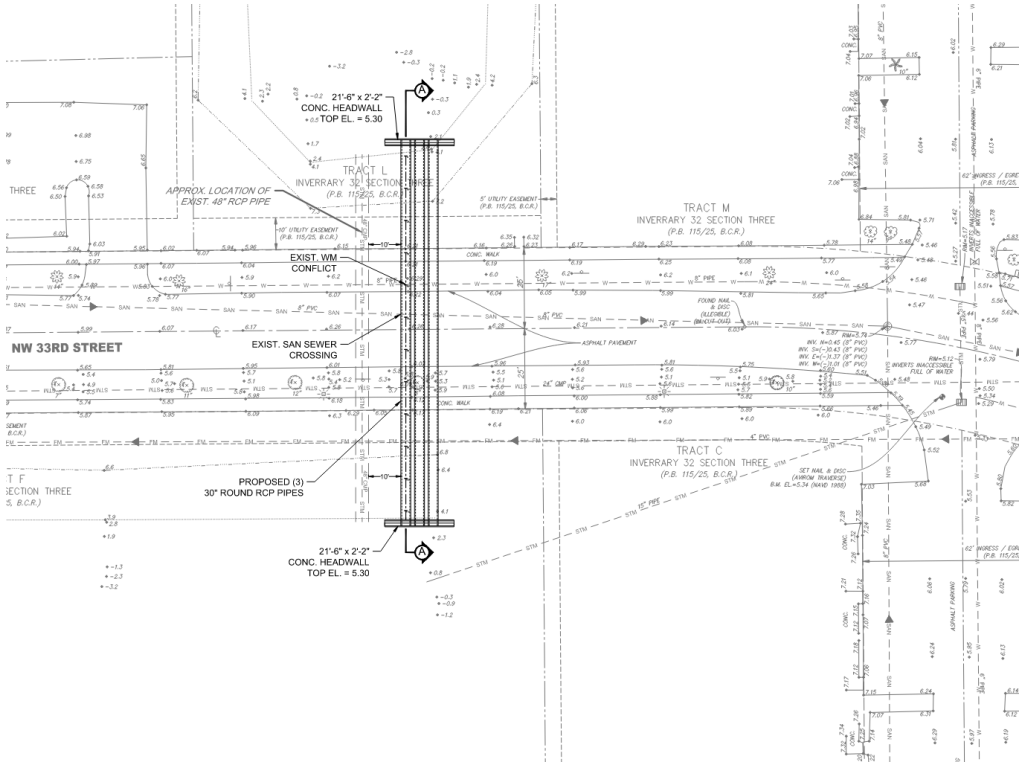
COMMISSION RETREAT

Engineering Department

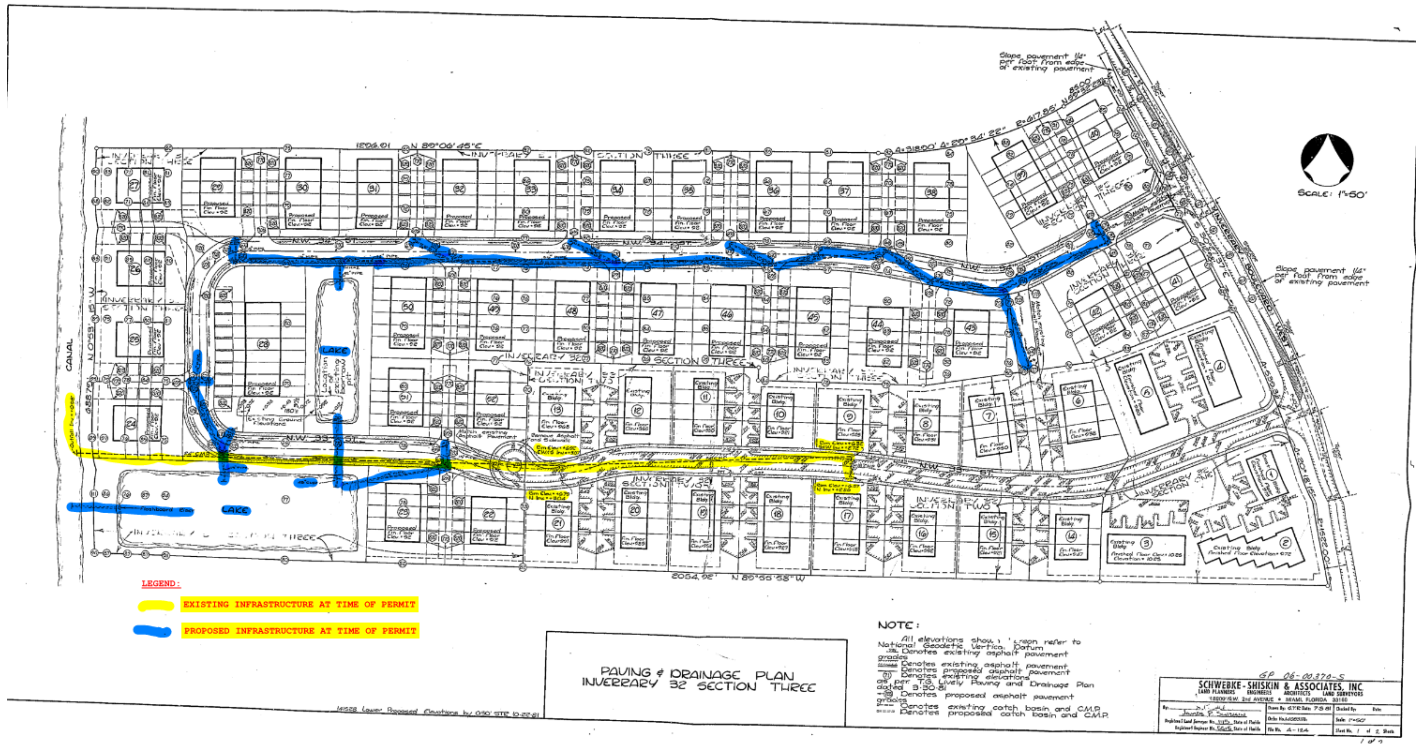
Project(s) in Design

