



# Punta Gorda



Capital Improvements Program

FY 2022 Projects

Update

January 2022

# Ponce de Leon Park Repairs

2

- Seawall repairs complete
- Boardwalk and fishing pier repairs – Permit received; Working on interlocal agreement for annual maintenance; awaiting construction documents to complete scope of work for bid
- Special Use Funds, General Funds, and Sales Tax Funds
  - Project \$1.1 million



# Wooden Pathways & Pier Pilings

3

- Replacement of wooden pathways and pier pilings as needed
- Gilchrist Park pier decking replacement complete
- Adrienne St Pier Pilings and handrail complete
- General Funds
  - Project Budget \$159,000



# Laishley Park Playground and Interactive Fountain

4

- Design and install new playground equipment and surfacing, enhancements to interactive fountain area and replacement of fountain pump and filtration system
- Design complete; Updated estimate presented to Council January 2022 with additional funding request
- General Funds and CRA Operating Funds
  - Updated estimate \$600,000
    - ✦ Current Budget \$325,000
    - ✦ \$275,000 unfunded – Discussion under separate agenda item





# Nature Park – Phase I

5

- Improve and repair nature trail, observation points, fishing pier, drainage, and ADA accessibility
- Construction may occur in phases to accommodate other priority projects; Survey work continues, 30% plans pending
- Will continue to look for grant opportunities
- Park Impact Fees and Sales Tax Funds (ADA)
  - Project Budget \$411,000



# National Pollutant Discharge Elimination System

6

- **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 \$96,000



# Storm Sewer Reconstruction

7

- 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
  - \$228,000





# Bridge Repair

8

- Projects are a result of FDOT bridge inspections
- Biennial Inspections underway. Completion of inspections will result in work order generation
- General Fund
  - \$28,000



# Swale Drainage Improvements

9

- Annual program for regrading of drainage swales citywide
- 309 properties completed in FY 2020; 89 properties completed in FY 2021
- Contractor change delayed remainder of FY 2021 projects approximately 70 properties
- 121 properties estimated to be regraded in FY 2022; Work to begin early 2022
- General Fund
  - \$ 360,000





# Drainage Improvements – Boca Grande Area

10

- 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
- Acquired property; in process of eminent domain for final property
- State appropriation agreement signed; awaiting notification for \$2.5 million grant application
- Sales Tax; State Appropriation; Possible Grant Funding
  - \$5.7 million (\$2.5 million applied for grant)



# Channel and Basin Dredging at Boat Club Area

11

- Channel and basin have silted in
- Dock is in need of repairs
- FY 2022 funds for dock repairs and permitting of dredging
- January 2022: Scope for dock repairs to be submitted to Procurement; Permitting package to be submitted; Will apply for MAC grant for dredging in January 2023
- General Fund
  - Project Budget \$22,000
  - Unfunded \$153,000



# Railroad Crossing Rehabilitation

12

- Mandatory rehabilitation improvements per agreement with Seminole Gulf Railway, LP
- FY 2022: McKenzie Street crossing and sidewalk
- PO issued; engineering coordinating with the Railway; estimated start March 2022
- General Funds
  - FY 2022 Budget \$250,000

