Volusia County
FLORIDA

Five Year Capital Plan

JUNE 7, 2022

Process Outline

- Projects identified by Department Directors, Constitutional Officers, County Manager, and/or County Council
- 5 year capital plan included as part of the department's budget submittal
  - Plan is reviewed and updated annually
  - Plan is presented to Council for feedback prior to the recommendation of the annual budget
- Council approves year one of the plan as part of the budget process
  - Year 2 through 5 are for financial planning, funding is not appropriated until it is included in the annual budget or appropriated via budget resolution
  - Staff continually seeks grants or other alternative funding sources to fund projects

Types of Projects

- **Capital Replacement Projects**
  - Projects of any value that are a replacement or rehabilitation of an existing asset without substantial modification or upgrades
- **Small Capital Projects**
  - New projects or upgrades to existing assets
  - Cannot be accounted for in normal operating budget
  - Does not meet the threshold of capital improvement projects
- **Capital Improvement Projects**
  - Established cost of $500,000 and Five Year Life Expectancy
  - Be a Major Expenditure for:
    - Construction
    - Purchase of Land and Existing Structures
    - Communications and Information Technology Projects

Funding Request by Project Type

Category	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	Funding Not Identified
Capital Replacement Projects	$25,533,501	$20,970,720	$24,485,500	$19,126,000	$14,774,000	$0
Small Capital Projects	$4,516,968	$2,955,000	$1,890,000	$1,333,500	$1,787,500	$0
Capital Improvement Projects	$31,951,150	$54,875,972	$53,210,835	$24,176,804	$24,499,615	$897,377,274
Total	**$62,001,619**	**$78,801,692**	**$79,586,335**	**$44,636,304**	**$41,061,115**	**$897,377,274**

Capital Replacement Projects

- Complete project list provided as attachment to this agenda item
- Project replacement plan development
  - Asset life expectancy
  - Environmental conditions
  - Inspections
  - Usage
- Project examples include, but not limited to:
  - Restroom replacements
  - Playground equipment & surface replacements
  - Air handler & chiller replacements
  - Airport runway rehabilitation
  - Lighting, door, and window replacements or resealing
  - Roof replacements
  - Traffic signal replacements
  - Building repairs including interior and exterior painting

Small Capital Projects

- Complete project list provided as attachment to this agenda item
- Small projects request based on:
  - Needs of the division
  - Community impact/safety
  - Operational savings
- Small project examples include, but not limited to:
  - Lighting conversions to LED lighting
  - Building reconfiguration/remodels
  - ADA upgrades
  - New traffic signals
  - Storage sheds

General Fund - Capital Improvement

Division	Project	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27
Coastal	Ocean Drive ADA Walkover	$0	$0	$0	$0	$650,000
Coastal	Tide & Floral Dunes ADA Walkover	$800,000	$0	$0	$0	$0
Facilities	Deland Annex ADA	$550,000	$0	$0	$0	$0
	Total General Fund	**$1,350,000**	**$0**	**$0**	**$0**	**$650,000**

*Does not include Capital Replacement or Small Capital Projects

Library & Mosquito Control Funds - Capital Improvement

Project	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27
Daytona Beach Regional Library Flood Mitigation Phase II	$745,000	$0	$0	$0	$0
Port Orange Library Expansion	$0	$0	$0	$9,400,000	$0
Library Fund Total	**$745,000**	**$0**	**$0**	**$9,400,000**	**$0**

Project	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27
Mosquito Control Facility*	$1,150,000	$1,000,000	$1,000,000	$1,000,000	$1,000,000

*Annual set-aside to accumulate funds for replacement or rehabilitation of the facility. Total project estimate is $11,000,000

Fire Services - Capital Improvement

Project	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27
Station 34 Renovation**	$9,191	$0	$0	$0	$0
Station 47 Replacement (Replaces Station 18)	$0	$302,605	$7,700,000	$0	$0
Station 15 Relocation	$0	$15,000,000	$0	$0	$0
Station 22 Renovation	$600,000	$0	$0	$0	$0
Station 23 Relocation	$0	$0	$0	$650,000	$7,700,000
Fire Services Total*	**$609,191**	**$15,302,605**	**$7,700,000**	**$650,000**	**$7,700,000**

