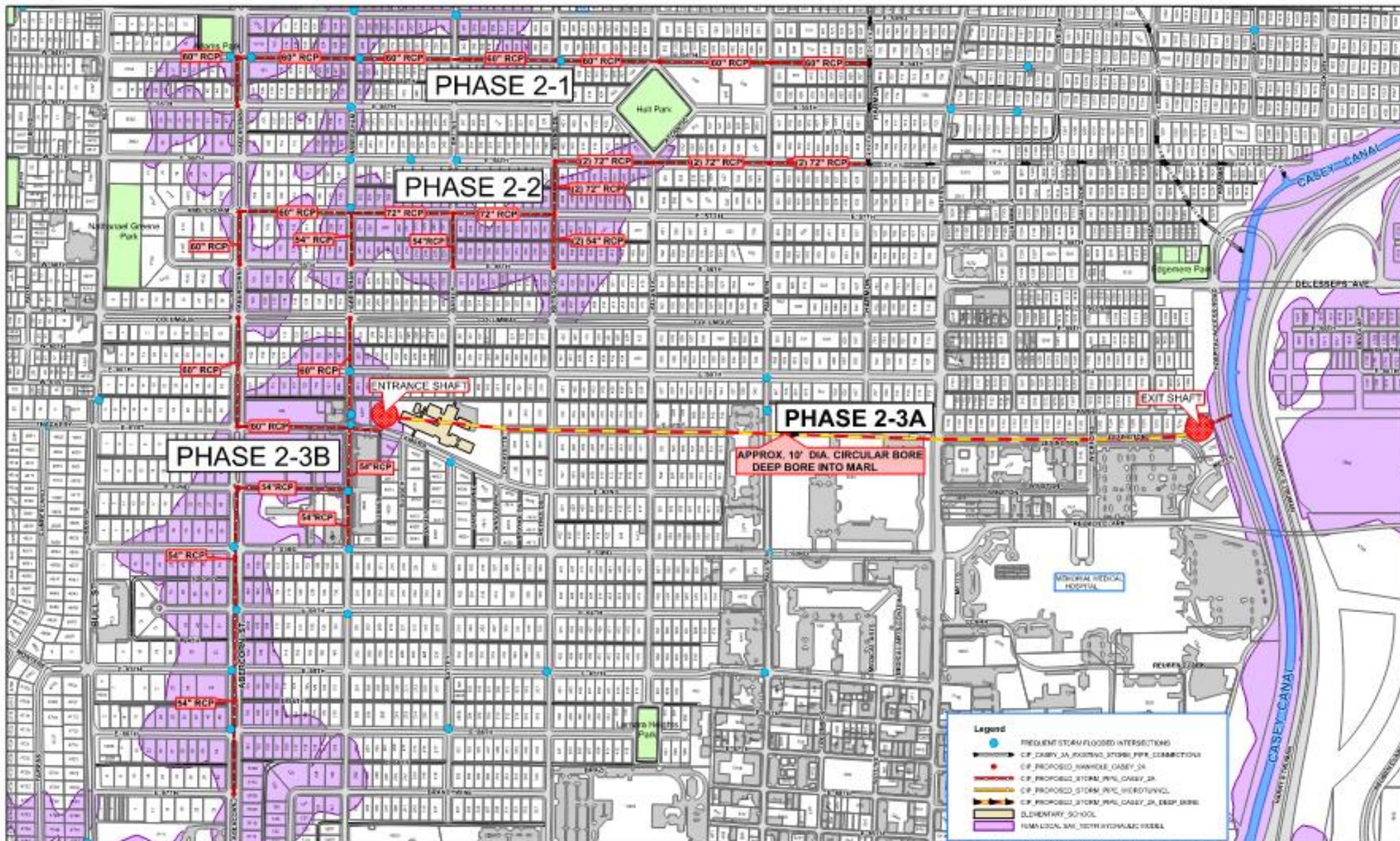


CASEY PHASE 2 DRAINAGE IMPROVEMENTS

Construction Kickoff
and
Ongoing Future Improvements

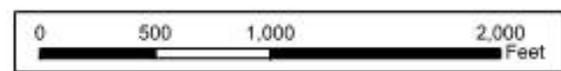
Public Meeting
February 28, 2024

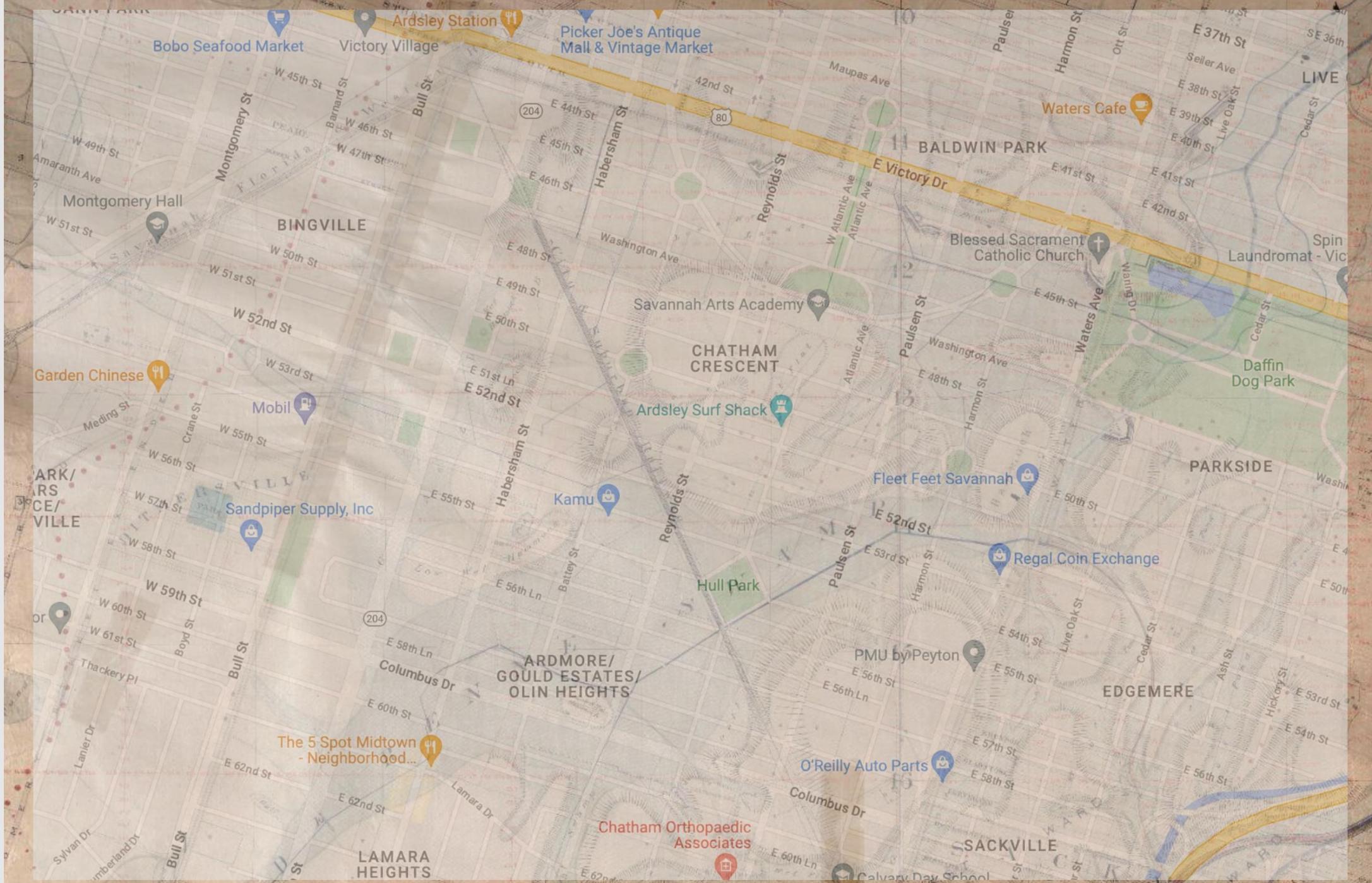




Legend

- FREQUENT STORM FLOODED INTERSECTIONS
- CIP_PROPOSED_STORM_WATER_PIP_CONNECTIONS
- CIP_PROPOSED_STORM_WATER_PIP_CASEY_2A
- CIP_PROPOSED_STORM_WATER_PIP_CASEY_2B
- CIP_PROPOSED_STORM_WATER_PIP_CASEY_2C
- CIP_PROPOSED_STORM_WATER_PIP_CASEY_2D_DEEP_BORE
- ▭ ELEMENTARY SCHOOL
- ▭ FEMA LOCAL 541 WITH HYDRAULIC MODEL





Bobo Seafood Market

Victory Village

Ardsley Station

Picker Joe's Antique Mall & Vintage Market

Waters Cafe

Montgomery Hall

BINGVILLE

BALDWIN PARK

Blessed Sacrament Catholic Church

Laundromat - Vic

Savannah Arts Academy

CHATHAM CRESCENT

Daffin Dog Park

Garden Chinese

Mobil

Ardsley Surf Shack

Fleet Feet Savannah

PARKSIDE

ARK/RS/CE/VILLE

Sandpiper Supply, Inc

Kamu

Regal Coin Exchange

Hull Park

ARDMORE/GOULD ESTATES/OLIN HEIGHTS

PMU by Peyton

EDGEMERE

The 5 Spot Midtown - Neighborhood...

