

Utility Systems

Capital Improvement Project
Bond Issue

2021



Utility History

1994 to present



1994

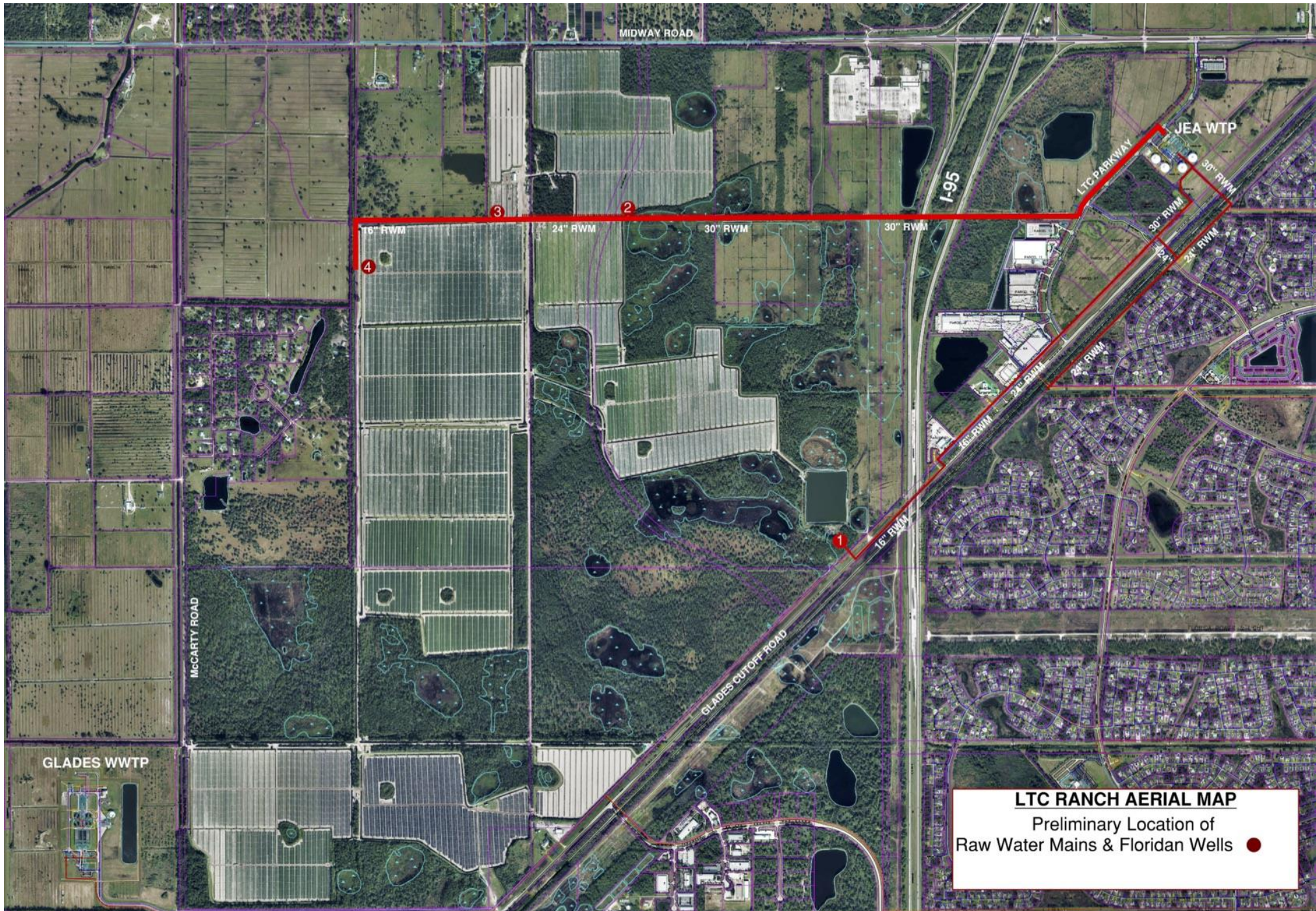
- 1 water treatment plant, rated at 6.0 MGD
- 4 water storage tanks, 4.4 million gallons
- 363 miles of water lines
- 3 wastewater treatment facilities, rated at 3.45 MGD

- From 1994 to 2006, we went for a series of 9 bonds to build out treatment facilities and infrastructure.
- From 2006 to 2018 we went through a series of 7 refunding revenue bonds.

