	\$ 151,792
45	East Parkway	Aster Ter	Blossom Rd	Deland	\$ 537,244
46	6th Av	E Magnolia Rd	Park Lake Dr	Deland	\$ 47,611
47	9th Av	Azalea Rd	Aster Ter	Deland	\$ 573,474
48	10th Av	Blossom Rd	Aster Ter	Deland	\$ 536,005
49	11th Av	Aster Ter	Cypress Rd	Deland	\$ 230,731
50	Iris Rd	11th Av	9th Av	Deland	\$ 42,653
51	E Jasmine Rd	6th Av	8th Av	Deland	\$ 69,585
52	Laurel Rd	11th Av	E Lake Dr	Deland	\$ 153,201
53	E Magnolia Rd	E Lake Rd	11th Av	Deland	\$ 157,539
54	Nectarine Rd	8th Av	East Parkway	Deland	\$ 61,472
55	E Orange Rd	8th Av	11th Av	Deland	\$ 83,728
					\$ 12,630,714



Volusia County Half-Cent Projects

Northeast Volusia County



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Key to Features

- Water Quality Projects
- Transportation Projects

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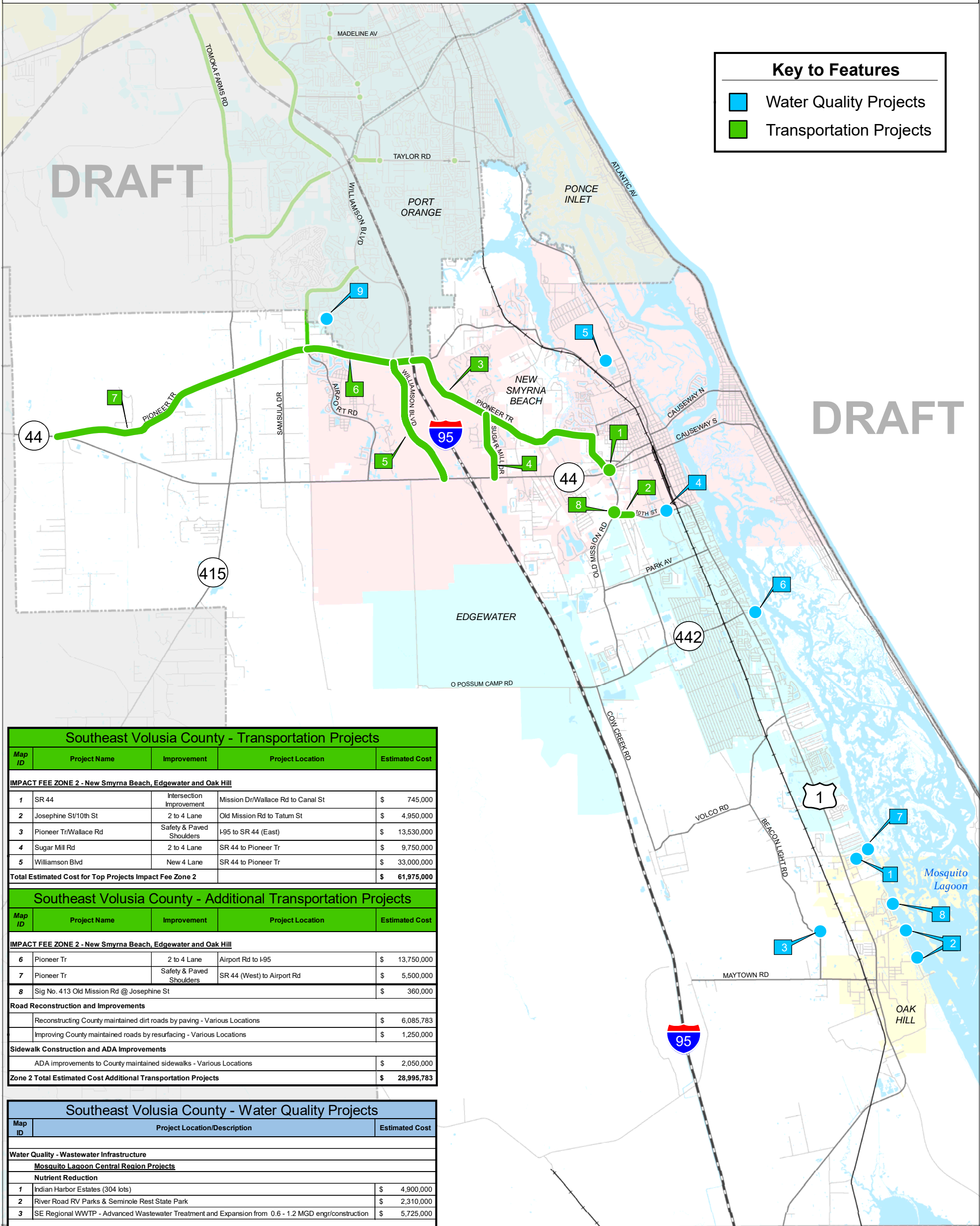
Northeast Volusia County - Transportation Projects				
Map ID	Project Name	Improvement	Project Location	Estimated Cost
IMPACT FEE ZONE 1 - Ormond Beach, Holly Hill, Daytona Beach, South Daytona, Daytona Beach Shores and Port Orange				
1	Williamson Blvd	2 to 4 Lane	Strickland Range Rd to Hand Av	\$ 8,885,000
2	LPGA Blvd	2 to 6 Lane	Tymber Creek Rd to I-95 Interchange	\$ 35,000,000
3	Tymber Creek Rd Extension	New 2 Lane	N of LPGA Blvd to S of SR 40	\$ 17,050,000
4	Hand Av	2 to 4 Lane	Williamson Blvd to SR 5A/Nova Rd	\$ 24,000,000
5	Taylor Branch Rd	3 to 4 lane	Dunlawton Av to Clyde Morris Blvd	\$ 8,300,000
Total Estimated Cost for Top Projects Impact Fee Zone 1				\$ 93,235,000
Northeast Volusia County - Additional Transportation Projects				
Map ID	Project Name	Improvement	Project Location	Estimated Cost
IMPACT FEE ZONE 1 - Ormond Beach, Holly Hill, Daytona Beach, South Daytona, Daytona Beach Shores and Port Orange				
6	Tymber Creek Rd	2 to 4 Lane	Peruvian Way to Airport Rd	\$ 8,800,000
7	Beach St	Raise Road	Pine Tree Dr to Tomoka River bridge	\$ 4,000,000
8	Dunn Av	2 to 4 Lane	Williamson Blvd to Clyde Morris Blvd	\$ 16,500,000
9	Dunn Av	New 2 Lane	LPGA Blvd to Tomoka Farms Rd	\$ 22,000,000
10	LPGA Blvd	2 to 4 Lane	US 92 to Tymber Creek Rd	\$ 16,100,000
11	Airport Rd (PO)	2 to 4 Lane	Pioneer Tr to Williamson Blvd	\$ 14,300,000
12	Taylor Rd (CO)	2 to 4 Lane	Tomoka Farms Rd to Summer Trees Rd	\$ 20,350,000
13	Williamson Blvd (incl I-95 overpass)	2 to 4 Lane	Summer Trees Rd to Madeline Av	\$ 27,000,000
