

HUSSEY GAY BELL
— Established 1958 —





FIRM INTRODUCTION



Six Decades of Trusted Design Leadership Across Georgia and Beyond

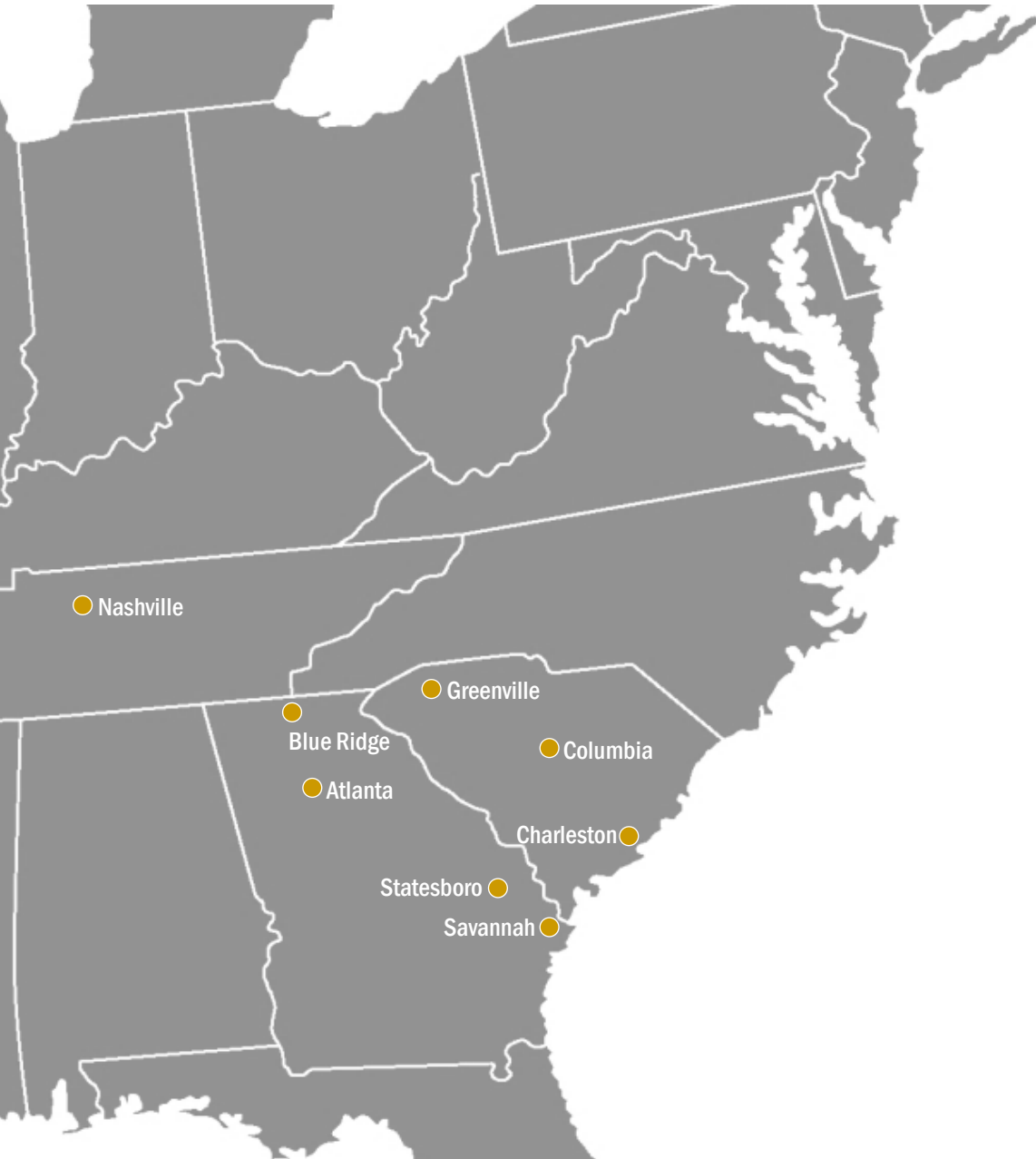
- Innovative, Collaborative Solutions
- Award-Winning Project Delivery
- Community-Centered Leadership

For more than 60 years, Hussey Gay Bell has delivered excellence through innovation, collaboration, and initiative. Our work is defined by trusted client relationships, technical rigor, and a deep commitment to the communities we serve.

Our people are our greatest strength — professionals who uphold the highest standards of service, leadership, and civic engagement.

—G. Holmes Bell IV, PE, CEO & Chairman

Firm Overview



1958

Year of Founding

68

Years in Business

8

Regional Offices

175+

Professionals

12

In-House Disciplines

2026

ENR Top 500 Design Firm

Services

*Architecture
Interior Design
Civil Engineering
Transportation Systems Engineering
Water & Wastewater Engineering
Natural Gas Systems Engineering
Environmental Engineering
Structural Engineering
Landscape Architecture
Surveying
Permitting
Construction Management Services*

Markets

*Commercial
Education
Government
Healthcare
Industrial
Residential
Transportation
Water*



EXPERTISE



WASTEWATER TREATMENT



Central Berkeley WWTTP Upgrade to 6.0 MGD
Berkeley County, SC
Completion Date: 2021
Size: 3.0 MGD expansion of an existing oxidation ditch type plant (upgrade from existing foreign design)





Town of Chapin 2.4 MGD WWTP
Chapin, SC
Completion Date: 2020
Size: 2.4 MGD oxidation ditch type
plant, new construction





2.5, 3.3 to 6.223 MGD BNR + MBR WWTP, Pooler, GA
Completion Date: 2004/2015/2024
Size: 2.5 MGD, 3.3 MGD, 6.223 MGD



Statesboro Wastewater Treatment Plant
Statesboro, GA
Completion Date: 1992, 1996, 2018
Size: 10.0 MGD



City of Richmond Hill Sterling Creek 4.0 MGD WWTP
Richmond Hill, GA
Completion Date: 2016
Size: 4.0 MGD flat plate membrane BNR plant



Georgetown Water Reclamation Facility
Savannah, GA
Completion Date: 1972-2004 (original +
multiple expansions)
Size: 2.45 MGD oxidation ditch type

The background features a complex, abstract geometric pattern of thin, light gray lines. These lines intersect to form a series of overlapping, three-dimensional-looking rectangular and polygonal shapes that recede into the distance, creating a sense of depth and architectural structure. The overall effect is clean, modern, and technical.

WATER TREATMENT



Industrial & Domestic Water Supply Treatment
Plant
Modifications & Expansions
Savannah, GA
Completion Date: 1970s/2005 (ongoing
projects for 30+ years)
Size: 50 MGD plant
*Currently in planning/design for expansion to
75 MGD.

I&D WATER TREATMENT PLANT EXPANSION



SAVANNAH
savannahga.gov

PHASE I (2027)

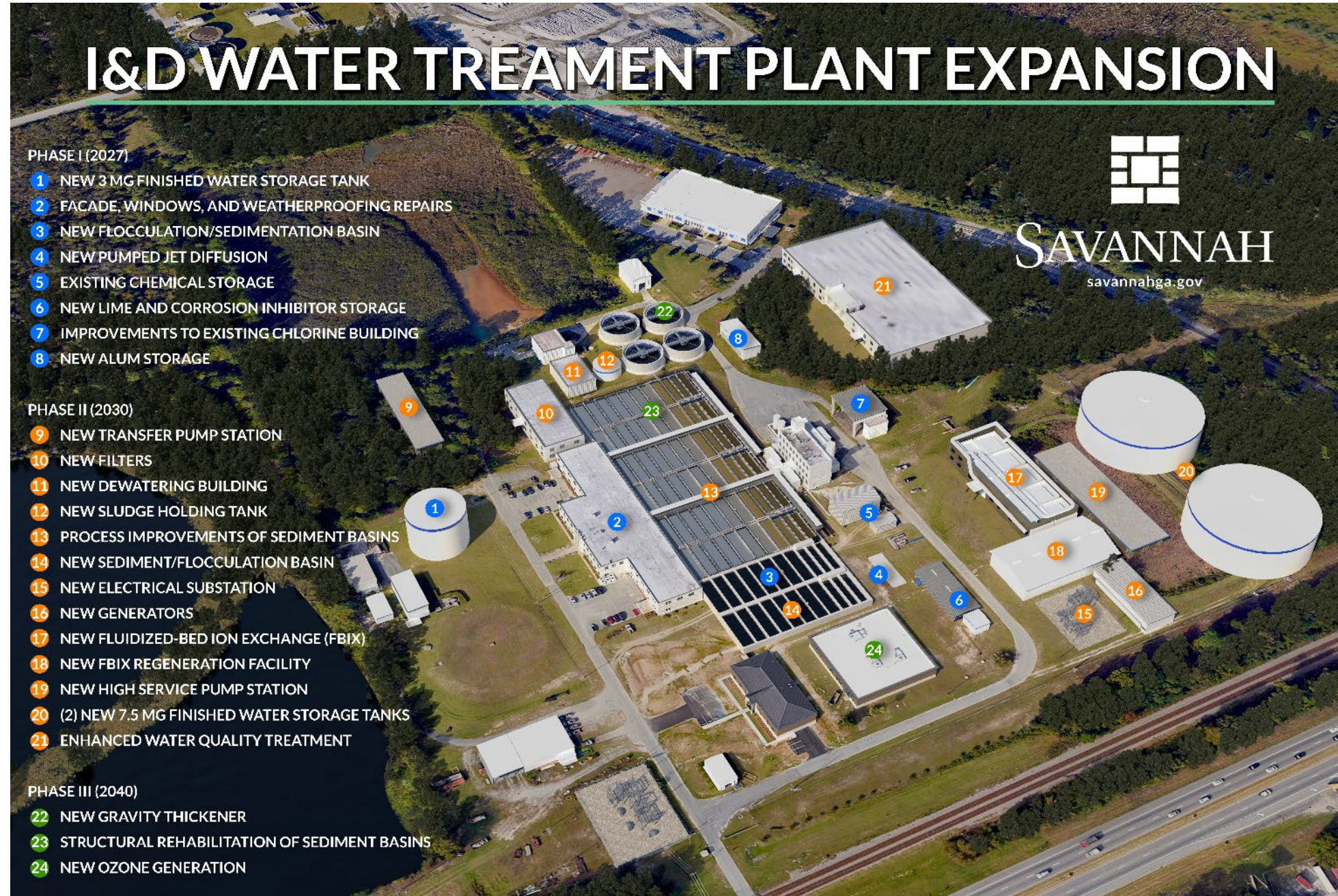
- 1 NEW 3 MG FINISHED WATER STORAGE TANK
- 2 FACADE, WINDOWS, AND WEATHERPROOFING REPAIRS
- 3 NEW FLOCCULATION/SEDIMENTATION BASIN
- 4 NEW PUMPED JET DIFFUSION
- 5 EXISTING CHEMICAL STORAGE
- 6 NEW LIME AND CORROSION INHIBITOR STORAGE
- 7 IMPROVEMENTS TO EXISTING CHLORINE BUILDING
- 8 NEW ALUM STORAGE

PHASE II (2030)

- 9 NEW TRANSFER PUMP STATION
- 10 NEW FILTERS
- 11 NEW DEWATERING BUILDING
- 12 NEW SLUDGE HOLDING TANK
- 13 PROCESS IMPROVEMENTS OF SEDIMENT BASINS
- 14 NEW SEDIMENT/FLOCCULATION BASIN
- 15 NEW ELECTRICAL SUBSTATION
- 16 NEW GENERATORS
- 17 NEW FLUIDIZED-BED ION EXCHANGE (FBIX)
- 18 NEW FBIX REGENERATION FACILITY
- 19 NEW HIGH SERVICE PUMP STATION
- 20 (2) NEW 7.5 MG FINISHED WATER STORAGE TANKS
- 21 ENHANCED WATER QUALITY TREATMENT

PHASE III (2040)

- 22 NEW GRAVITY THICKENER
- 23 STRUCTURAL REHABILITATION OF SEDIMENT BASINS
- 24 NEW OZONE GENERATION



City of Savannah I&D Water Treatment
Plant Immediate Systems Improvement
Project (Phase I), Savannah, GA

Completion Date: 2027 est.
Size: 58 to 75 MGD



Charleston Water System
Hanahan WTP Expansion, Charleston, SC
Completion Date: 2030 est. (ongoing projects since 2014)
Size: 127 MGD plant
*Subconsultant to Black & Veatch for civil + survey services
*Image courtesy of Black & Veatch

Z:\Shared\ASST\Projects\1000 Crittenden-Livingston, KY\2024\1000 VTP Upgrades - MGD Expansion - Phase B\CAD\COMB\STRUCT\MA-CRT-BNETS.dwg



NORTH

GRAPHIC SCALE
1" = 30' - 0"

NOTE: THIS SCALE APPLIES FOR EXISTING ONLY

4117 Hillsboro Pike, Suite 206, Nashville, TN 37215 | (615) 460-7515

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Established 1958

REVISIONS:

NO.	DATE	DESCRIPTION

DATE: 11/20/24
JOB NO: 24143008
SHEET: 11 OF 12

WATER TREATMENT PLANT UPGRADES
SCALE: AS SHOWN
CRITTENDEN-LIVINGSTON WATER DISTRICT
PROJECT DIS PLAN

WASING: 11/21/24
C 003A

Project Name/Location: Crittenden-Livingston Water District Water Treatment Plant Expansions & Upgrades, Salem, KY