2021

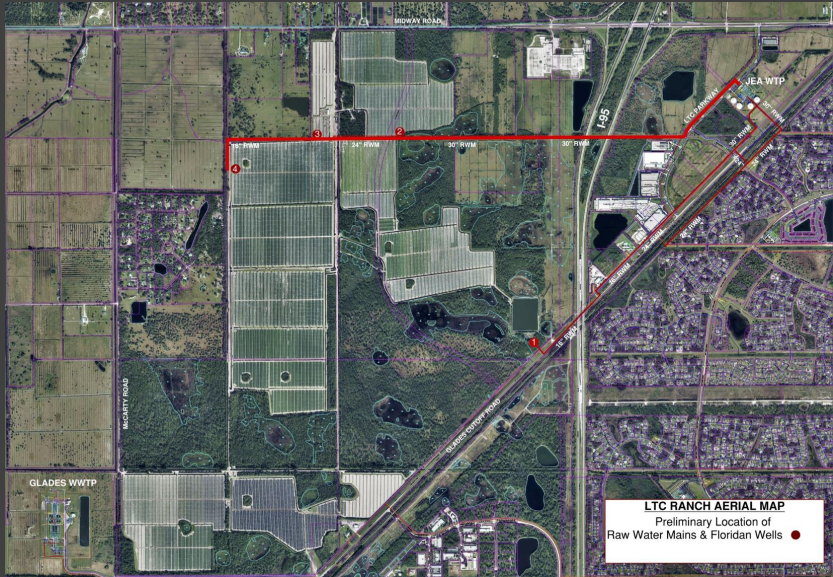
- 3 water treatment plants, rated at 41.65 MGD
- 10 water storage tanks, 26 million gallons
- 1,246 miles of water lines
- 2 wastewater treatment facilities, rated at 18.0 MGD

