



Charles/Craven Street and Port Republic Carteret Street Drainage Improvement Project

Public Meeting
April 26th, 2024



MEET THE TEAM

City of Beaufort (COB)

Phil Cromer, Mayor

Scott Marshall, City Manager

J.J. Sauve, Assistant City Manager and Capital Projects Director

Carrie Gorsuch, Engineering and Infrastructure Project Support Coordinator

South Carolina Office of Resilience (SCOR)

Pam Kendrick, Infrastructure Program Manager

Shauna Webb, Infrastructure Program Project Manager

Lisa Falta, Infrastructure Program Project Engineer

McCormick Taylor (MT)

Jason Hetrick, Project Manager

Kim Sitta, Environmental Permit Lead

Hassan Ismail, Drainage Design Lead



SOUTH CAROLINA OFFICE OF RESILIENCE (SCOR)

Office of the Governor

S.C. Office of Resilience

Disaster Recovery Division

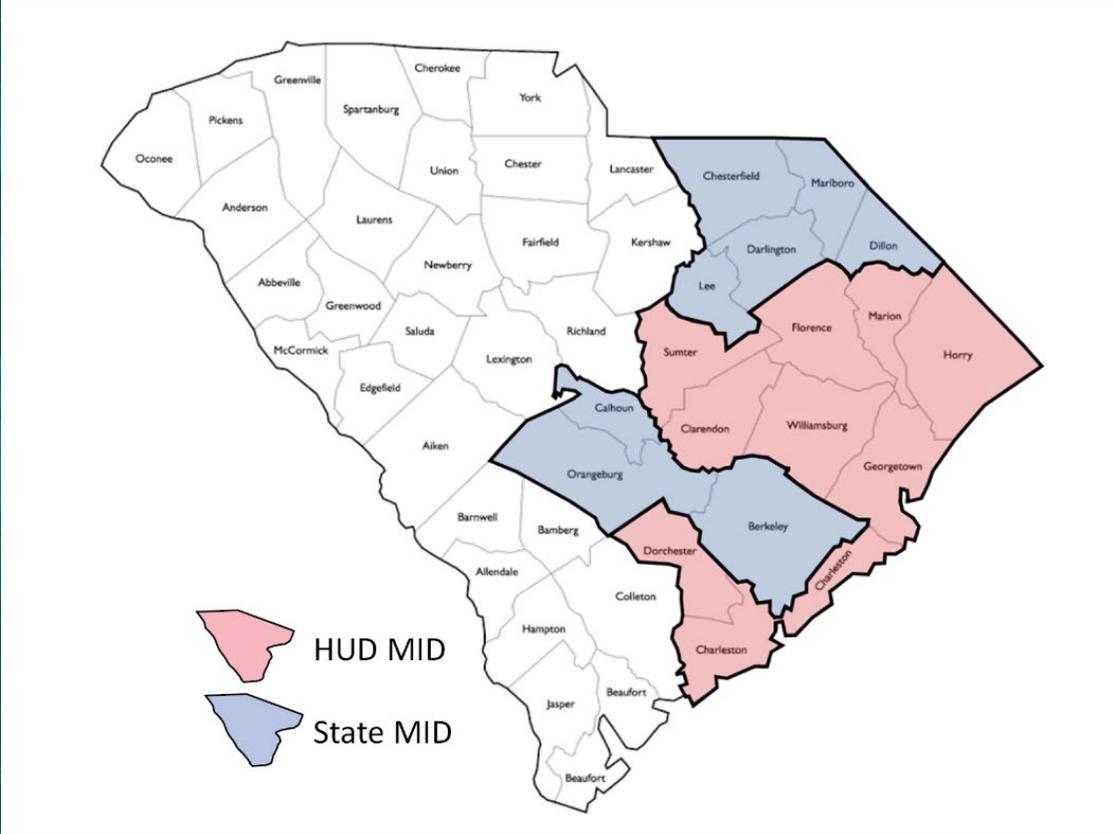
Mitigation Department

SCOR – HUD Grants

Department of Housing and Urban Development (HUD)