- Maple Run Drainage Improvements
- Proposed



Maple Run Improvements

- Existing

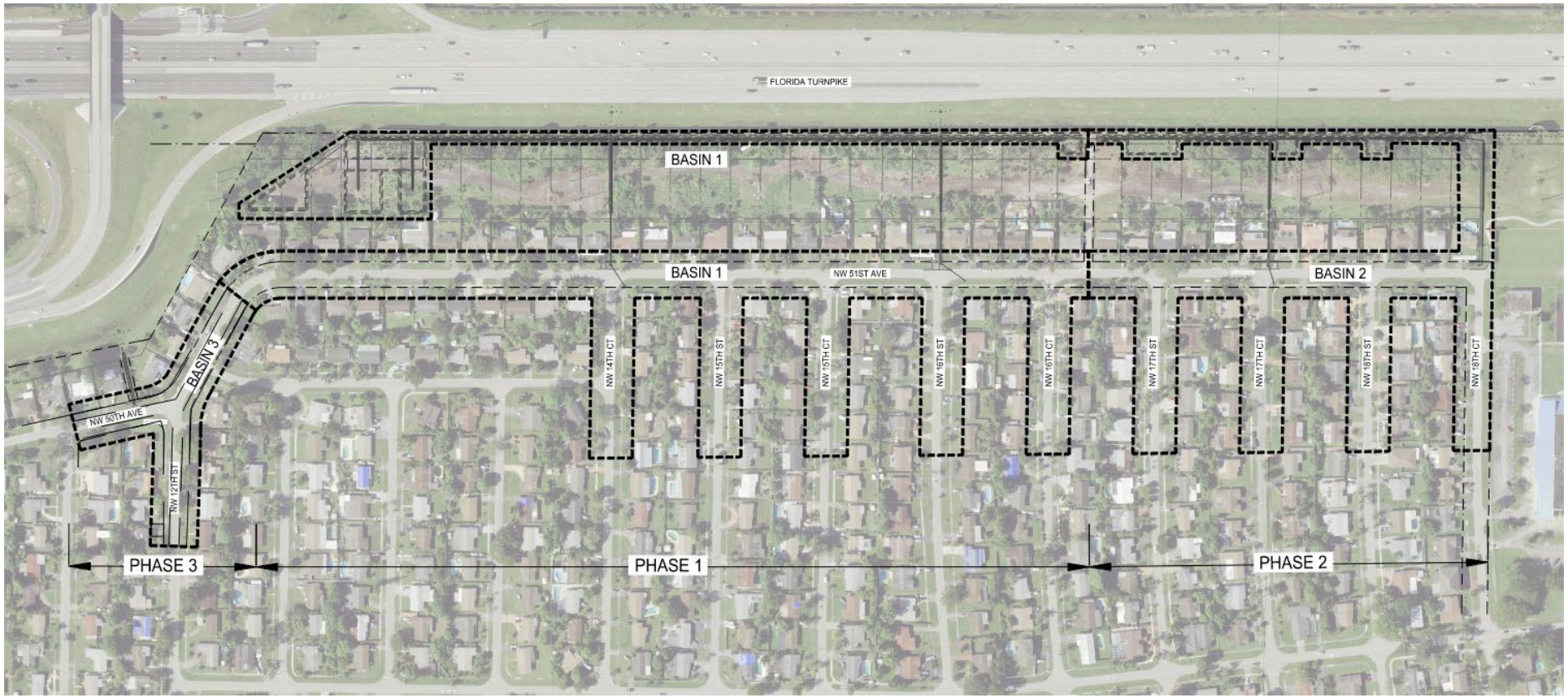


Maple Run Drainage Improvements

- Conceptual