- **No bonds to expand infrastructure have been issued since 2006.**



LTC RANCH AERIAL MAP
Preliminary Location of
Raw Water Mains & Floridan Wells ●

2 Western Floridian Wells for JEA RO Plant



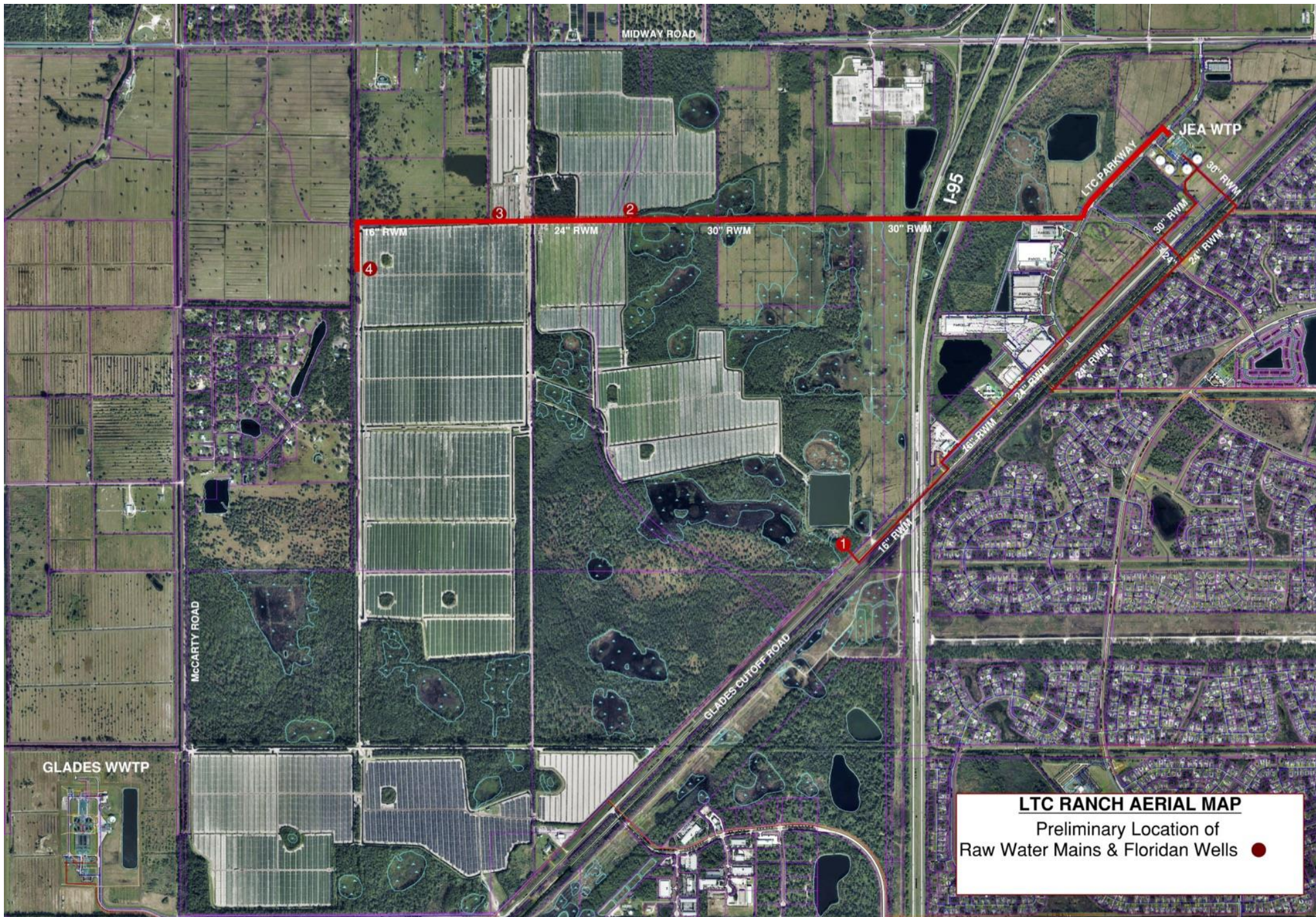
4,400,000 (2 of 4 wells)



The USD is seeking bond funding construct 2 of these 4 new proposed wells to a depth of 1,300'.

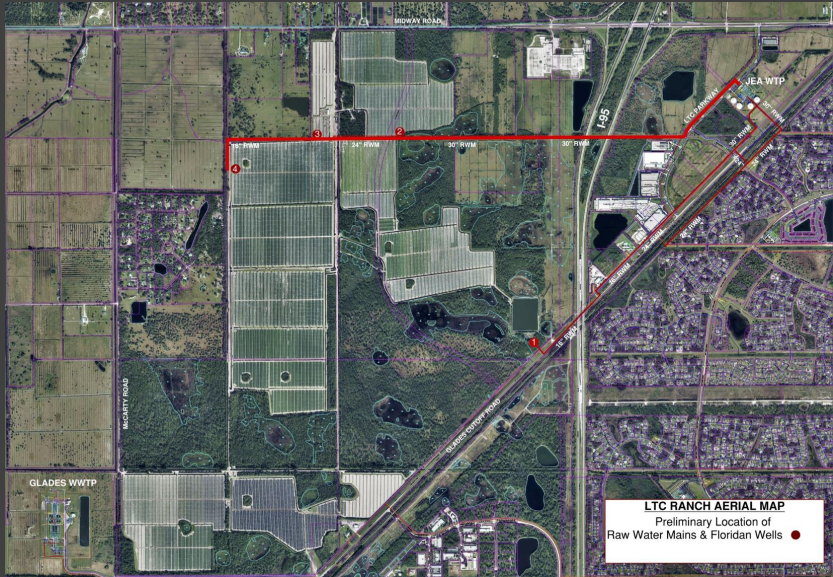


Four additional wells positioned west of the existing Floridian wellfield are recommended by SFWMD to address rising salinity levels in the existing wells and maintain current rated capacity of JEA Plant.