Community Development Block Grant – Disaster Recovery (CDBG-DR)

Community Development Block Grant – Mitigation (CDBG-MIT)



MID=Most Impacted and Distressed



DESIGN APPROACH



Project Limits



Project Considerations



Grand Trees and Landscaping



Waterfront Park Hardscaping

Project Considerations



Narrow Streets & Close Buildings

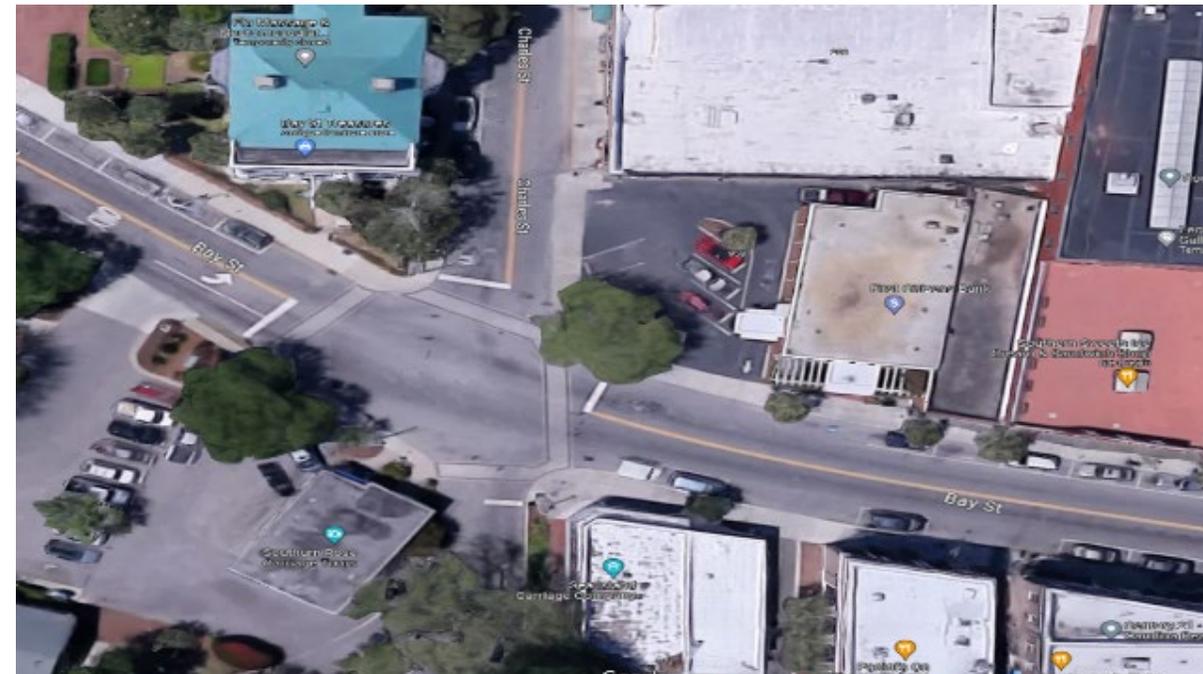