14	Williamson Blvd	2 to 4 Lane	Madeline Av to SR400/Beville Rd	\$ 6,700,000
15	Tomoka Farms Rd	2 to 4 Lane	I-4 Overpass to US 92/ISB	\$ 6,400,000
16	Tomoka Farms Rd	2 to 4 Lane	Taylor Rd to I-4 Overpass	\$ 22,800,000
Bridge Infrastructure Improvements				
17	L.B. Knox Bridge (Highbridge) - Upgrade existing Submarine Cable			\$ 225,000
18	Main Street Bridge - Upgrade existing Submarine Cable			\$ 225,000
17	L.B. Knox Bridge (Highbridge) - Engineering evaluation for upgrade of Bascule Bridge Mechanical Systems			\$ 100,000
18	Main Street Bridge - Engineering evaluation for upgrade of Bascule Bridge Mechanical Systems			\$ 100,000
17	L.B. Knox Bridge (Highbridge) - Construction of upgraded Bascule Bridge Mechanical Systems			\$ 600,000
18	Main Street Bridge - Construction of upgraded Bascule Bridge Mechanical Systems			\$ 600,000
19	Old Dixie Highway - Construct Bicycle Path and replace existing timber wall for erosion protection			\$ 350,000
20	Main St. Bridge - Replace existing low rise movable with a mid-rise moveable bridge			\$ 35,000,000
Traffic Management Improvements				
Mast Arm reconstruction - Coastal Zone				
21	Sig No. 325 Richard Petty Blvd @ Aerospace Blvd			\$ 360,000
22	Sig No. 279 Clyde Morris Blvd @ Big Tree Rd			\$ 360,000
23	Sig No. 303 Williamson Blvd @ Bellevue Av			\$ 360,000
24	Sig No. 451 Tymber Creek Road @ LPGA Blvd			\$ 360,000
25	Sig No. 146 Center Av @ LPGA Blvd			\$ 360,000
26	Sig No. 334 Williamson Blvd @ Ormond Square Shopping Center			\$ 360,000
27	Sig No. 171 Clyde Morris Blvd @ Willow Run Blvd			\$ 360,000
28	Sig No. 284 Clyde Morris Blvd @ Taylor Rd			\$ 360,000
29	Sig No. 241 Taylor Rd @ Spruce Creek Rd			\$ 360,000
30	Sig No. 268 Clyde Morris Blvd @ Reed Canal Rd			\$ 360,000
31	Sig No. 275 Taylor Rd @ Tomoka Farms Rd			\$ 360,000
32	Sig No. 280 Clyde Morris Blvd @ Madeline Av			\$ 360,000
33	Sig No. 281 Clyde Morris Blvd @ Herbert St			\$ 360,000
Road Reconstruction and Improvements				
	Reconstructing County maintained dirt roads by paving - Various Locations			\$ 1,385,659
	Improving County maintained roads by resurfacing - Various Locations			\$ 1,250,000
Sidewalk Construction and ADA Improvements				
	ADA improvements to County maintained sidewalks - Various Locations			\$ 2,050,000
Zone 1 Total Estimated Cost Additional Transportation Projects				\$ 211,515,659