LTC RANCH AERIAL MAP
Preliminary Location of
Raw Water Mains & Floridan Wells ●

Western Raw Water Main Phase 2



5,450,000



This raw water main will connect the 3 of the 4 new wells to the James E. Anderson (JEA) Reverse Osmosis water plant in order to maintain permitted capacity at the JEA water plant.



A new Western raw water main is required to support the new wells west of I95.

PRINEVILLE WATER TREATMENT PLANT 2.5 MGD DEEP INJECTION WELL



Prineville Deep Injection Well #2

PRINEVILLE WATER TREATMENT PLANT
2.5 MGD DEEP INJECTION WELL



3,000,000 (portion of total cost)



A Deep Injection Well (DIW) is used to properly dispose of the 20% concentrate byproduct of the Reverse Osmosis Process. This well will be drilled into the Boulder Zone at 3,200'.



A backup DIW is required to dispose of concentrate in the event the current injection well becomes problematic or requires maintenance.



Project Location

Floresta Phase 3: Crosstown to Prima Vista



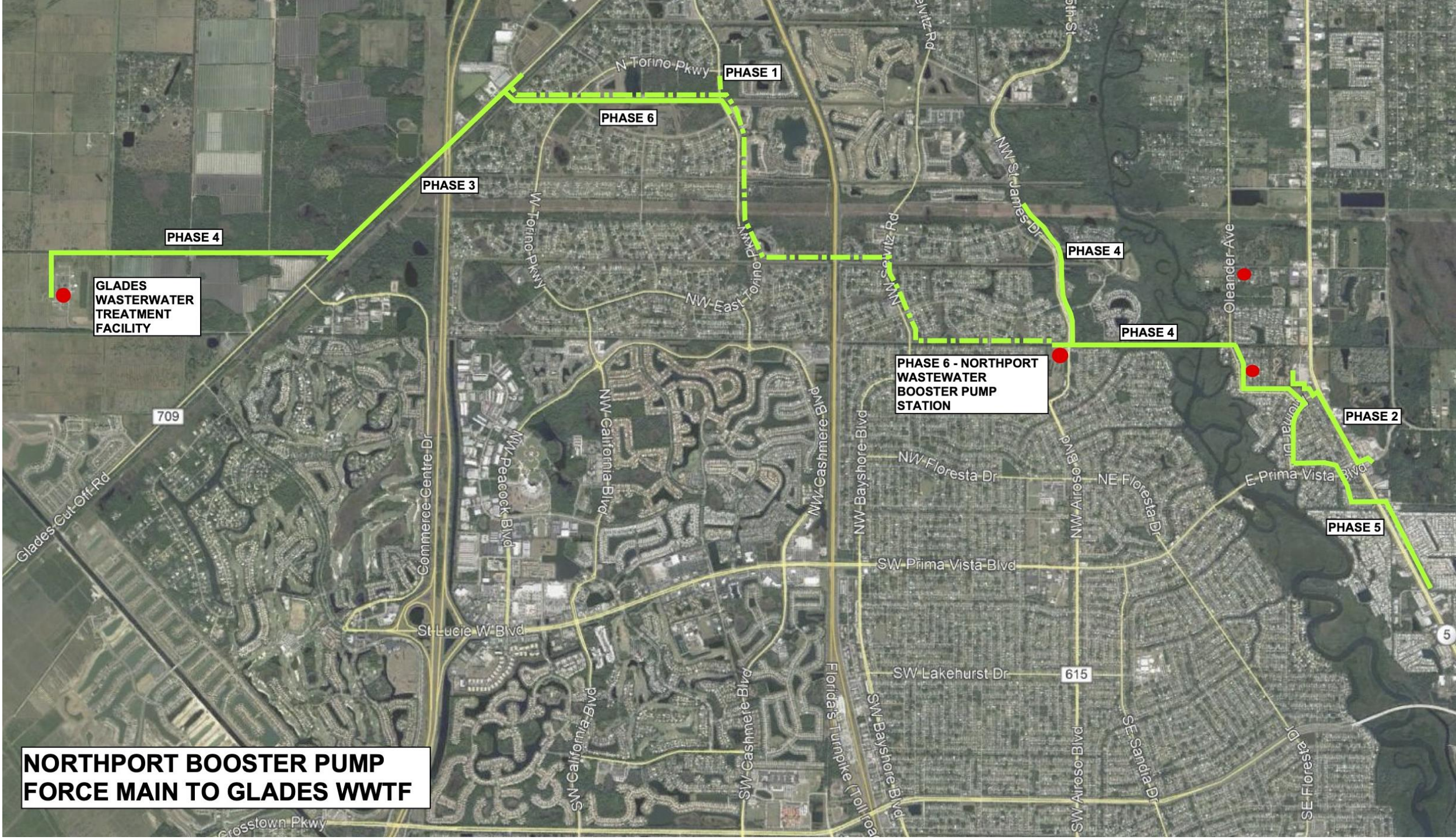
2,000,000



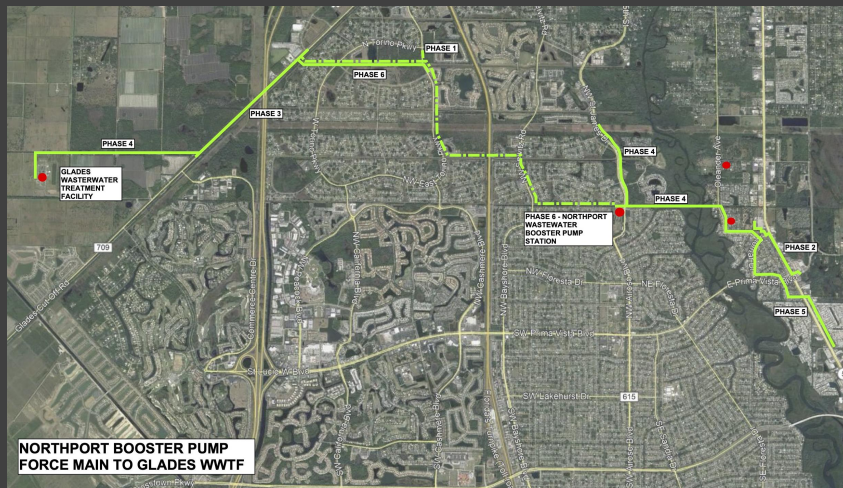
Floresta project consists of improvements to the existing 2-lane roadway to include bike lanes, sidewalks, landscaping, and streetlights, and the utility lines must be moved outside of the roadway.



The utility lines that must be relocated are vital to our system and are needed to maintain our potable water availability/capacity.



Northport Booster Force Main to Glades WWTP Upgrades (phases 1-6)



15,673,100



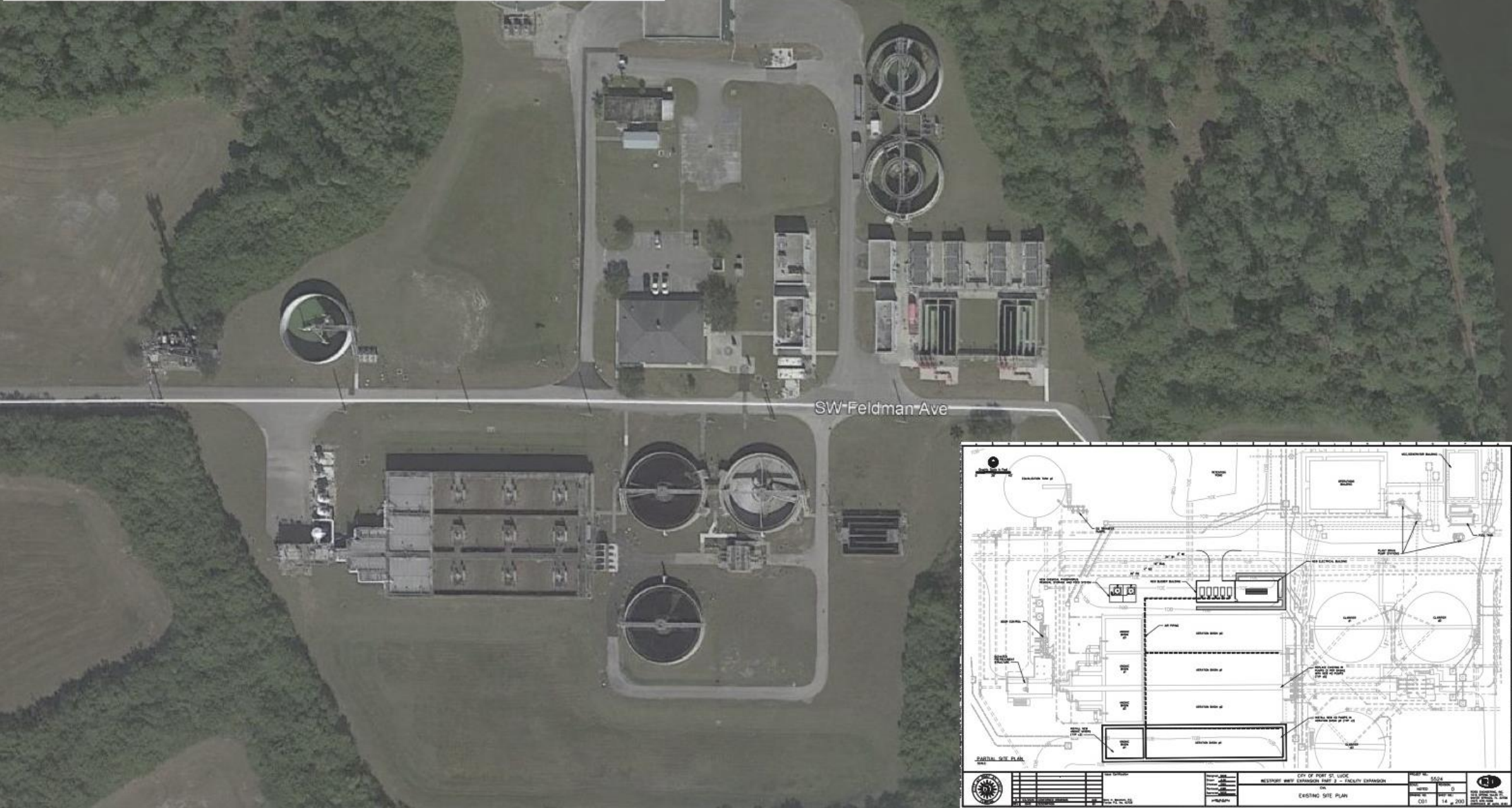
Consisting of 6 phases. Phase 1 is complete and phase 2 is under design.

This project is for construction of phases 3 thru 6.



The upgrades are needed to accommodate new customer growth in the Northport area and future growth east of US1, including commercial sites. This will also provide an alternative sewage disposal line for customers east of the River.

WESTPORT WASTEWATER TREATMENT FACILITY - UPGRADES



Upgrade Westport Wastewater Treatment Plant



3,000,000 (portion of projected total cost of \$10.5 million)



Mandated nutrient removal requirements from the State require improvements that include a new aeration design and new tankage.



The treatment facility will remain at 6.0 mgd capacity and meet new requirements and stay in compliance with SFWMD and FDEP.