*Funded via Fire Impact Fees and Fire Ad Valorem

**FY 2022-23 includes new funding appropriation only. Total project cost for Station 34 estimated to be $949,127

Port District and Beach Capital - Capital Improvement

Project	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27
Reef Deployments	$200,000	$200,000	$200,000	$200,000	$200,000
Smyrna Dunes Park – Main Pavilion Replacement & Expansion	$0	$275,000	$200,000	$200,000	$0
Total Port District	**$200,000**	**$475,000**	**$400,000**	**$400,000**	**$200,000**

Project	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27
Land for Future Off Beach Parking	$489,986	$386,288	$276,252	$1,022,592	$0

Airport - Capital Improvement (Local Portion)

Project	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27
Bellevue Ave. Extension Re-alignment	$0	$5,000,000	$0	$0	$0
Parking Lot Improvements	$1,797,500	$0	$0	$0	$0
Perimeter Service Road	$0	$0	$0	$500,000	$65,000
South Property Land Acquisition	$0	$0	$0	$0	$750,000
Taxiway Echo Expansion	$577,500	$0	$0	$0	$0
Taxiway W Expansion	$0	$0	$0	$783,150	$0
Terminal Baggage Claim Enhancements	$0	$0	$0	$0	$5,000,000
Passenger Boarding Bridges Pre-conditioned air	$0	$750,000	$0	$0	$0
Airport Total	**$2,375,000**	**$5,750,000**	**$0**	**$1,283,150**	**$5,815,000**

*Project totals represents local airport funding to be combined with Federal and State dollars

Roads - Capital Improvement

Project	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27
Advanced Engineering & Permitting	$700,000	$700,000	$700,000	$700,000	$700,000
Advanced Right of Way Acquisition	$300,000	$300,000	$300,000	$300,000	$300,000
County-wide Safety Projects	$1,500,000	$1,500,000	$2,000,000	$2,000,000	$2,000,000
Old Mission Rd. – Josephine to West Park	$2,000,000	$1,500,000	$1,500,000	$0	$0
Pioneer Trail – Tomoka Farms to Williamson	$1,200,000	$800,000	$0	$0	$0
Rhode Island Extension – Veterans Memorial to Normandy	$0	$0	$300,000	$0	$0
Veterans Memorial Extension – Graves to SR472	$1,500,000	$14,222,000	$0	$0	$0
Veterans Memorial Widening – Rhode Island to Graves	$900,000	$600,000	$0	$0	$0
Total Roads	**$8,100,000**	**$19,622,000**	**$4,800,000**	**$3,000,000**	**$3,000,000**

*Road Impact Fees and Transportation Trust Funding

Ocean Center and Parking Garage - Capital Improvement

Project	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27
Ocean Center - Arena Mezzanine Concourse Restrooms	$0	$1,000,000	$0	$0	$0

Project	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27
Parking Garage – Mechanical, Electrical, and Plumbing Upgrades	$300,000	$1,000,000	$1,000,000	$1,000,000	$0

Solid Waste - Capital Improvement

Project	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27
Landfill Southeast Area New Cell Construction	$716,625	$790,079	$32,429,583*	$871,062	$914,615
Landfill Gas Expansion	$685,000	$890,000	$920,000	$675,000	$580,000
Landfill Stormwater Construction Improvements	$900,000	$0	$0	$0	$0
Transfer Station Household Hazardous Waste Improvements	$551,000	$225,000	$0	$0	$0
Transfer Station Stormwater Site Improvements	$0	$3,900,000	$0	$0	$0
Solid Waste Total	**$2,852,625**	**$5,805,079**	**$33,429,583**	**$1,546,062**	**$1,494,615**