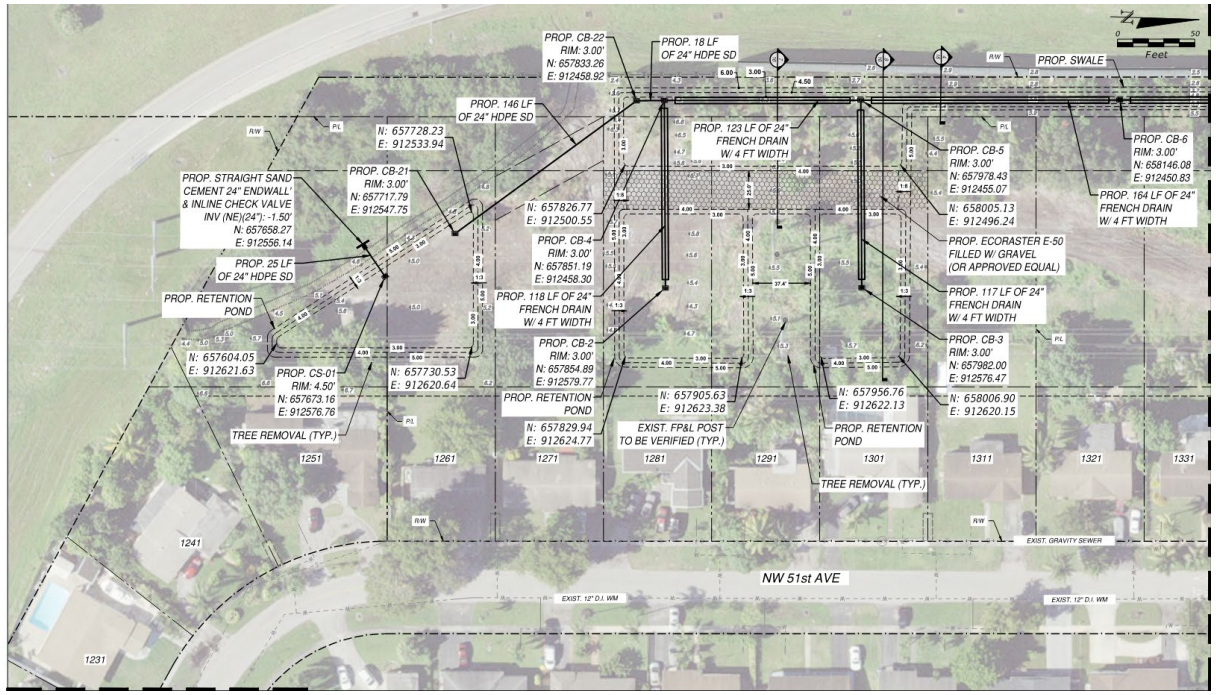
Upcoming Project(s)

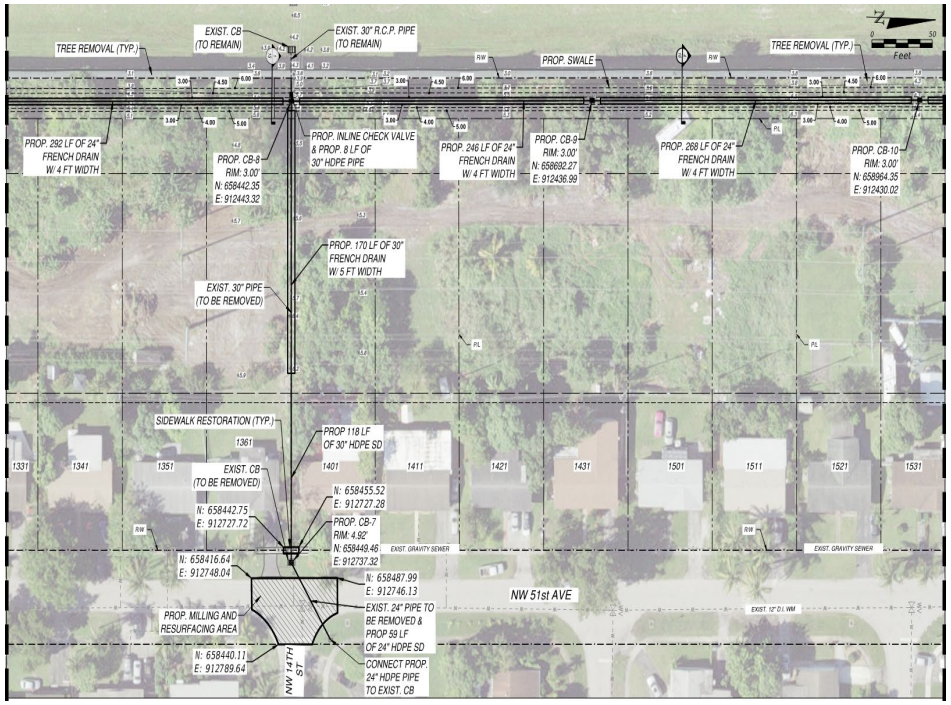
- Drainage Improvements – East of Turnpike
  - Bids Received



Drainage Improvements – East of Turnpike

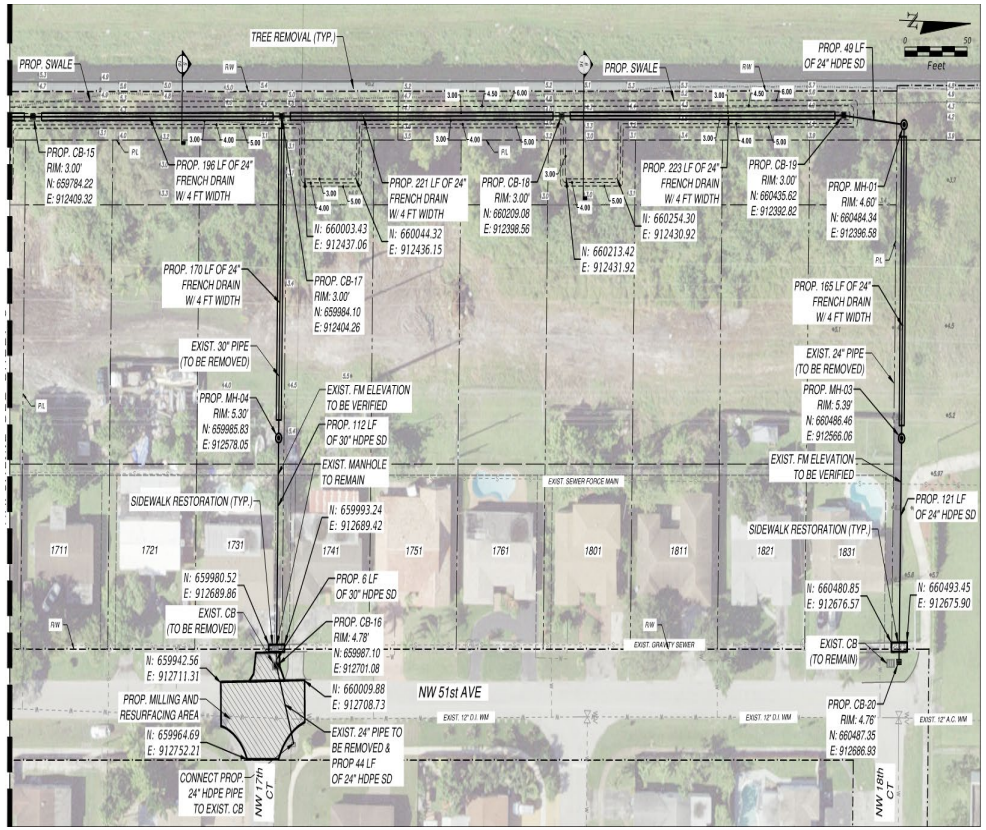
- Phase I

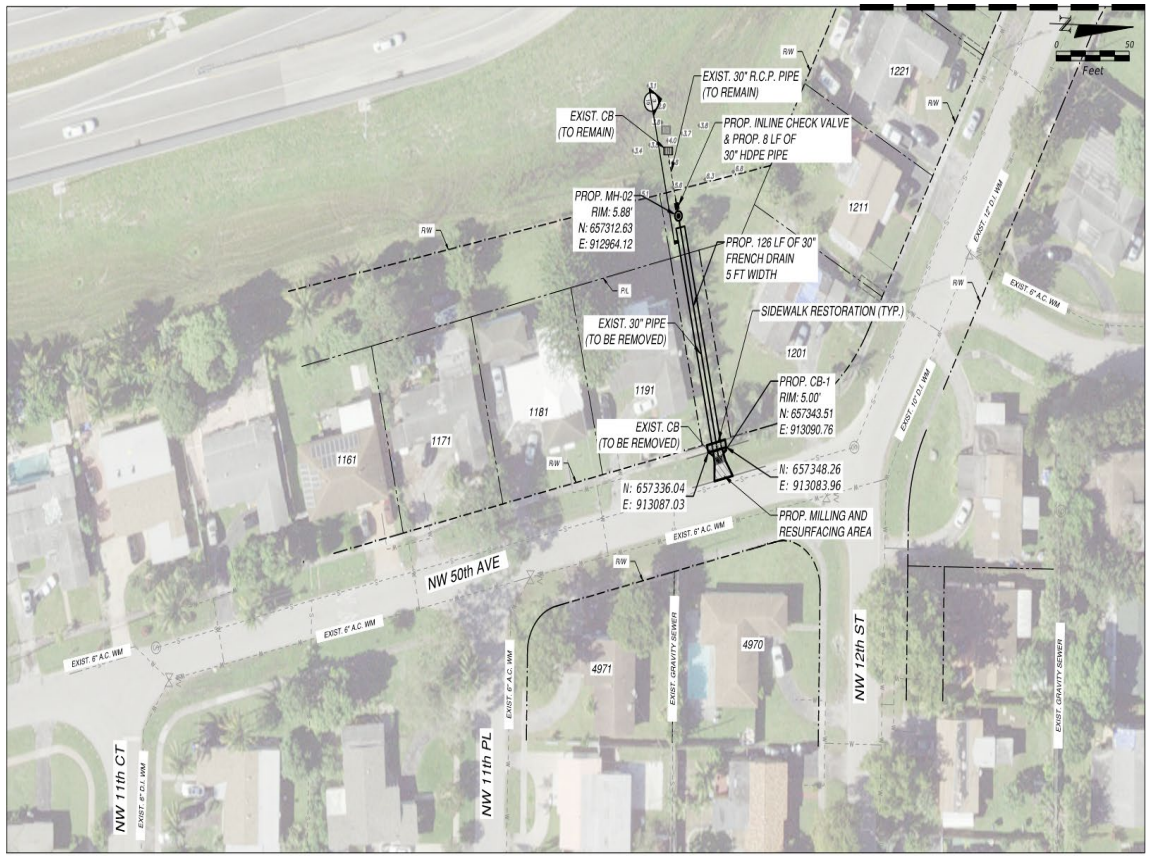




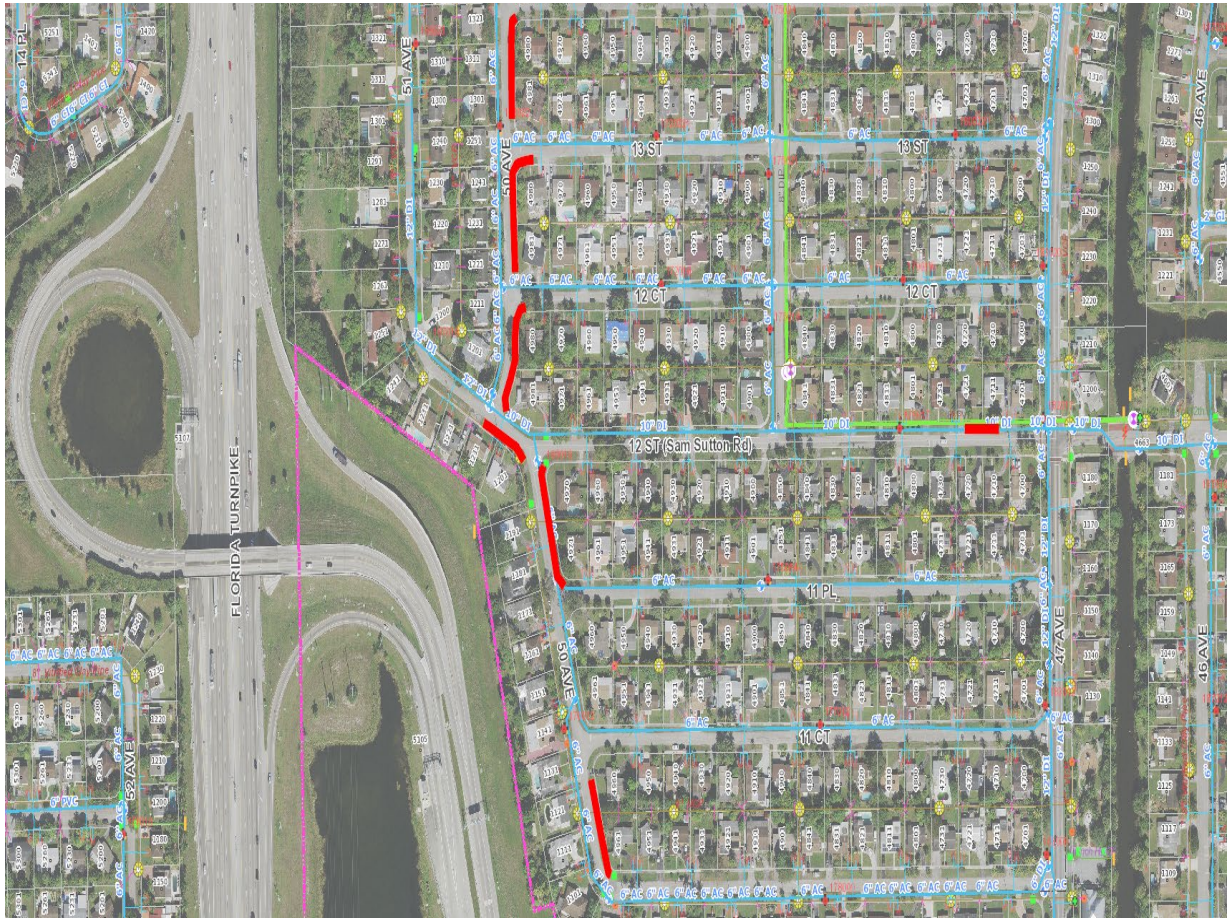
Drainage Improvements – East of Turnpike

- Phase II & III



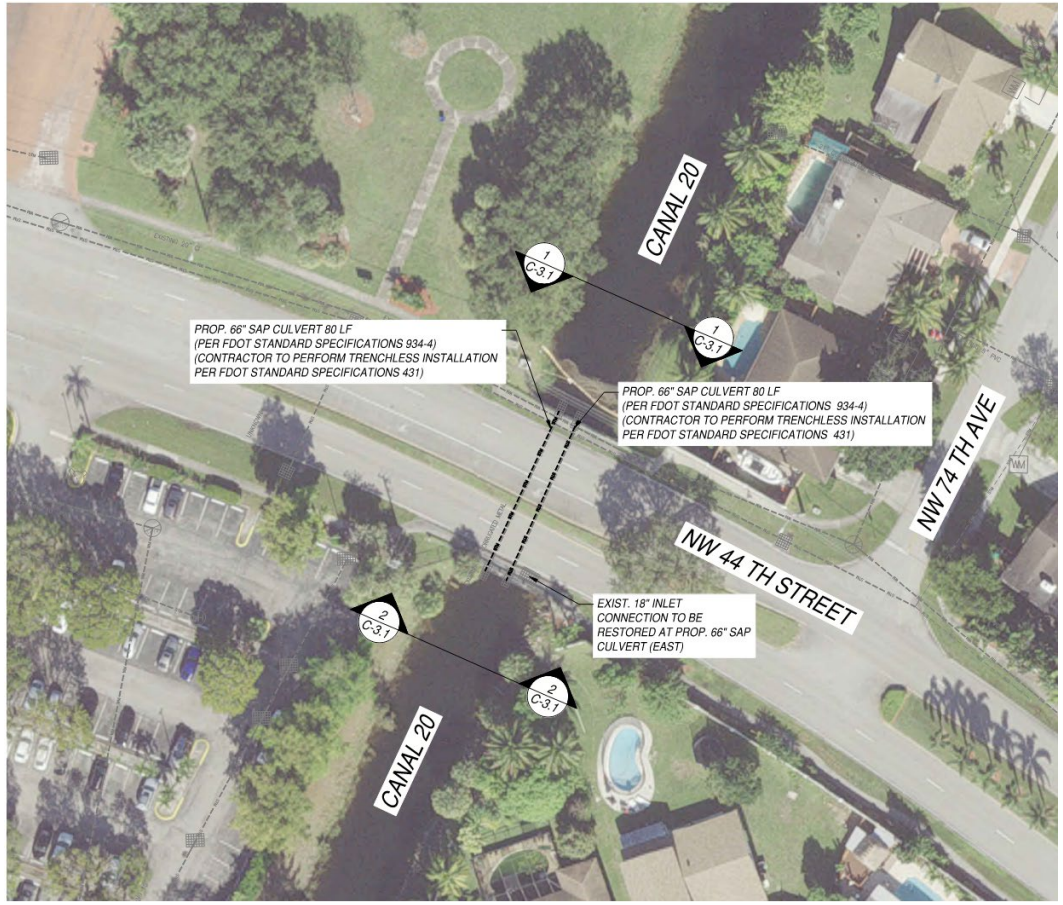


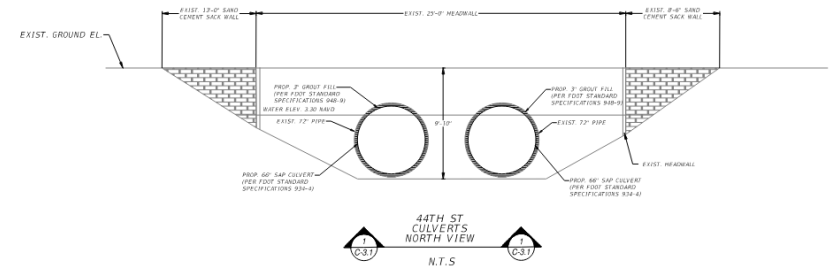
Swale Reconfiguration (On Going)

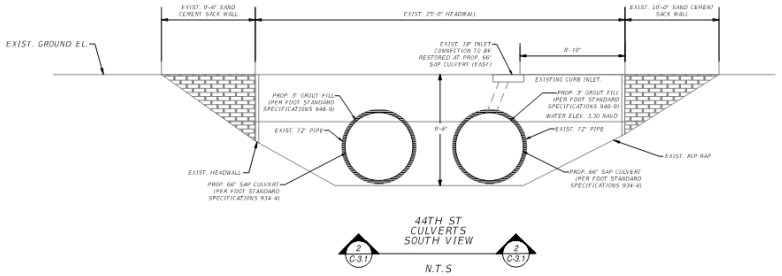


Culvert Lining

- NW 44 ST







NOTES:

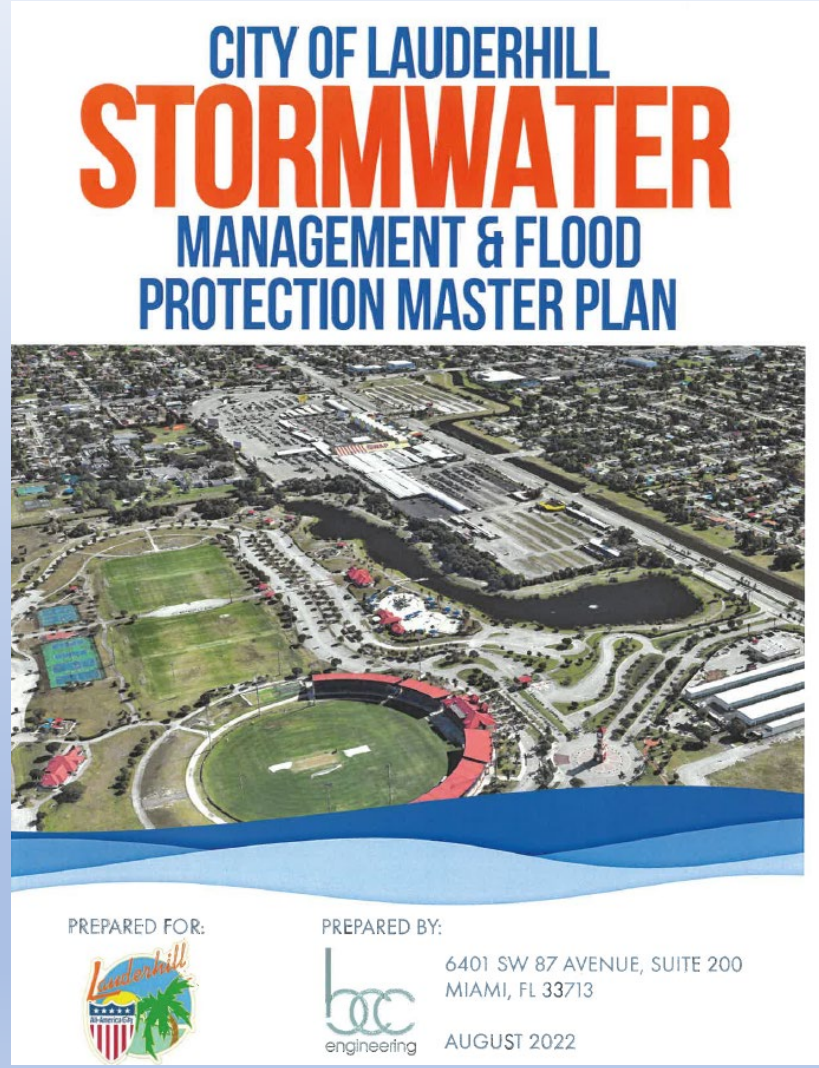
1. DIMENSIONS BASED ON EXISTING CONDITIONS AS MEASURED BY ALEX VAZQUEZ, P.E. AND JEAN RODRIGUEZ, E.I. ON A SITE VISIT ON FEBRUARY 7TH, 2023.
2. CONTRACTOR TO REMOVE ALL DEBRIS AND MUST HYDRAULIC DREDGE ANY SEDEMENTS WITHIN PIPE

