



Punta Gorda



Capital Improvements Program

Project Updates

December 2019

Gilchrist Park– Areas 2a and 2b

- Construct Harborwalk portion only
- 90% design presented at 12/4/19 Council meeting. SWFWMD permit received.
- Park portion to be undertaken after Harborwalk is completed and will include:
 - Landscaping
 - Decorative Lighting
 - Improvements to Basketball Courts
 - Parking
- Sales Tax Funds
 - Project \$2.6 million

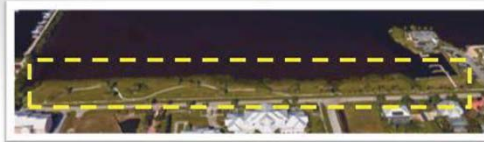


Harborwalk West – Area 3

- Design Harborwalk West
Shreve St to Linear Park

Includes

- 2 foot bridges
 - Decorative Lighting
 - Landscaping
 - On Street Parking
-
- Design delayed – City Council direction to not move forward at this time
-
- Sales Tax Funds
 - Engineering \$90,000 (ST)



Waterfront Activity Center

- Waterfront Activity Center Report presented at 10/2/19 Council meeting. Decision to retain both Bayfront Center and Boat Club buildings.
 - PG Boat Club Lease in Negotiations
 - Bayfront Building Historic Survey underway
- Engineering & Construction not currently funded



Ponce de Leon Park Redesign

- Design delayed – City Council direction to not move forward until Peace River Wildlife Center (PRWC) relocation to West Henry is resolved
- Repairs to boardwalk, seawall and pier to be undertaken
- Sales Tax Funds & Special Use Funds
 - Project \$1.0 million



Park Wooden Pathways & Pier Pilings

- Replacement of wooden pathways and pier pilings
- Pilings repaired at Justice Center and MLK Blvd
- Harborwalk Pier at Adrienne Street Completed
- Ponce Park boardwalk being evaluated
- General Fund
 - Project Budget \$225,000



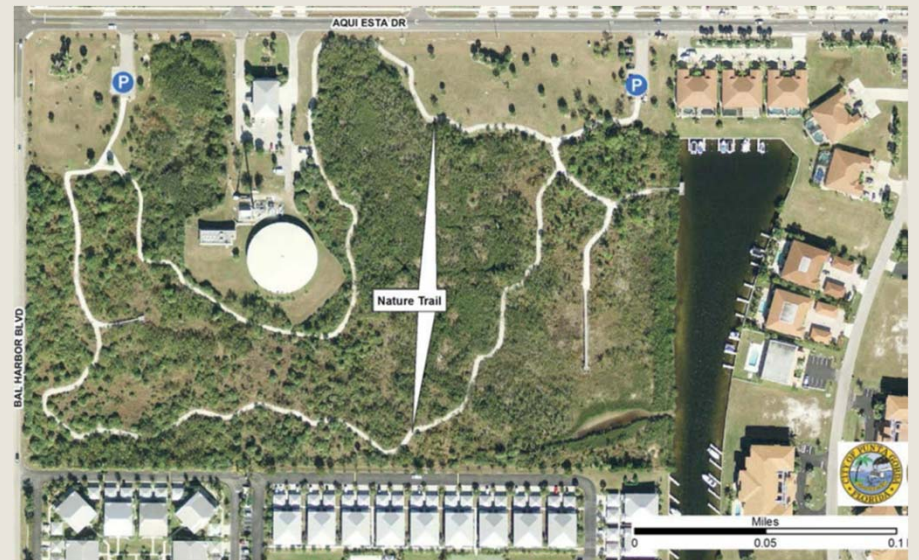
Laishley Park – Playground Equipment

- Replace playground equipment & surface near interactive fountain
- Currently seeking proposals
- General Fund
 - Project Budget \$50,000



Nature Park – Phase II

- Hardscape & ADA improvements to Phase II
- Improve nature trail; observation points, fishing pier, and drainage
- Design in-house FY 2020
- Construction Phase I FY 2021
- Park Impact Fees
 - Project Budget \$240,000