Utilities, Traffic, Signals & ADA

Project Considerations



Resident and Emergency Service Access

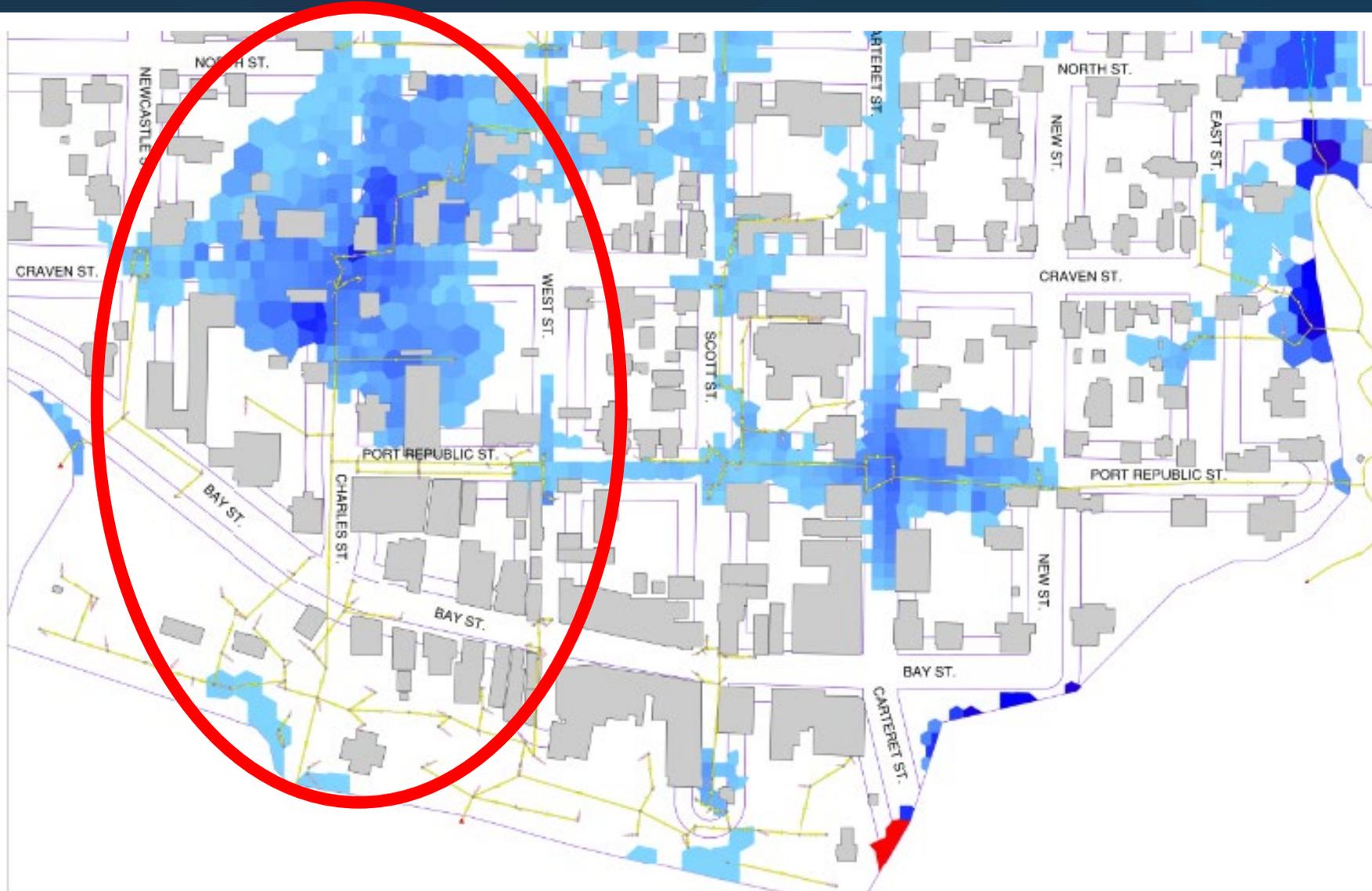


Maintenance of Traffic

CHARLES STREET



Current Conditions Flooding, 25-Year Storm: Charles/Craven



- ▲ Outfalls
- Junctions
- Orifices
- Weirs
- Storages
- Conduits
- 2D cells - Max. Depth (ft)
- Obstruction
- Bounding_PCSWMM



