



CHELSEA HARBOR/DOWNTOWN NORWICH MOBILITY STUDY

Public Information Meeting #2

Study Overview and Downtown
Visioning/Potential Improvements

June 5, 2024




Public Meeting Agenda

- Study Overview
- Existing & Future Conditions Overview
 - Summary & Findings
- Preliminary Analysis of Potential Improvements
 - Transportation Vision
 - Overview of Potential Improvements
 - Major Intersections & Changes
 - Questions/Discussion
- Next Steps



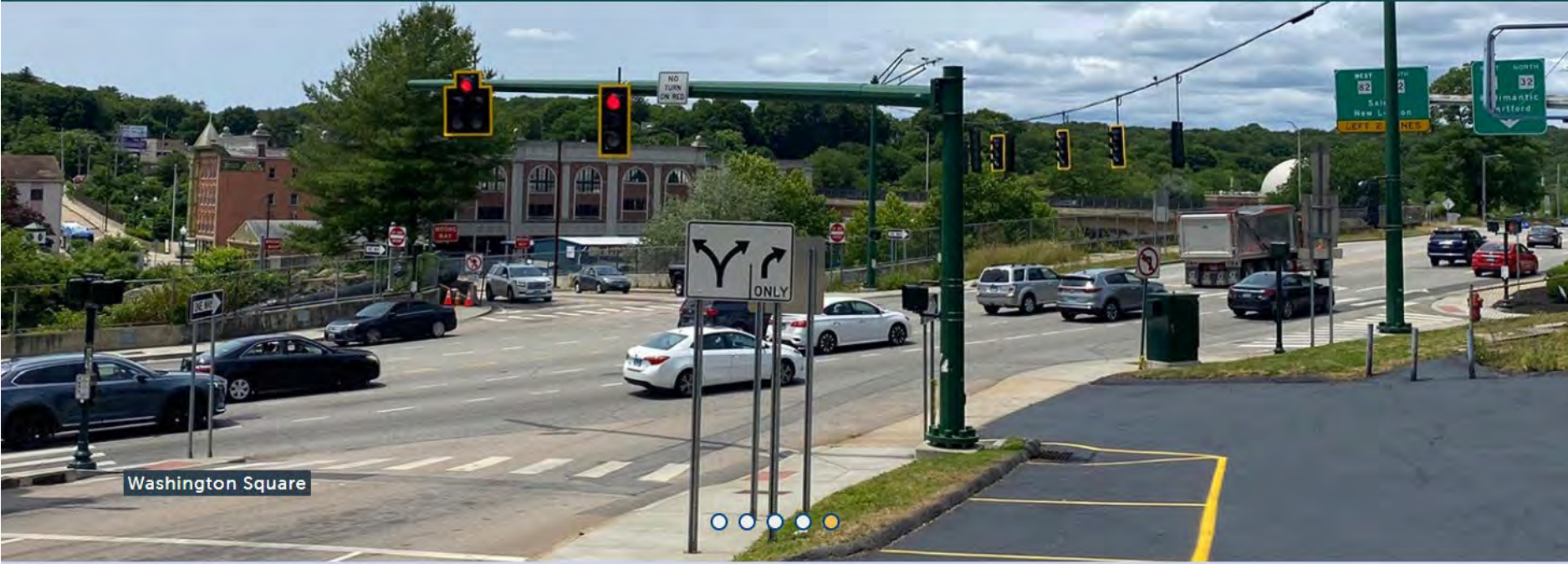
Visit the Project Website!

www.downtownnorwichmobilitystudy.com



CHELSEA HARBOR / DOWNTOWN NORWICH Mobility Study

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- About the Study
- Get Involved
- Documents
- FAQ



Study News & Updates

Upcoming Events!