Existing Reuse Main

Glades Cut Off Rd

VERANO SOUTH
2,584 AC

VERANO NORTH
473 AC

Cana

Range Line Rd

WESTERN
GROVE
1,734 AC

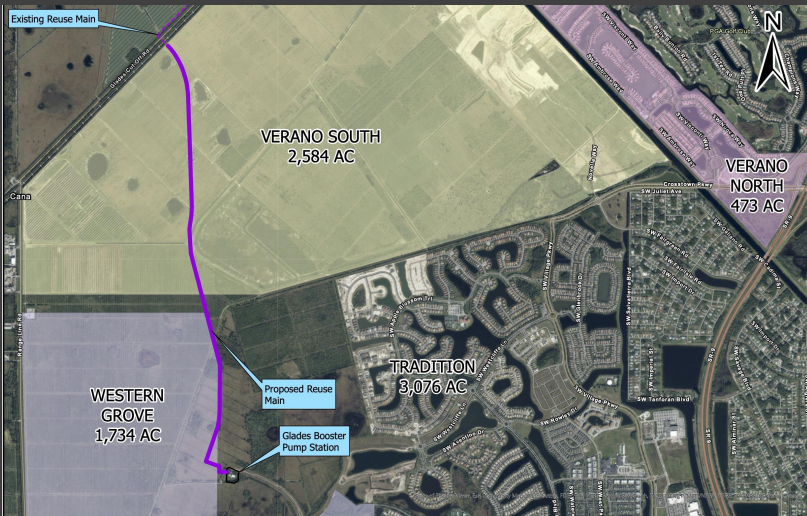
Proposed Reuse Main

Glades Booster Pump Station

TRADITION
3,076 AC



Tradition Reuse Line Extension 1 mile south of C-24 Canal to Glades Booster



3,100,000

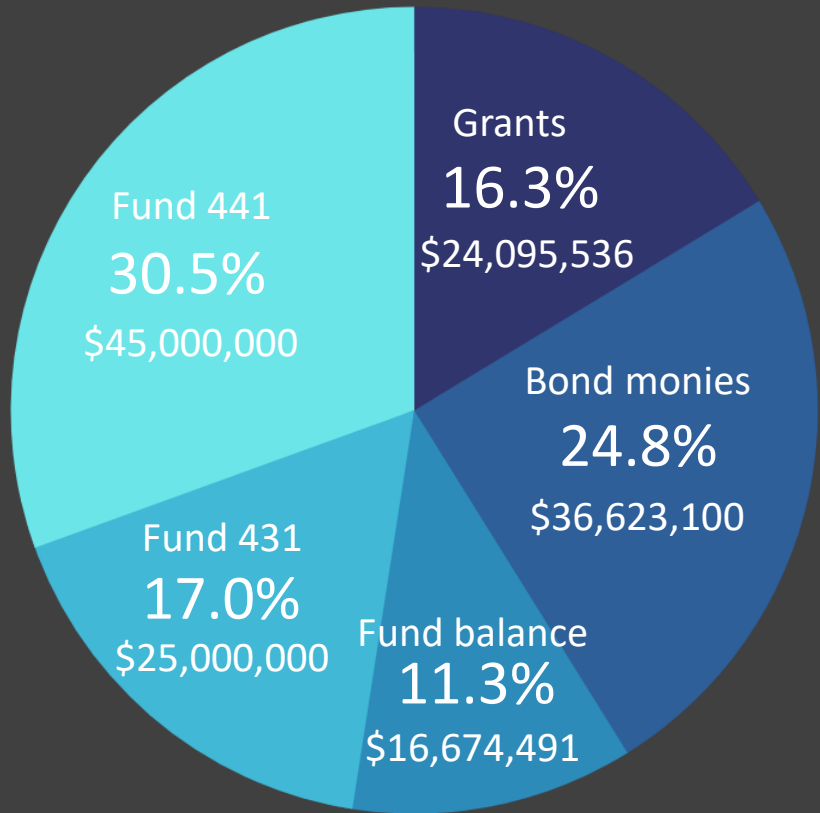


This project currently under design, would extend an existing line one mile SW of the C24 canal to the Glades Wastewater Booster Pumping Station.



This line will allow additional future customers to acquire reuse quality water in the Western Grove area and the ability to expand in areas surrounding Tradition.