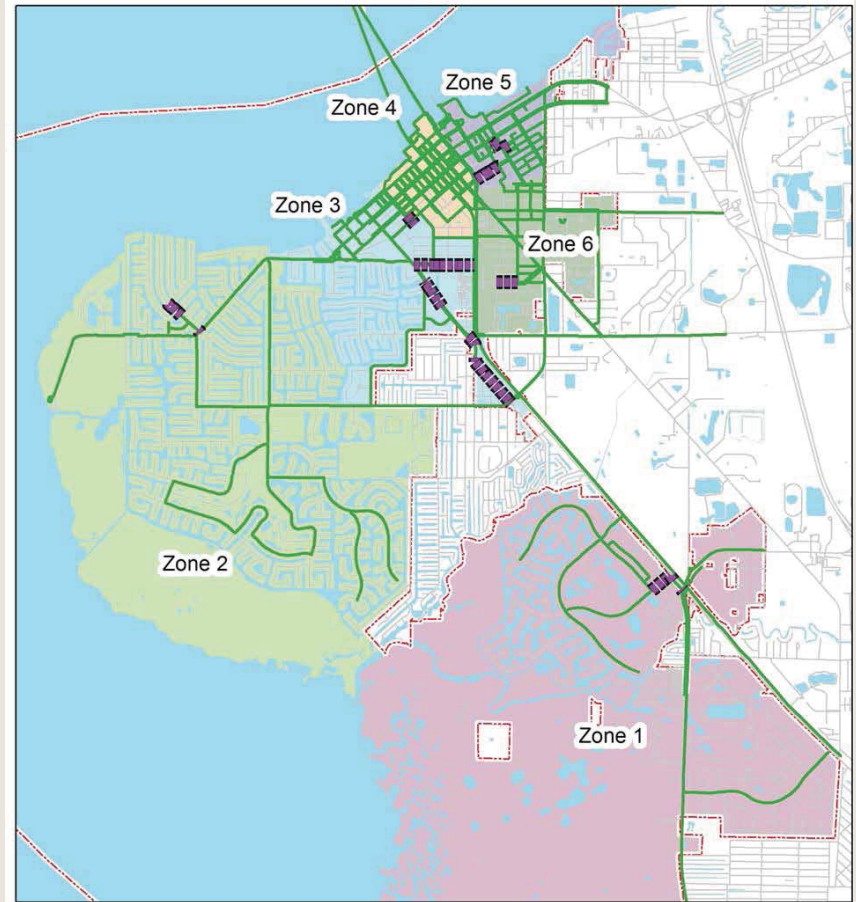




# Sidewalk Improvements

13

- Construction of additional sidewalks throughout the city, providing for safe pedestrian traffic
- West William St sidewalk- Execute harmless agreements from property owners, construction to begin early 2022
- Henry St sidewalk – PW completing plan set to be submitted to FDOT
- Other projects to be determined by priority and may include Historic District infrastructure, complete street improvements West Henry St. connection, US 41 NB bridge underpass improvements, and others
- Sales Tax Funds and Impact Fees
  - Project Cost \$ 560,000



# King Street Improvements

14

- Design and construction of King Street due to growth and safety concerns
- Necessary repairs needed to enhance existing infrastructure including street resurfacing, drainage, lighting, and safety concerns
- Public Works has started initial design to look at drainage patterns.
- Mobility Impact Fees and General Fund
  - Project Cost \$ 160,000