Sunshine811
Call 811 or visit sunshine811.com two full business days before digging to have buried facilities located and marked.
Check positive response codes before you dig!

COMMISSION RETREAT

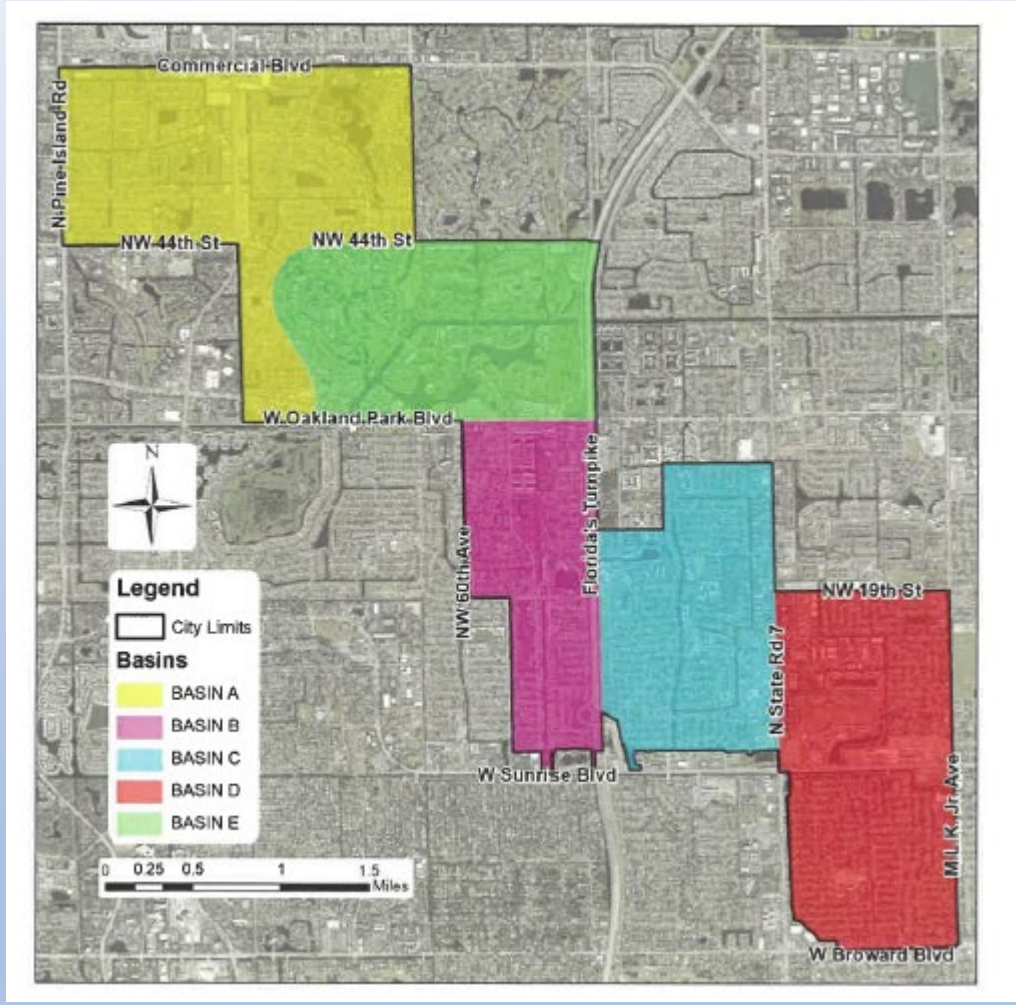
Public Works
Storm Water Operations and Maintenance