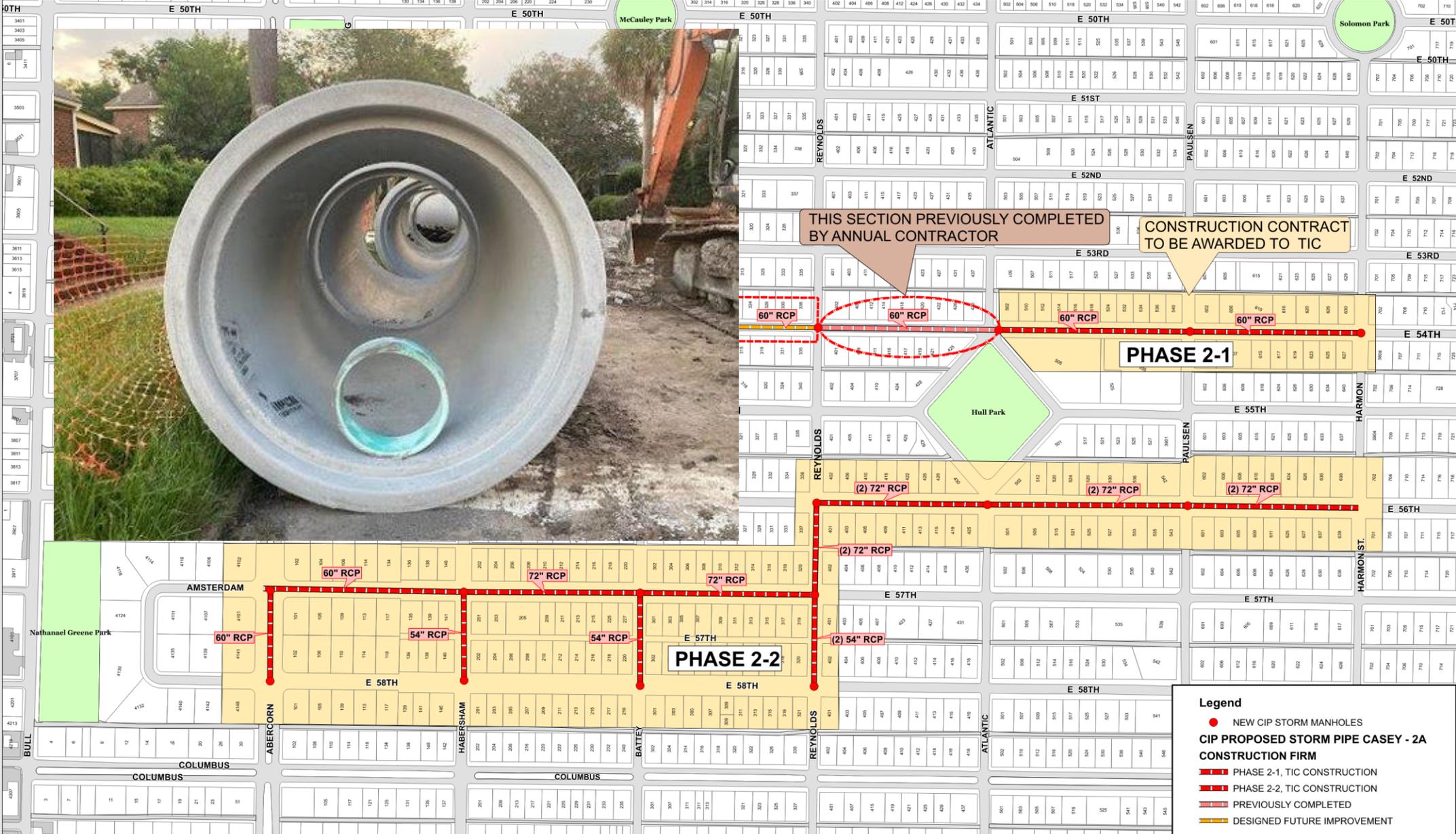
Chatham Orthopaedic Associates

O'Reilly Auto Parts

SACKVILLE

LAMARA HEIGHTS

Calvary Day School



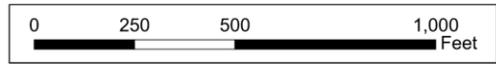
THIS SECTION PREVIOUSLY COMPLETED BY ANNUAL CONTRACTOR

CONSTRUCTION CONTRACT TO BE AWARDED TO TIC

PHASE 2-1

PHASE 2-2

- Legend**
- NEW CIP STORM MANHOLES
 - CIP PROPOSED STORM PIPE CASEY - 2A CONSTRUCTION FIRM
 - PHASE 2-1, TIC CONSTRUCTION
 - PHASE 2-2, TIC CONSTRUCTION
 - PREVIOUSLY COMPLETED
 - DESIGNED FUTURE IMPROVEMENT



Casey Improvements Status Updates

54th St. between Reynolds and Atlantic Ave.

Project
Complete



2023: Installation of 60-inch-diameter storm pipe more than triples drainage capacity of previous storm line.