Tactical Urbanism Demonstration
May 2024, Exact day and time TBD

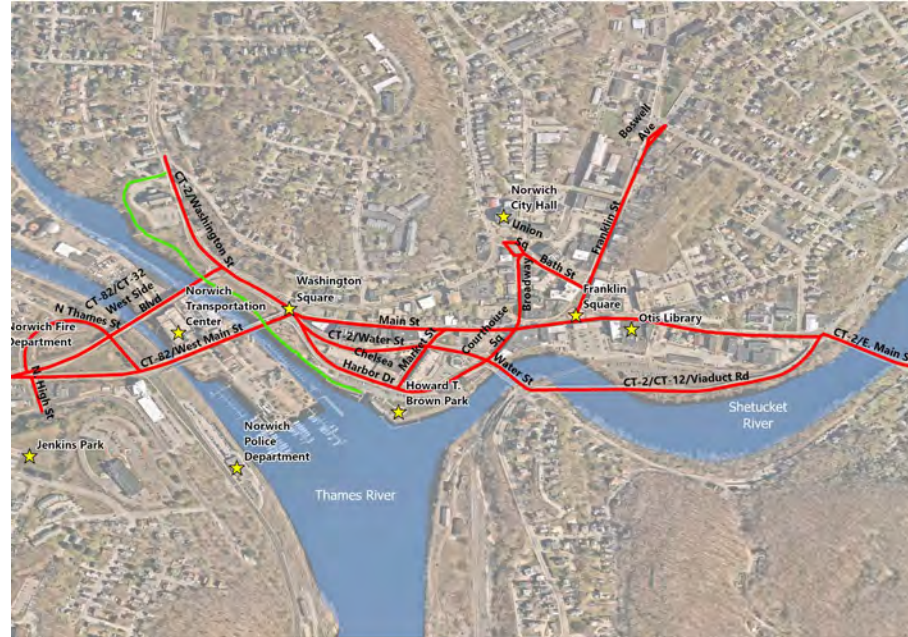


Study Overview - Goals

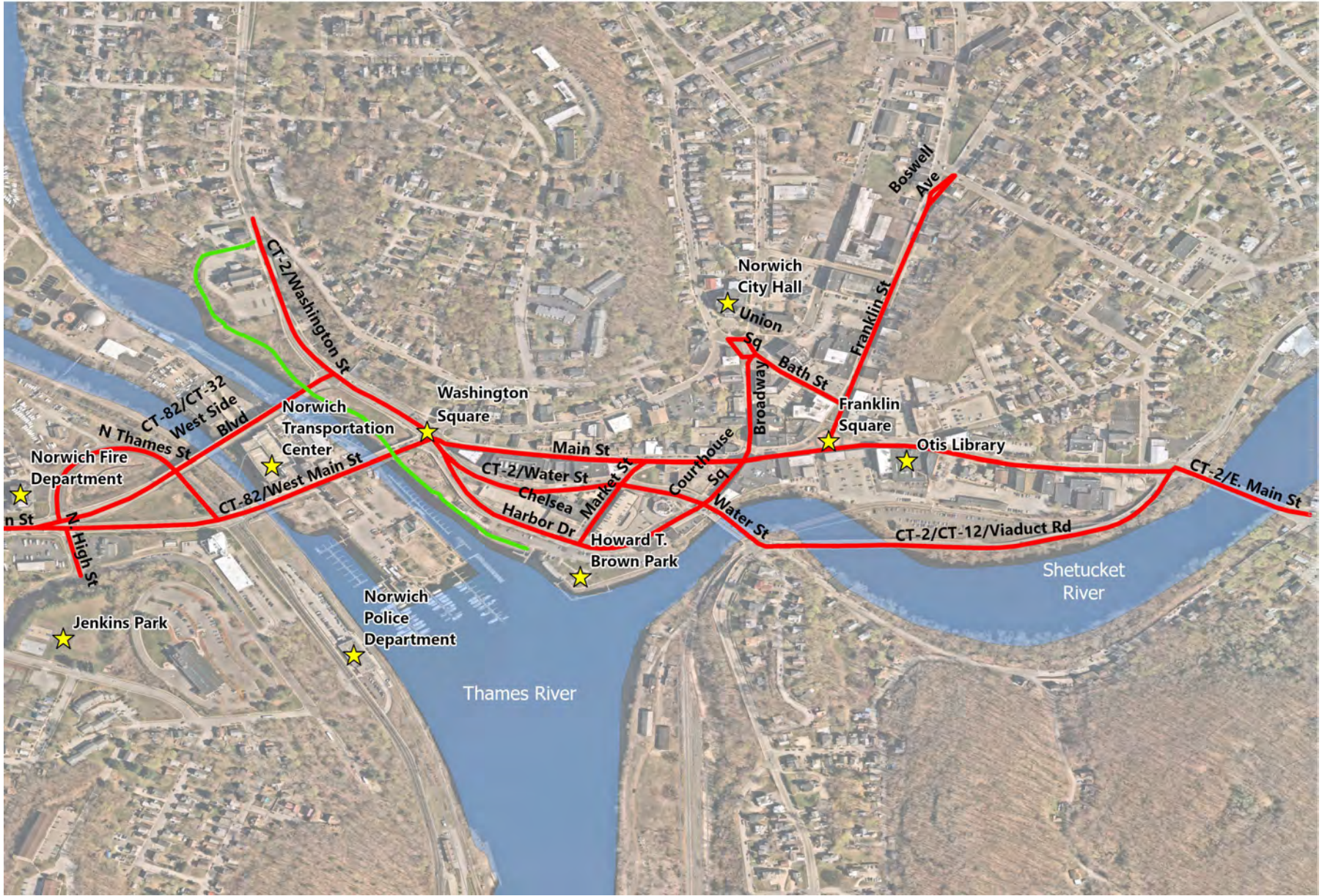
“ “ Study Goals:

- Improve livability, mobility, and access to essential services
- Create safe routes to the waterfront, Howard T. Brown Park, Transportation Center, Norwich Marina, and downtown
- Develop alternatives to current road configuration and traffic flows

Key component in the City of Norwich's efforts to provide streets that are safe and accessible for all users, including pedestrians, bicyclists, motorists, and transit users of all ages and abilities.



Study Area/Limits



Study Overview

- Led by SCCOG & City of Norwich
- Project Transportation Advisory Committee (including City staff, SCCOG, CTDOT, NCDC)
- Public Meeting on October 25, 2023
- Public Survey open August-November 2023
- Finalized Existing Conditions in early January
- Future Conditions Report early February
- Brief review of Existing & Future Conditions
- Transportation Improvement Vision and Preliminary Concepts



Public Engagement

- Rock the Docks – August 2023
- Celebrate Cultural Diversity – September 2023
- Two Public Meetings
 - First on October 25, 2023
 - Second on June 5, 2024 (Today)
- Public Survey on Existing Conditions and needs
 - Open from August – November 2023
- Downtown Walk Around May 7, 2024
- City Council Meeting March 18, 2024
- Tactical Engagement event – Cliff St @ Main St
 - June 11 & 12
- Project Website ongoing





Existing & Future Conditions



Existing Conditions

- Collected data on traffic conditions, safety, pedestrians, bicyclists, public transportation, and parking
- Traffic analysis shows problem intersections at Route 2/Viaduct Road/Laurel Hill Ave and Route 2 at Route 12/N. Main Street
- Pedestrians overrepresented in traffic injuries
- Few bicycle accommodations
- Underutilized parking garages



Future Conditions

- Reviewed projected traffic growth, future operations, opportunities for improvements
- Congestion at intersections will persist at Route 2/Viaduct Road/Laurel Hill Ave and Route 2 at Route 12/N. Main Street
- Traffic signal timing adjustments – only marginal improvements



An aerial photograph of a city area featuring a river, several highways, and various buildings. The text "Transportation Improvements Vision" is overlaid in the center.

Transportation Improvements Vision



Transportation Improvements Vision

- Overall Principles:
 - Complete Streets
 - Improve safety for all
 - Create more bicycle and pedestrian space, better crossings
 - Improve access to waterfront, Howard T. Brown Park
 - Lower traffic speeds while keeping traffic flowing
 - Improve operations at worst intersections
 - Make circulation around downtown easier for all



Bicycle, Pedestrian, and Transit Potential

- Norwich retains much of its walkable urban form, although only about 2-3% of downtown trips are by walking or biking (based on data collection)
- Need to improve safety, especially for pedestrians – overrepresented in injury crashes
- Improve pedestrian crossings, comfort
- Lower traffic speeds, provide separated bicycle space
- Extend and connect Heritage Trail
- Improve frequency, user experience of transit system