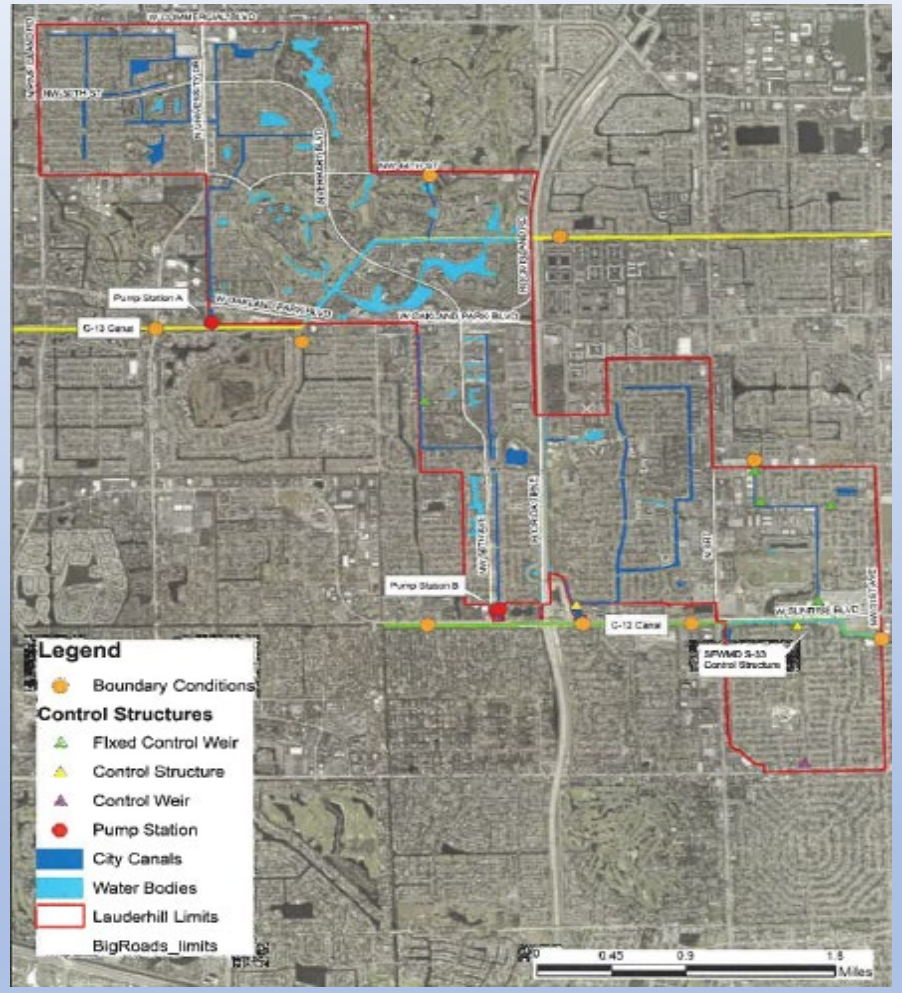
Stormwater Management and Flood Protection Master Plan



Stormwater is runoff that occurs when rain flows over land or impervious surfaces, such as parking lots, driveways, and rooftops. Stormwater can contain pollutants like trash and motor oil, and is often considered a nuisance.

Drainage Basins (5) Citywide





Pump Stations and Control Structures

Pump Station B - Gateway Park

Pump Station A - Sports Park

Lake A manual Control Gate

St. George manual Control gate

Swap Shop manual Control gate

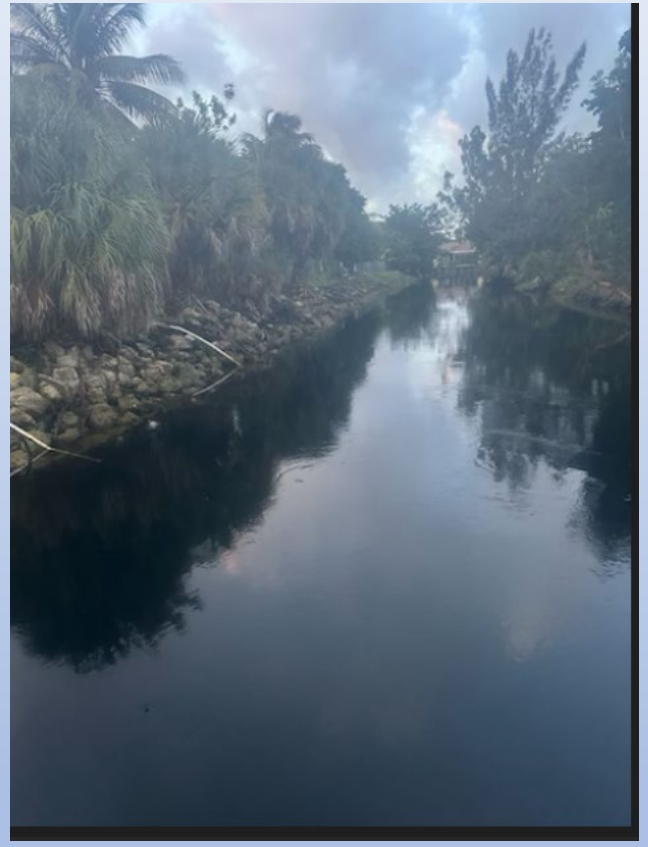
Pump Station Operations

Each pump has a maximum capacity of 2700 Gallons per minute

Routine Storm Drain cleaning by the VACTOR team

The City has 1006 Storm drains

Canal Maintenance Citywide



There are 56 canals that are maintained by the SW Operations team

Emergency Stormwater Pumping Operations