



# UNION STREET IMPROVEMENT PROJECT CITY OF PORTSMOUTH, NH

Public Presentation: Pre-Construction Season 2

April 2, 2024

# PROJECT TEAM INTRODUCTIONS

- City of Portsmouth
  - Erich Fiedler, City Engineer
  - Zach Cronin, Assistant City Engineer: 603-610-7304
  - Dave Desfosses, Construction Project Manager
- Contractor
  - MAC Construction and Excavation
- Engineer
  - CMA Engineers, Inc.
- Resident Project Representative
  - John Turner Consulting

# AGENDA

- Review Purpose of Project
- Update Construction Status & Schedule
- Construction – What to Expect
- Traffic Control
- Resident Coordination
- Public Comment



PURPOSE OF  
PROJECT

- Eliminate storm and ground water from entering sewer system
- Reduce combined sewer overflows
- Required by EPA and NHDES
- Replace utilities:
  - Water mains & services,
  - Sewer mains & services
  - Storm drainage
- Reconstruct streets and sidewalks



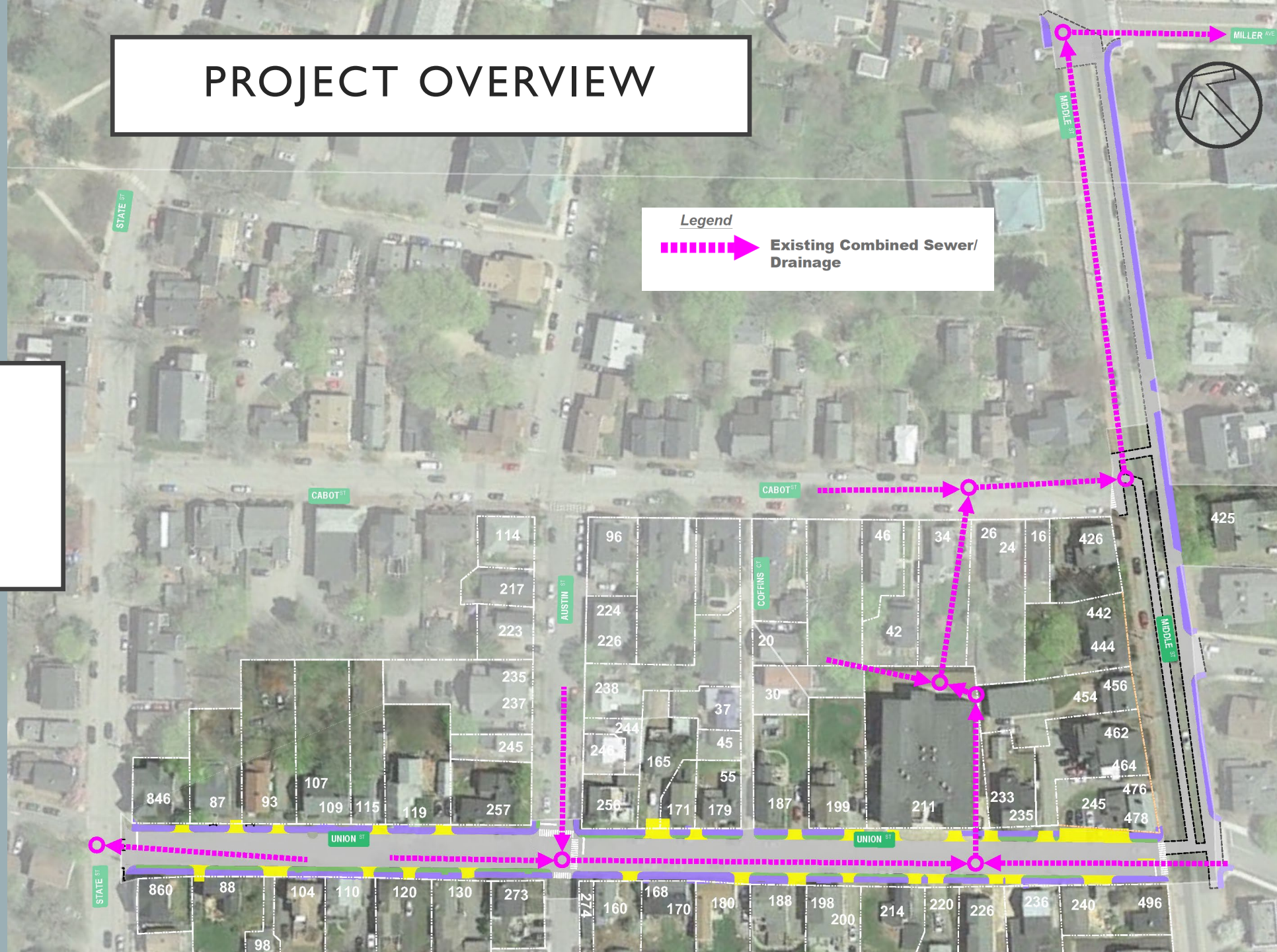
PROJECT  
OVERVIEW

- Storm drain line replacement on Middle St to accommodate Union St - *Completed*
- Drainage, sewer, and water upgrades on Union St – *Completed Middle to Austin Street*
- Separate stormwater and sewer on Union St – *Completed*
- Full road & sidewalk reconstruction on Union St – *spring/summer 2024*

# PROJECT OVERVIEW

## EXISTING COMBINED SEWER & DRAINAGE





**Legend**  
Existing Combined Sewer/ Drainage





# PROJECT OVERVIEW

## Legend

-  Proposed Drainage
-  Proposed Sewer
-  Back Lot Sewer
-  Replumb Sewer Service Area

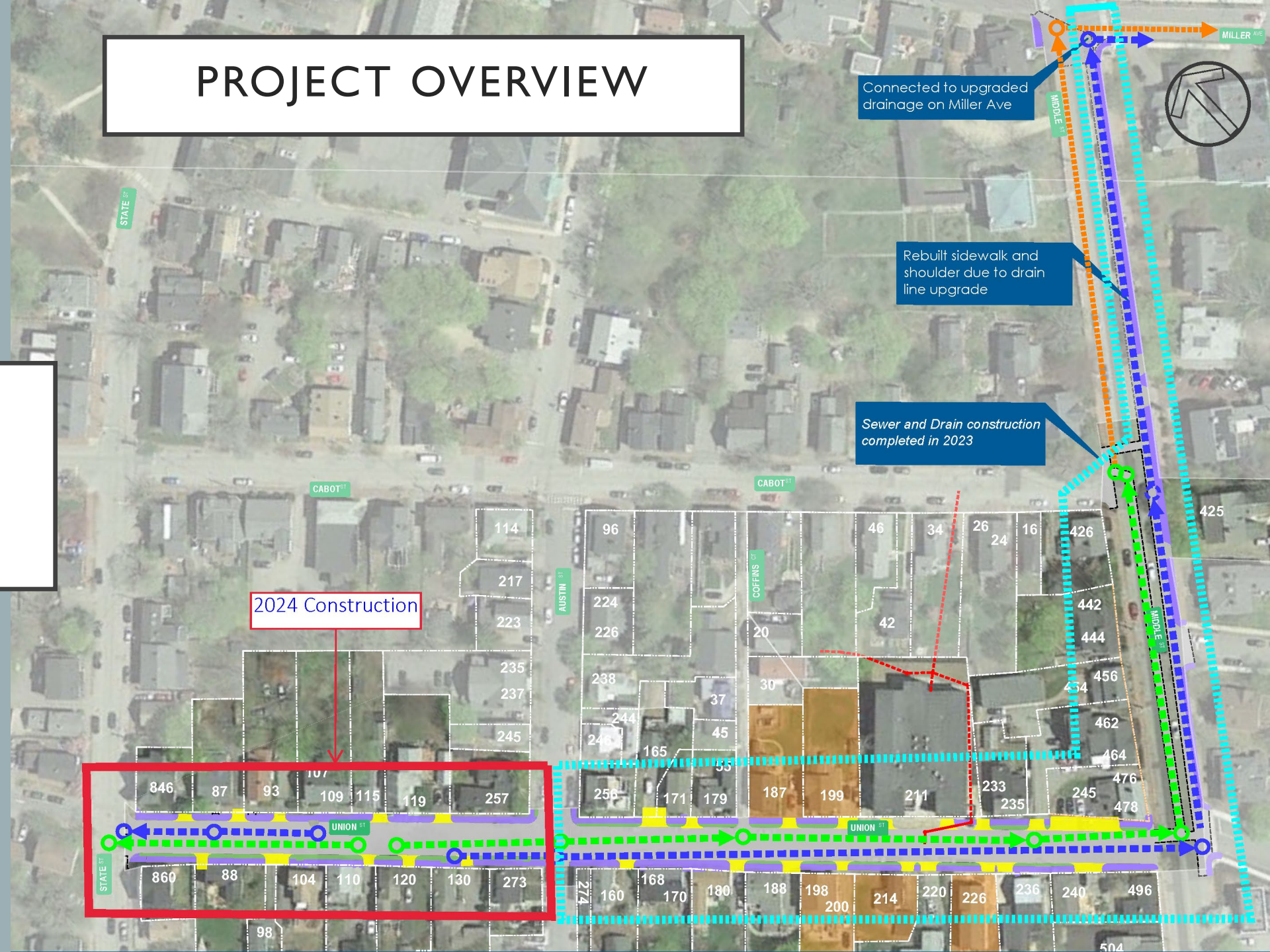
## PROPOSED SEPARATED SEWER & DRAINAGE

2024 Construction

Connected to upgraded drainage on Miller Ave

Rebuilt sidewalk and shoulder due to drain line upgrade

Sewer and Drain construction completed in 2023





# PROJECT OVERVIEW

- Legend**
- Proposed Pavement
  - Driveways
  - Proposed Sidewalks
  - Proposed Grass Area
  - Tree to Remain
  - Tree to be Monitored During Construction
  - Tree to be Removed
  - Crosswalk