* Will require additional funding beyond what is currently available

Water & Sewer Utilities - Capital Improvement

Project	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27
Fort Florida Utility Extension	$3,604,348	$0	$0	$0	$0
Glenn Abbey Waste Water Treatment Plant	$6,500,000	$0	$0	$0	$0
Southwest Interconnect – Raw Water Transmission Mains	$475,000	$3,755,000	$0	$0	$0
Del North Service Area – Potable Water Interconnect	$0	$525,000	$0	$4,100,000	$0
Mosquito Lagoon – Sanitary Sewer Extensions	$0	$0	$550,000	$0	$0
Blue Springs Basin – Alternative Water Supply	$0	$0	$0	$510,000	$0
Potable Water Main Extensions and Infrastructure	$0	$0	$0	$0	$4,375,000
Gemini Springs Priority Focus Area – Sanitary Sewer Extension	$700,000	$0	$3,875,000	$0	$0
Spruce Creek Master Control Center Upgrades	$2,250,000	$0	$0	$0	$0
Water & Sewer Utilities Total	**$13,529,348**	**$4,280,000**	**$4,425,000**	**$4,610,000**	**$4,375,000**

Trails - Capital Improvement

Project	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27
Internal Engineering Costs for Trail Development*	$250,000	$255,000	$260,000	$265,000	$265,000

*Trail construction funded by State grants. Master plan for trails system is currently in development and will be presented to Council at a future meeting.

Capital Improvement – Funding not Identified

- Following slides provide a list of projects where funding has not been identified
  - There is currently $897,377,274 worth of projects with unidentified funding
  - Majority of the unfunded list is road projects
- Staff continually seeks grant opportunities to find ways to fund capital needs
- Presenting projects with funding not available follows recommendation from the Internal Audit Report on Capital Projects

Business Services Capital Improvement – Funding not Identified

Project	Project Cost
New Daytona Court Complex	$160,000,000

- Project would replace City Island courthouse

Community Services Capital Improvement – Funding not Identified

Project	Project Cost
PFC Emory Bennett Park – Park Expansion	$15,000,000

- Project would add additional ballfields and community center/gymnasium
- Land is already county owned
- Potential ECHO project

Public Protection Capital Improvement – Funding not Identified

Project	Project Cost
Corrections - Medical Wing	$11,400,000
Emergency Management - EOC Multi-purpose Expansion*	$5,500,000
New EMS Headquarters*	$20,000,000
Public Protection Logistics Center*	$5,000,000
Total	**$41,900,000**

*Currently exploring the option to apply for a BRIC grant for these projects as well as Fire Station 15. A 25% local match would still be required.

Water, Resources & Utilities Capital Improvement – Funding not Identified

Project	Project Cost
Wastewater Infrastructure River Road RV Park & Seminole Rest State Park	$2,887,500
Septic to Sewer – Blue Springs PFA; Breezewood & Orange City Hills	$22,375,000
Total	**$25,262,500**

Traffic Engineering Capital Improvement – Funding not Identified

Project (Traffic Signal Upgrades)	Project Cost
325 Richard Petty Blvd. & Aerospace Blvd.	$650,000
451 Tymber Creek Rd. & LPGA Blvd.	$650,000
413 Old Mission Rd. & Josephine St.	$650,000
334 Williamson Blvd. & Ormond Square Shopping Center	$650,000
284 Clyde Morris Blvd. & Taylor Rd.	$650,000
241 Taylor Rd. & Spruce Creek Rd.	$650,000
280 Clyde Morris Blvd. & Madeline Ave.	$650,000
Total	**$4,550,000**

Road & Bridge & Stormwater Capital Improvement – Funding not Identified

Project	Project Cost
Water Quality - East Indian River Blvd. bioreactor	$3,162,500
Water Quality - Lighthouse Cove stromwater treatment facility	$2,587,500
Water Quality - Lake Sydney/Diane/Big Lake Outfall System	$2,187,500
Water Quality - Pipe B-23 Canal from Commonwealth Blvd. to Farmbrook Rd.	$1,875,000
Water Quality – S. Peninsula - Replace stormwater pipe with exfiltration trench system	$1,875,000
Water Quality - Install nutrient separating baffle boxes	$1,250,000
L.B. Knox Bridge - Bascule Bridge Mechanical System Upgrade	$1,062,500
Water Quality - Diversion of stormwater to existing borrow pit south of NSB airport	$875,000
County Road 3 - Widen Bridge and Add Paved Shoulders	$500,000
Old Dixie Highway - New Bikepath and Erosion Protection	$437,500
Public Works Facility	$25,000,000
Total	**$40,812,500**