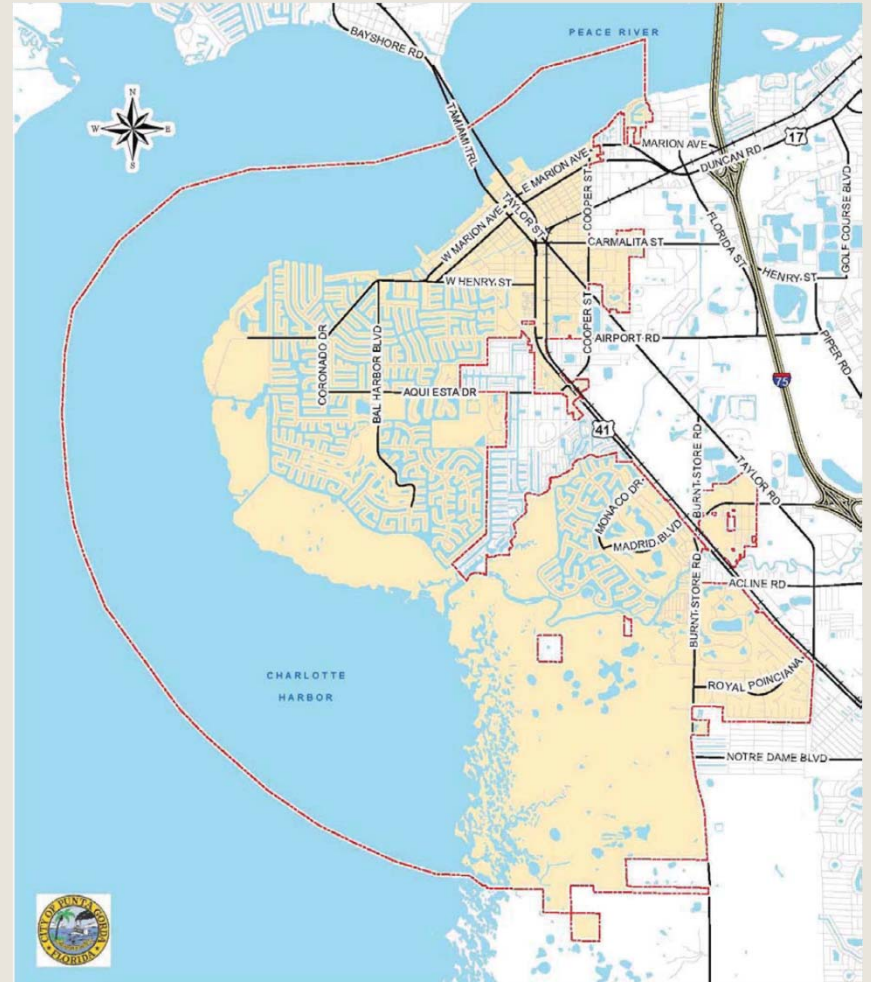
Veterans Park Redesign – Phase II

- Design & construction to enhance the unimproved areas
- Construction completion anticipated early 2020
- 1% Sales Tax & Private Contributions
 - Project Budget \$460,000



ADA Improvements Citywide

- Implementation of the Citywide ADA Transition Plan
 - FY 2020 projects to be considered on 12/18/19 Council agenda
- Address technology concerns – ADA website access.
- Sales Tax Funds
 - Project Budget \$764,000



ADA & Security Enhancements

- Design plans anticipate completion Jan. 2020
- ADA Infrastructure construction anticipated to begin July 2020 and equipment install late FY 2020 to secure city buildings:
 - City Hall Annex, Public Safety Building, Utilities, and Public Works
 - City Hall improvements currently delayed due to Historic City Hall Study (anticipated completion Feb. 2020)
- Various Funds
 - Project cost \$138,550
 - Additional Funding required



ADA Curb Improvements/Intersection Treatments

- ADA improvements/ intersection treatments are being completed to alleviate ADA issues. May be constructed in conjunction with resurfacing program at required locations
- Annual improvements to be completed through 2020
- Sales Tax Funds
 - Project Budget \$142,000



Alligator Creek - US 41 NB Pedestrian Bridge I

- Construction of bicycle/pedestrian bridge over Alligator Creek at US 41 NB
- Estimated completion March 2020
- FDOT/SunTrails Funds, Sales Tax Funds & Transportation Impact Fees
 - Design & Land Mitigation \$235,000
 - Construction \$1.2 million