Utility Bonding 2021/2022



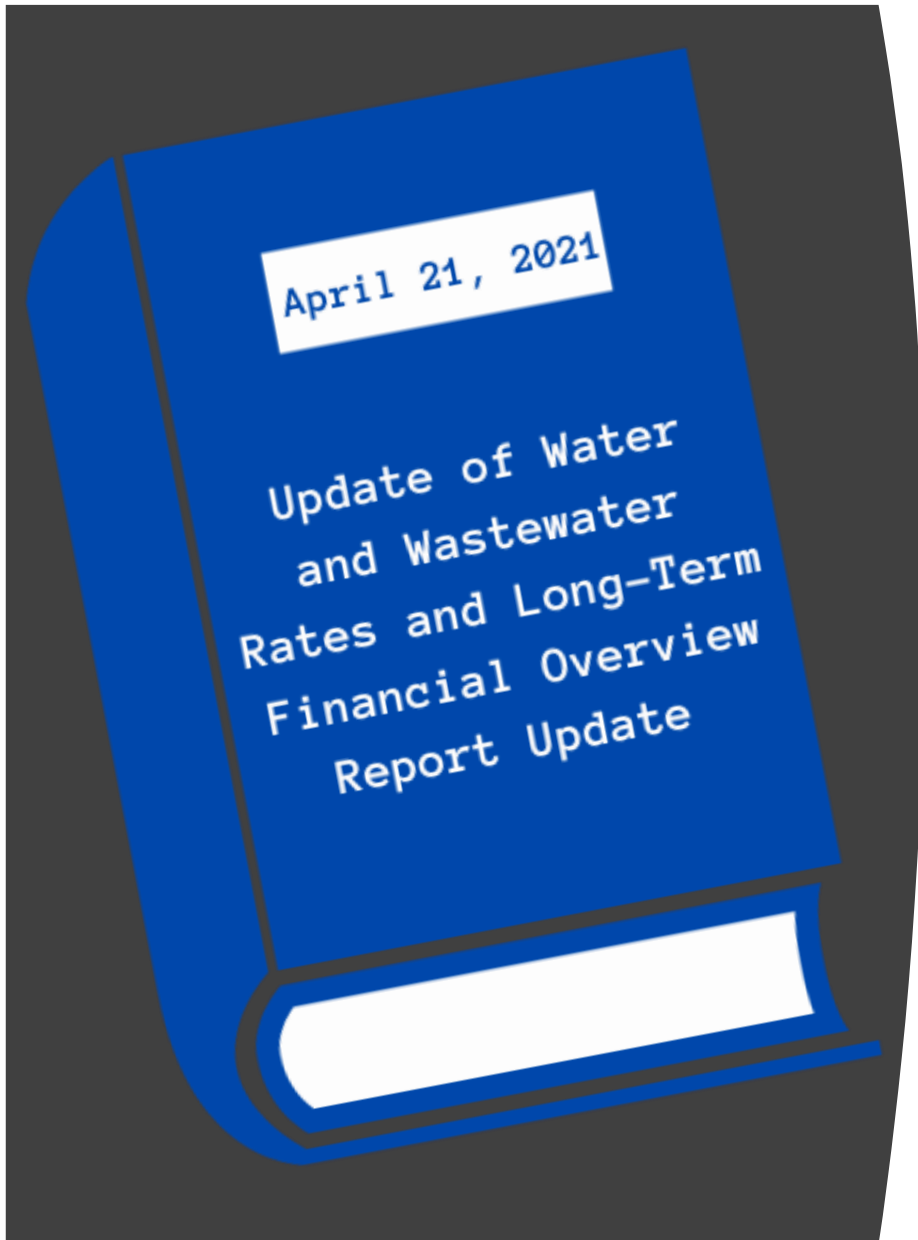
147,393,127.00



Only 24.8% of the total CIP cost is covered by the Bond Issue



Bonding is necessary to keep our funds in balance per the Utility's Rate Consultant



Utility Rate Consultant recommending 1.5% rate increase for 2021/2022 to 2024/2025



Debt coverage is stable



Recommended fund balances are maintained

Questions or
Comments?