Prioritized Road Program Capital Improvement – Funding not Identified

Project	Project Cost
Talyor Branch Rd. - Widening from Dunlawton to Clyde Morris Blvd.	$5,087,000
Veterans Memorial Pkwy. Widening – Rhode Island to Graves	$5,858,000
Hand Ave. - Widening from Clyde Morris Blvd. to Nova Rd.	$5,300,000
Williamson Blvd. - Widening from Beville Rd. to Madeline Av.	$4,991,000
Dunn Ave. - Extension from Tomoka Farms Rd. to LPGA	$13,318,000
Taylor Rd. - Widening from Forest Preserve Blvd. to Summer Trees Rd.	$10,522,000
Pioneer Trail – from Tomoka Farms Rd. to Williamson	$8,625,000
Rhode Island Extension – Veterans Memorial Pkwy. To Normandy	$22,944,000
Total	**$76,645,000**

Other Road Projects Capital Improvement – Funding not Identified

Project	Project Cost
LPGA Blvd. - US-92 to I-95 Interchange	$41,000,000
Tymber Creek Rd. - Extension from Margaritaville to SR-40	$22,350,000
SR44 Intersection Improvements - Misson Dr./Wallace Rd. to Canal St.	$980,000
Josephine/10th St. - from Old Mission to Tatum St.	$6,500,000
Sugar Mill Rd. - Widening from SR44 to Pioneer Trail	$12,800,000
Williamson Blvd. - Extension from SR44 to Pioneer Trail	$43,260,000
Tymber Creek Rd. - Widening from Peruvian Way to Airport Rd.	$11,540,000
Dunn Ave. - Widening from Williamson Blvd. to Clyde Morris Blvd.	$21,630,000
Airport Rd. - Widening from Pioneer Trail to Williamson Blvd.	$18,750,000
Williamson Blvd. - Widening from Summer Trees Rd. to Madeline Av.	$35,400,000
Tomoka Farms Rd. - Widening from I-4 Overpass to US92	$8,400,000
Tomoka Farms Rd. - Widening from Taylor Rd. to I-4 Overpass	$29,900,000

Other Road Projects Capital Improvement – Funding not Identified Continued

Project	Project Cost
Pioneer Trail - Widening from Airport Rd. to I-95	$18,030,000
Dirksen Dr. - Widening from 17-92 to I-4	$10,400,000
Plymouth Ave. - Widening from SR-15A to 17-92	$12,100,000
Orange Camp Rd. - Widening from 17-92 to MLK	$25,000,000
Doyle Rd. - Widening from Providence Blvd. to Saxon Blvd.	$22,030,000
Doyle Rd. - Widening from Saxon Blvd. to Courtland Blvd.	$15,000,000
Doyle Rd. - Widening from Courtland Blvd. to SR415	$10,230,000
Saxon Blvd. - Extension from Westside Parkway to 17-92	$13,000,000
Westside Parkway - from Saxon Blvd. to French Av.	$26,700,000
MLK Jr. Parkway - Widening from SR-472 to US-92	$58,300,000
Hand Ave. - Extension from Williamson to Tymber Creek	$29,000,000

Other Road Projects Capital Improvement – Funding not Identified Continued

Project	Project Cost
Pioneer Tr. - Tomoka Farms Rd. to SR-44 Safety Improvements	$7,500,000
Saxon Blvd. - Widening from Finland Dr. to Normandy Blvd.	$6,100,000
Beresford Ave. Extension - Kepler to SR44	$4,400,000
Westside Dirt Road Reduction	$15,032,003
Eastside Dirt Road Reduction	$7,875,271
Total	**$533,207,274**

Questions/Direction