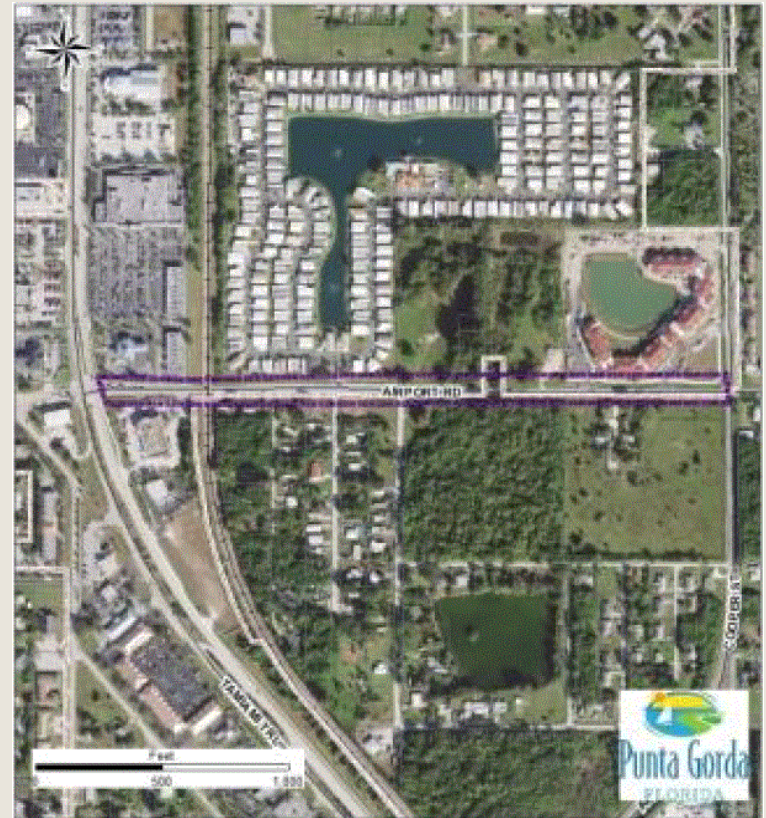




# Complete Street – Airport Road Improvements

15

- Design and construct improvements from US 41 to Cooper St:
  - Sidewalks
  - Bicycle facilities
  - Decorative lights
  - Trees
- Design contract awarded; 60% design received November 2020; Urban Design working with legal regarding railroad crossing issues
- Sales Tax and Impact Funds
  - Project \$1.79 million
  - \$186,000 unfunded



# Complete Streets – Shreve Street Improvements

16

- FY 2021 Lighting on the Shreve St path from Airport Rd/Pompano Ter to History Park. Installation in progress
- FY 2025 Widen the path on Pompano Ter from Shreve St to US 41
- Sales Tax Funds
  - \$225,000 (ST)
  - \$130,000 (ST-new)



# Complete Streets – Virginia Ave (US 41 to Nesbit)

17

- Design and Construct improvements for sidewalks, crosswalks, parking, lighting and trees
- 60% Design received and presented to DRC November 2021
- Sales Tax Funds
  - \$950,000



# ADA Curb Improvements/Intersection Treatments

18

- 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 2022
- Sales Tax Funds
  - Project Budget \$65,000





# Gilchrist Park– Area 2b

19

- Park portion will include:
  - Landscaping
  - Decorative Lighting
  - Parking
- Sales Tax Funds
  - Construction estimates up to \$3.1 million
    - ✦ Current Budget \$2.3 million
    - ✦ Approximately \$0.8 million unfunded – Discussion under separate agenda item

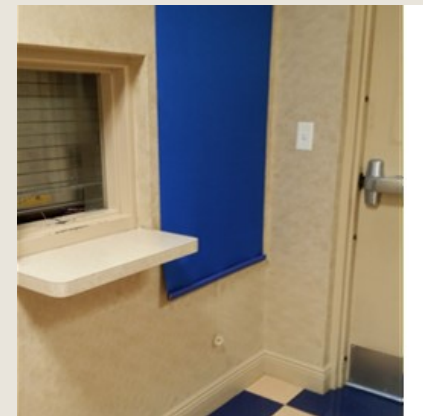




# ADA & Security Enhancements

20

- ADA and Security Infrastructure construction in process at city buildings:
  - City Hall Annex, Public Safety Building, Utilities, and Public Works
- Various Funds (General, Utilities, Canal Maint, Building, Sanitation, 1% Sales Tax)
  - Current Budget \$963,000



# Engineering Room Renovation

21

- Renovate existing utility room for office space
- Current budget will allow for lowered ceiling, A/C, adjustment of fire sprinklers, and flooring
- To be completed late FY 2022
- General Fund
  - Project budget \$ 30,000



# Fire Department Fleet Replacement

22

- Purchase of Replace 75” Aerial Ladder Fire Engine
- PO issued FY 2021. Delivery can take up to a year (may be longer due to material scarcity)
- General Fund
  - Budget \$875,000



# Historic District Initiatives

23

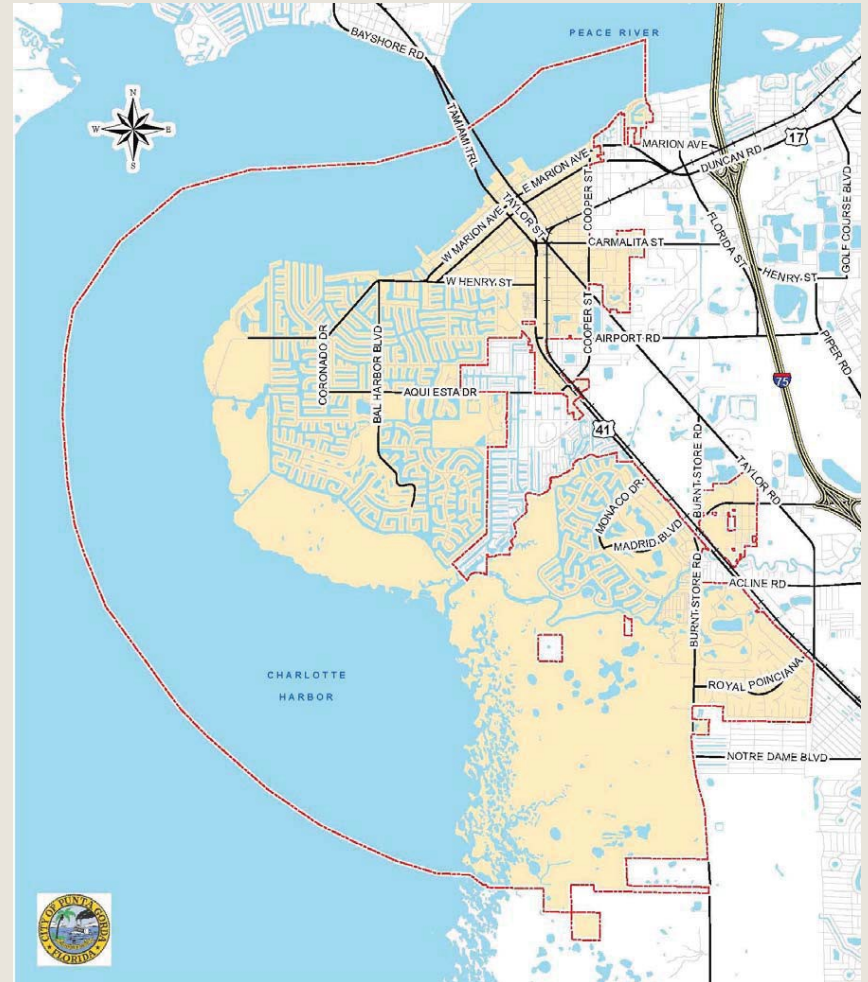
- Continued efforts to promote & preserve the neighborhood
- Several lighting improvements in the District were completed
- General Fund
  - Project Budget \$76,500



# ADA Improvements Citywide

24

- Implementation of the Citywide ADA Transition Plan
  - FY 2022 projects to be considered on 1/19/22 Council agenda
- Sales Tax Funds
  - Project Budget \$331,000





# Historic City Hall Rehabilitation

25

- Rehabilitation and remediation in order to improve the overall condition and functionality of City Hall while maintaining its historic character
- Design in process, estimated bid release for construction of FY 2022 to go to bid for construction; relocation of staff January 2022; relocation of meetings July/August 2022
- Sales Tax Funds
  - Project budget \$5 million
- General Funds for relocations and operating
  - \$500,000



# AC Freeman House Preservation

26

- Rehabilitation and remediation of this building while maintaining its historic character
- Design in process; application for grant funding submitted
- Sales Tax and Insurance Funds
  - Planning estimate \$1 million
  - \$240,000 Funded



# Henry Street Property Improvements

27

- Design enhancements to include:
  - Hounds on Henry
  - Peace River Wildlife Center connectivity to History Park, Library, and Linear Park
- Restroom facilities, parking, pathway connections, landscape
- Awaiting legal opinion regarding ability to utilize Peace River Wildlife Center engineer
- Hounds on Henry to include:
  - Site furnishings
  - Pavilion
  - ADA Compliance
- Sales Tax and Impact Fee Funds
  - Project budget \$ 3.1 million (\$1 million unfunded)



# Harborwalk – US 41 Bridge Approach Lighting

28

- Design & installation of decorative lighting from East & West Retta Esplanade to Peace River Bridge
- Project is in conjunction with FDOT resurfacing project which has been moved from 2021 to 2024
- Sales Tax Funds
  - \$120,000
  - \$280,000 (Unfunded)