Northeast Volusia County - Water Quality Projects		
Map ID	Project Location/Description	Estimated Cost
Water Quality - Wastewater Infrastructure		
Halifax River - North Peninsula Stormwater Treatment Improvements		
1	Carol Road, Seacrest Drive and Seabreeze Drive – replace existing deteriorated stormwater pipe with exfiltration trench systems	\$ 1,150,000
2	Surfside Drive, Sunny Beach Drive and Seafarers Drive – replace existing deteriorated stormwater pipe with exfiltration trench systems	\$ 1,200,000
3	Oakview Circle, Sunrise Avenue, Morning Star Avenue, Valhalla Avenue and Buckingham Drive – replace existing deteriorated stormwater pipe with exfiltration trench systems	\$ 1,200,000
Halifax River - B-23 Canal Improvements		
4	Pipe B-23 Canal from Commonwealth Boulevard to Farnbrook Road	\$ 1,500,000
Halifax River - Wilbur-by-the-Sea Stormwater Treatment Improvements		
5	Raymond Avenue, Cardinal Boulevard, Demotte Avenue, River Point Drive and Curlew Street – replace existing deteriorated stormwater pipe with exfiltration trench systems	\$ 1,500,000
Tomoka River - Stormwater Treatment Improvements		
6	Tomoka River Basin Engineering Study	\$ 250,000
	Tomoka River Basin Recommended Projects	\$ 1,500,000
Spruce Creek - Stormwater Treatment Improvements		
7	Spruce Creek Basin Engineering Study*	\$ 125,000
	Spruce Creek Basin Recommended Projects*	\$ 750,000
*Cost split between zones 1 and 2		
Flood Mitigation		
	Flood Mitigation - Property Acquisition and Improvements	\$ 500,000
Zone 1 Total Estimated Cost Water Quality Projects		\$ 9,675,000



