

Planning Phase Fleet Street Reconstruction Project City of Portsmouth, NH

Public Introduction Meeting



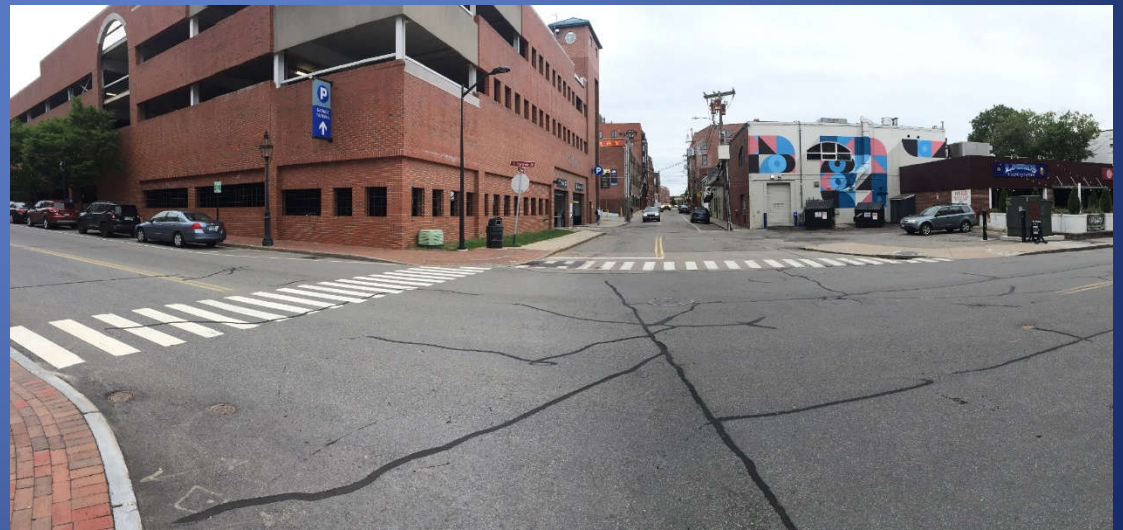
September 9, 2020

Purpose of Meeting

- Introduce the Project
 - Purpose of Project
 - Describe Scope/Limits
- Describe Planning Approach
 - Data Collection
 - Field Work
 - Public Involvement
- Present Targeted Schedule

Agenda

1. Project Team
2. Background
3. Project Scope and Approach
4. Public Information & Participation
5. Contacts and Resources
6. Project Schedule
7. Questions



Introduction Meeting

What Do We Mean?

- Describe next 12-months
- Explain process and goals
- Introduce field efforts
- No concepts or design

Project Team

City of Portsmouth

- Ryan Flynn, PE, Project Manager
- Peter Rice, PE, Public Works Director
- Terry Desmarais, PE, City Engineer
- Eric Eby, PE, Transportation Engineer
- Dave Desfosses, Construction Manager
- Stephanie Seacord, Public Outreach Coordinator

Underwood Engineers, Inc.

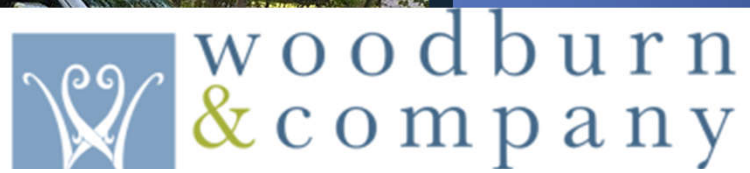
25 Vaughan Mall

- Keith Pratt, PE, President
- Dan Rochette, PE, Project Manager
- Cole Melendy, PE, Technical Leader
- Phil Macdonald, PE, Technical Leader
- Joshua Teixeira, Project Engineer



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Project Team



**R.W. Gillespie
& Associates**

- Geotechnical Engineering
- Environmental Consulting
- Materials Testing Services



Project Background

- EPA Consent Decree
- Fleet Street Sewer Separation required by October 2023

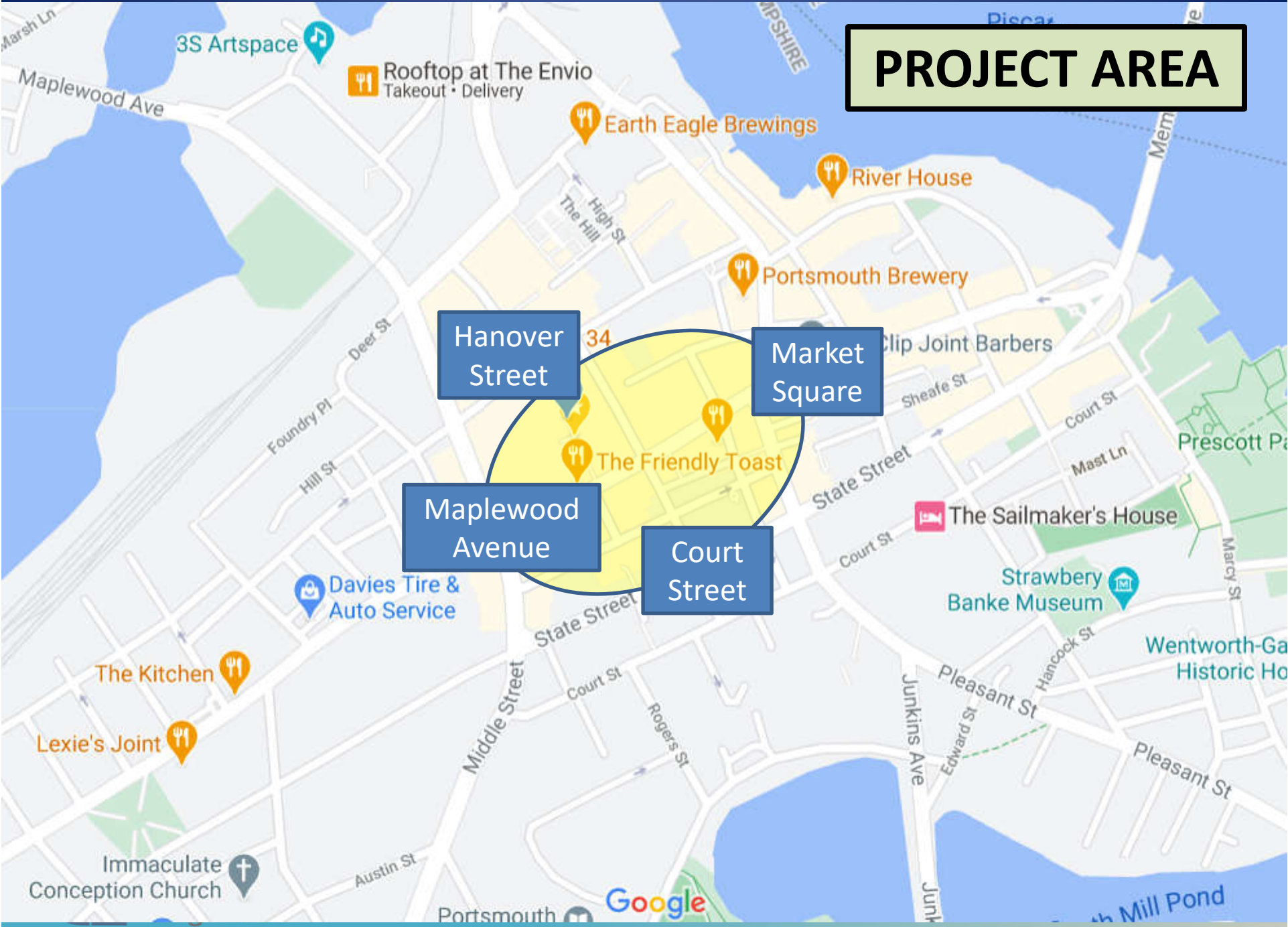


CSO Supplemental Compliance Plan

City of Portsmouth, NH
December 22, 2017

Scope of Project

PROJECT AREA



Hanover Street

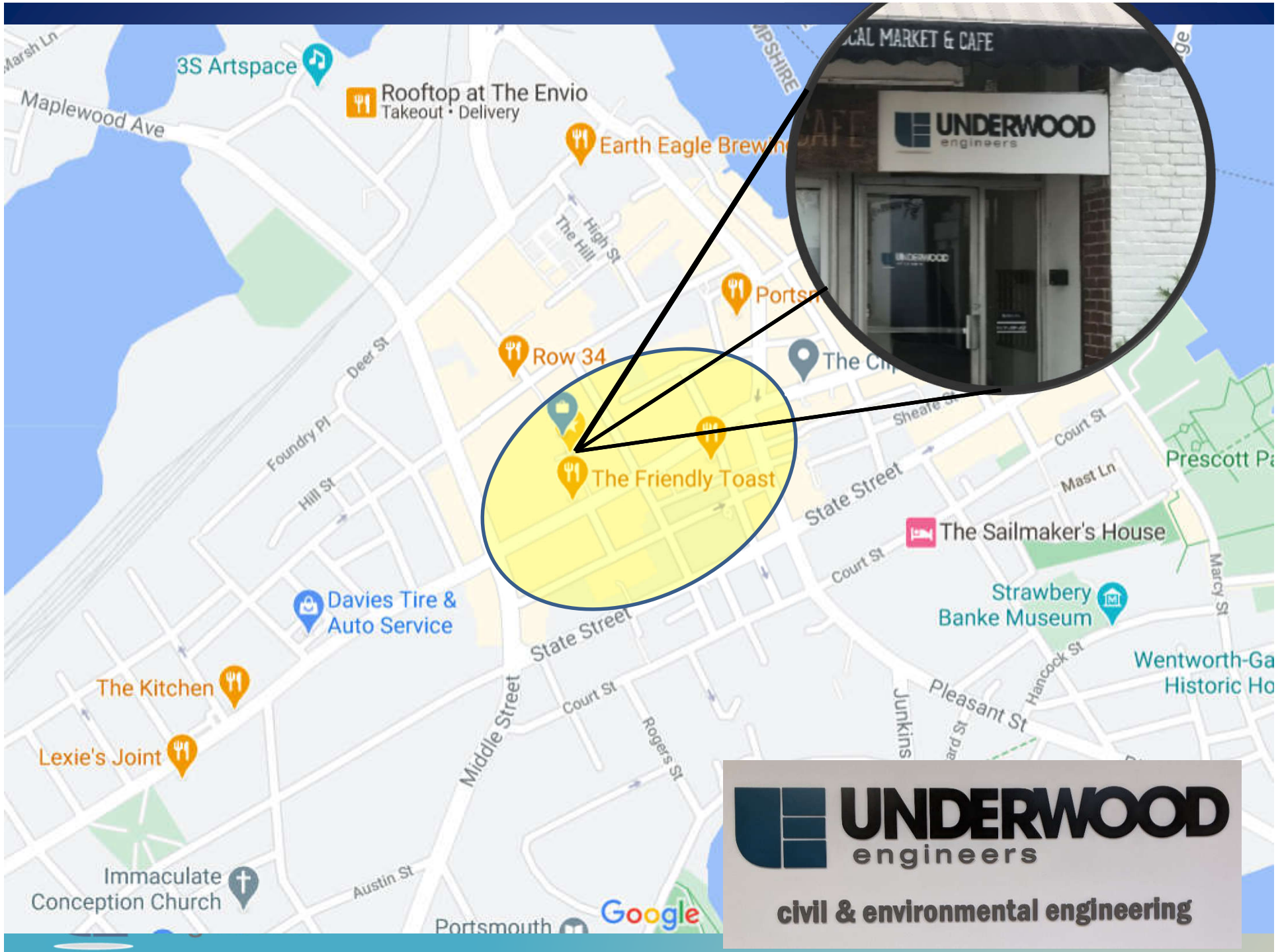
Market Square

Maplewood Avenue

Court Street

The Friendly Toast

34



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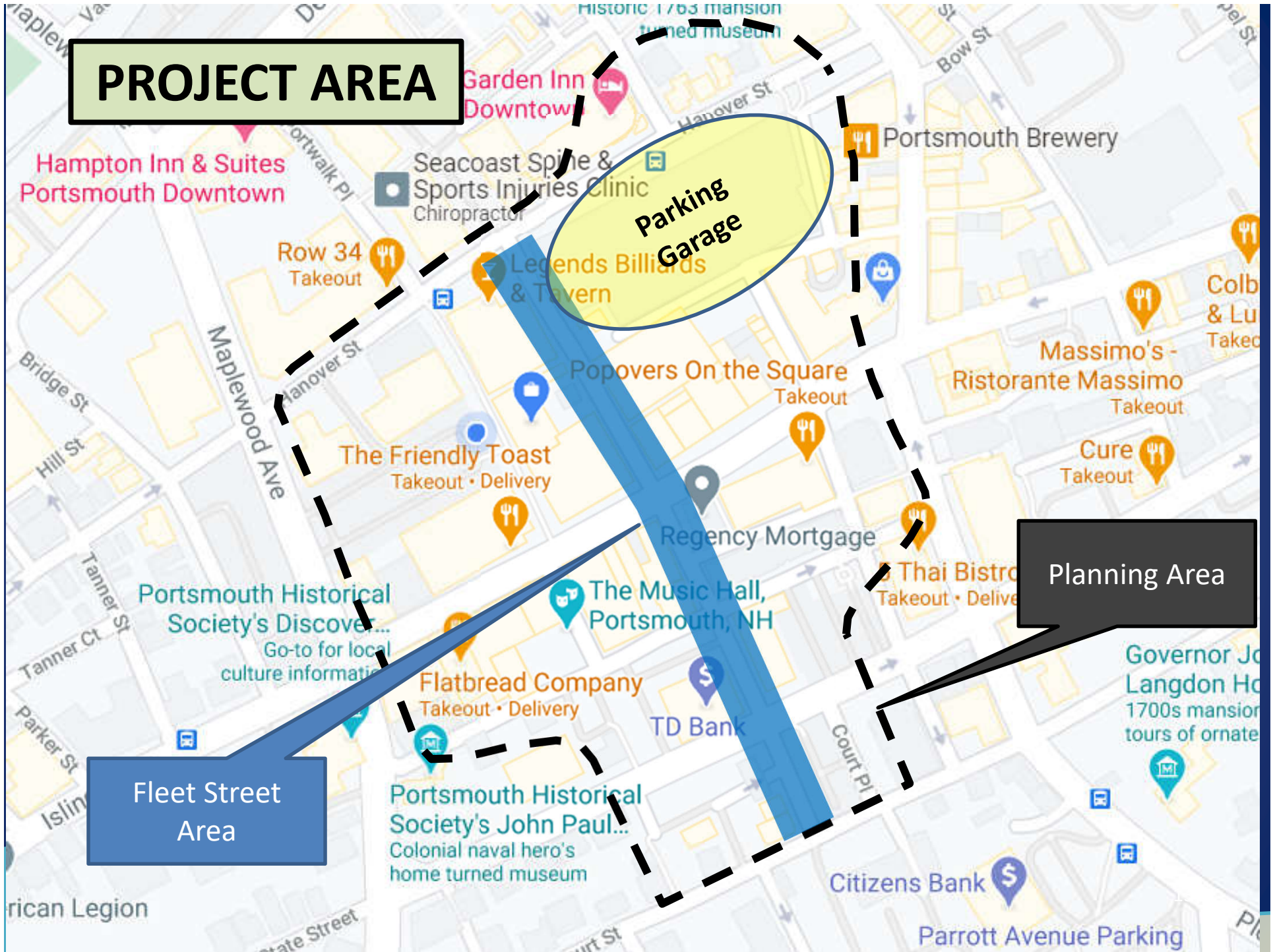
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PROJECT AREA

Parking Garage

Planning Area

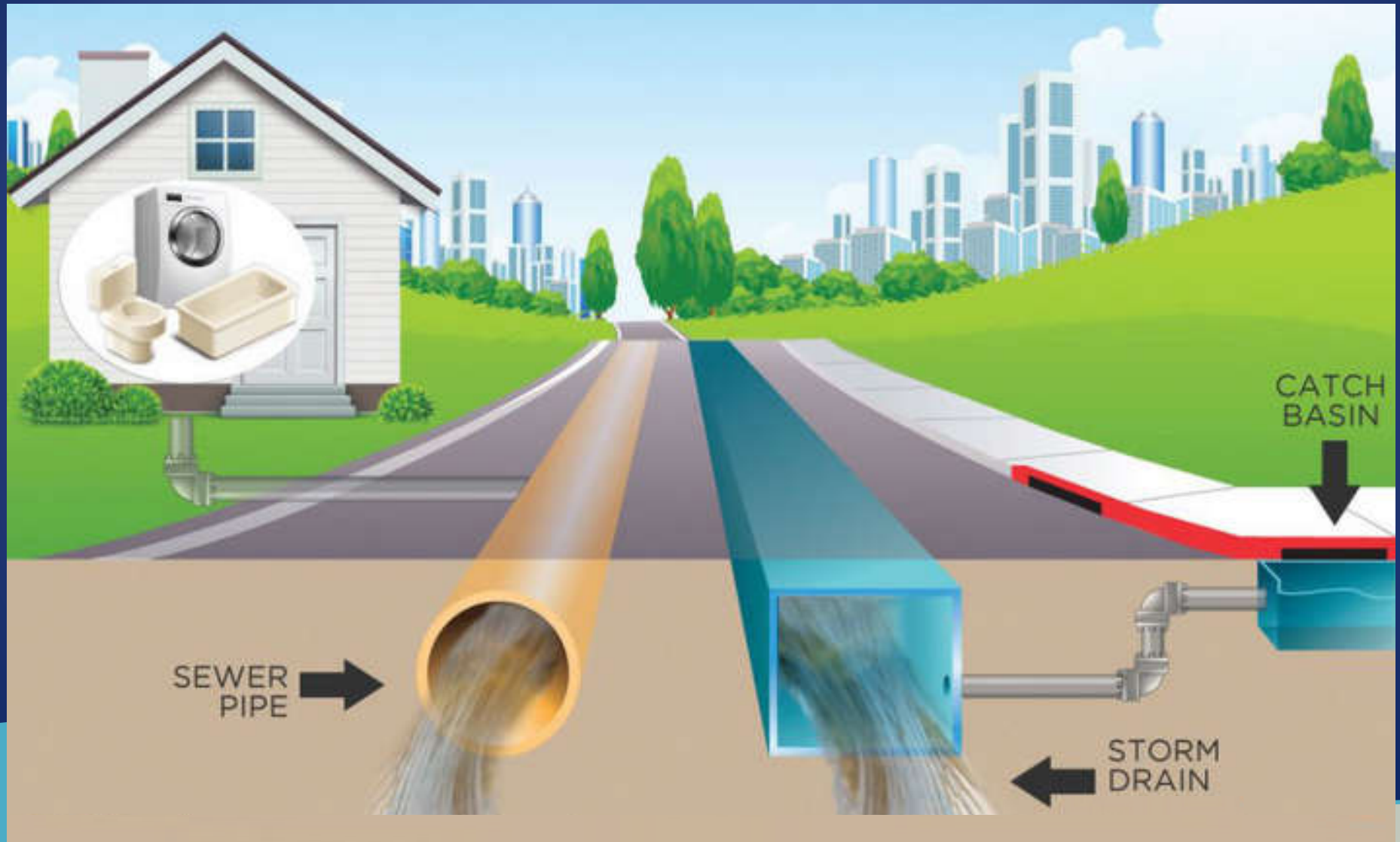
Fleet Street Area



Definitions

- Combined Sewer
 - Drainage systems connected to the sewer system
- Sewer Separation
 - Installation of a separate drainage system to collect stormwater runoff and sump pumps to convey flow to appropriate outfall

Separate Sewer and Drainage



Two Components

1. Fleet Street Improvements

- Sewer Separation & Infrastructure Improvements
- Roadway and Streetscape Improvements

2. Planning

- Larger Area – Upstream and Downstream
- Collect Information
- Building Utilities and Roadway Utilities

Goals

A blue ribbon banner with a 3D effect, containing the text "Public Outreach".

Public Outreach

- Field Work - Data Collection
- Plan Utility Improvements
- Plan Roadway and Streetscape Improvements
- Consider Alternatives
- Identify Capital Improvements and Costs

A blue ribbon banner with a 3D effect, containing the text "Public Engagement".

Public Engagement

Field Work

- Mist (Smoke) testing
 - Identify connections between sewer and drain



Mist (smoke) testing assists with location of utility connections

Field Work

- Building surveys to locate plumbing:
 - Roof drains systems
 - Sump Pumps
 - Other drainage connections



Sump pump connected to sewer system
(no separate drainage system available)

But First!

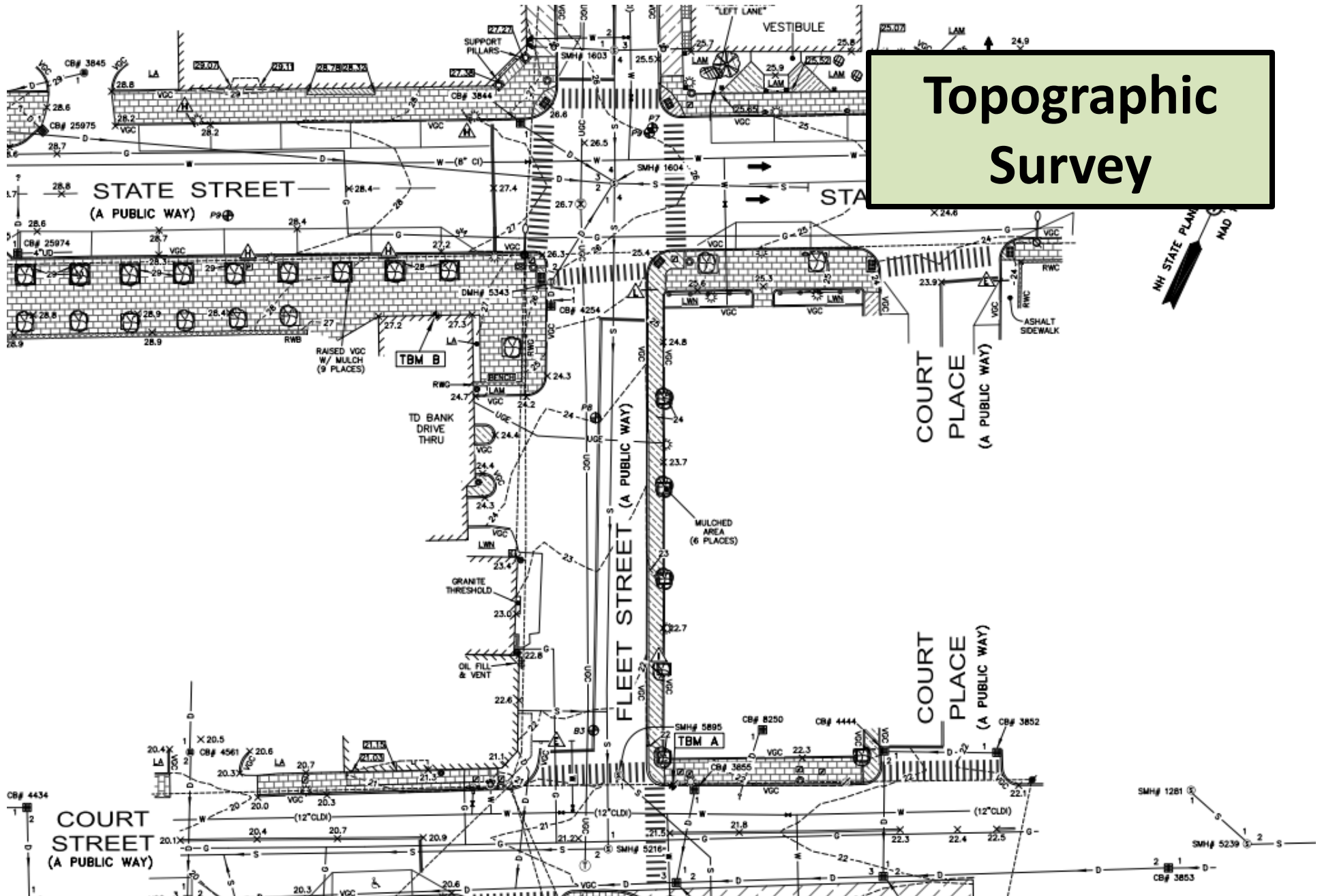
Coordination Meeting

- Mist (Smoke) Testing
 - Coordinate work with residents and community
 - Emergency personnel notified ahead of work
- Building Surveys
 - Coordinate Access Protocols

Field Work

- Topographic survey - Complete
 - Develop existing conditions plans for use during the design

Topographic Survey



Field Work

- Soils investigations (Borings)
 - Determine soil conditions beneath the surface
 - Determine depth of ledge (bedrock)
- Schedule to minimize impacts



Public Information and Involvement

Public Information - Meetings

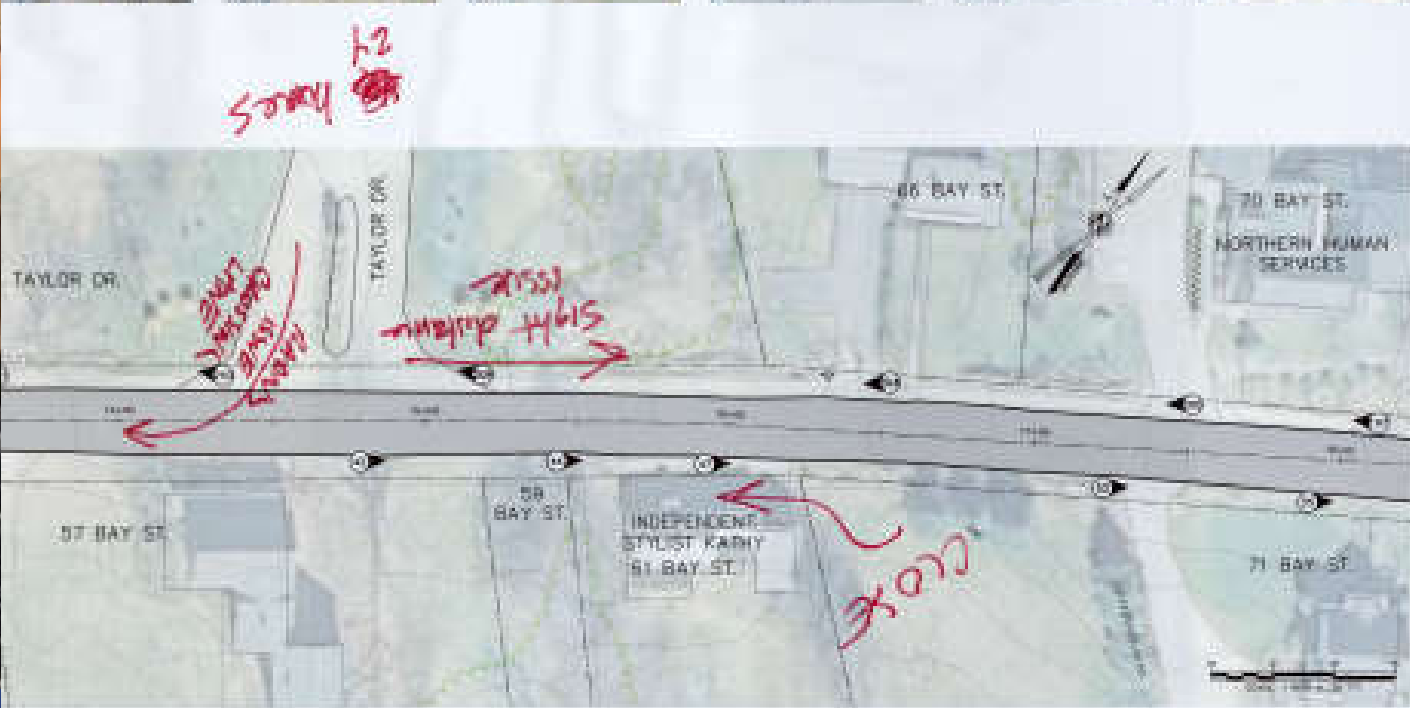
- Introductory Meeting – This meeting
- Utility Investigations Meeting – Next Meeting
 - Mist (smoke) Testing
 - Building Surveys
- Two (2) Public Engagement Meetings are planned

Public Engagement Meeting Listening Session

- Summarize Utility Needs
- Blank Slate – Streetscape
- Engage Public to Collect Ideas
 - Vehicular Accommodations
 - Pedestrian/Bike Accommodations (ADA)
 - Landscape Enhancements

Benefit is that most of the effort is completed after public input

Example



Alternatives Evaluation Following Listening Session

- Engineering Evaluations
- Concept Development
- Prepare work plans



Alternatives and Considerations

- Utility Improvements
- Traffic and Signalization
- Parking
- Pedestrian and Bicycle
- Landscape and Streetscape



Evaluate Relocation of Overhead Utilities Underground

Public Engagement Meeting Presentation of Alternatives

- Summarize Evaluation Efforts
- Present Roadway Improvement Concepts
- Identify Advantages and Disadvantages
- Summarize Costs
- Obtain feedback

Presentation of Selected Alternative

- Review by Parking, Traffic, and Safety
- Review by Tree and Greenery Committee
- Present to the City Council
- Public Meeting Presenting Final Alternative
- Information Posted to the Project Website

Public Information – Office Hours

- Office Hours for one on one
 - 6 weeks
 - 2 days per week
 - (9-11 and 4-6)
- Video Meeting available
- Scheduled at Listening Session - Public Meeting



OFFICE HOURS
25 Vaughan Mall



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Public Involvement

- Website – Email sign-up for notifications
- Public Information Coordinator
- Online Worksessions vs. In Person Meetings
 - COVID Protocols

City Website

<https://www.cityofportsmouth.com/publicworks/fleet-street>

The screenshot shows the website header for the Department of Public Works, including a search bar and navigation menu. The main content area features the project title, a descriptive paragraph, a project contact list, and a map of the study area.

DEPARTMENT OF PUBLIC WORKS

Operations ▾ Services ▾ Resources ▾ Projects ▾ MapGeo Contact

City of Portsmouth > Public Works Home > Fleet Street Reconstruction Project

FLEET STREET RECONSTRUCTION PROJECT

The City of Portsmouth is preparing to begin preliminary engineering and field work for the Fleet Street Reconstruction Project. This project will include replacement of the underground utilities and reconstruction of the roadway and sidewalks on Fleet Street. The City has hired Portsmouth-based engineering consultant, Underwood Engineers, to complete this work.

While the project is focused on Fleet Street from Hanover Street to Court Street, a larger area will be studied in the initial phases of engineering so that the utilities and other improvements can be properly designed. A map of the study area is shown below:

Fleet Street Area Utility Study Map

The map displays a street grid with a dashed line indicating the 'APPROXIMATE LIMITS OF STUDY AREA' along Fleet Street. A north arrow is visible in the upper right corner of the map.

PROJECT CONTACT

Ryan Flynn, P.E.
City Project Manager
Portsmouth Public Works
raflynn@cityofportsmouth.com
(603) 766-1413

Project Points of Contact

- City of Portsmouth Department of Public Works
 - Ryan Flynn, Construction Projects Coordinator
(603) 766-1413
raflynn@cityofportsmouth.com
- Underwood Engineers
 - Dan Rochette, Project Manager
(603) 436-6192

Project Schedule

Project Schedule

Early Start Dates

- Fall to Early Winter 2020
 - Utility Coordination Meeting – Target Mid October
 - Field Work
 - Building Surveys
 - Mist (Smoke) Testing
 - Public Engagement Meeting – Listening Session
- Winter 2020/21 to Spring 2021
 - Office Hours
 - Public Engagement Meeting – Presentation of Alternatives

Conclusions

- Next 12 Months
 - Utility Planning
 - Fleet Street Concept Development
- Field Work Will Be Ongoing
- Stakeholder Engagement
 - Utility Planning – Next Meeting (~mid-October)
 - Listening Session
 - Alternatives Presentation



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Questions?

FLEET STREET
ROADWAY
RECONSTRUCTION



City of
Portsmouth