Design Approach

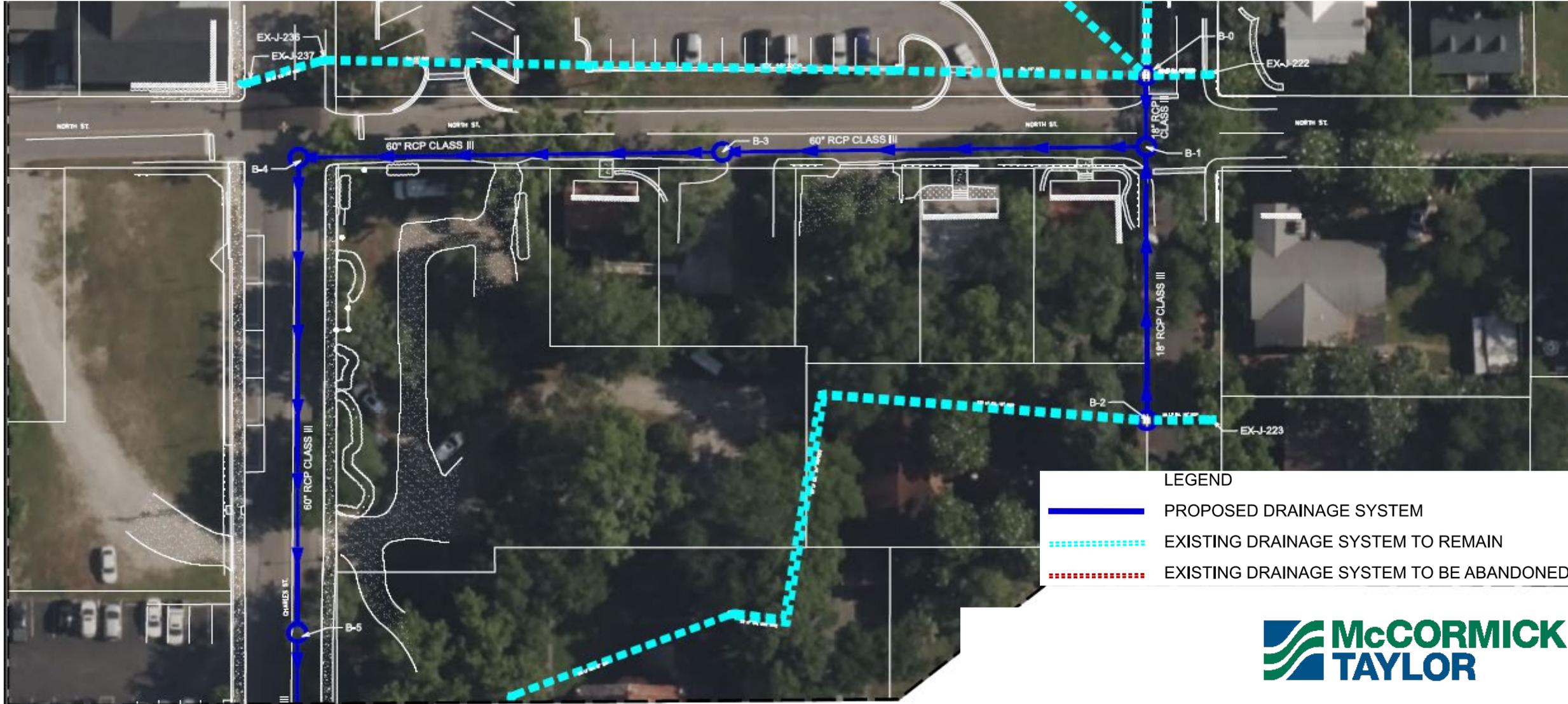


Charles St and Craven St

- Enlargement of trunk line along Charles St
- New stormdrain pipes along Charles St between North St and Craven St
- New stormdrain pipes along North St between Charles St and West St
- New stormdrain pipes along Craven St between Charles St and West St
- Identify areas to install water quality stormwater facilities
- Tidal gate installation at outfall