Volusia County Half-Cent Projects

Southeast Volusia County



Southeast Volusia County - Transportation Projects

Map ID	Project Name	Improvement	Project Location	Estimated Cost
IMPACT FEE ZONE 2 - New Smyrna Beach, Edgewater and Oak Hill				
1	SR 44	Intersection Improvement	Mission Dr/Wallace Rd to Canal St	\$ 745,000
2	Josephine St/10th St	2 to 4 Lane	Old Mission Rd to Tatum St	\$ 4,950,000
3	Pioneer Tr/Wallace Rd	Safety & Paved Shoulders	I-95 to SR 44 (East)	\$ 13,530,000
4	Sugar Mill Rd	2 to 4 Lane	SR 44 to Pioneer Tr	\$ 9,750,000
5	Williamson Blvd	New 4 Lane	SR 44 to Pioneer Tr	\$ 33,000,000
Total Estimated Cost for Top Projects Impact Fee Zone 2				\$ 61,975,000

Southeast Volusia County - Additional Transportation Projects

Map ID	Project Name	Improvement	Project Location	Estimated Cost
IMPACT FEE ZONE 2 - New Smyrna Beach, Edgewater and Oak Hill				
6	Pioneer Tr	2 to 4 Lane	Airport Rd to I-95	\$ 13,750,000
7	Pioneer Tr	Safety & Paved Shoulders	SR 44 (West) to Airport Rd	\$ 5,500,000
8	Sig No. 413 Old Mission Rd @ Josephine St			\$ 360,000
Road Reconstruction and Improvements				
	Reconstructing County maintained dirt roads by paving - Various Locations			\$ 6,085,783
	Improving County maintained roads by resurfacing - Various Locations			\$ 1,250,000
Sidewalk Construction and ADA Improvements				
	ADA improvements to County maintained sidewalks - Various Locations			\$ 2,050,000
Zone 2 Total Estimated Cost Additional Transportation Projects				\$ 28,995,783

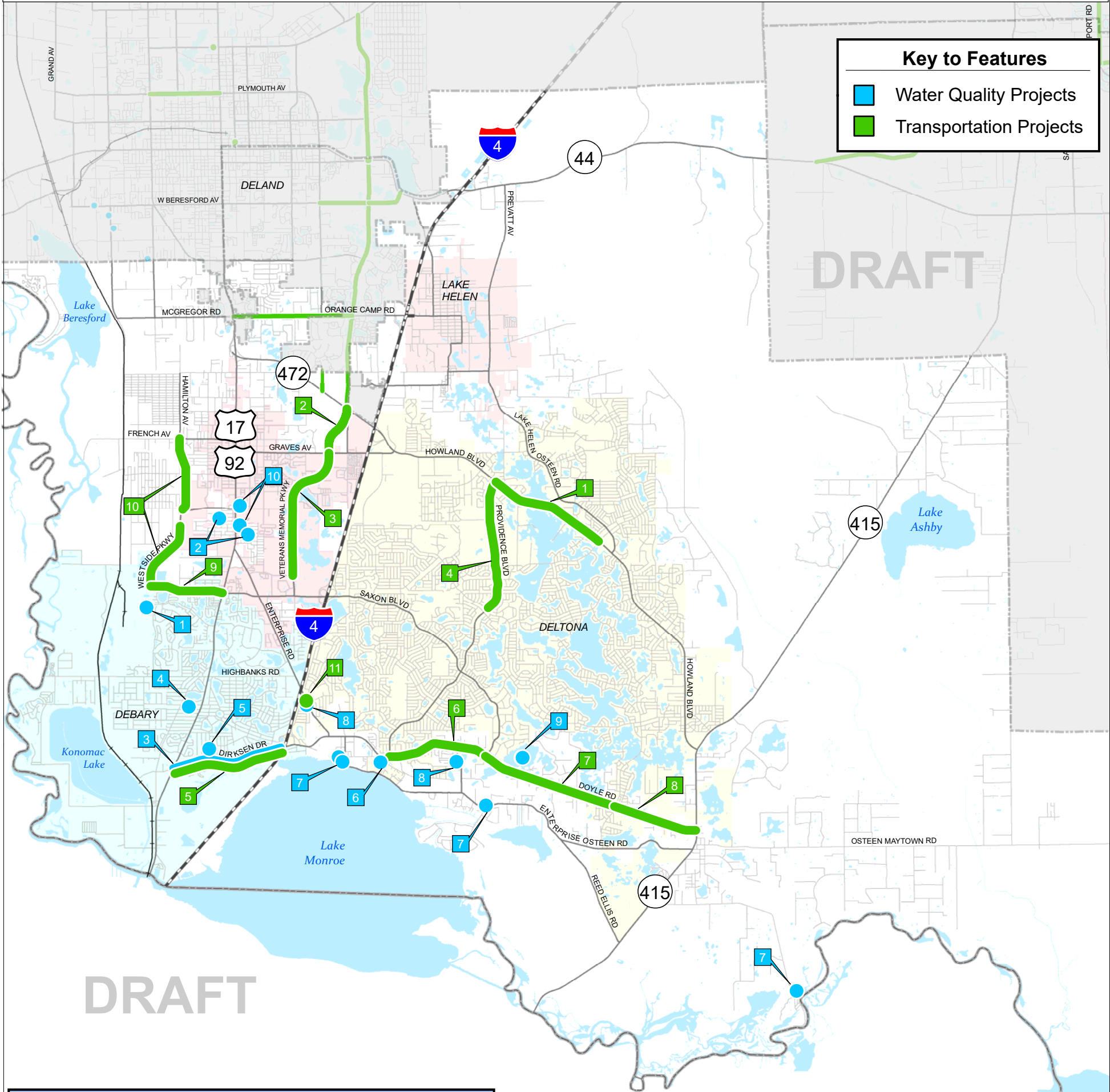
Southeast Volusia County - Water Quality Projects

Map ID	Project Location/Description	Estimated Cost
Water Quality - Wastewater Infrastructure		
Mosquito Lagoon Central Region Projects		
Nutrient Reduction		
1	Indian Harbor Estates (304 lots)	\$ 4,900,000
2	River Road RV Parks & Seminole Rest State Park	\$ 2,310,000
3	SE Regional WWTP - Advanced Wastewater Treatment and Expansion from 0.6 - 1.2 MGD engr/construction	\$ 5,725,000
Water Quality - Stormwater		
Mosquito Lagoon North Region - Reasonable Assurance Plan (RAP) Projects		
4	10th Street stormwater treatment facility	\$ 3,450,000
5	Diversion of stormwater to existing borrow pit south of NSB airport	\$ 700,000
6	East Indian River Boulevard bioreactor	\$ 2,530,000
Mosquito Lagoon Central Region - Reasonable Assurance Plan (RAP) Projects		
7	Ariel Canal stormwater treatment improvements	\$ 1,675,000
8	Lighthouse Cove stormwater treatment facility	\$ 2,070,000
Spruce Creek - Stormwater Treatment Improvements		
9	Spruce Creek Basin Engineering Study	\$ 125,000
	Spruce Creek Basin Recommended Projects	\$ 750,000
Flood Mitigation - Property Acquisition and Improvements		\$ 500,000
Zone 2 Total Estimated Cost Water Quality Projects		\$ 24,735,000



