

# Old Palm City (North) Neighborhood Restoration Revised 11/21/2023

**Category** Non-concurrency  
**Project Number** 101766  
**Location** Palm City  
**District** 5  
  
**Project Limits** Subdivisions and Local Roadways adjacent to Mapp Road north of SR 714.  
  
**Related Projects** Woodside/Stratford Subdivision Septic to Sewer  
**Lead Dept/Division** Public Works/Capital Projects  
**Year Project Initiated** 2017



**Project Life Cycle** 25 Years  
**Resilience Requirements**  2040 Vulnerability  2070 Vulnerability  2100 Vulnerability



### DESCRIPTION

The Infrastructure Reinvestment project includes the replacement of drainage structures, regrading of drainage swales, replacement of aging utilities, pavement milling, resurfacing, replacement of sidewalks, and other ancillary items within the neighborhood. This project completes the neighborhood restoration of the Maplewood, Gull Harbor, Pelican's Cove, Riverview, Stratford Downs, Woodside, Seagate Harbor, and Lighthouse Point subdivisions.

### BACKGROUND

There are several areas of the neighborhood with a poor drainage health index and low pavement rating. This project will be coordinated with the Utilities & Solid Waste Department Septic to Sewer Program. Many of the roadways in this neighborhood are subject to tidal flooding associated with sea level rise, and we have applied for planning grants from various agencies to analyze those impacts and potential improvements before funds are spent on resurfacing.

### PROJECT ORIGINATION

Infrastructure Needs

### JUSTIFICATION

Policy 14.1A.10 of the Comprehensive Growth Management Plan has requirements to "(1) identify projects that eliminate public hazards; and (2) repair, remodeling, renovation or replacement of obsolete or worn out facilities that contribute to achieving or maintaining standards for levels of service."

| Expenditures             | Total            | To Date       |                | Funded           |                  |                  |          |          | Unfunded  |
|--------------------------|------------------|---------------|----------------|------------------|------------------|------------------|----------|----------|-----------|
|                          |                  |               |                | FY24             | FY25             | FY26             | FY27     | FY28     | FY29-FY33 |
| Design                   | 525,500          | 40,500        |                | 485,000          |                  |                  |          |          |           |
| Construction             | 6,531,873        |               |                |                  | 3,265,936        | 3,265,937        |          |          |           |
| <b>Expenditure Total</b> | <b>7,057,373</b> | <b>40,500</b> |                | <b>485,000</b>   | <b>3,265,936</b> | <b>3,265,937</b> | <b>0</b> | <b>0</b> | <b>0</b>  |
| Revenues                 | Total            | To Date       | Carryover      | FY24             | FY25             | FY26             | FY27     | FY28     | FY29-FY33 |
| Road MSTU                | 150,000          |               |                | 150,000          |                  |                  |          |          |           |
| FPL Franchise Fee        | 3,564,873        | 40,500        | 174,373        | 200,000          | 1,850,000        | 1,300,000        |          |          |           |
| Grant                    | 3,242,500        |               |                | 3,242,500        |                  |                  |          |          |           |
| Ad Valorem               | 100,000          |               |                |                  |                  | 100,000          |          |          |           |
| <b>Revenue Total</b>     | <b>7,057,373</b> | <b>40,500</b> | <b>174,373</b> | <b>3,592,500</b> | <b>1,850,000</b> | <b>1,400,000</b> | <b>0</b> | <b>0</b> | <b>0</b>  |
| <b>Total Unfunded</b>    |                  |               |                |                  |                  |                  |          | <b>0</b> |           |

### OPERATING BUDGET IMPACT

Maintenance costs during the first five years after drainage replacement, resurfacing and restriping will be minimal;  
 Drainage structures installed have a 50-100 year life cycle;  
 Resurfaced asphalt pavement will have a 25-30 year cycle at \$125,000/mile