Proposed Improvements: Charles/Craven



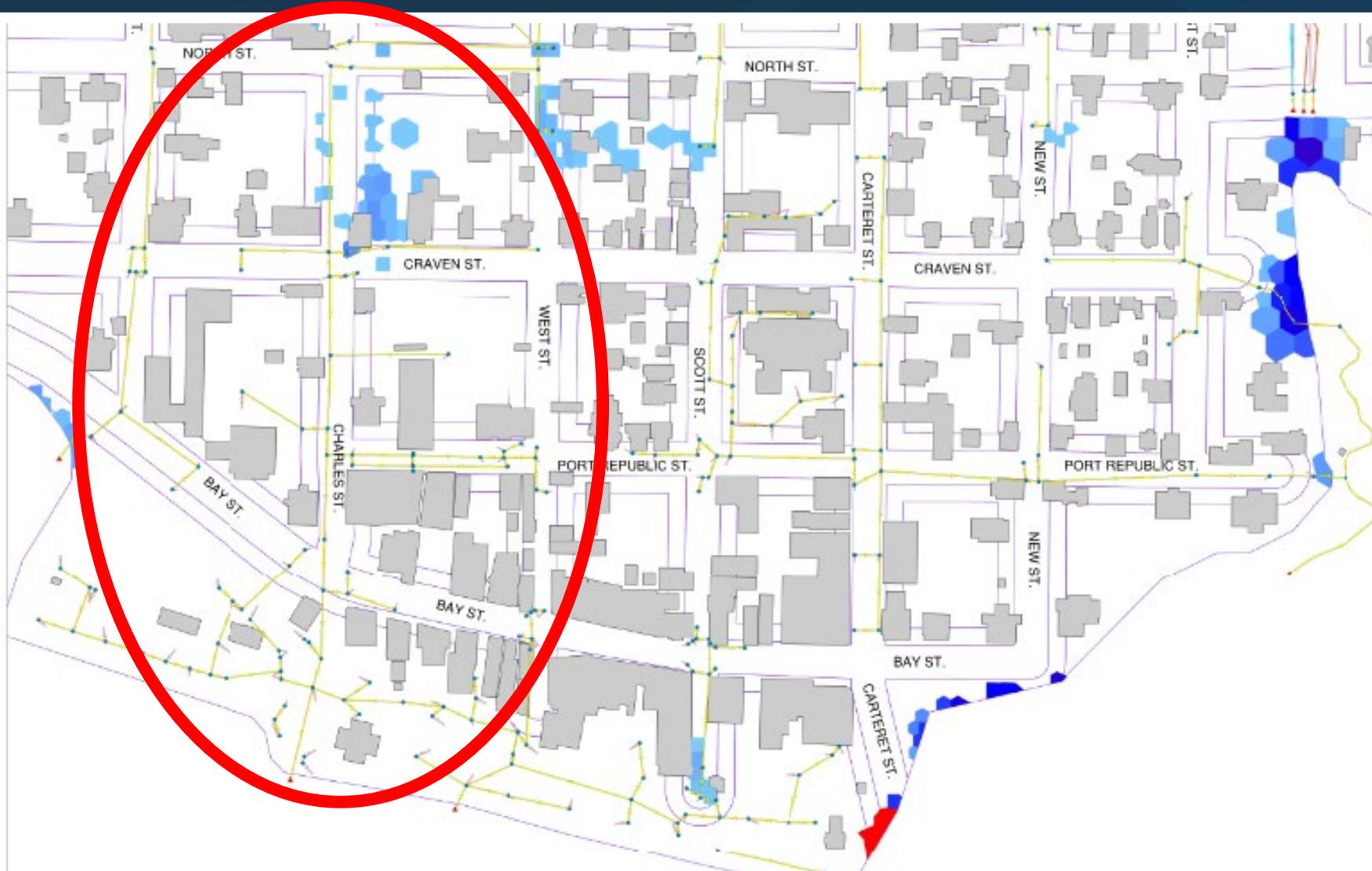
- LEGEND
- PROPOSED DRAINAGE SYSTEM
 - - - EXISTING DRAINAGE SYSTEM TO REMAIN
 - · · EXISTING DRAINAGE SYSTEM TO BE ABANDONED