Volusia County Half-Cent Projects

Southwest Volusia County



Southwest Volusia County - Water Quality Projects		
Map ID	Project Location/Description	Estimated Cost
Water Quality - Wastewater Infrastructure		
<u>Blue Spring Projects</u>		
Nutrient Reduction		
1	SW Regional WWTP Expansion from 2.7 - 5.0 MGD engr/construction	\$ 7,590,000
2	Unincorporated Priority Focus Areas of Breezewood and Orange City Hills (800 lots)	\$ 17,900,000
<u>Gemini Springs Projects</u>		
Nutrient Reduction		
3	Dirksen Dr wastewater main project engr/construction	\$ 7,590,000
4	Lake Marie Estates (770 lots)	\$ 17,325,000
5	Plantation Estates (885 lots)	\$ 21,903,750
Water Quality - Stormwater		
<u>Middle St. Johns, Lake Monroe and Lake Bethel Stormwater Treatment Improvements</u>		
6	Thornby Park Retention Pond Retrofit – Install BAM filter on existing pond outfall and construct new stormwater treatment facility	\$ 800,000
7	Lemon Bluff Drive, Children's Way, Clark Street and Enterprise Osteen Road – Install nutrient separating baffle boxes	\$ 1,000,000
<u>Blue Spring Basin Stormwater Treatment Improvements</u>		
8	Blue Spring Basin Retention Pond Retrofit – Install BAM material in existing treatment ponds to reduce nutrient loading into the groundwater (split with Zone 4)	\$ 750,000
<u>Lake Sidney/Diana/Big Lake Outfall Improvements</u>		
9	Engineering study of the Lake Sidney/Diana/Big Lake Outfall System from Lake Diana Drive to Enterprise Osteen Road	\$ 250,000
	Construction of recommended projects for the Lake Sidney/Diana/Big Lake Outfall System from Lake Diana Drive to Enterprise Osteen Road	\$ 1,500,000
Flood Mitigation		
<u>Pooser Park and Industrial Drive Flood Mitigation Improvements</u>		
10	New Pooser Park stormwater pump station - retrofit existing Industrial Drive pump station, new forcemain along Rhode Island Avenue to existing pond near Bennet Park	\$ 1,250,000
Flood Mitigation - Property Acquisition and Improvements		\$ 500,000
Zone 3 Total Estimated Cost Water Quality Projects		\$ 78,358,750

Southwest Volusia County - Transportation Projects				
Map ID	Project Name	Improvement	Project Location	Estimated Cost
IMPACT FEE ZONE 3 - Deltona, DeBary, Orange City and Lake Helen				
1	Howland Blvd	2 to 4 Lane	Providence Blvd to Elkcam Blvd	\$ 11,000,000
2	Veterans Memorial Pkwy Extension	New 4 Lane	Graves Av to SR 472	\$ 15,000,000
3	Veterans Memorial Pkwy	2 to 4 Lane	Harley Strickland Blvd to Graves Av	\$ 9,800,000
4	Providence Blvd	2 to 4 Lane	Ft. Smith Blvd to Howland Blvd	\$ 14,500,000
5	Dirksen Dr	2 to 3 Lane	US 17/92 to I-4	\$ 7,900,000
Total Estimated Cost for Top Projects Impact Fee Zone 3				\$ 58,200,000
Southwest Volusia County - Additional Transportation Projects				
Map ID	Project Name	Improvement	Project Location	Estimated Cost
IMPACT FEE ZONE 3 - Deltona, DeBary, Orange City and Lake Helen				
6	Doyle Rd	2 to 4 Lane	Providence Blvd to Saxon Blvd	\$ 16,800,000
7	Doyle Rd	2 to 4 Lane	Saxon Blvd to Courtland Blvd	\$ 11,400,000
8	Doyle Rd	2 to 4 Lane	Courtland Blvd to SR 415	\$ 7,800,000
9	Saxon Blvd Extension	New 2 Lane	Westside Pkwy to US 17/92	\$ 9,900,000
10	Westside Pkwy	New 2 Lane	Saxon Blvd to French Av	\$ 20,350,000
Traffic Management Improvements				
11	Sig No. 113 Deltona Blvd @ Enterprise Rd			\$ 345,000
Road Reconstruction and Improvements				
	Improving County maintained roads by resurfacing - Various Locations			\$ 1,250,000
Sidewalk Construction and ADA Improvements				
	ADA Improvements to County maintained sidewalks - Various Locations			\$ 2,455,000
Zone 3 Total Estimated Cost Additional Transportation Projects				\$ 70,300,000