Phase 2-1 and 2-2 Construction Kickoff

Contract
Awarded



March 2024: Construction to commence on 30-month project in 2 phases.

- Phase 2-1: Installation of 60-inch pipe beneath 54th St. between Atlantic and Harmon.
- Phases 2-2: Installation of 72-inch pipe beneath 56th and 57th streets between Abercorn and Harmon.

Phase 2-3A Deep Tunnel

Assessment
Complete



Late 2024: Procurement of final design expected for mile-long, 10-foot-diameter, 150-foot-deep tunnel beneath 61st Street from Habersham Village to Casey Canal. Tunnel feasibility assessment was completed in 2023.

Phase 2-3B Habersham Village and Abercorn St. Improvements

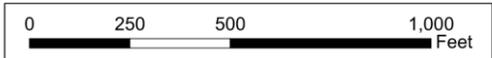
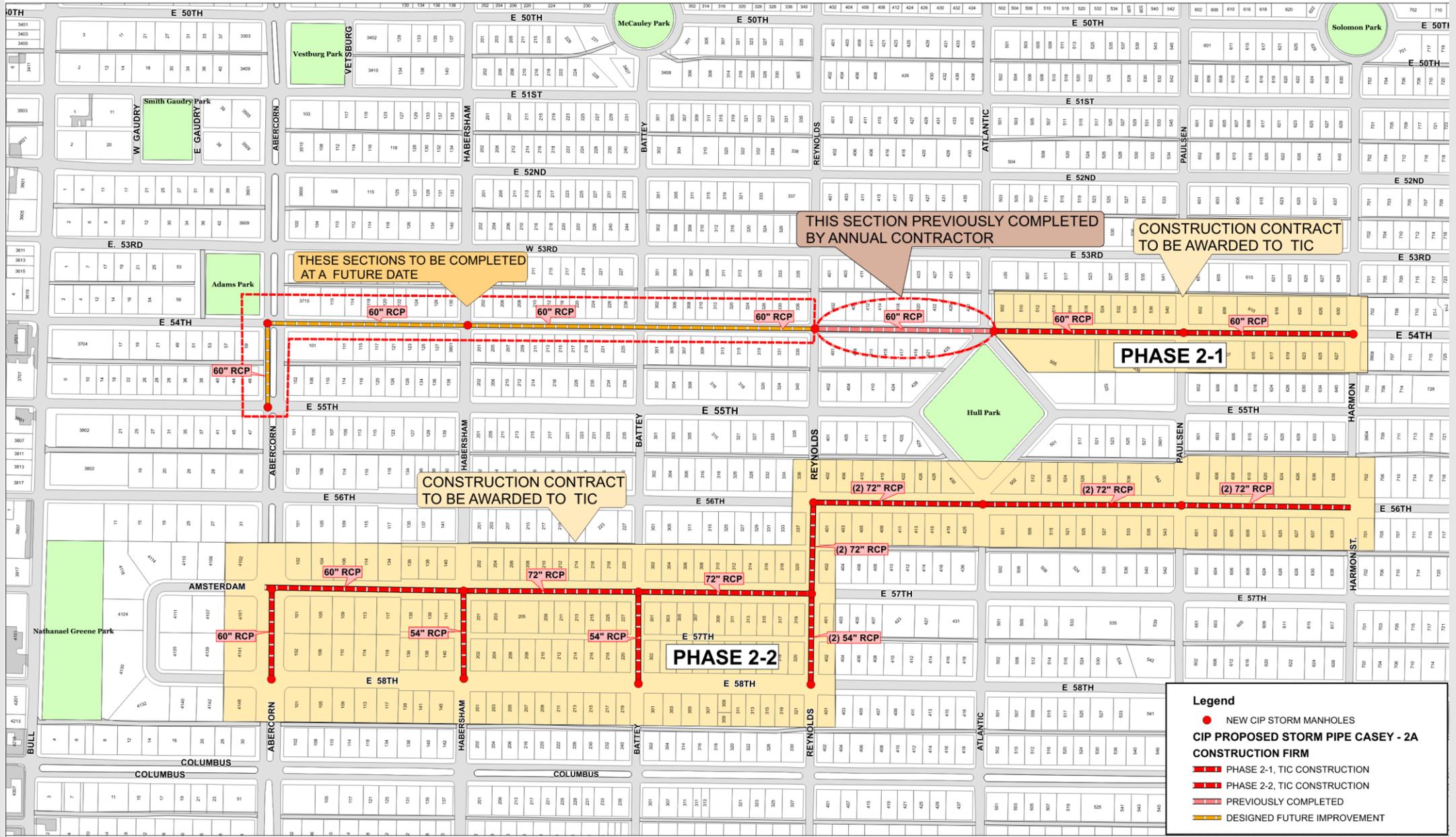
Modeling
Complete



2025: Detailed design to be completed of near surface storm pipe network upstream of proposed tunnel entrance. Modeling was completed in 2023 to determine pipe sizes for 100-year design storm conveyance.

54TH ST. BETWEEN REYNOLDS AND ATLANTIC RECENTLY COMPLETED CONSTRUCTION



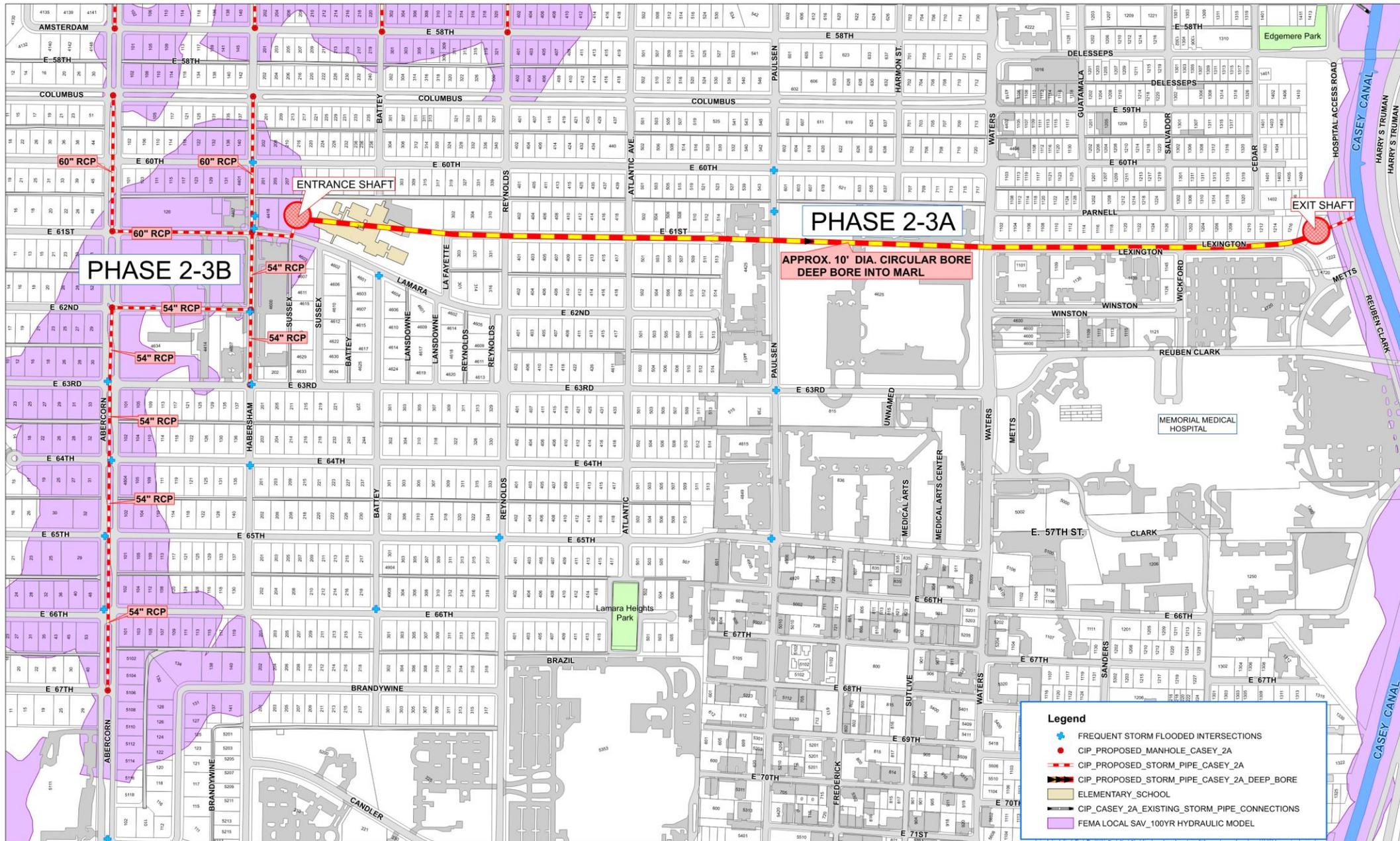


Legend

- NEW CIP STORM MANHOLES
- CIP PROPOSED STORM PIPE CASEY - 2A
- CONSTRUCTION FIRM
- PHASE 2-1, TIC CONSTRUCTION
- PHASE 2-2, TIC CONSTRUCTION
- PREVIOUSLY COMPLETED
- DESIGNED FUTURE IMPROVEMENT

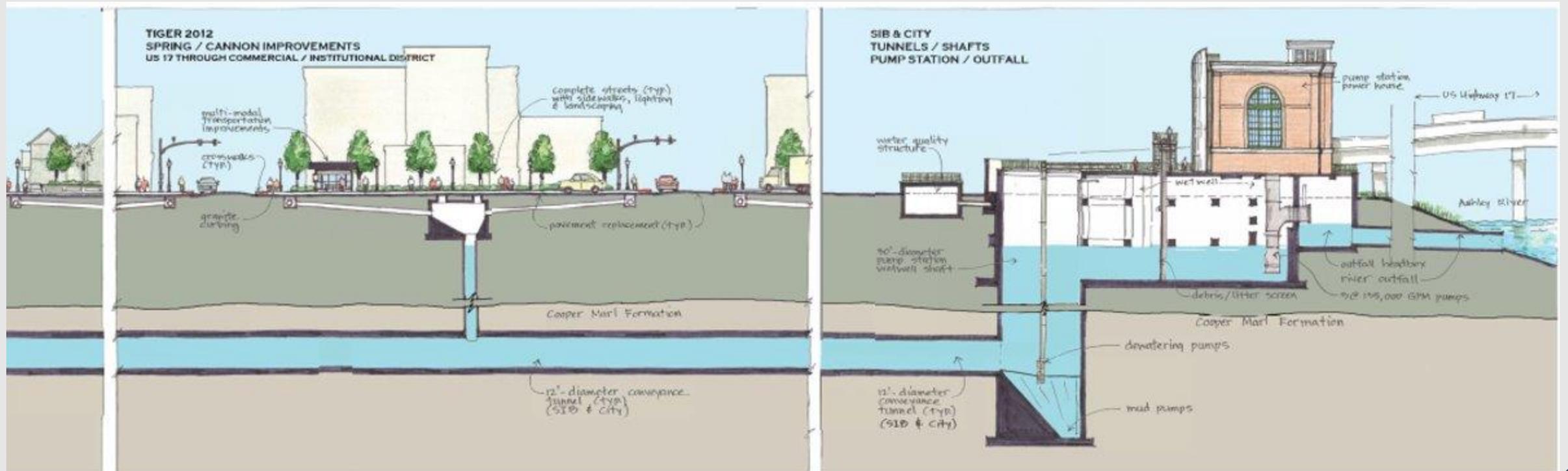
PHASE 2-1 and 2-2 CONSTRUCTION



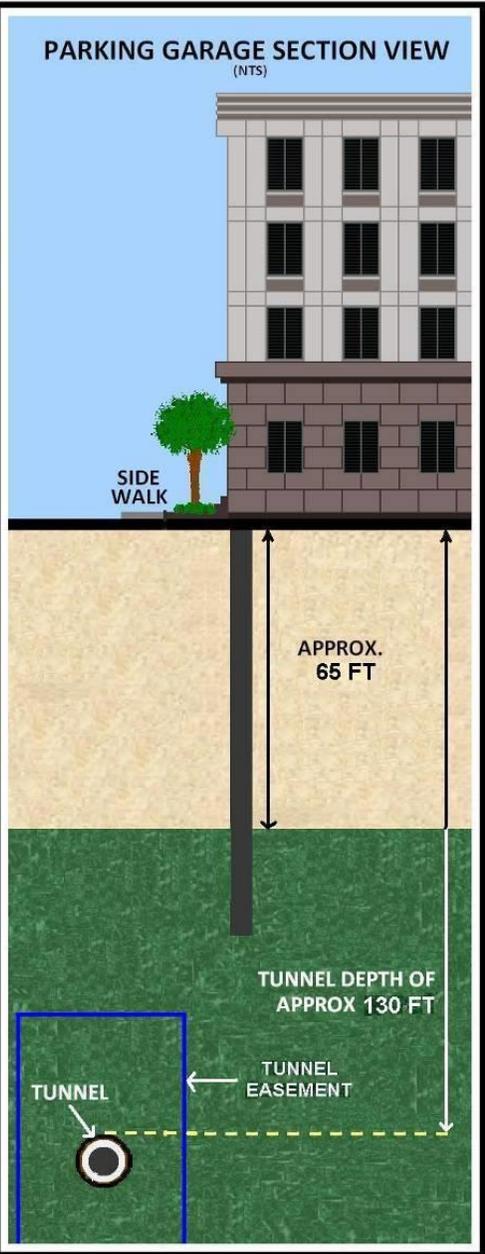
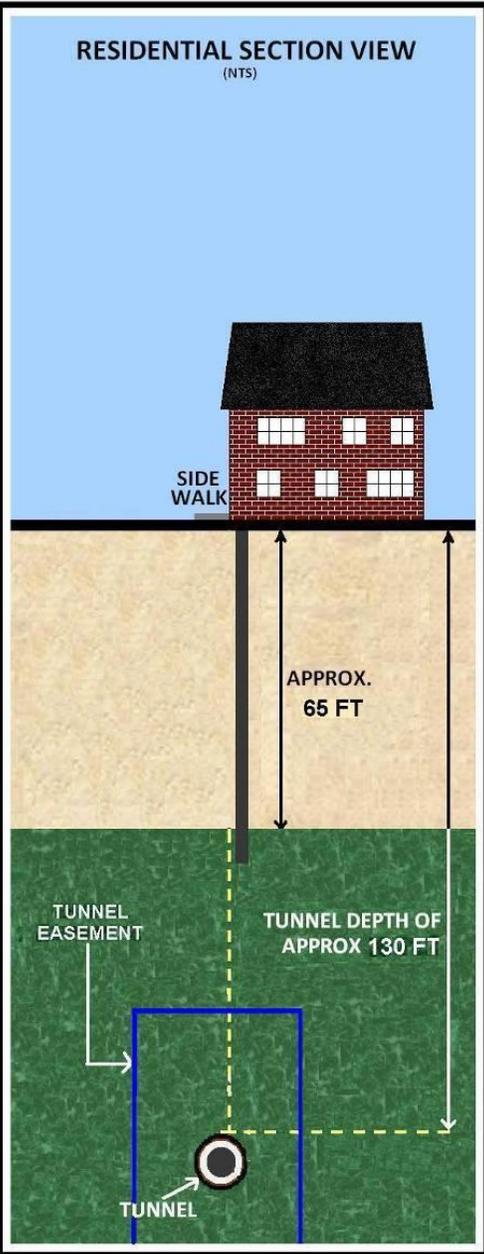
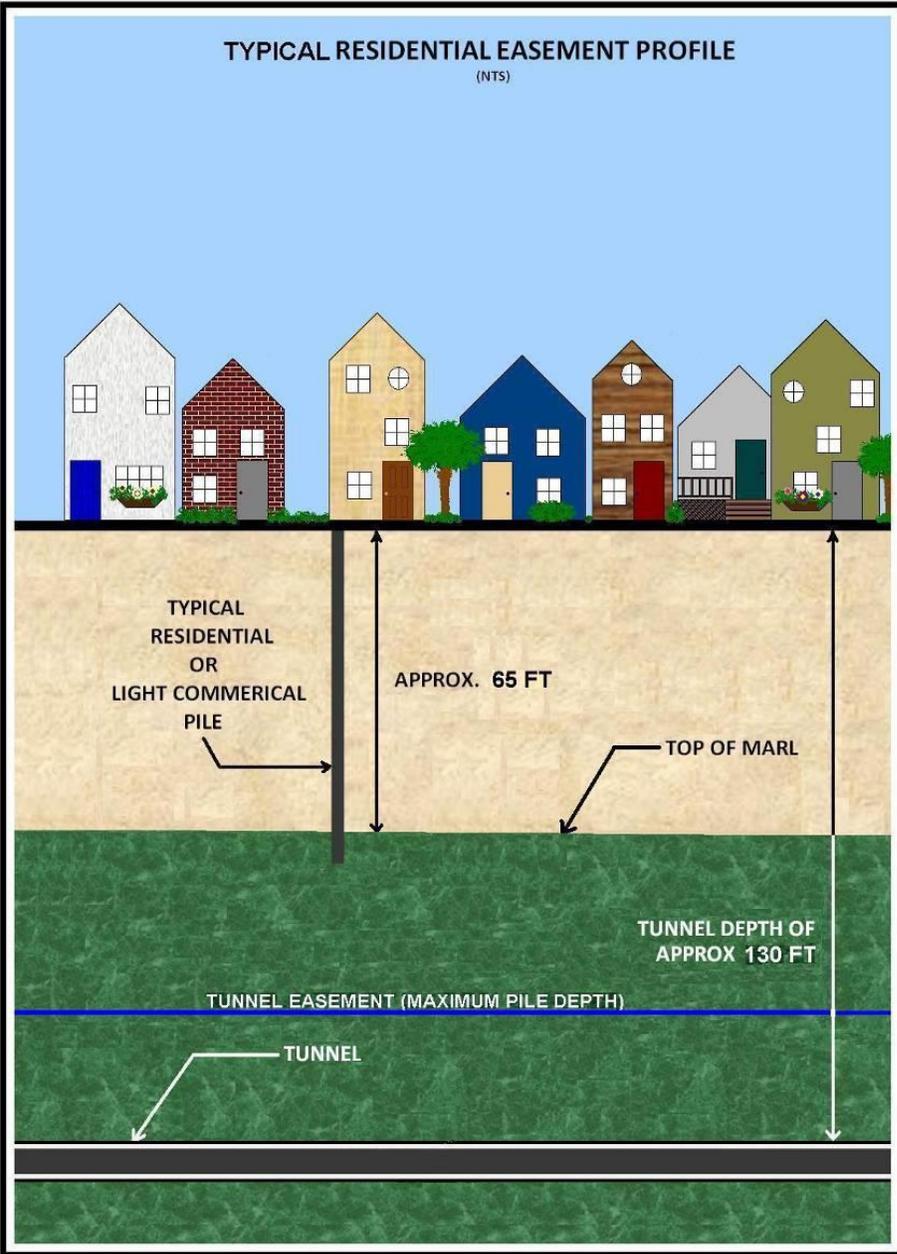


Typical Coastal Stormwater Tunnel Components

- Near surface conveyance
- Shafts (small and large diameter)
- Tunnel
- Pump Station (if gravity not sufficient)
- Outfall



Typical Underground Easements



Access

Stormwater Shafts and Tunnels



Stormwater Tunnels



Site Visit

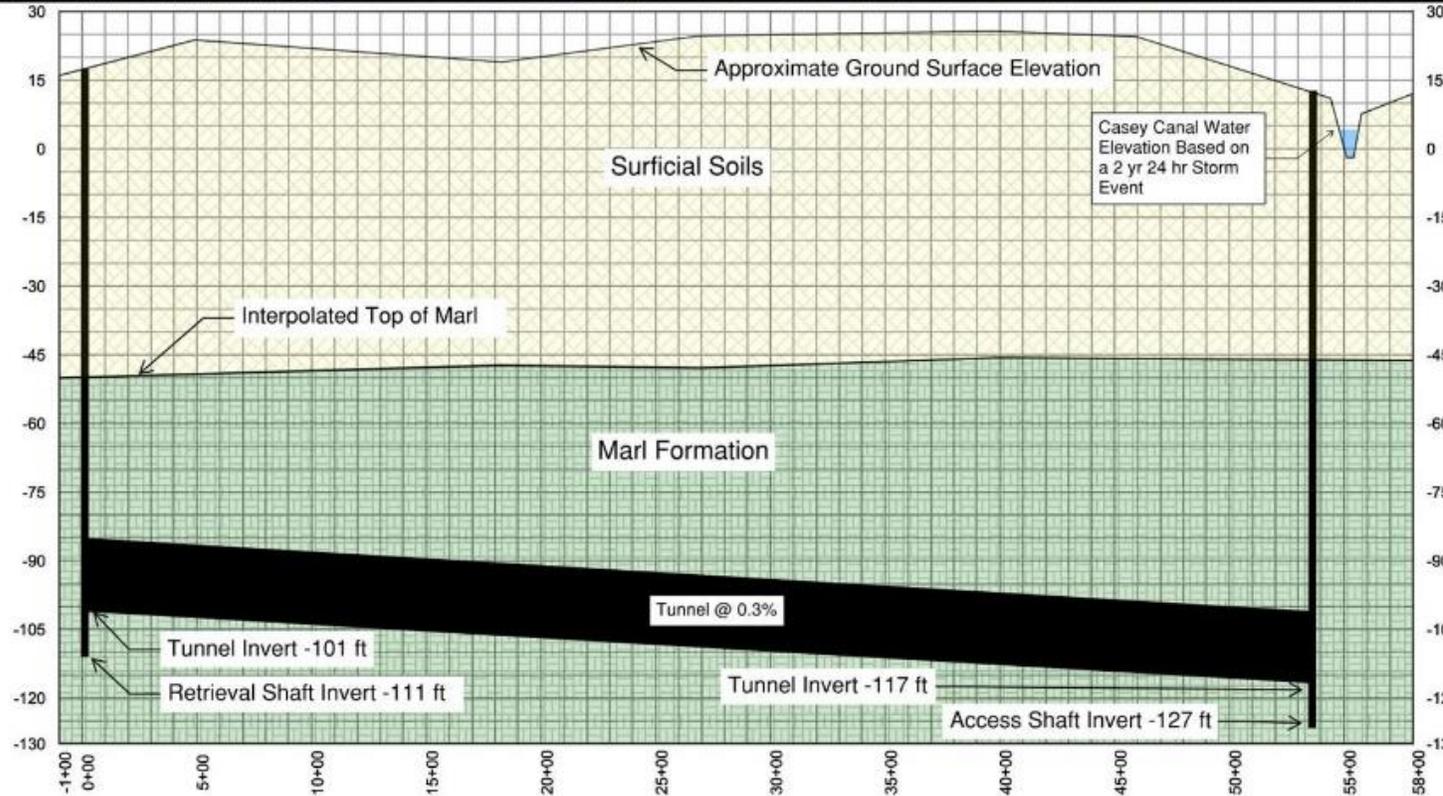


Tunnel Alignment and Geology

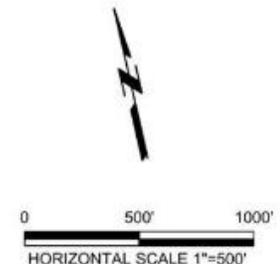


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savannahga.gov

TUNNEL FEASIBILITY
STUDY FOR THE
CASEY 2A CIP
DRAINAGE
IMPROVEMENT
PROJECT



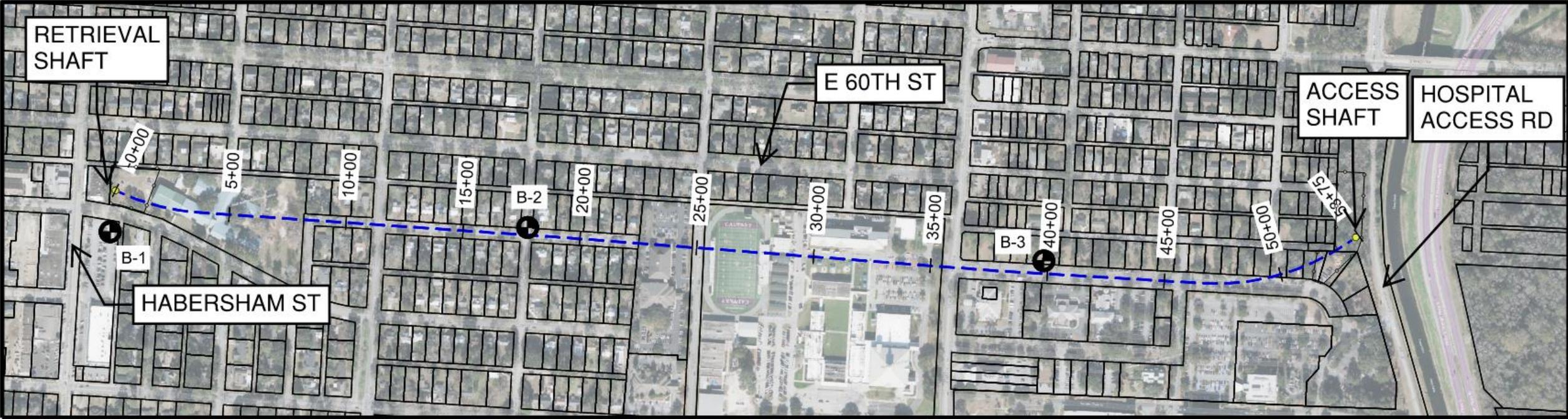
CONCEPTUAL
TUNNEL PLAN
AND PROFILE



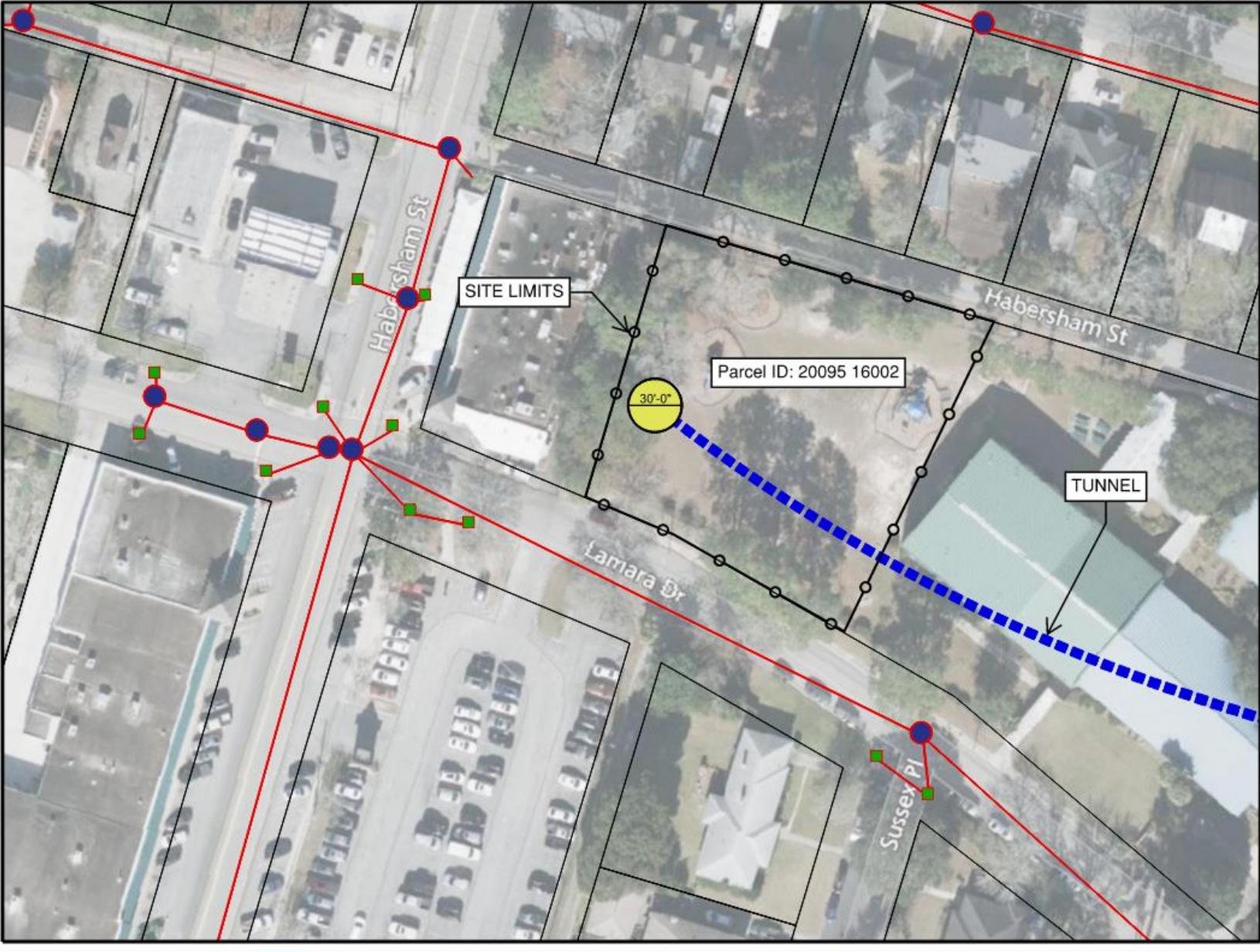
PRELIMINARY
NOT FOR
CONSTRUCTION

 BLACK & VEATCH

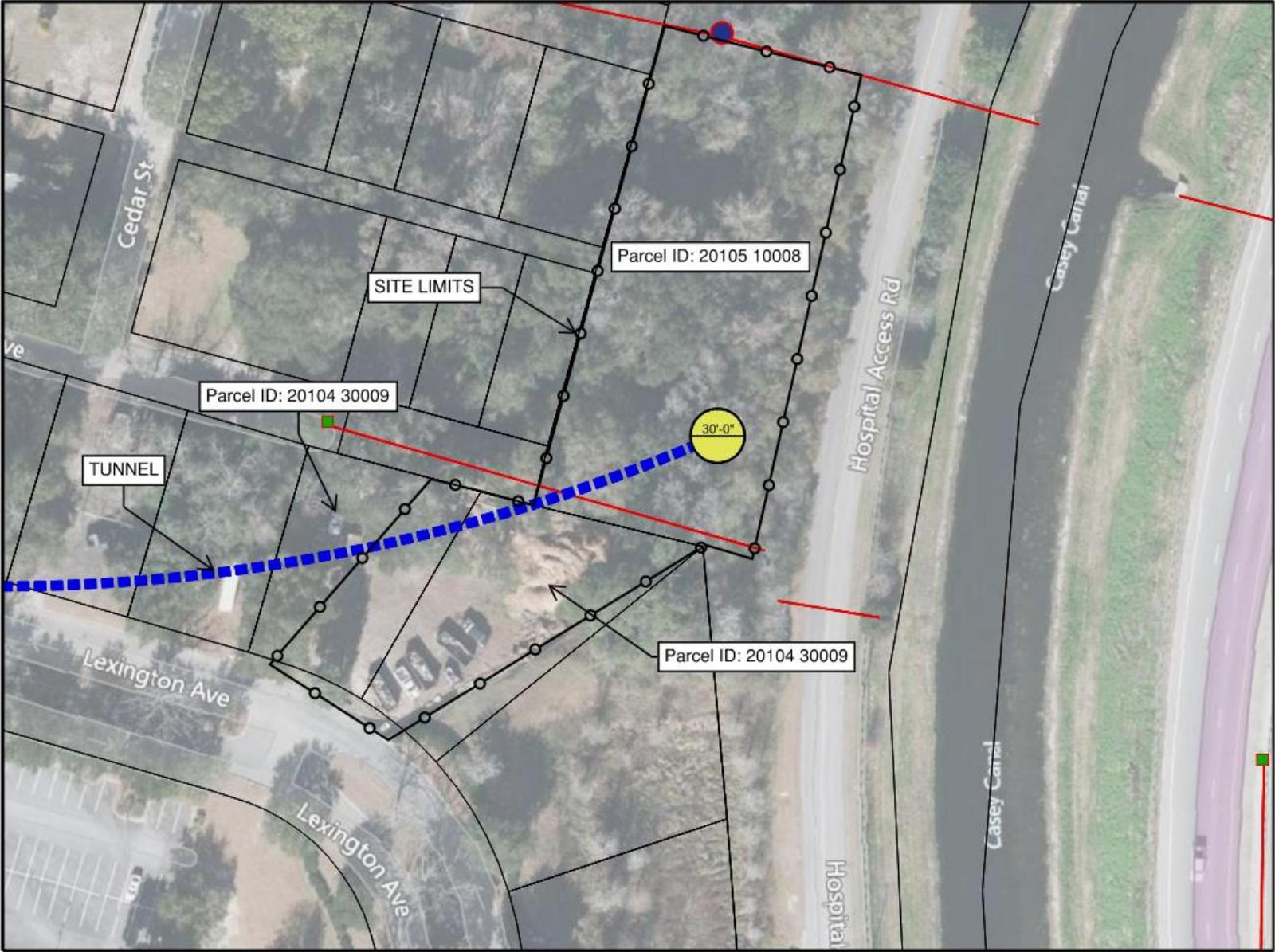
Preliminary Tunnel Alignment



Access Shaft Near Habersham St



Access Shaft at Hospital Access Road



Access Shaft

QUESTIONS AND OPEN HOUSE

Public Meeting
February 28, 2024