Proposed Improvements: Charles/Craven



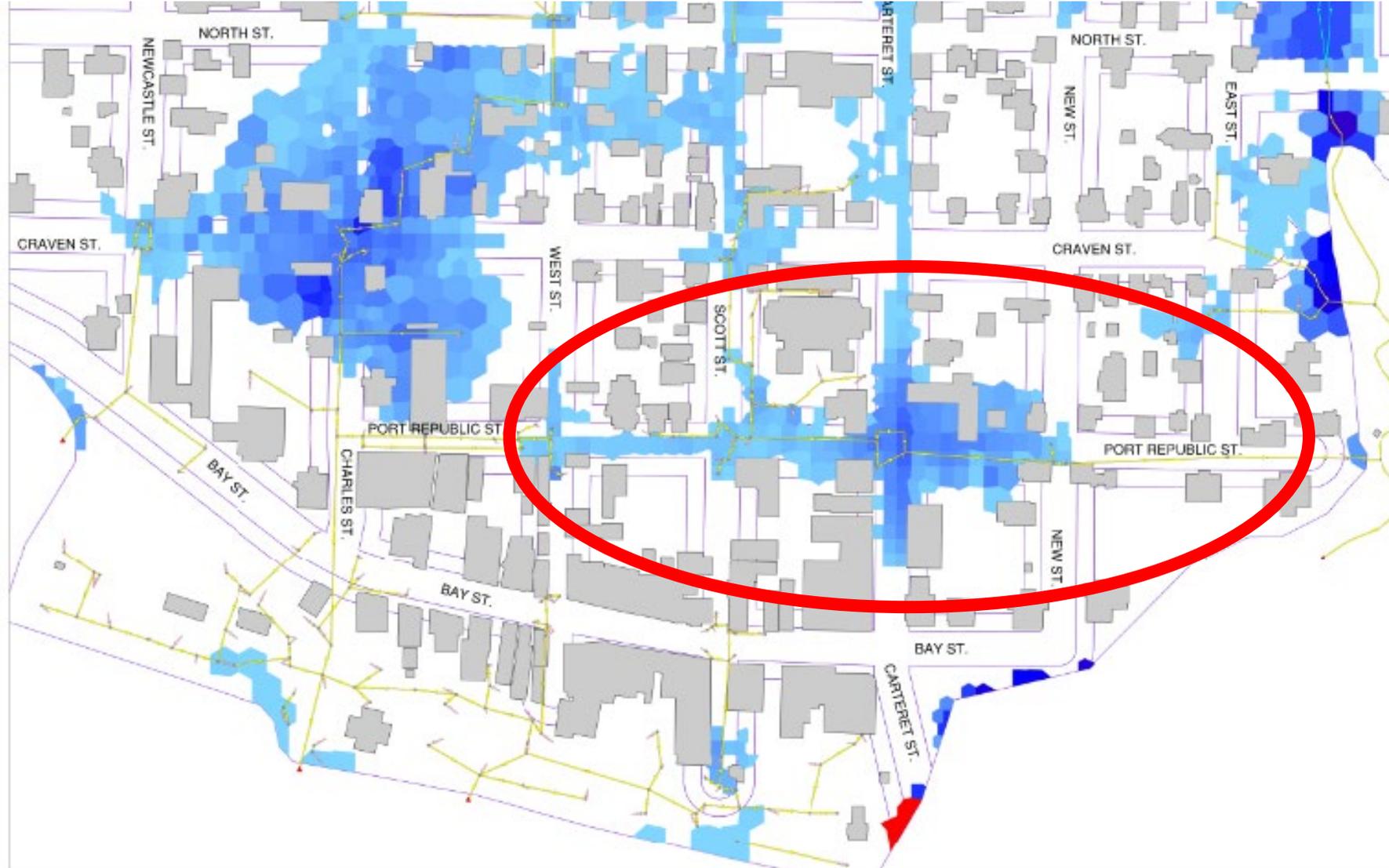
Proposed Conditions Flooding, 25-Year Storm: Charles/Craven



PORT REPUBLIC STREET



Current Conditions Flooding, 25-Year Storm: Port Republic/Carteret



- ▲ Outfalls
- Junctions
- Orifices
- Weirs
- Stages
- Conduits
- 2D cells - Max. Depth (ft)
- Obstruction
- Bounding_PCSWMM