Volusia County Half-Cent Projects

DRAFT Northwest Volusia County



Key to Features

- Water Quality Projects
- Transportation Projects

DRAFT

Northwest Volusia County - Transportation Projects				
Map ID	Project Name	Improvement	Project Location	Estimated Cost
IMPACT FEE ZONE 4 - DeLand and Pierson				
1	W Volusia Bltwy (MLK/Kepler Rd)	Intersection Improvement	SR 44 intersection	\$ 3,500,000
2	Blue Lake Extension	New 2 Lane	Victoria Park to SR 472	\$ 4,900,000
3	Beresford Extension	New 2 Lane	South Blue Lake to Kepler Road	\$ 7,590,000
4	Plymouth Ave	2 to 3 Lane	SR 15A to US 17/92	\$ 9,200,000
5	Orange Camp Rd	2 to 4 Lane	US 17/92/Woodland Blvd to W Volusia Bltwy/MLK	\$ 19,080,000
Total Estimated Cost for Top Projects Impact Fee Zone 4				\$ 44,270,000
Northwest Volusia County - Additional Transportation Projects				
Map ID	Project Name	Improvement	Project Location	Estimated Cost
IMPACT FEE ZONE 4 - DeLand and Pierson				
6	Beresford Av Extension	New 2 Lane	Kepler Rd to SR 44/Summit Av	\$ 15,840,000
7	MLK Jr Bltwy/Kepler Rd	2 to 4 Lane	SR 472 to US 92	\$ 44,550,000
Bridge Infrastructure Improvements				
8	County Road 3 - Widen bridge to add paved shoulders			\$ 400,000
Traffic Management Improvements				
Strain Pole Box reconstruction				
9	Sig No. 217 Amelia Av @ Rich Av			\$ 345,000
10	Sig No. 306 CR 92 Extension @ Gateway Shopping Center			\$ 345,000
Road Reconstruction and Improvements				
	Reconstructing County maintained dirt roads by paving - Various Locations per attached list			\$ 12,630,714
	Improving County maintained roads by resurfacing - Various Locations			\$ 1,250,000
Sidewalk Construction and ADA Improvements				
	ADA improvements to County maintained sidewalks - Various Locations			\$ 2,455,000
Zone 4 Total Estimated Cost Additional Transportation Projects				\$ 77,815,714
Northwest Volusia County - Water Quality Projects				
Map ID	Project Location/Description			Estimated Cost
Water Quality - Stormwater				
Lake Beresford Stormwater Treatment Improvements				
1	Lakeside Drive Stormwater Treatment Facility – Construct stormwater treatment facility with BAM filter and install nutrient separating baffle box			\$ 500,000
Blue Spring Basin Stormwater Treatment Improvements				
2	Blue Spring Basin Retention Pond Retrofit – Install BAM material in existing treatment ponds to reduce nutrient loading into the groundwater (split with Zone 3)			\$ 750,000
DeLeon Springs Stormwater Treatment Improvements				
3	Dawson Brown Road Stormwater Treatment Facility – Construct stormwater treatment facility			\$ 700,000
4	County Road 3 – Install nutrient separating baffle box			\$ 300,000
Flood Mitigation				
	Flood Mitigation - Property Acquisition and Improvements			\$ 500,000
Zone 4 Total Estimated Cost Water Quality Projects				\$ 2,750,000