Complete Streets – Airport Road Improvements

- Design improvements from US 41 to Cooper St:
 - Sidewalks
 - Bicycle facilities
 - Decorative lights
 - Trees
- Design contract awarded \$168,000; Anticipated completion of design is May 2020
- Sales Tax Funds
 - Design & Construction \$1.9 million
 - \$550,000 Sales Tax
 - \$1.3 million unfunded



Complete Streets – Cooper Street Improvements

- Design improvements to Cooper Street from Airport Rd to East Marion Avenue:
 - Sidewalks
 - Bicycle facilities
 - Decorative lights
 - Trees
- Design contract awarded \$388,000; Anticipated completion of design late FY 2020
- Sales Tax Funds
 - Design & Construction \$2.9 million
 - \$1 million Sales Tax
 - \$1.9 million unfunded



Complete Streets – Shreve Street Improvements

- Design & construction for lighting on the Shreve St path & widening of existing sidewalk on Pompano Terrace
- On the MPO/LAP priority list for unfunded projects
- Design late FY 2020
- Sales Tax Funds
 - \$225,000 (ST)
 - \$125,000 (Unfunded)



Shreve Street Trail Head

- Construct a trailhead at the Shreve St MURT, includes:
 - Restrooms
 - Picnic area w/tables
 - Water fountain
 - Shade structure, if possible
- Applied for FRDAP grant (if available) with 50% match
- Sales Tax Funds
 - \$200,000 (ST)
 - \$200,000 (Unfunded)

Shreve Street Trailhead - Concept Plan



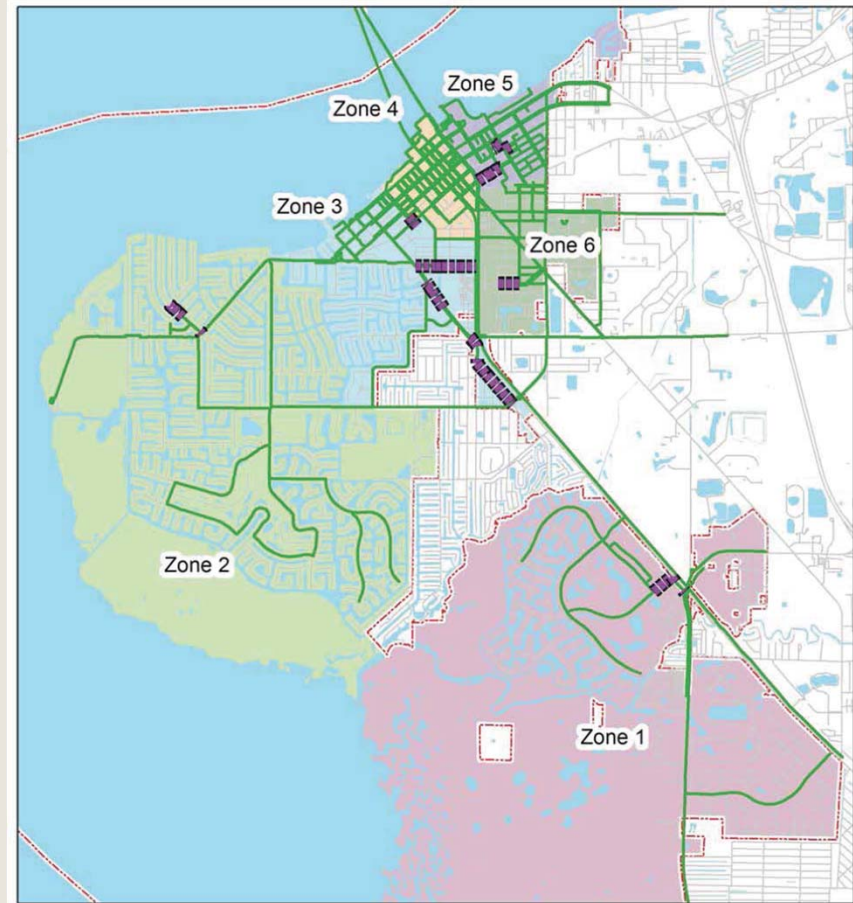
Harborwalk – US 41 Bridge Approach Lighting