Design Approach

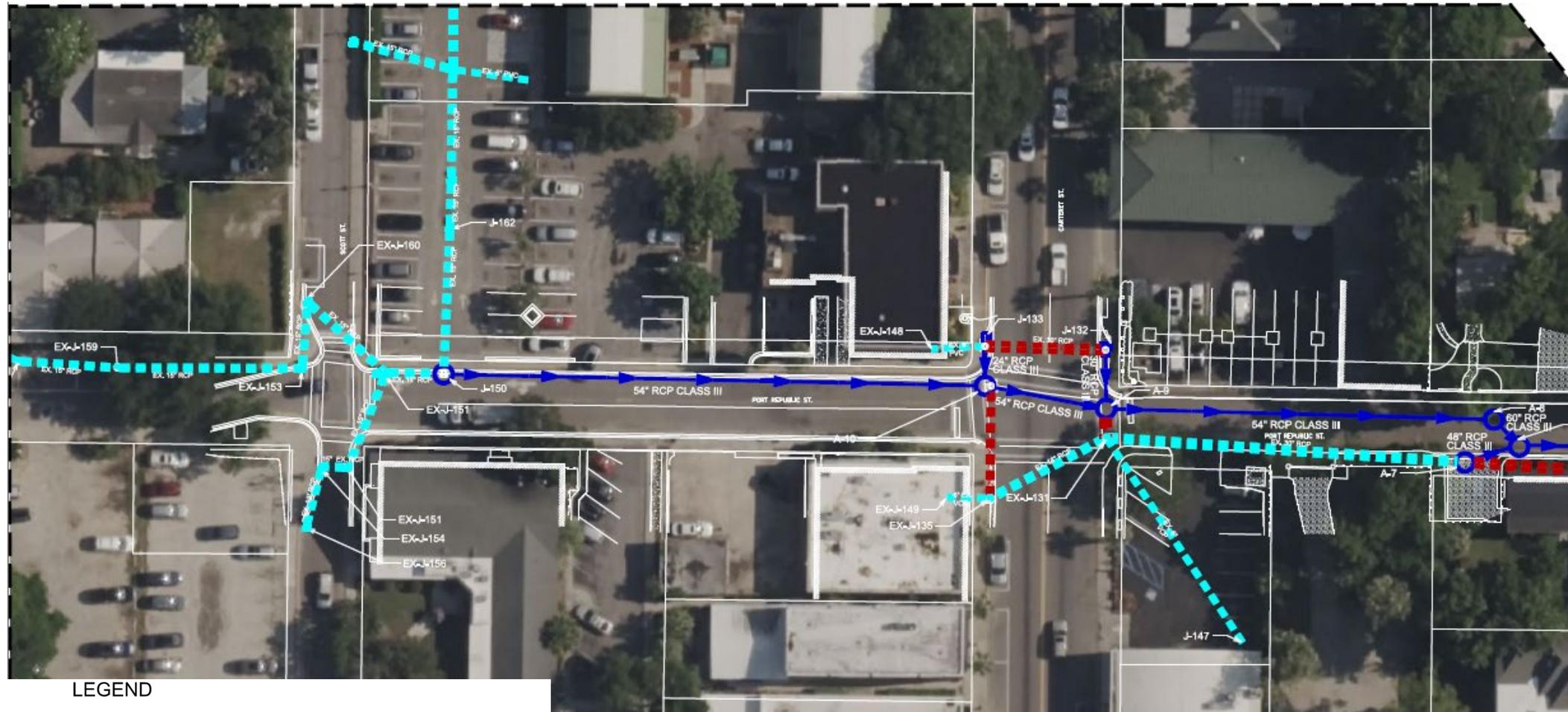


Port Republic St and Carteret St

- Enlargement of trunk line along Port Republic St.
- Connecting existing systems into new trunk line
- Confirmation that existing cross street drainage is adequate
- Identify areas to install water quality stormwater facilities
- Tidal gate installation at outfall
- Complex construction phasing due to narrow streets



Proposed Improvements: Port Republic/Carteret (1 of 2)