# Harborwalk – ADA US 41 SB Bridge Ramp

29

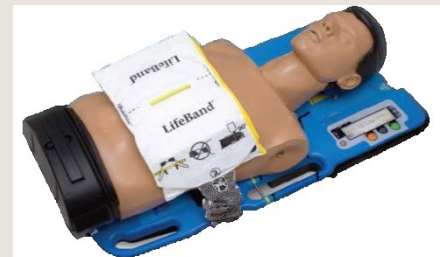
- Design to PPM standard the Harborwalk ADA ramp at the US 41 SB bridge – Awaiting FDOT agreement
- Previous communication from FDOT that Area III funding was switched to this project. Still awaiting direction from FDOT to proceed.
- Sales Tax Funds and LAP Grant
  - \$457,000



# Fire Equipment Replacement

30

- 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



# Police Fleet Purchases

31

- Fleet Purchases FY 2022
  - 6 Marked Vehicles Planned Replacement
- Specifications provided to procurement for order placement
- General Fund
  - \$318,000 Budget



# Police Annual Replacement Programs

32

- Taser Replacements
  - 8 Replacements per year
- Body Camera Program
- Car Video Camera Program
- Patrol Rifle Program
- SWAT Night Vision Program
  
- General Fund
  - \$105,000 Budget

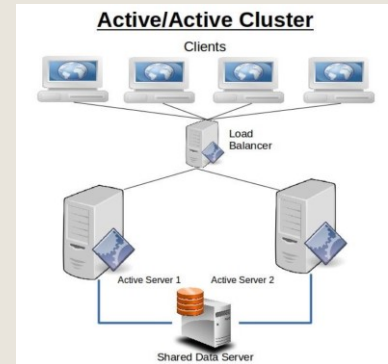




# Other Vehicle and Equipment

33

- Police – Audio Recording System for interview rooms
- Public Safety – High Availability (HA) firewalls
- Right of Way – Replace 3 ton Dump Truck
- New employee vehicles and equipment (from reserves)
- General Fund
  - \$381,000 Budget



# Marina Projects

34

- (2) 30' Dock replacements – PO issued, engineering in process
- 40' Dock needs additional infrastructure, City will be requesting change to submerged land lease
- Sidewalk replacement; Added review of pier – Solicitation for engineer has been released
- Marina Funds
  - \$185,000



# Utilities Fleet Replacement

35

- WTP: Replace vector truck with small SUV \$28,000
- WWTP: Replace All Terrain Vehicle \$16,000
- WWC: Replace 3/4 ton diesel utility body pick-up truck \$65,000
- WD: Purchase of small pick-up \$28,000 for new position, and Replace SUV with crew cab pick-up \$33,000



# Utilities Equipment

36

- WTP: Purchase of 4 portable generators for RO Wells \$30,000; Mini Excavator Track \$34,000; replace A/C unit in electrical room \$5,000; pumps, motors, and VFDs \$109,000
- WWC: Purchase of cable locator & xmitter, lights, load bank tester \$15,000
- WWTP: Pumps, motors, etc. \$122,000, Flow meter, raw sampler \$15,000, 2 Batwing mowers \$40,000, Sludge vacuum spreader \$160,000





# Annual Renewal and Replacement Projects

37

- Water System Utility Relocation Misc. Projects \$20,000
- Watermain Renewal/Replacement Projects \$100,000
- Watermain Valve Projects \$100,000
- Wastewater Gravity Sewer Replacement Projects \$150,000, plus \$287,000 from prior year
- Wastewater Lift Station Renewal/Replacement Projects \$200,000
- Wastewater Inflow Abatement – Rehabilitation Structures \$200,000
- Wastewater Force Main Renewal/Replacement Projects \$350,000, plus \$337,500 from prior year

# Small Projects and Permit & Engineering Services

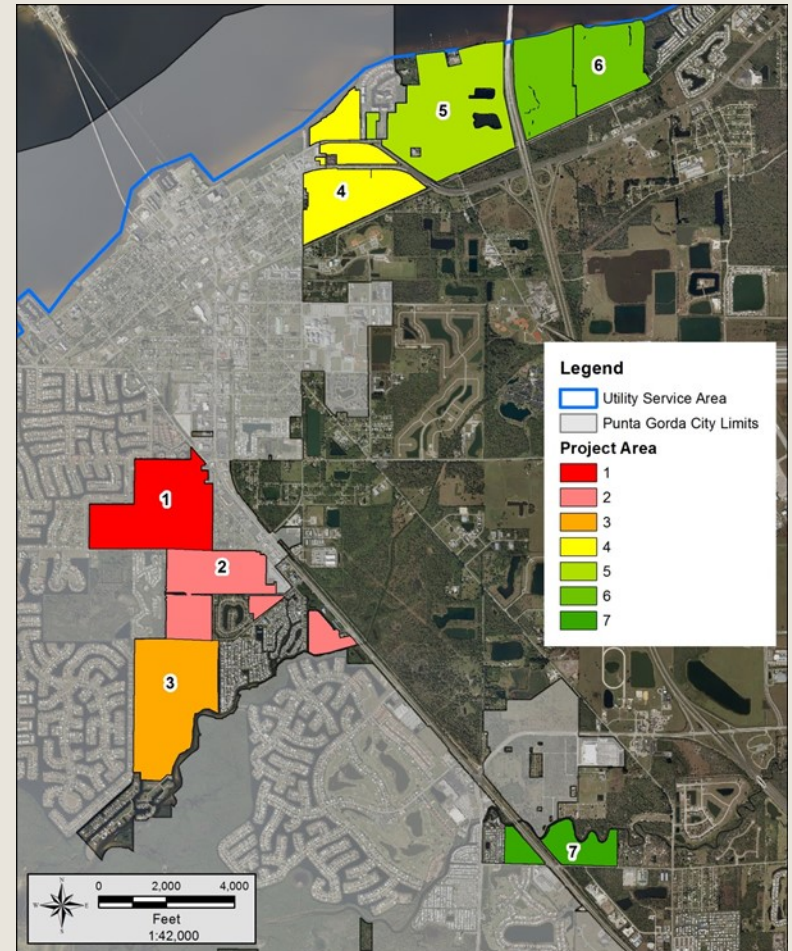
38

- Administration GIS Mapping - GIS Equipment for field workers (September 2022) - \$185,000
- Wastewater Plant Digestive Sludge Storage Unit Motor/Blower Rehab (Finalizing specifications for bid document) - \$51,000
- Wastewater Plant SCADA improvements (substantially complete) - \$129,000
- Water Plant Convault Tank replacement (complete) - \$115,000
- R.O. regulatory permitting and engineering services (Multi-year includes water use permit, deep injection well permit, water supply plan) - \$192,000

# Septic to Sewer (Area 1)

39

- Preliminary Design Report completed by consultant. Presented to City Council
- Staff looking for additional funding sources prior to moving forward with design.
- Multi-year project, requiring significant coordination with public and other agencies.
- Utility Fund, financing, estimated grants, assessments, and wastewater impact fees
  - \$14.3 million



# Wastewater Treatment Plant Sludge Press Improvements

40

- Building replacement - complete
- Press is under construction
- Utility Fund
  - \$200,000





# Wastewater Treatment Plant Tank Coating

41

- Replacement interior coating system in two tanks at the MPF in process from FY 2021
- Replacement interior coating system in two tanks at the BPF – late FY 2022
- Utility Fund
  - \$1,278,000



# Wastewater Treatment Plant Improvement/Expansion

42

- 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.
- Lease renewal complete
- 30% design complete
- RFQ for CMAR released
- Work beginning on SRF application materials
  
- Utility Fund/Wastewater Impact fees/Financing
  - \$40 million



# Wastewater Master Pump Facility Upgrade

43

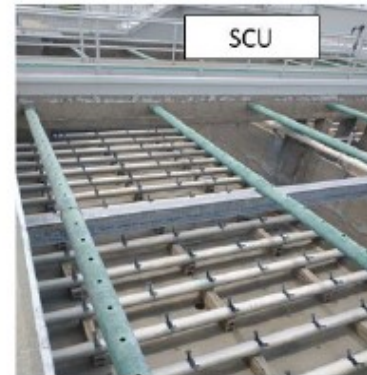
- Upgrade and replace 3 wastewater pumps, piping, and electrical VFD and motor controls
- In procurement for selecting engineer
- Utility Fund
  - \$600,000



# Water Treatment Plant Filter Rehabilitation

44

- Critical process requiring rehabilitation to restore the Granular Filter, Solid Contact Units, and Alum Tank to design standards
- Short term replacement of media with procurement to bid; RFQ process to select a design/build vendor mid year 2022.
- Utility Fund and Financing
  - \$23.1 million





# Shell Creek

## MFL Rule Evaluation and Recovery Plan

45

- Engineering services to review the proposed minimum flows and levels (MFL) for the Lower Peace River and Shell Creek and determine its impact on the City's water supply and implementation recovery strategy as determined by Southwest Florida Water Management District (SWFWMD) rule making
- MFL permit modification approved by Council; awaiting SWFWMD Board approval
- Utility Fund
  - \$164,000



# Water Treatment Plant Dewatering Sludge Press

46

- Replacement of drive rollers, steering cylinders, poly grid ware bars, chicane blades, wash water pump and drive motors at the sludge press.
- Developed specifications; Division entering requisition for procurement to bid
- Utility Fund
  - \$600,000



# Water Treatment Plant 2 MG Storage Tank Baffle Curtain Replacement

47

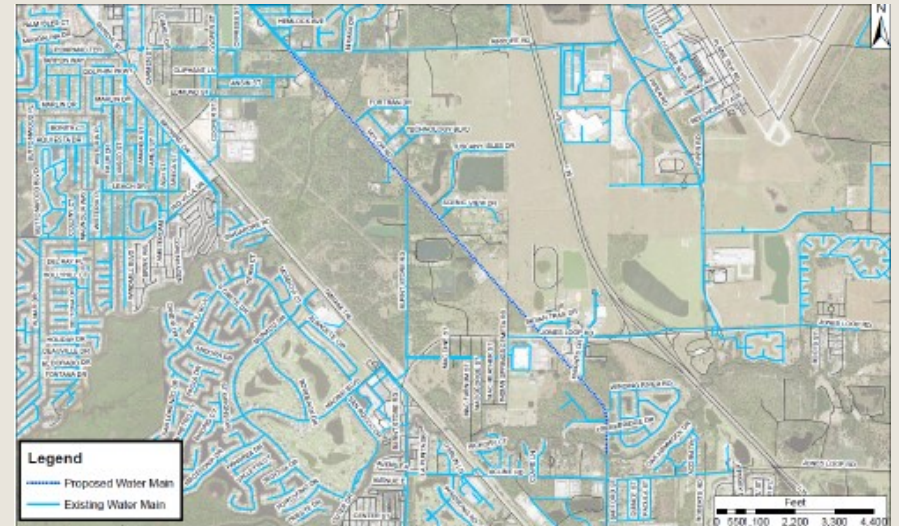
- Replace 3 baffle curtains due to deterioration and age
- To begin approximately June 2022
- Utility Fund
  - \$500,000



# Water –Taylor Rd Water Main Replacement Upgrade

48

- Replace existing 10” CI water main with new 12” water main in Taylor Road from Airport Road to Alligator Creek Bridge
- Design and engineering complete; Procurement to bid construction early 2022
- Utility Fund & Water Impact Fees
  - \$3.3 million