- Design & installation of decorative lighting from East & West Retta Esplanade to Peace River Bridge
- Design Late FY 2020
- Estimated Construction FY 2022-2024
- Will apply for Grant
- Sales Tax Funds
 - \$120,000
 - \$550,000 (Unfunded)



Sidewalk Improvements

- Construction of additional sidewalks throughout the city, providing for safe pedestrian traffic
- Construction FY 2020
 - Madrid Sidewalks
 - Other areas TBD
- Sales Tax Funds, Impact Fees, & 'in lieu of' Funds
 - Project Cost \$ 386,000



Baynard/Vasco Sidewalk Improvements

- Design and construct missing sidewalk
 - Connection at Shreve/Baynard/Vasco
- Construction FY 2022
- Sales Tax Funds
 - Project \$200,000 (ST)
 - Unfunded \$200,000



Drainage Improvements

- Drainage improvements for Corto Andra/Boca Grande area; may include a retention pond bank
- Design 98% complete; to be finalized once property is acquired for storm water ponds
- Currently in process of acquiring those properties
- Continuing to explore grant opportunities and monetary State appropriation request
- Sales Tax Funds & Possible State Funding
 - \$4.07 million (\$3 million unfunded)



Swale Drainage Improvements

- Annual program for regrading of drainage swales citywide
- 294 properties completed in FY 2019
- 325 properties estimated to be regraded in FY 2020
- Work underway
- General Fund
 - \$ 527,000



Storm Sewer Reconstruction

- Annual project involving storm drainage pipe lining or replacement of defective pipe
- Performed as-needed or for emergency improvements
- Unused funds are accumulated for larger projects
- General Fund
 - \$78,000



National Pollutant Discharge Elimination System

- **Best Management Practices:**
 - Public Education
 - Public Involvement
 - Illicit Discharge & Connection Elimination
 - Construction Site Run-Off Control
 - Post Construction Stormwater Mgmt.
 - Pollution Prevention
 - Total Maximum Daily Loads (TMDL)
- **Annual program**
- **General Fund**
 - Project Budget \$73,000



Bridge Repair

- Projects are a result of FDOT bridge inspections.
- Biennial Inspections underway. Completion of Inspections will result in work order generation.
- Construction has been authorized; material has been ordered and awaiting delivery
- General Fund
 - \$207,000



Buckley's Pass



- Dredging underway
- Buckley's Pass open for navigation April 2020
- Estimated project cost
\$2.7 million



Historic District Initiatives

- Continued efforts to promote & preserve the neighborhood
 - Infrastructure Project Task 2
- FY 2020 projects approved by Council 10/02/19
 - Improvements on Mary St. and E Charlotte
- General Fund
 - Project Budget \$87,500



Engineering Room Renovation



- Renovate existing utility room for office space
- To be completed March 2020
- General Fund
 - Project budget \$ 30,000



Capital Project Management

- Capital Project Manager will oversee the design to construction of various City projects
- Funding will be made on a year to year basis and projects will progress throughout the year
- Sales Tax Funds
 - \$90,000 annually



Fire Equipment Replacement

- Replace equipment as needed due to normal wear and tear or damage

- Suppression Equipment (\$15,000)
- Personal Protective Equipment (\$10,000)
- ALS Medical Equipment (\$39,000)

- General Fund

- Budget \$64,000



Fire Department Fleet Replacement

- Purchase of Vehicle for New Position
- New Training Chief Position
- General Fund
 - Budget \$35,000



Police Fleet Purchases

- **Fleet Purchases FY 2020**
 - 5 Marked Vehicles Planned Replacement
 - 1 Marked Vehicle for New Officer
- **Specifications to be provided to Procurement for order placement**
- **Sales Tax Funds & General Fund**
 - \$272,000 Budget



Fleet & Equipment Replacements

- Right of Way: Purchase of Asphalt Patch Trailer \$50,000
- Right of Way: Purchase of $\frac{3}{4}$ ton Pickup \$45,000
- Parks & Grounds: Purchase of a 3 ton flatbed truck \$100,000
- Urban Design: Purchase Plotter \$28,000



City Wide Radio Communications Upgrade

- Project consists of replacing hand held and vehicle mounted radios citywide. Parallel project with Charlotte County Government (P25 Digital Radio Communications Infrastructure Upgrade)
- Equipment purchased with programming & deployment anticipated 1st Quarter, 2020
- Sales Tax Funds
 - Remaining Project Budget \$14,000



Sanitation Fleet Replacement

- Purchase 3 Refuse Truck Compactors (HD 25 yard rear loader with tippers)
- Sanitation Fund
 - \$767,000



Building Fleet Replacement

- Pickup Truck, ¼ ton (for add'l position added in prior year)
- Building Fund
 - \$23,000



Utilities Fleet Replacement

- Utilities Administration:
Purchase of SUV \$30,000
- WTP: Purchase upgrade to a
1 ton Pickup Truck w/crane
\$140,000
- WWC: Purchase of $\frac{3}{4}$ ton
Pickup \$70,000



Utilities Equipment

- Utilities Administration:
Design Plotter \$28,000
- WD: Trailer Mounted 6 inch
Trash Pump \$25,000
- WD: Backhoe \$75,000
- WWTP: Front End Loader
w/Backhoe attachment
\$120,000



Water Treatment Plant Generator

- Design, bid, and install replacement of existing emergency power generator
- Substantially complete
- Final Completion December 2019
- Utility Fund
 - \$1.8 million



Groundwater RO Water Treatment Plant

- Wet Panels being installed
- Supports for the new caustic tanks being installed
- Scheduled completion
May/June 2020
- Utility Fund & State Grants
 - Project Cost \$40.4 Million



Wastewater Treatment Plant Tank Coating

- Replacement interior coating system in our wastewater equalization tank
- Projected to begin Summer of 2020
- Utility Fund
 - \$150,000



Wastewater Deep Injection Well MIT

- WWTP effluent disposal well is regulated by an Underground Injection Control (UIC) permit. Permit compliance requires Mechanical Integrity Testing (MIT)
- In procurement process
- Utility Fund
 - \$120,000



Wastewater Treatment Plant Improvements

- **DEP Rule requires the city to monitor flow rates of WWTP treatment and if flow rates reach 75% of the plant design flow capacity, a WWTP Expansion design report is required. Flow rates indicate the 75% condition is expected to occur within 5 years.**
- **Design report to identify future alternatives of WWTP expansion is currently under way**
- **Utility Fund/Wastewater Impact fees**
 - Funding through FY 2020 \$1.5 million
 - Funding FY 2021-2024 \$2 million



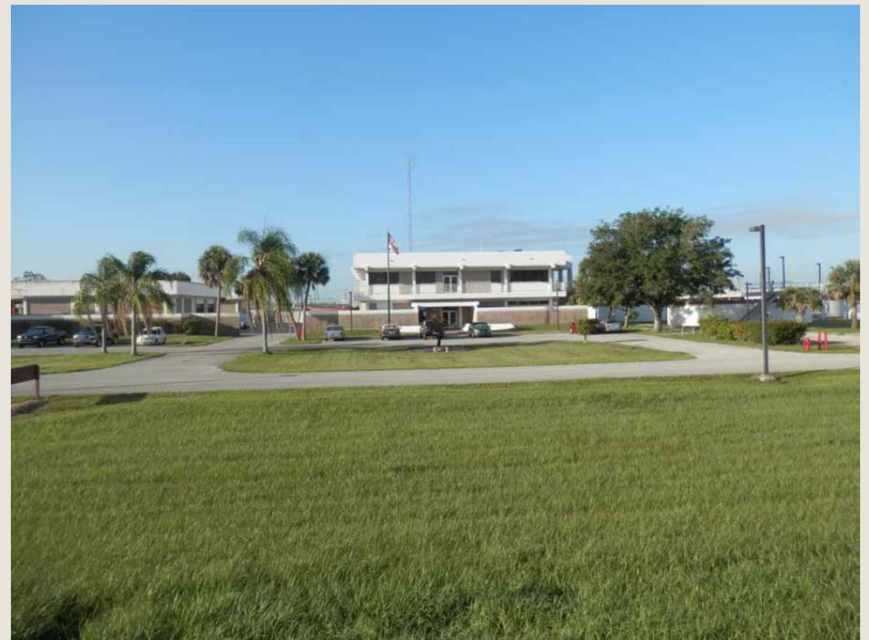
Wastewater Treatment Plant Clearwell Filters

- Install a cover filter at the clearwell to prohibit algae growth from sunlight
- Project was begun in FY 2019; expected completion September 2020
- Utility Fund
 - \$125,000



Wastewater Treatment Plant Building Repairs

- Project will replace all windows in the operation building and bring them to current code. Repair all damaged drywall in operation building and fix roof drain leak and repair all fascia to maintenance and operation building
- Plans in Preparation
- Utility Fund
 - \$153,000



Henry St 20" Force Main Replacement crossing at I-75

- Wastewater passes through and existing 18" DIP force main in the Henry Street alignment. DIP has an uncertain reliability with wastewater. Due to the age of this facility and critical need of continuous service, a second relief force main in the Henry Street alignment is recommended
- Design and engineering to begin March 2020
- Utility fund
 - FY 2020 Design \$250,000
 - FY 2021 Construct \$2 million



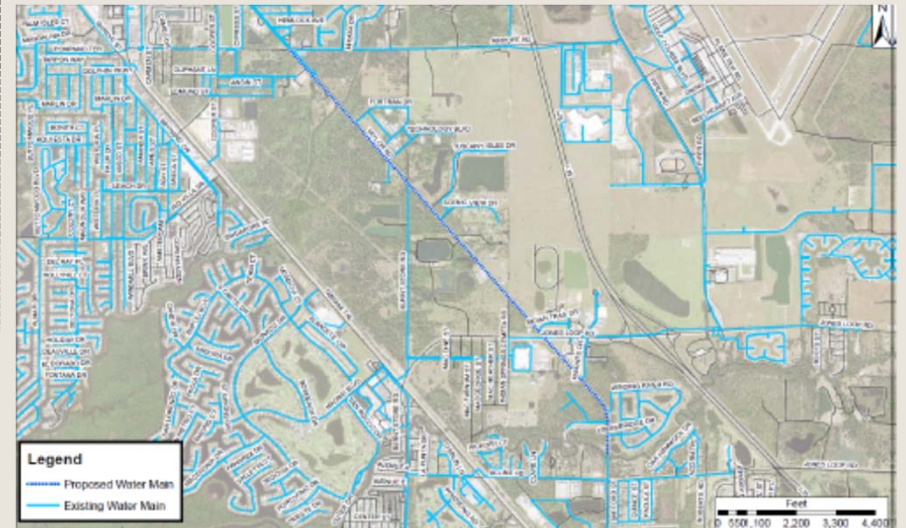
Water Treatment SCU Tank Coating

- Project will clean and apply tank coating system to restore the South Solid Contact Unit (SCU) interior tank surface
- Project estimated to begin September 2020
- Require Rebid: all bids received over budget
- Utility Fund
 - \$200,000



Water –Taylor Rd Watermain Replacement Upgrade

- Replace existing 10” CI water main with new 12” water main in Taylor Road from Airport Road to Alligator Creek Bridge
- Design and engineering to begin March 2020
- Utility Fund & Water Impact Fees
 - FY 2020 Design \$250,000
 - FY 2021 Construct \$3 million



Solona Water Main Replacement Upgrade

- Replace existing 8" CI water main in Marion Avenue from Cooper St to Florida St.
- Design and engineering delayed until FY2021 due to funding and current project workload
- Utility Fund
 - FY 2020 Design \$250,000
 - FY 2021 Construct \$3 million



Information Technology Infrastructure



- FY 2019 PRR Software (January 2020)
- Firehouse Report Management Software Upgrade (February 2020)
- Time Clock Plus Electronic Timekeeping (February 2020)
- Annual computer/Laptop/Tablet Purchase New/Replacements (Jan 2020-Order/May 2020 Distribution)
- Granicus Meeting and Minutes Management (March 2020)
- VMWare ESX Host with GPU (April 2020)
- Virtual Desktop Upgrade (May 2020)
- Specialty Forms for Public Safety OSSI (June 2020)
- GIS Equipment (September 2020)