## ROADWAY & SIDEWALK LAYOUT





# CONSTRUCTION SCHEDULE



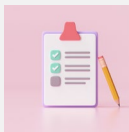
Utility and drain work complete on  
Middle Street and Union St to Austin St



Base paving completed on Union St to  
Austin St



Construction restarts.....*April*



Basement Inspections  
(Access Required).....*April 15-17*

# CONSTRUCTION SCHEDULE



Mobilize Equipment.....*April 23*



Temporary Water.....*April 29-May 3*



Excavation..... May & June



Sidewalks/Paving..... June & July



Construction ends.....*August 2024*

## INITIAL CONSTRUCTION - WHAT TO EXPECT

- Work hours: 7am-6pm, M-F
- Union St: Utility trenching Austin St to State St
  - Requires coordination with residents for driveway impacts & water service interruptions



## INITIAL CONSTRUCTION - WHAT TO EXPECT

- Union Street: water, sewer, and drainage replacement
  - Temporary Water Mains
    - Required to provide service while replacing utilities
    - Water mains & services on the ground surface
    - Connected service to your curb stop
    - Temporary pipes are disinfected and tested
    - Short duration (<4 hr) water shutdowns (48 hr notice)
  - Requires coordination with residents for basement access for sewer services
  - Requires full road reconstruction



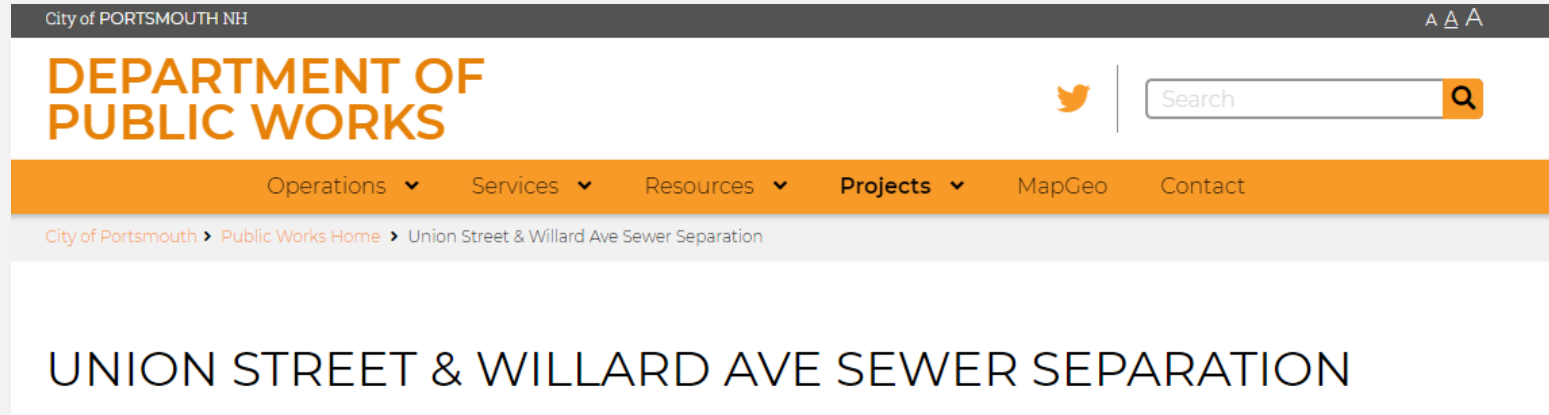
## TRAFFIC CONTROL

- One-way alternating traffic around construction zone
- Signage & flaggers
- Notify resident day before driveway closure
- Control dust/sweep streets
- Emergency vehicle access at all times

## RESIDENT COORDINATION

- Notify in advance: (planned) water shutdowns; blocked driveways; and service connections
- Resident concerns during construction
- First point of contact: John McCarthy, Resident Project Representative (603) 498-0298
- Zach Cronin, E.I.T., Assistant City Engineer (603) 610-7304
- City website project updates





## PUBLIC INFO AND OUTREACH

- City Website:  
<https://www.cityofportsmouth.com/publicworks/union-street-willard-ave-sewer-separation>
- Email signup for notifications

## PUBLIC COMMENT

- Questions?
- Comments?
- Concerns?