LEGEND

-  PROPOSED DRAINAGE SYSTEM
-  EXISTING DRAINAGE SYSTEM TO REMAIN
-  EXISTING DRAINAGE SYSTEM TO BE ABANDONED



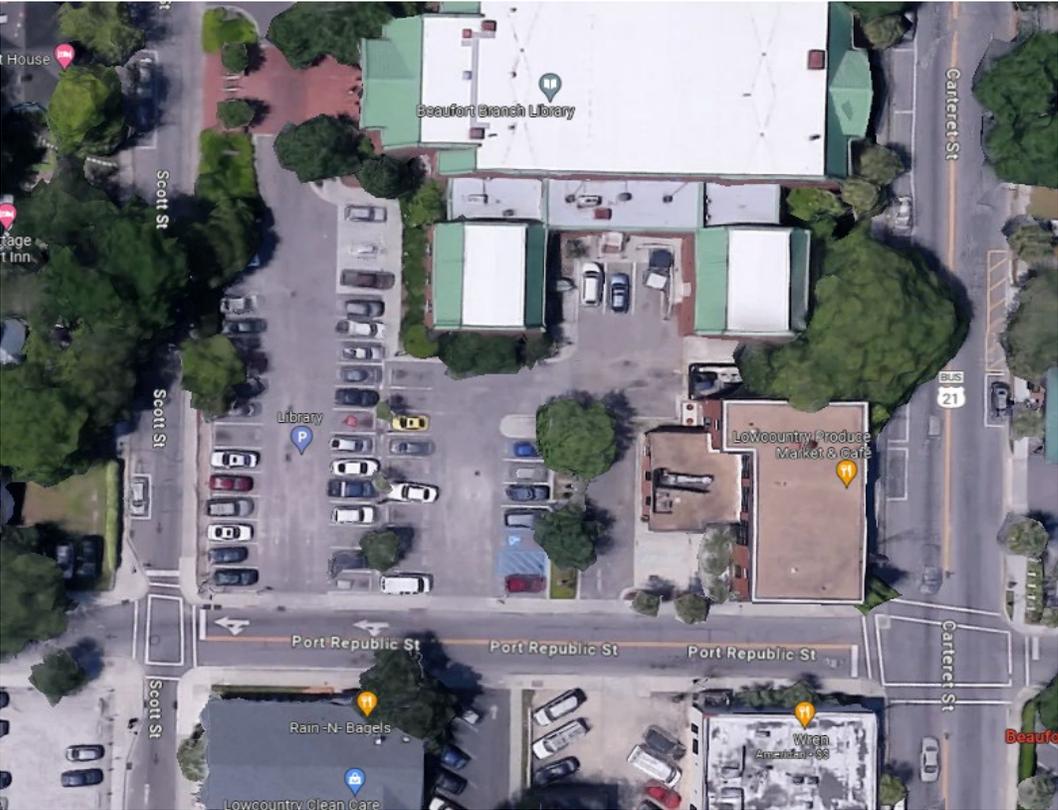
Proposed Conditions Flooding, 25-Year Storm: Port Republic/Carteret



- ▲ Outfalls
- Junctions
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- Storages
- Conduits
- 2D cells - Max. Depth (ft)
- Obstruction
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Water Quality Stormwater Facilities



City Parking Lot at Scott and Port Republic



City Parking Lot at Marina and Waterfront Park



Water Quality Stormwater Facilities



BIORETENTION



PERVIOUS PAVEMENT



STORMCEPTOR



PROJECT SCHEDULE

- **Design: Ongoing**
- **Final Design: Fall 2024**
- **Construction Advertisement: Late Fall 2024**
- **Construction Awarded: December 2024**
- **Construction Complete: May 2026**

QUESTIONS?

Project Contacts:

JJ Suave, City of Beaufort
jsauve@cityofbeaufort.org

Jason Hetrick, McCormick Taylor
Jmhetrick@mccormicktaylor.com

Shauna Webb, South Carolina Office of Resilience
shauna.webb@scor.sc.gov

FOR MORE
INFORMATION VISIT:

