



UNION STREET SEWER SEPARATION PROJECT CITY OF PORTSMOUTH, NH

Public Engagement Meeting #1

February 1, 2022

INTRODUCTIONS – WHO IS INVOLVED?

- City Staff
- Engineering Consultants
- Stakeholders



AGENDA

- Purpose of Meeting
- Project Limits
- Purpose of Project
- Work Completed to Date
- Preliminary Schedule
- Public Information and Outreach
- Public Comment

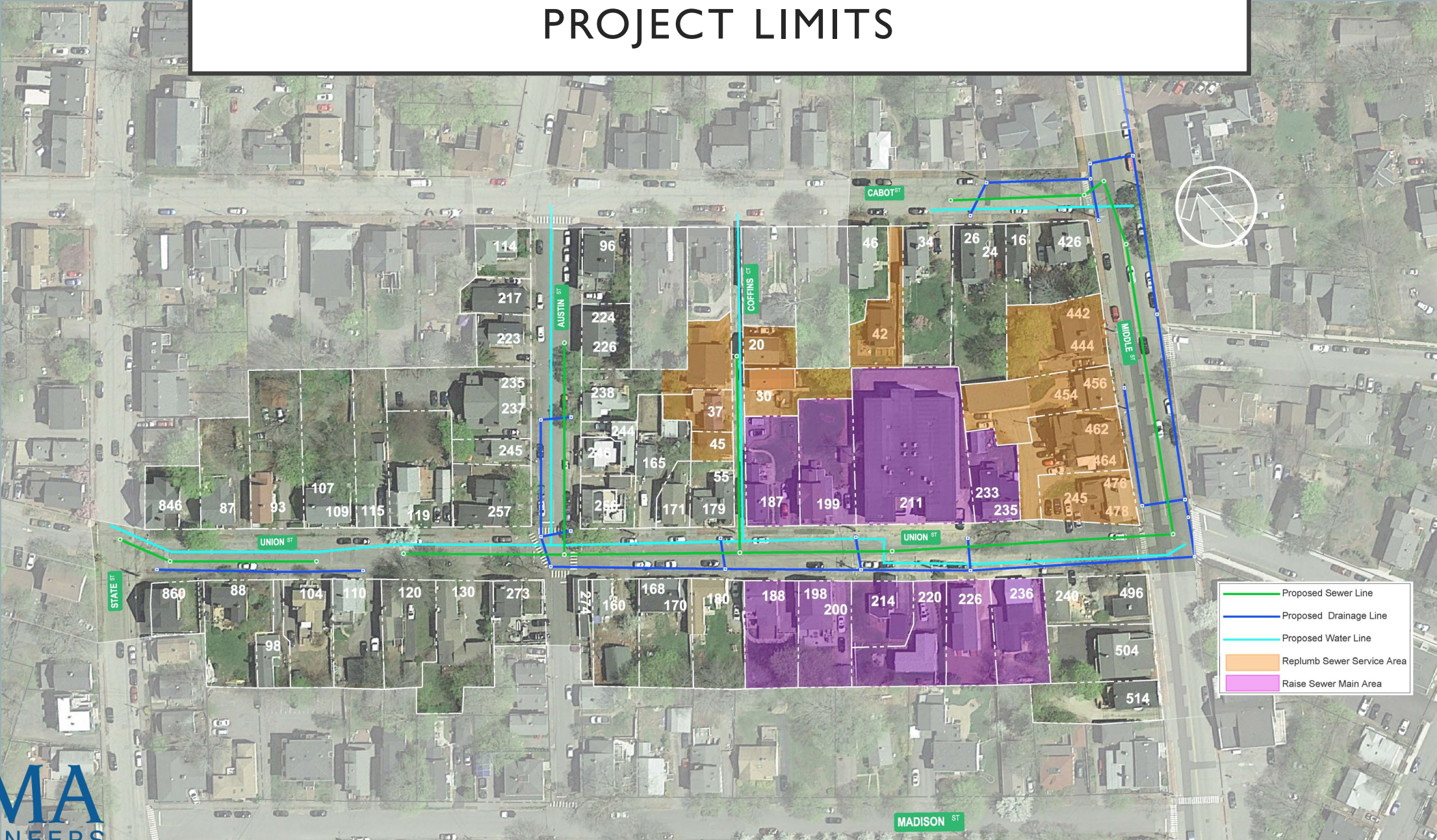




PURPOSE OF
MEETING

- Explain project scope
- Solicit residents' concerns and ideas prior to design
- Notify and describe upcoming basement surveys

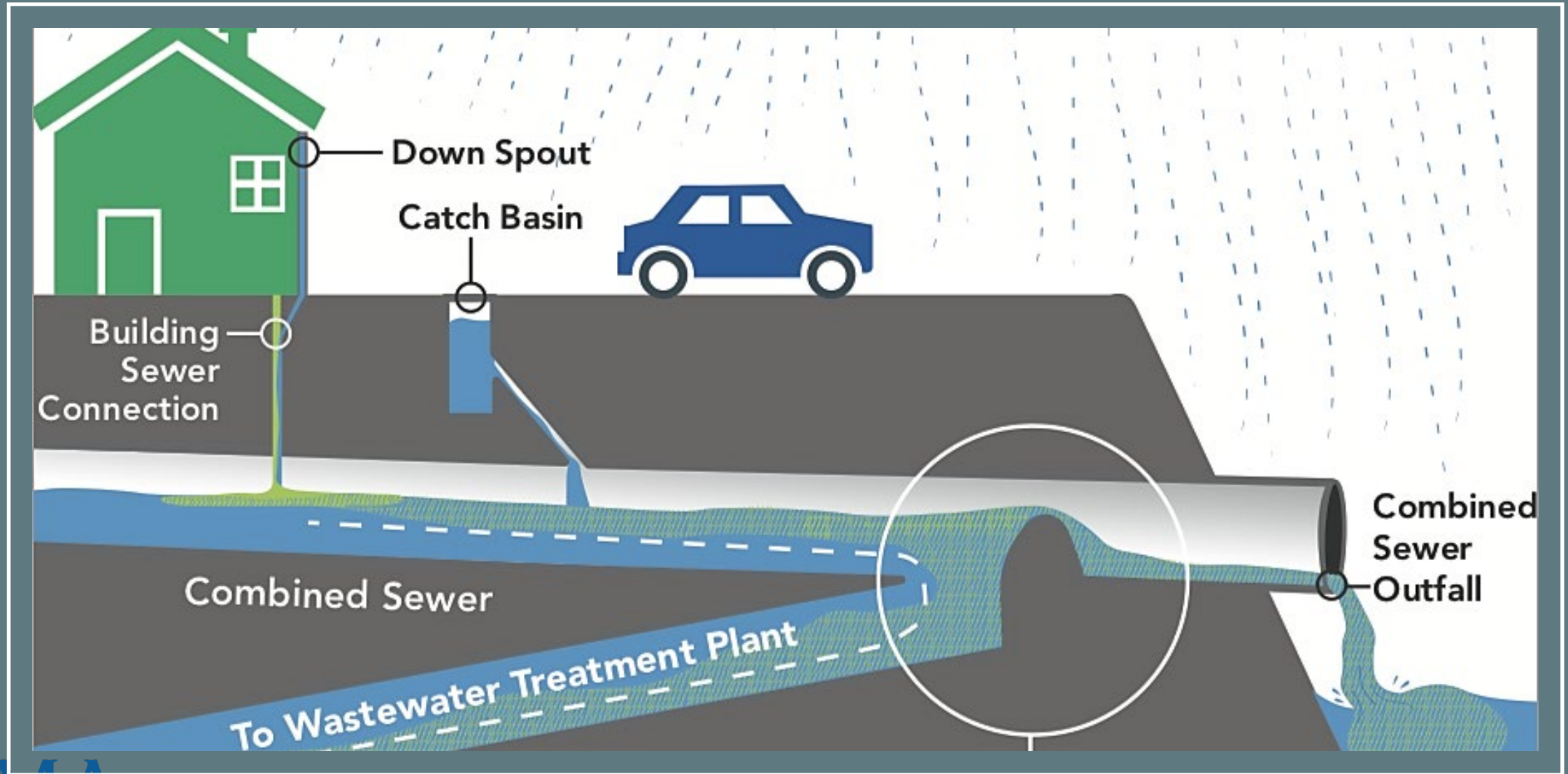
PROJECT LIMITS





PURPOSE OF
PROJECT

- Separate flows from the sanitary sewer and storm drains
- Reduce combined sewer overflows
- Required by EPA and NHDES
- Reconfigure “backlot” services
- Replace utilities:
 - Water mains & services,
 - Sewer mains & services
 - Storm drainage
- Incorporate LID stormwater treatment
- Reconstruct streets and sidewalks



<https://www1.nyc.gov/site/dep/water/combined-sewer-overflows.page>



SIDEWALKS



DRAINAGE

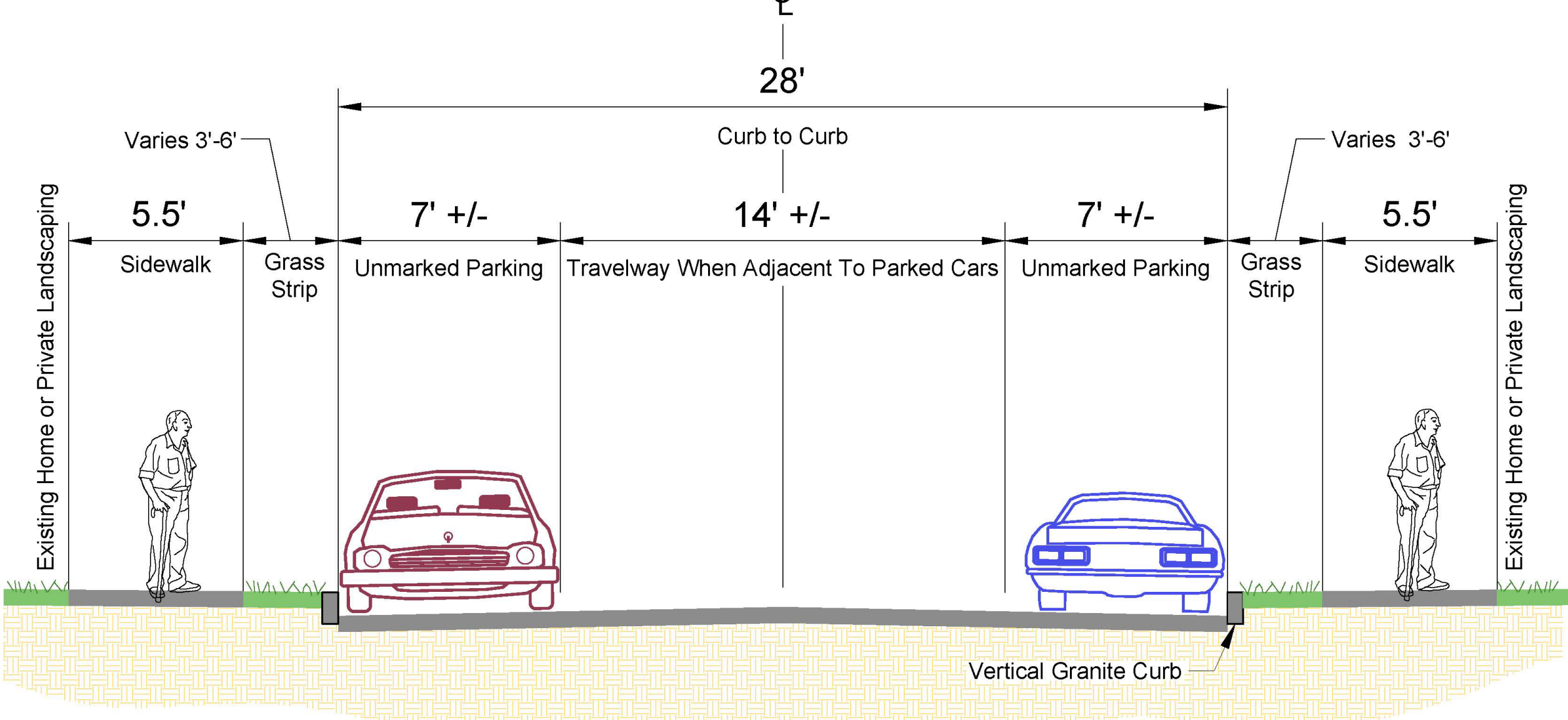


TREE ASSESSMENT &
LANDSCAPING





COFFINS COURT



**CONCEPTUAL ROADWAY CROSS SECTION
(EXISTING UNION ST SECTION SOUTHEAST OF MIDDLE ST)**

UNION STREET



BEFORE



AFTER




WORK
COMPLETED
TO DATE

- Site investigation
- Topographic survey of Union Street and surrounding streets
- Conceptual layout of sewer and drainage



UPCOMING
WORK

- 
- Basement surveys
 - Geotechnical investigation (borings)



BASEMENT SURVEYS

- Identify configuration of sewer service and basement drains.
- Sump pump or floor drains?
- Identify and develop plan for homes where the sewer service needs to be reconfigured (backlot sewer main connection to street connection).



BASEMENT SURVEYS

- Two-person team with vest, face mask, and identification
- Knock on doors
- Or schedule: Christine Berger, DPW Administrative Assistant, at CMBerger@cityofportsmouth.com or at 603-766-1446.

BASEMENT SURVEYS

BUILDING SURVEY FORM

Municipality: _____ Job Number: _____
Subsystem: _____ Address: _____ Interviewer: _____
Residential: _____ # of Families: _____ Commercial/Industrial _____
Initial Date: _____ Follow Up Date: _____ Follow Up Date: _____ House Vacant: _____
Initial Time: _____ Follow Up Time: _____ Follow Up Time: _____ Not Admitted: _____
No One Home @ 3rd: _____ Inspection Compl.: _____

1. AT WHAT LEVEL DOES THE SEWER PIPE EXIT THE BUILDING STRUCTURE?

_____ Above the floor level approximately _____
_____ Below floor level at unknown depth
_____ Below floor level approximately _____
_____ Cannot locate

COMMENTS:

2. IS THERE A SUMP PUMP IN THE BASEMENT? Yes: _____ No: _____

3. IF YES, WHERE DOES THE PUMP DISCHARGE?

Sanitary Sewer _____ Ground Surface _____ Other _____ Unknown _____

COMMENTS:

4. ARE THE FOLLOWING PRESENT WHICH COULD COLLECT WATER FROM THE BASEMENT FLOOR?

OPEN CLEANOUT BASEMENT DRAIN OPEN PIPE SUMP PIT ACCESS PIT

Yes: _____ No: _____ Yes: _____ No: _____ Yes: _____ No: _____ Yes: _____ No: _____ Yes: _____ No: _____

COMMENTS:

BASEMENT SURVEYS

5. ARE ANY OF THE FOLLOWING PRESENT OUTSIDE OF THE BUILDING?

* (Put Qty observed in spaces marked with *)

Possible Flat Roof Drain System: Yes: ____
No: ____

RL Into Ground * ____ RL Into Foundation * ____ RL Onto Surface * ____
Roof Leader or Flat Roof Drain Comments:

Yard Drain: Yes ____ Window Well Drain: Yes ____ Stairwell Drain: Yes ____ Driveway Drain: Yes ____
No ____ No ____ No ____ No ____

Outside Drain Comments:

6. GENERAL COMMENTS:

SKETCH OF FINDINGS:
(Looking from Street)

B

L

R

- YD - Yard Drain
- DWD - Driveway Drain
- SWD - Stairwell Drain
- WWD - Window Well Drain
- SP - Sump Pump
- OC - Open Cleanout
- BD - Basement Drain
- SPit - Sump Pit, No Pump
- > - Sewer Exiting Building

Roof Leader Symbols

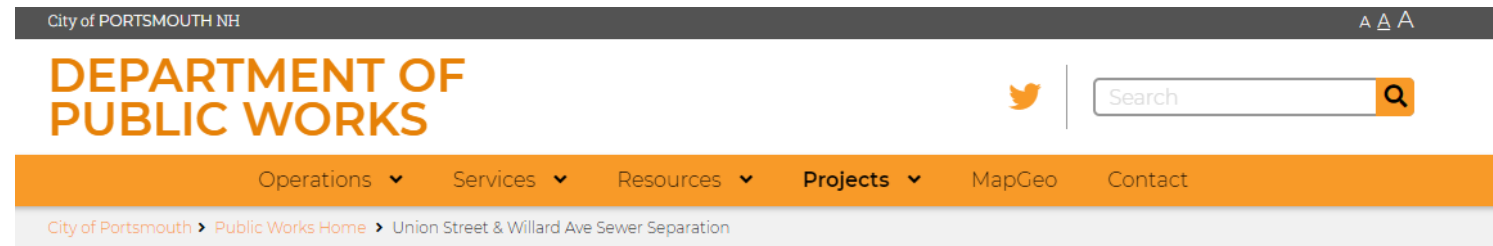
- Onto Surface
- Into Surface
- ⊙ Enters Foundation

SCHEDULE

- Basement Surveys.....*Next week*
- Borings.....*February*
- Preliminary Design.....*Feb – May*
- Second Public Meeting.....*April/May*
- Preliminary Design Done...*June*
- Final design.....*Summer/Fall*
- Construction starts.....*Spring 2023*

PUBLIC INFO
AND
OUTREACH

- **First Public Meeting**
 - Today's meeting – gather public input
- **Second Public Meeting**
 - Present preliminary design
 - Scheduled for April or May
- **City Website:**
<https://www.cityofportsmouth.com/publicworks/union-street-willard-ave-sewer-separation>
- **Email signup for notifications**



UNION STREET & WILLARD AVE SEWER SEPARATION

PUBLIC COMMENT

- Questions?
- Comments?
- Concerns?
- Suggestions?

