

Utilities Department Quarterly Projects Update

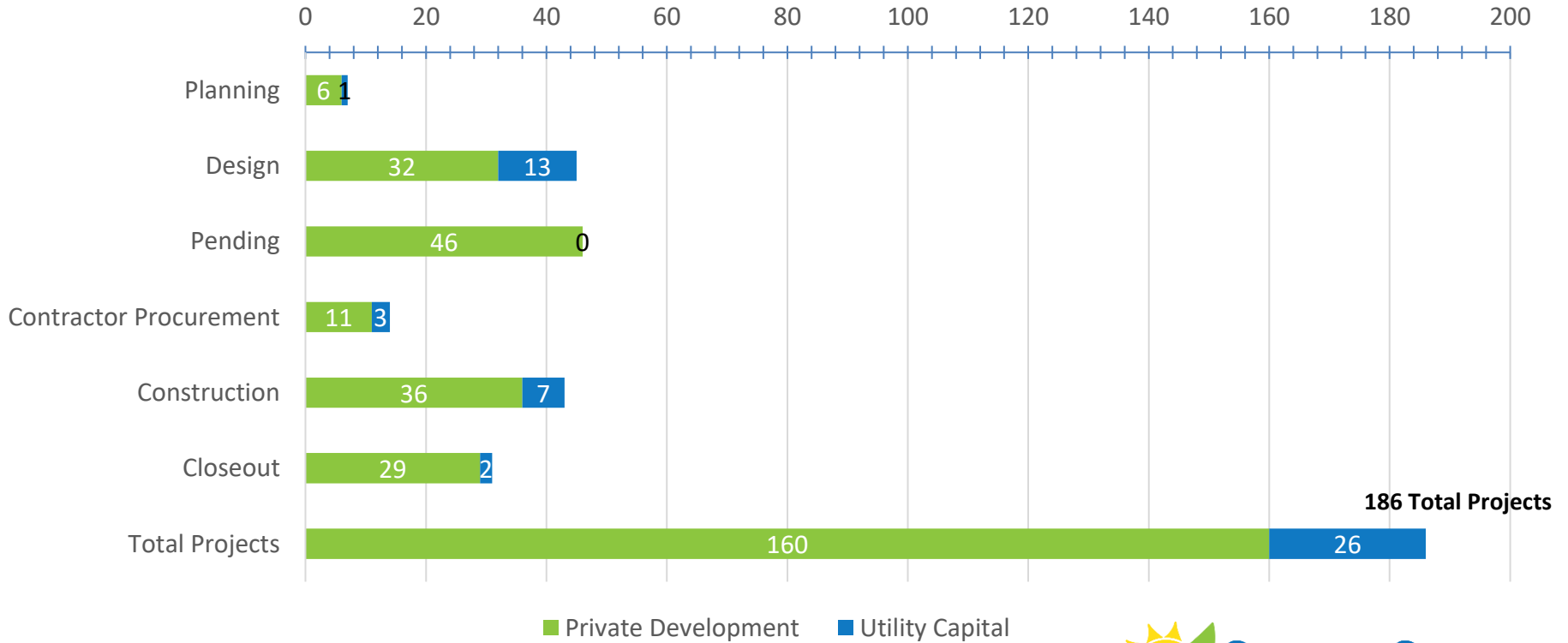


July 18, 2023



CHARLOTTE COUNTY
FLORIDA

Engineering Projects



East Port Expansion

- Project Stage: Design
- Increase capacity 6 to 9 MGD
- Original Plant Expansion Design
 - Completed
- Advanced Wastewater Treatment Design (AWT) Approved and Commenced
 - Design Complete
 - SRF Funding Loan Application Approved
- Project scheduled to bid in summer 2023
- Construction scheduled fall 2023 through 2025



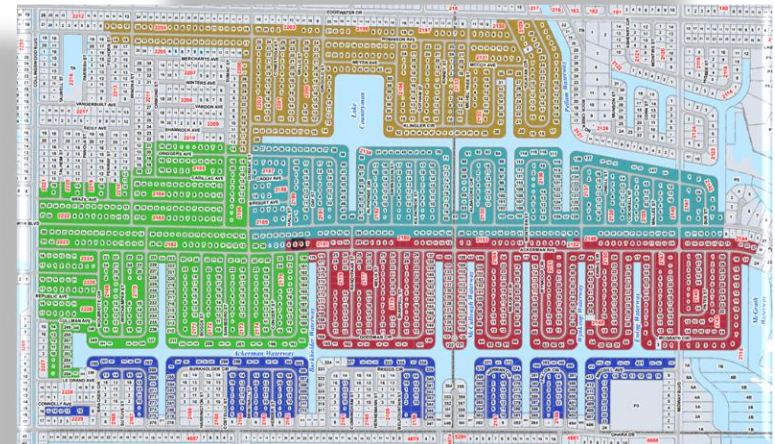
Burnt Store Replacement

- Project Stage: Design
- Increase capacity .5 to 2.5 MGD
- Original Plant Expansion Design
 - Completed
- AWT Design Approved and Commenced
 - Completed
- Funding for project – Finalize and obtain
- Project scheduled to bid in late 2023
- Construction scheduled early 2024 through 2026



Ackerman - Water Quality Improvement

- Project Stage: Construction
- Sewer/Water
 - Design: Zones 1-4, LPS Zone, Booster and Lift Station
 - 100% complete
- Construction – Guymann Construction
- Zones 1, 2 & Vacuum Station
 - Vacuum Station operational
 - Zone 1 – Water complete, vacuum sewer complete
 - Zone 2 – Water complete, vacuum sewer started
 - Zones 1 & 2 – Connections started June 2023
 - Construction completion expected fall 2023
- Zones 3, 4 & LPS
 - Design complete
 - Processing EPA Grant Approval
 - Scheduled to bid in winter 2024
 - Estimated construction completion in mid 2027



Lakeview/Midway - Water Quality Improvement

- Project Stage: Preliminary Planning
- Sewer/Water
 - Design: North Area – 1,545 Occupied Lots
 - Design: South Area – 704 Occupied Lots
- Construction
 - Estimated start 2025
 - Estimated completion 2028



Cape Haze - Water Quality Improvement

- Project Stage: CIP Approved
 - Design Engineer Selected
 - Giffels-Webster Engineers, Inc.
- Sewer/Water Design
 - Approximately 300 units
- Public Works Paving Program
 - Estimated start spring/summer 2025



SR 776 Force Main Replacement (Biscayne to Sports Park)

- Project Stage: Construction
 - Replacement of 6" PVC with 12" & 16" PVC
 - In-Kind Project for FDEP Consent Order
- Contractor: Stevens & Layton, Inc.
- Project Schedule
 - Construction started – 95% complete
 - Directional drills completed
 - Estimated completion fall 2023
 - Clean-up, restoration and final connections



Master Plans & Reports

- Potable Water Master Plan
 - Complete – On County website
- Reclaimed Water Master Plan
 - Completed Final Report – Under Review
- Sewer Master Plan Update
 - Wastewater System Evaluation
 - Improvements needed to meet future growth
 - Corrosion and Odor Control Included
 - Team of Jones Edmunds, HDR & Giffels-Webster Engineers, Inc.
 - Expected completion late 2024





Upcoming Major Projects



West Port Expansion

- Project Stage: Planning
- Increase capacity 1.2 to 3-5 MGD
- AWT Design included
- Consultant selected
 - HDR – Jones Edmunds Team
- Planning documents schedule
 - May 2023 to May 2024
- Estimated construction schedule
 - 2025 through 2027



South County Upgrades

- Utility System Planning
- Consultant selection in Process
 - Selected Weston & Sampson Engineering
- Install Master Lift Station
 - Need identified through System Modeling
- Install Potable Water Booster Station
 - Need identified through System Modeling
- Install Elevated Potable Water Storage Tank
 - Located near Tuckers Grade & I-75
 - Need identified through Water Master Plan
- Estimated construction schedule
 - 2024 through 2026



R&R Projects in Design

- Walenda Booster Station Upgrades – HDR
- Rotonda Booster Station Upgrades – HDR
- Gulf Cove Booster Station Upgrades – HDR
 - Pending approval
- Lift Station 323 Replacement – McKim & Creed
- Lift Station 813 Replacement – McKim & Creed
- Loveland Blvd. Reclaim Main Installation – Internal
- Green Dolphin Subaqueous Water Main Installation – Permitting – Internal

R&R Projects in Planning

- Water Main Interconnect with Punta Gorda to South County

The following projects had been surveyed:

- Gardner Drive (North of Edgewater) Utility Replacement
- Conway Blvd. (South of Hwy. 41) Utility Replacement
- Cousley Drive Sewer Force Main Replacement
- Beacon Drive Sewer Force Main Replacement
- Starlight Lane Water Main Replacement
- Chamberlain Master Lift Station Installation

A large, stylized graphic in the background features a yellow sun with rays on the left, a light green leaf on the right, and a light blue curved shape at the bottom, all overlapping. The word "Questions?" is centered over this graphic in a blue, sans-serif font.

Questions?



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