Completion Date: 2025 est.
Size: 2.0 MGD to 4.0 MGD



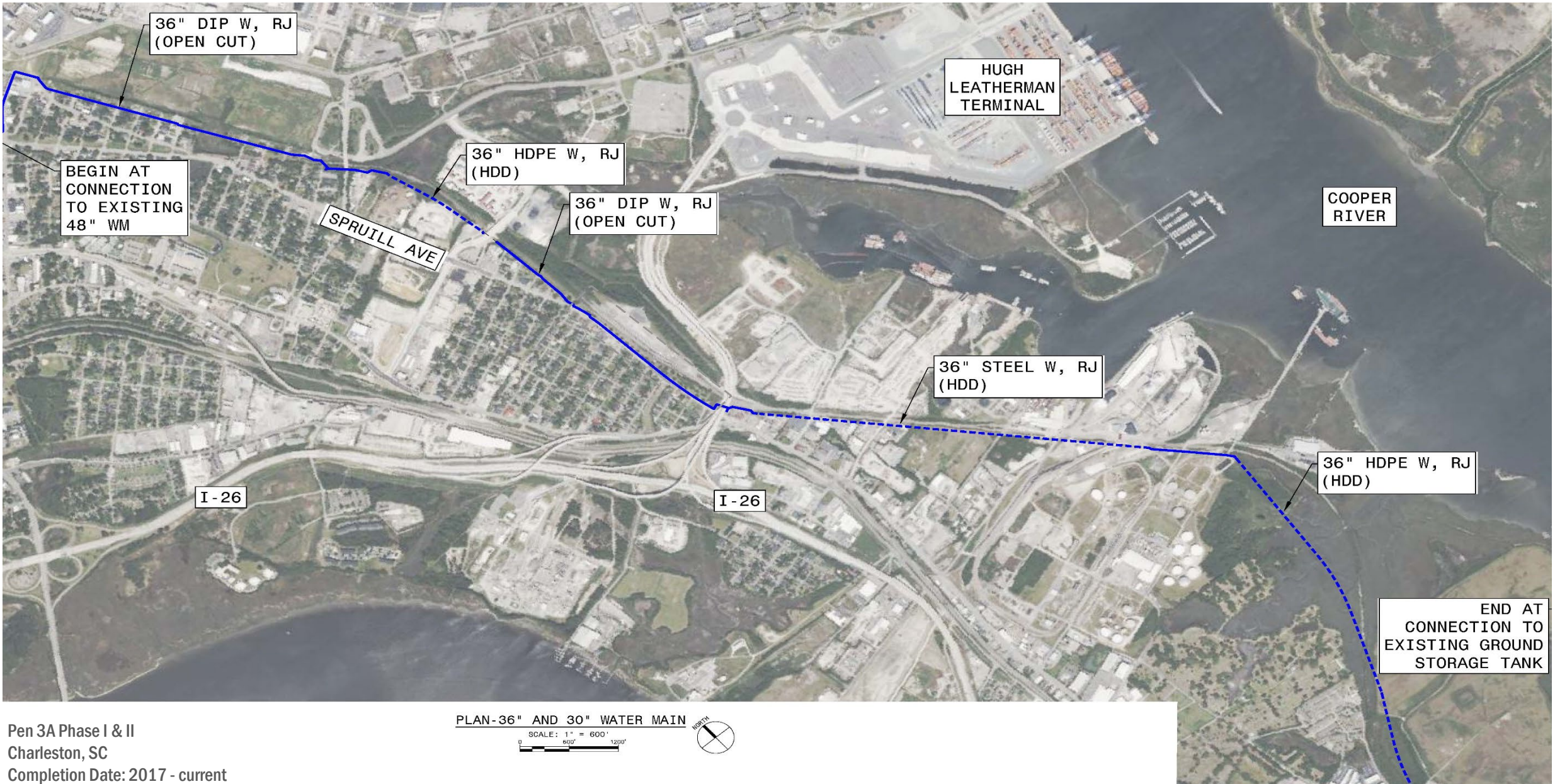


WATER DISTRIBUTION

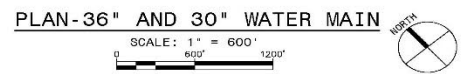


Ashley River Crossing 36" Water
Transmission Main
Charleston, SC
Completion Date: 2018
Size: 4,700 LF of 36-inch steel waterline
installed via HDD





Pen 3A Phase I & II
 Charleston, SC
 Completion Date: 2017 - current
 Size: 16,500 LF of 36" ductile and steel water main; 9,780 LF of 30"
 ductile iron and steel water main





Ben Sawyer/Intracoastal Waterway
Water Main Crossing
Sullivan's Island, SC
Completion Date: 2022
Size: 5,750 LF of 16" transmission water
main





Earlewood Neighborhood Water Quality Improvements
Columbia, SC
Completion Date: 2020
Size: 27,600 LF

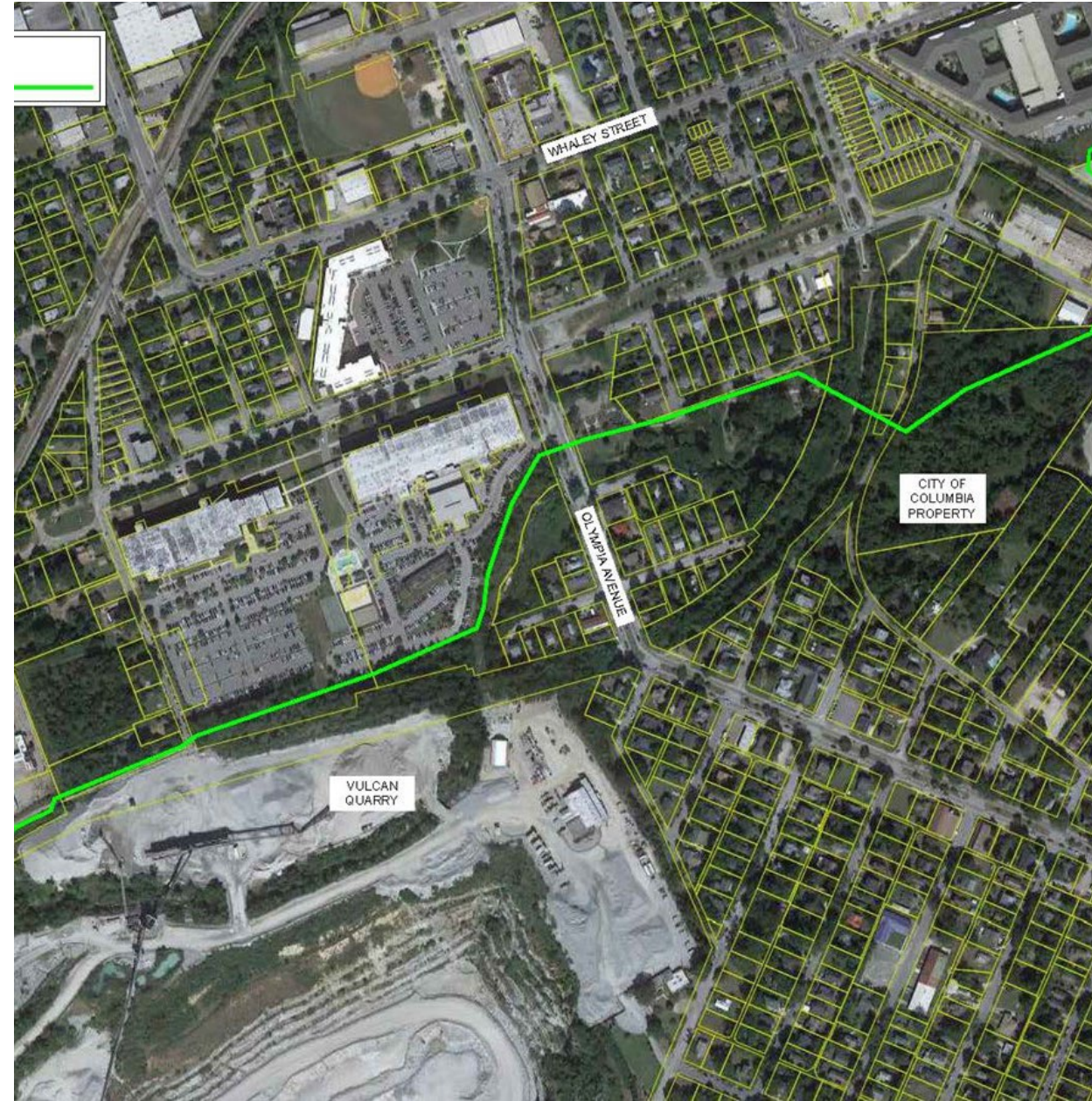


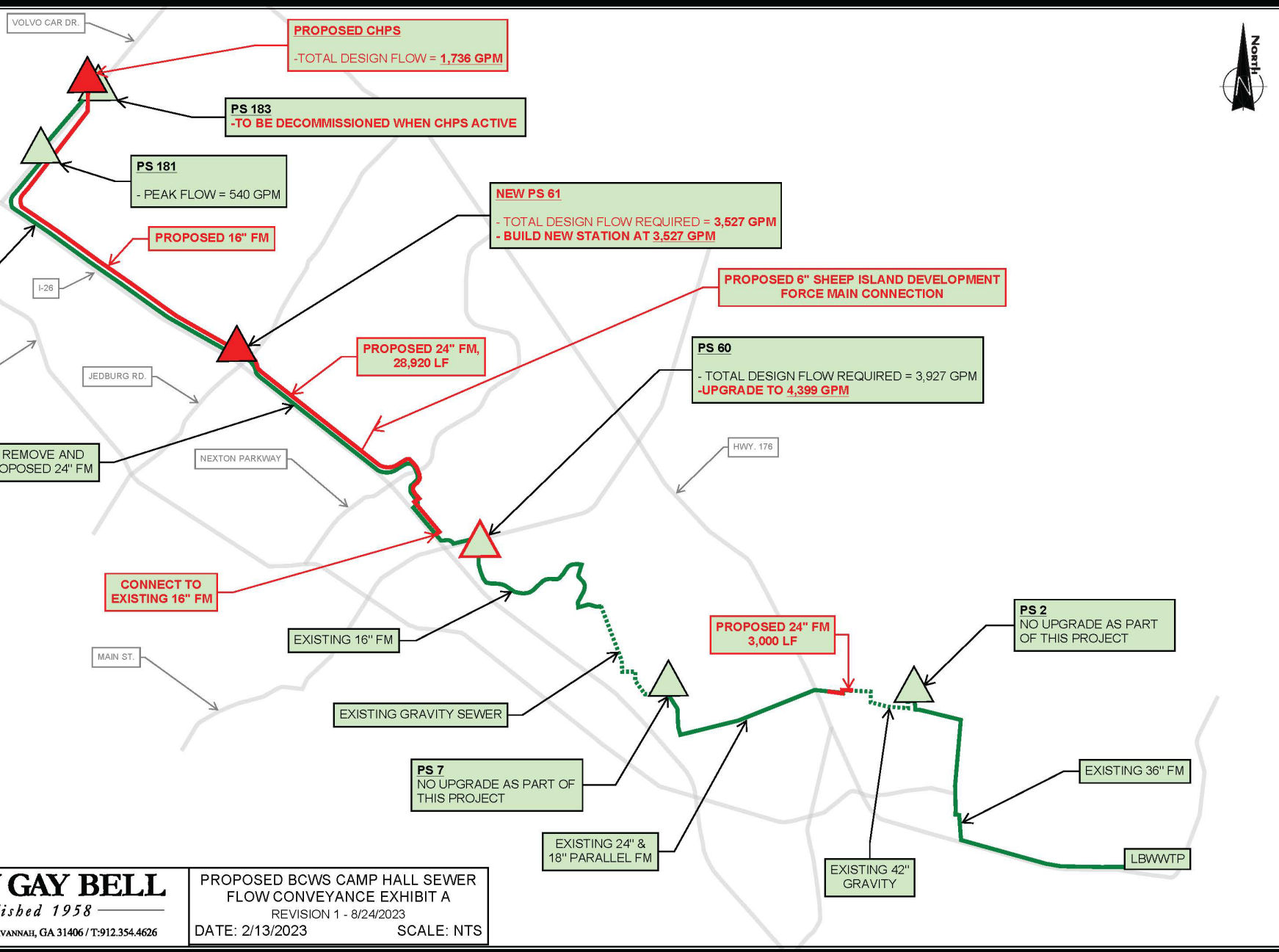


COLLECTIONS & CONVEYANCE



East Rocky Branch Sewer Improvements,
Phase II
Columbia, SC
Completion Date: 2023
Size: 4,700 LF of 36-inch gravity; 2,500
LF of 42-inch gravity





**Camp Hall Master Sewer Extension
Berkeley County, SC**

Completion Date: 2027 est.
 Size: Two new pump stations (2.5 & 5.1 MGD), upgrade of one pump station to 6.3 MGD, and 66,000 LF of 16-inch to 24-inch sewer force mains

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 329 COMMERCIAL DRIVE, SAVANNAH, GA 31406 / T:912.354.4626

PROPOSED BCWS CAMP HALL SEWER
 FLOW CONVEYANCE EXHIBIT A
 REVISION 1 - 8/24/2023
 DATE: 2/13/2023 SCALE: NTS

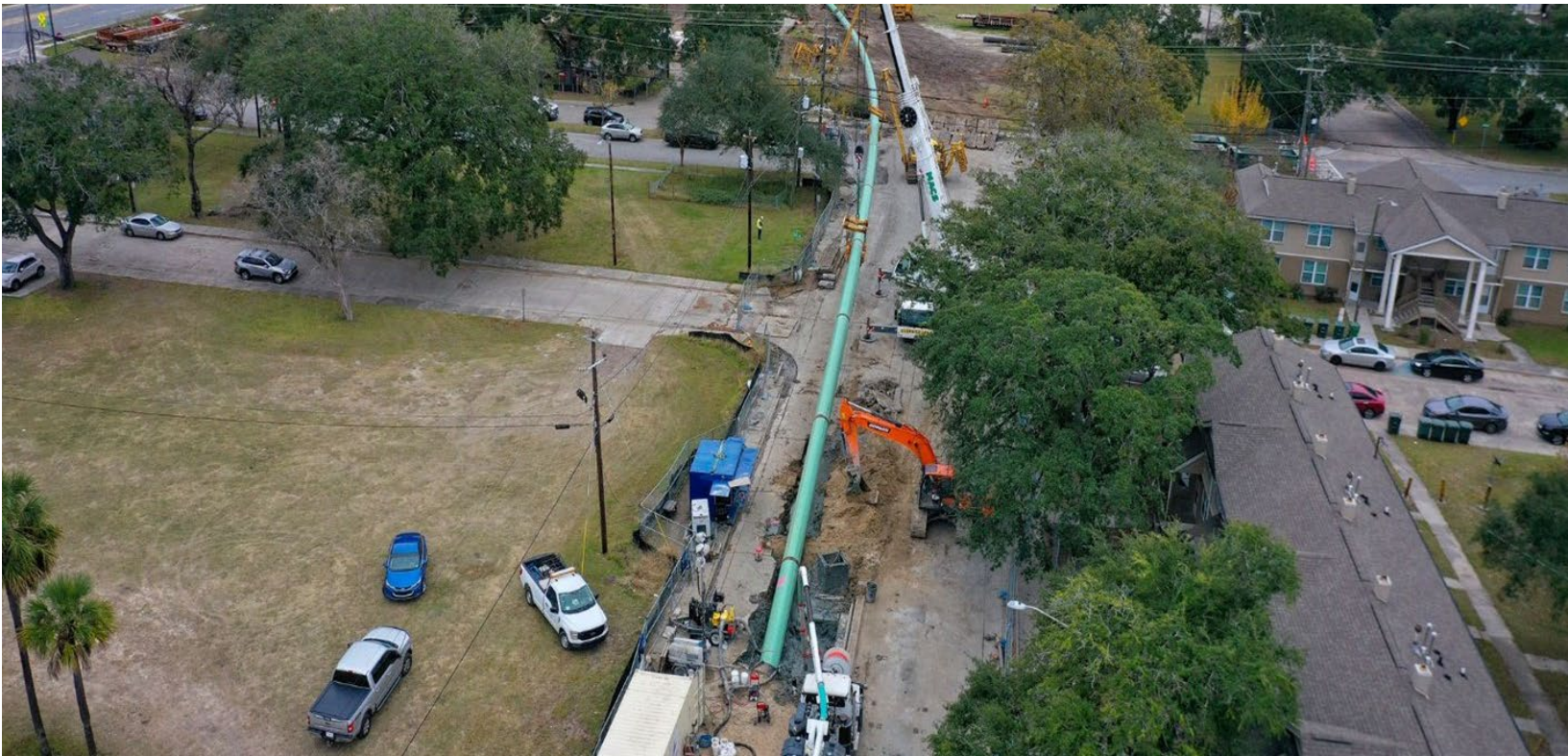
HUSSEY GAY BELL
Established 1958



Camp Hall Master Sewer Extension
Berkeley County, SC

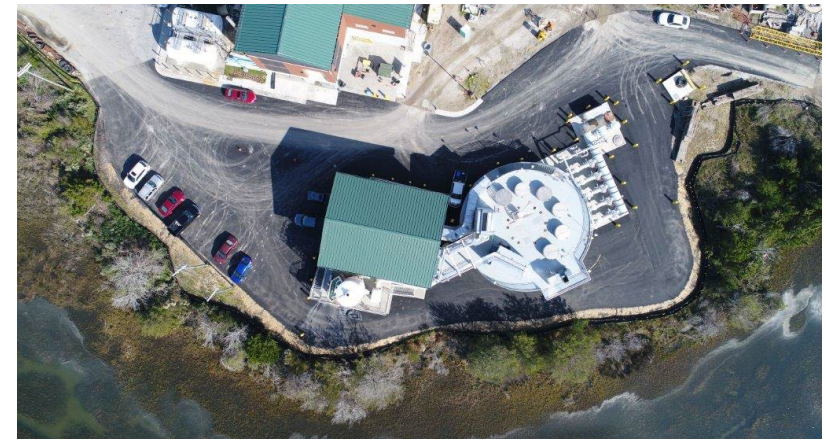
Completion Date: 2027 est.

Size: Two new pump stations (2.5 & 5.1 MGD), upgrade of one pump station to 6.3 MGD, and 66,000 LF of 16-inch to 24-inch sewer force mains

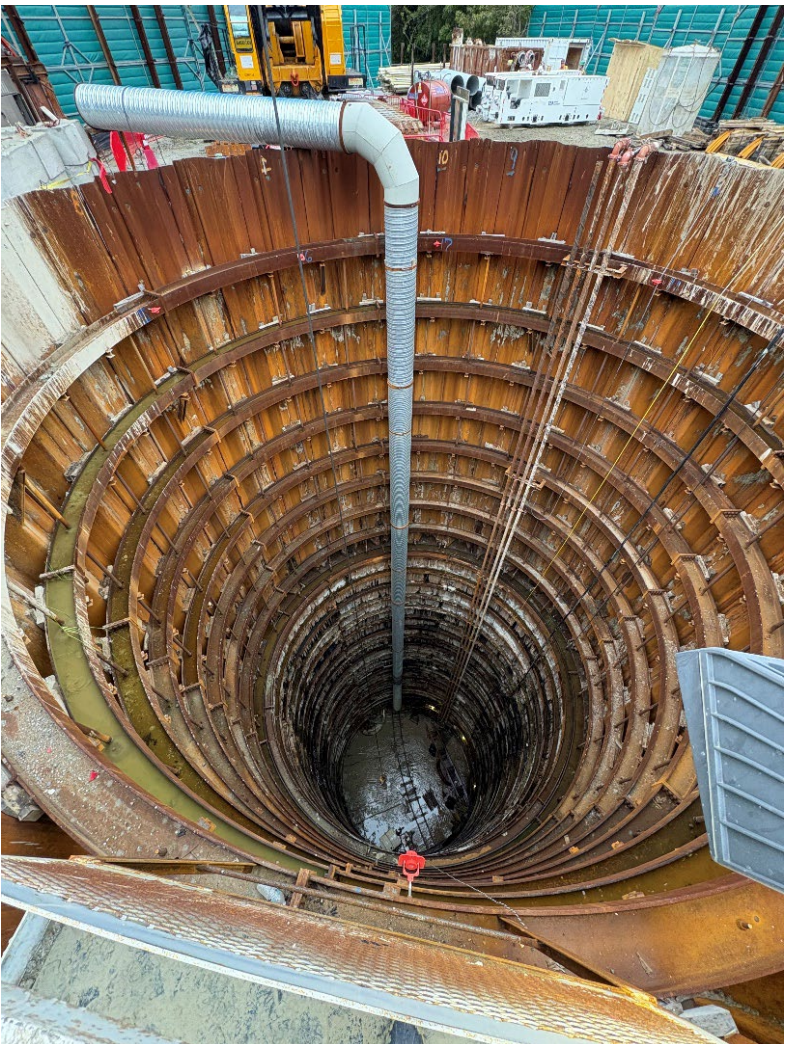


Lift Station 23 Upgrades, Force Main & HDD
Savannah, GA
Completion Date: 2023
Size: 6,000 LF of 30-inch Fusible PVC





Charleston Water System
Phase V West Ashley Sewer Tunnel & Inflow
Pump Station
Charleston, SC
Completion Date: 2022
Size: 120-foot-deep, 1.6-mile-long tunnel and
new 60 MGD influent pump station

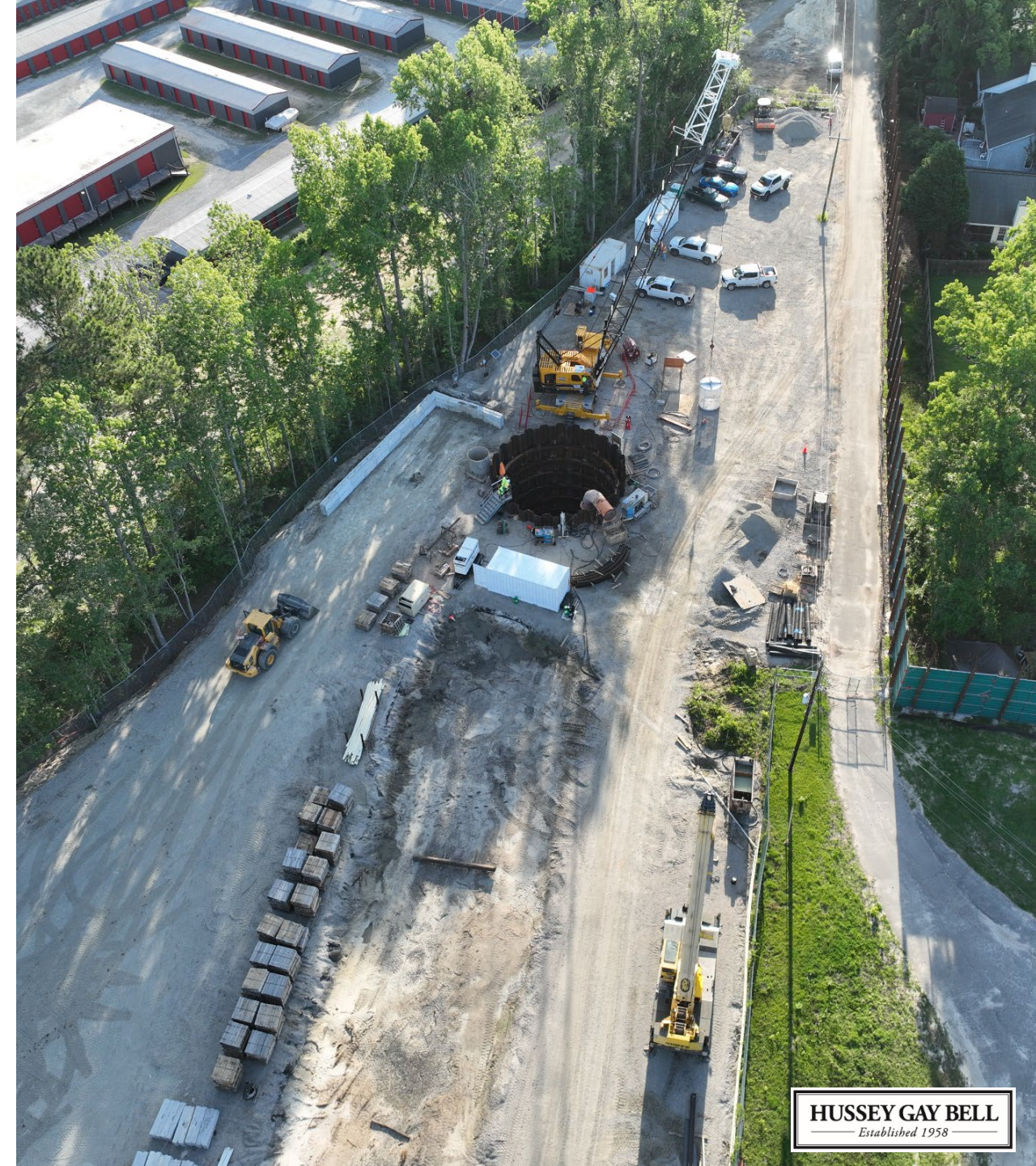


Charleston Water System
 Phase VI West Ashley Sewer Tunnel & Influent
 Pump Station
 Charleston, SC

Completion Date: 2027 est.
 Size: 20,000 LF



Pump Station 77





UTILITY COORDINATION



Charleston Water Systems,
Port Access Water Main
Relocations
Charleston, SC
Completion Date: 2022
Size: 24" water mains in
conflict with Port Access
Road construction

Charleston Water System,
Water/Wastewater Utility Relocations
for Clements Ferry Road Widening
Project
Charleston, SC
Completion Date: P1 - 2017; P2 -
2024
Size: 30" water main and 24"
wastewater force main

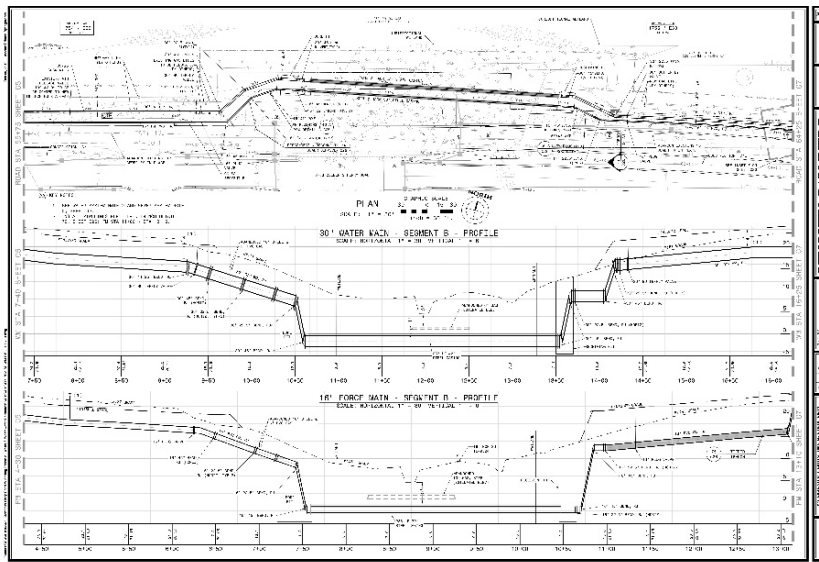
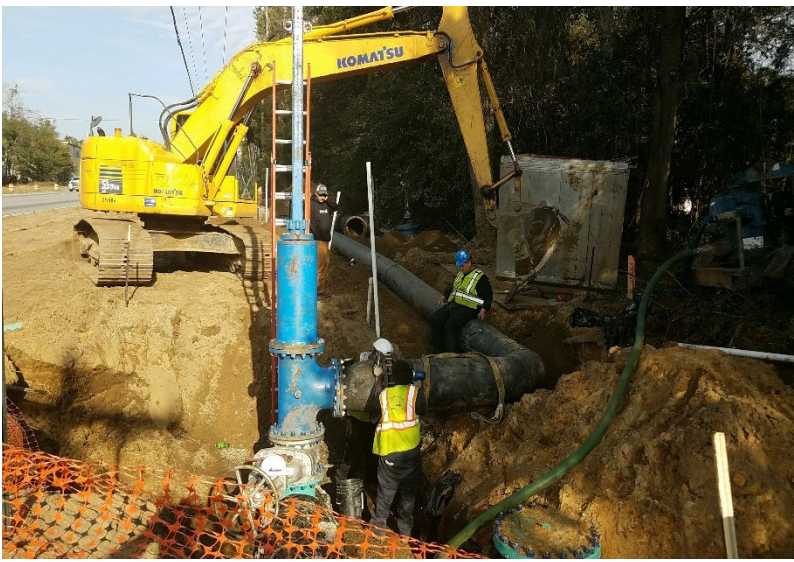


Phase I
4 Miles

Phase II
4.5 Miles



Charleston Water System, Water/Wastewater Utility Relocations for Clements Ferry Road Widening Project
Charleston, SC
Completion Date: P1 - 2017; P2 - 2024
Size: 30" water main and 24" wastewater force main





Charleston Water System

Water/Wastewater Utility Relocations for

Main Road Corridor Segment A Project

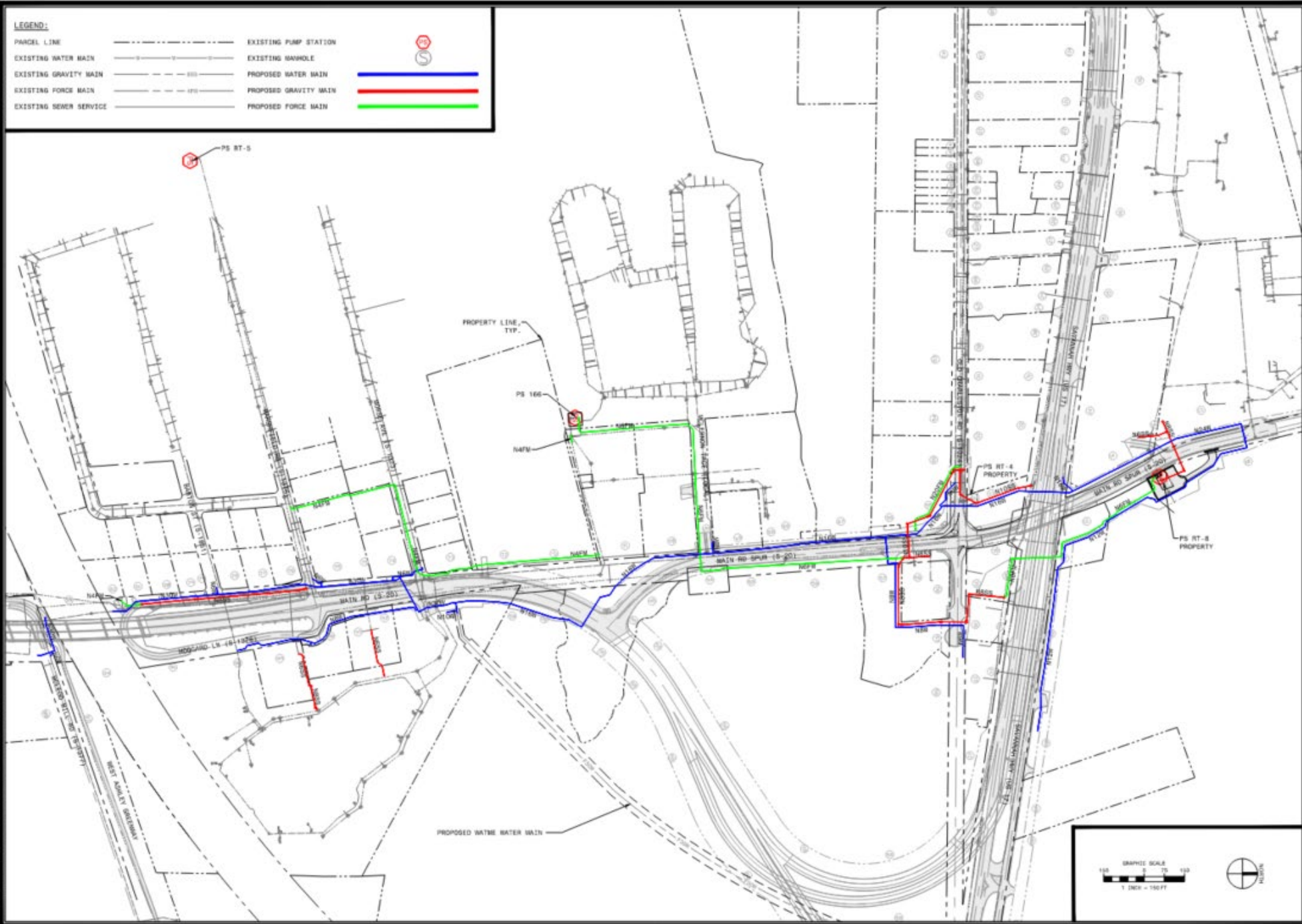
Johns Island, SC

Completion Date: Q1 2027

Size : 30", 24", 16", 12", 10", 8" and 6" Water Mains; 10" and 8" Wastewater Gravity Mains; 20", 6" and 4" Wastewater Force Mains

LEGEND:

PARCEL LINE	---	EXISTING PUMP STATION	
EXISTING WATER MAIN	—	EXISTING MANHOLE	
EXISTING GRAVITY MAIN	---	PROPOSED WATER MAIN	
EXISTING FORCE MAIN	---	PROPOSED GRAVITY MAIN	
EXISTING SEWER SERVICE	---	PROPOSED FORCE MAIN	



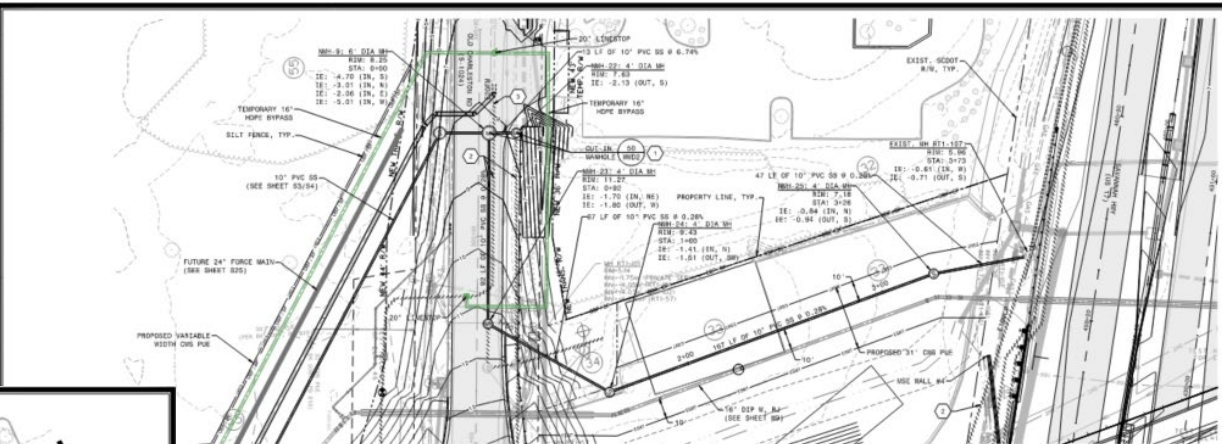
Charleston Water System
Water/Wastewater Utility Relocations for
Main Road Corridor Segment A Project
Johns Island, SC
Completion Date: Q1 2027
Size : 30", 24", 16", 12", 10", 8" and 6"
Water Mains; 10" and 8" Wastewater
Gravity Mains; 20", 6" and 4"
Wastewater Force Mains

Charleston Water System

**Water/Wastewater Utility Relocations for
Main Road Corridor Segment A Project
Johns Island, SC**

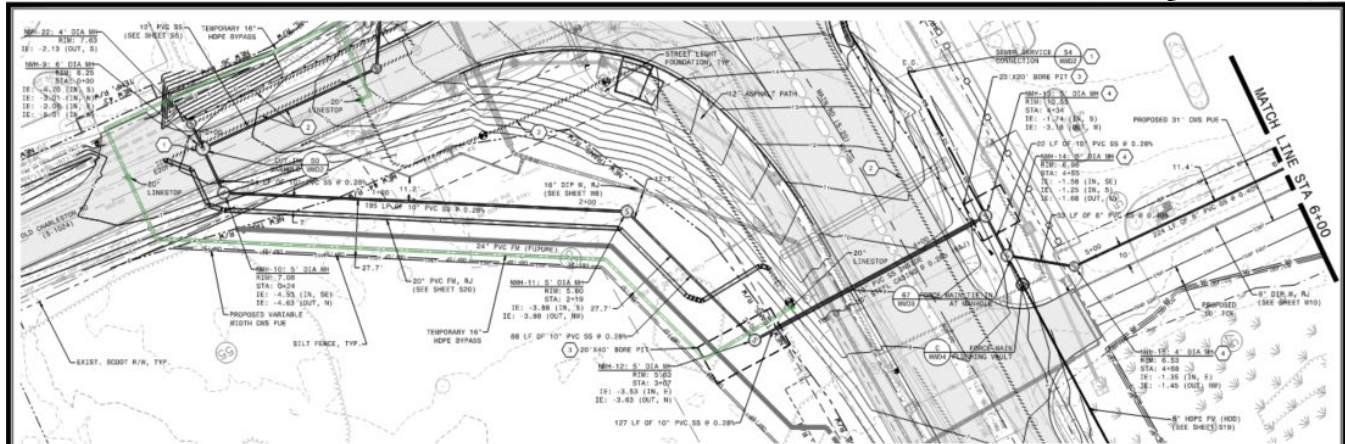
Completion Date: Q1 2027

**Size : 30", 24", 16", 12", 10", 8" and 6" Water Mains; 10" and 8"
Wastewater Gravity Mains; 20", 6" and 4" Wastewater Force Mains**



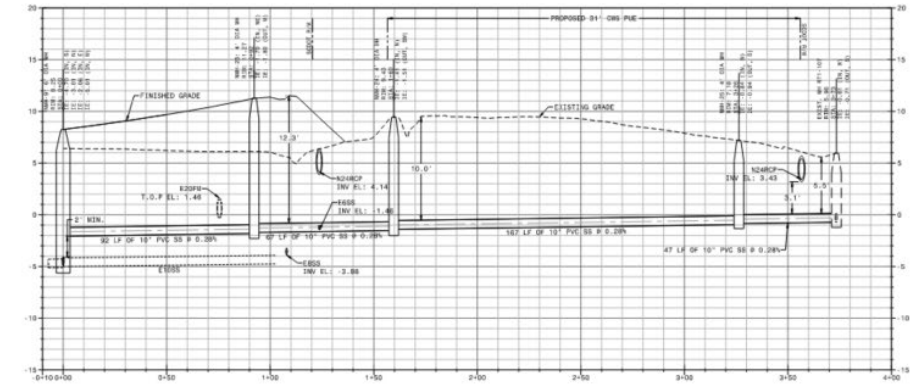
AND ELEVATION PRIOR TO CONSTRUCTION. NOTIFY
AGENCIES WITH DESIGN.
EXISTING SANITARY SEWER LINES TO BE ABANDONED SHALL BE DONE SO IN
UTILITY ACCOMMODATION MANUAL, LATEST EDITION.
FORCE MAINS AFTER CONNECTION OF RELOCATED 20"
STRUCT MMH-9.

PLAN - 10" GRAVITY MAIN
HORIZONTAL SCALE: 1" = 20'

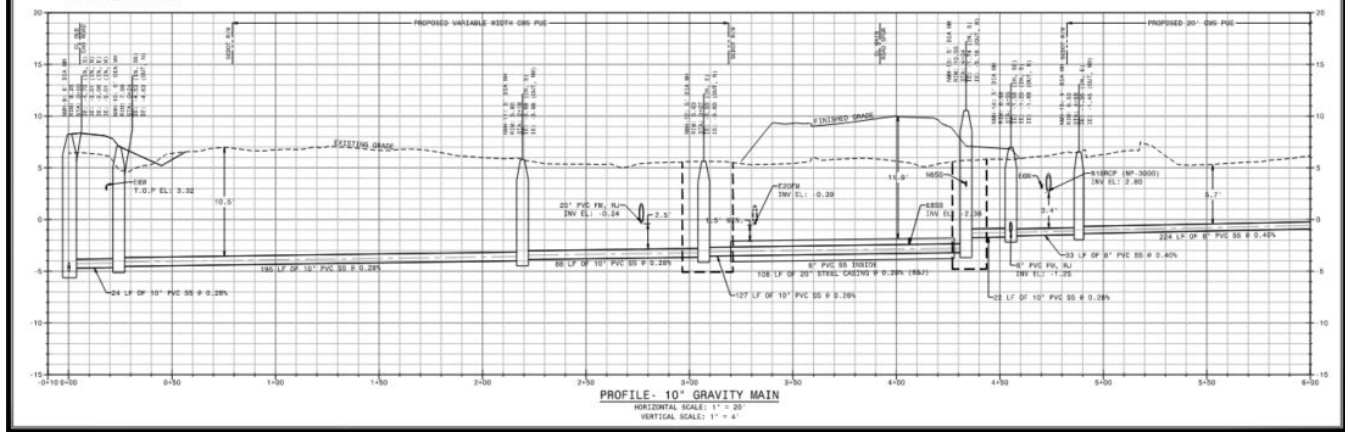


- KEY NOTES:**
1. FIELD VERIFY LOCATION AND ELEVATION PRIOR TO CONSTRUCTION. NOTIFY ENGINEER OF ANY DISCREPANCIES WITH DESIGN.
 2. EXISTING SANITARY SEWER LINES TO BE ABANDONED SHALL BE DONE SO IN ACCORDANCE WITH SCOTT UTILITY ACCOMMODATION MANUAL, LATEST EDITION.
 3. BORE AND JACK CONSTRUCTION PITS SHOWN ARE APPROXIMATE.
 4. EPOXY COAT MANDIBLE.

PLAN - 10" GRAVITY MAIN
HORIZONTAL SCALE: 1" = 20'



PROFILE - 10" GRAVITY MAIN
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 4'



PROFILE - 10" GRAVITY MAIN
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 4'

HUSSEY GAY BELL
— Established 1958 —