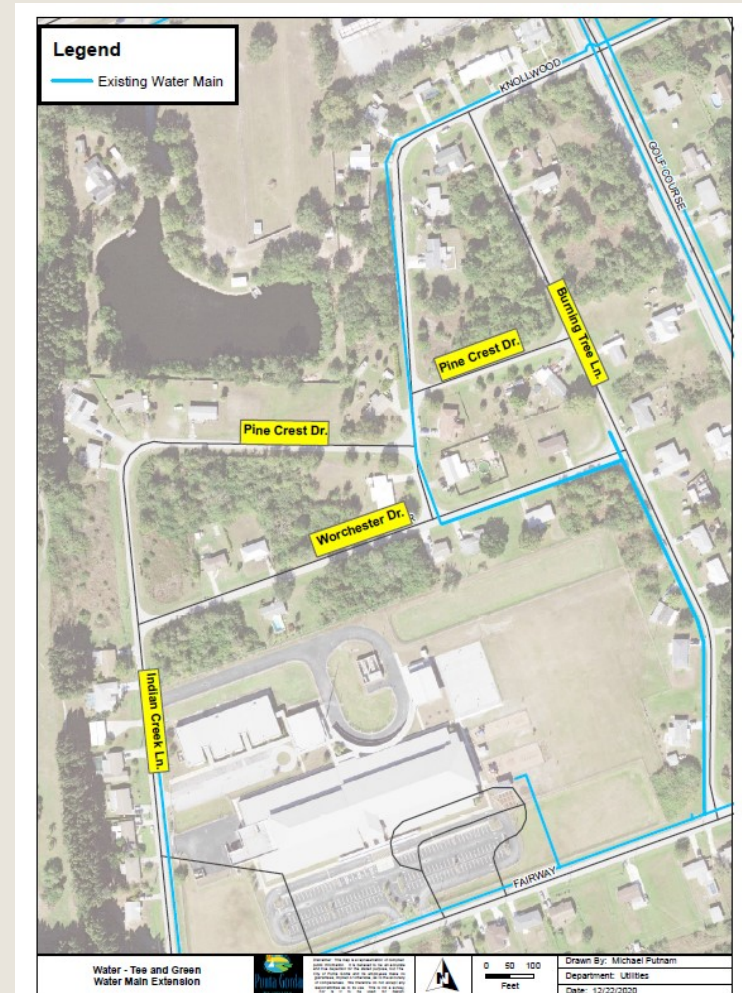




# Water – Tee and Green Water Main Extension

49

- Construct 6” water main in Tee and Green, Indian Creek Lane, Worchester Drive, and Burning Tree Lane
- Design complete; Bid for construction early in 2022
- Water Impact Fees
  - \$300,000



# Solona Water Main Replacement Upgrade

50

- Replace existing 8" CI water main in Marion Avenue from Cooper St to Florida St.
- Design and engineering delayed until FY 2023 due to current project workload; construction budget was moved to FY 2024
- Utility Fund
  - \$3.2 million



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

51

- 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
- Project delayed until FY 2023 due to current project workload
- Utility fund
  - \$2.3 million







# Riverside Drive Force Main

53

- Extend new wastewater force main along Riverside Drive to facilitate wastewater services to four existing communities using on-site wastewater treatment and disposal facilities. Project is being completed by a new development with 75% reimbursement from City.
- 30% plans received from developer
- Utility fund
  - \$1.1 million



# Information Technology Projects

54

- Annual computer/Laptop/Tablet Purchase Replacements \$93,000 (Jan 2022-Order/May 2022 Distribution)
- Monitor Replacements \$10,000
- GIS Tools & Equipment \$15,000
- VMWARE Server Replacement \$30,000
- Large E-mail Extraction Software \$6,000
- Network Switch (spare) \$5,000
- Security Camera System (initial funding) \$10,000
- Backup and Recovery Appliance (Year 2 of 3) \$46,000
  
- New Annual Subscriptions:
  - ESO Firehouse Activities Module \$5,000
  - Internal Affairs Tracking Software \$9,000
  - Accreditation Software \$6,000
  - Virtual Server Management Software \$8,000

# Hurricane Irma – Hazard Mitigation Rip Rap

55

- Seawall replacements complete
- Contracted consultant to obtain required permitting for Rip Rap; consultant is working with Army Corp of engineers on the permit application which will then be sent to NOAA National Marine Fisheries Service for review
- FEMA/State grants and PGI and BSI Canal Maintenance Assessments
  - \$8.2 Million



# PGI Spoil Site Channel

56

- Dredge a channel from Ponce de Leon Inlet through the shallow basin directly to the spoil site
- Project delayed pending other priority permitting applications
- PGI Canal Maintenance Assessments
  - \$126,000 for permitting process
  - \$775,000 for permitting, mitigation and construction in future years





# BSI Inlet Widening/ Removal of Southside Lock Infrastructure

57

- Remove south side of the lock infrastructure to allow a fully assembled barge to access subdivision at all times of the year
- Design and permitting completed; Procurement preparing solicitation for construction
- BSI Canal Maintenance Assessments
  - \$580,000