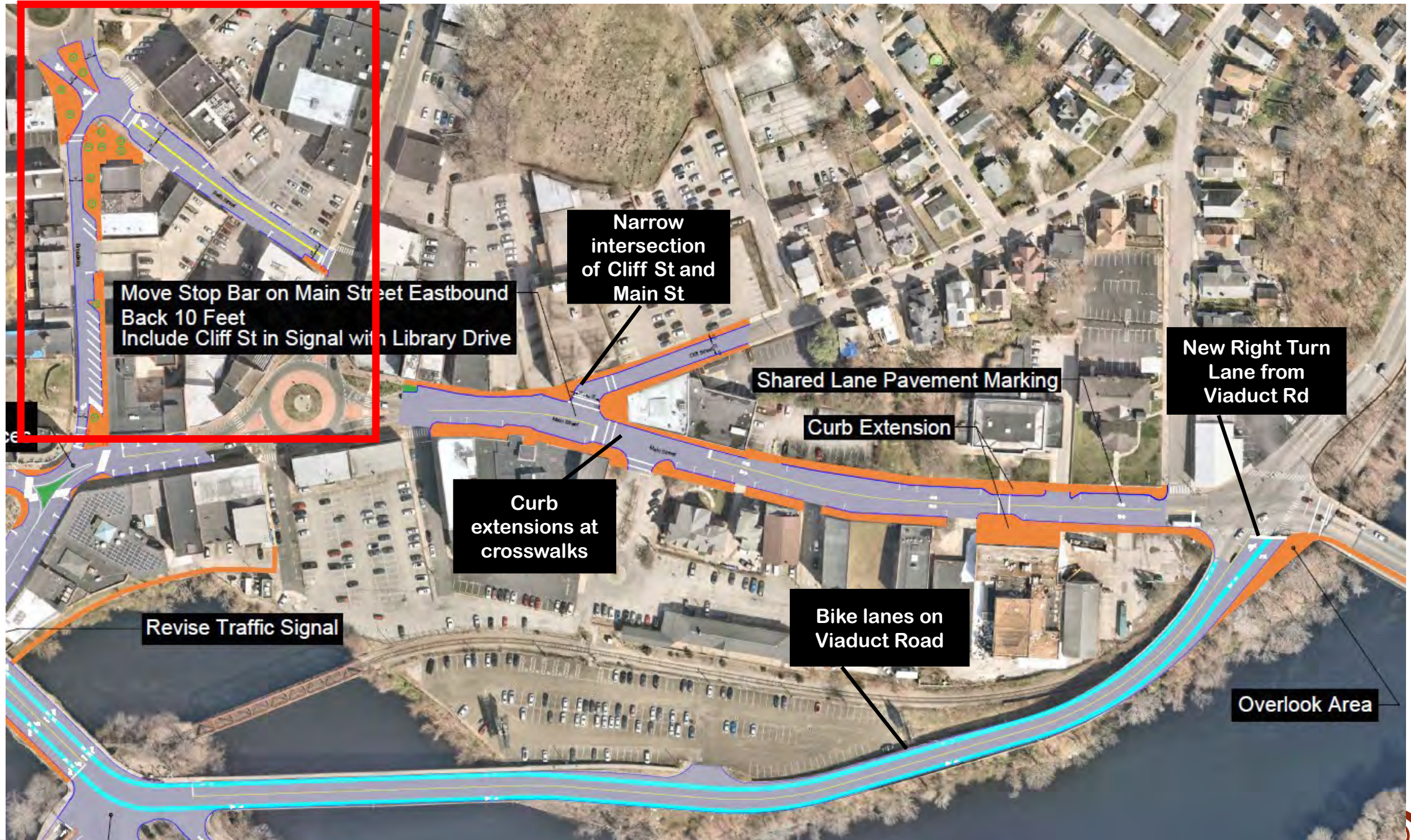


Transportation Improvements Vision

- High level notes:
 - Preliminary traffic modeling shows these concepts are feasible
 - Concepts were reviewed by City Council and TAC
- Through traffic patterns may change if concepts are implemented
- Questions or comments about the concepts are welcome







Move Stop Bar on Main Street Eastbound
Back 10 Feet
Include Cliff St in Signal with Library Drive

Narrow
intersection
of Cliff St and
Main St

Shared Lane Pavement Marking

Curb Extension

New Right Turn
Lane from
Viaduct Rd

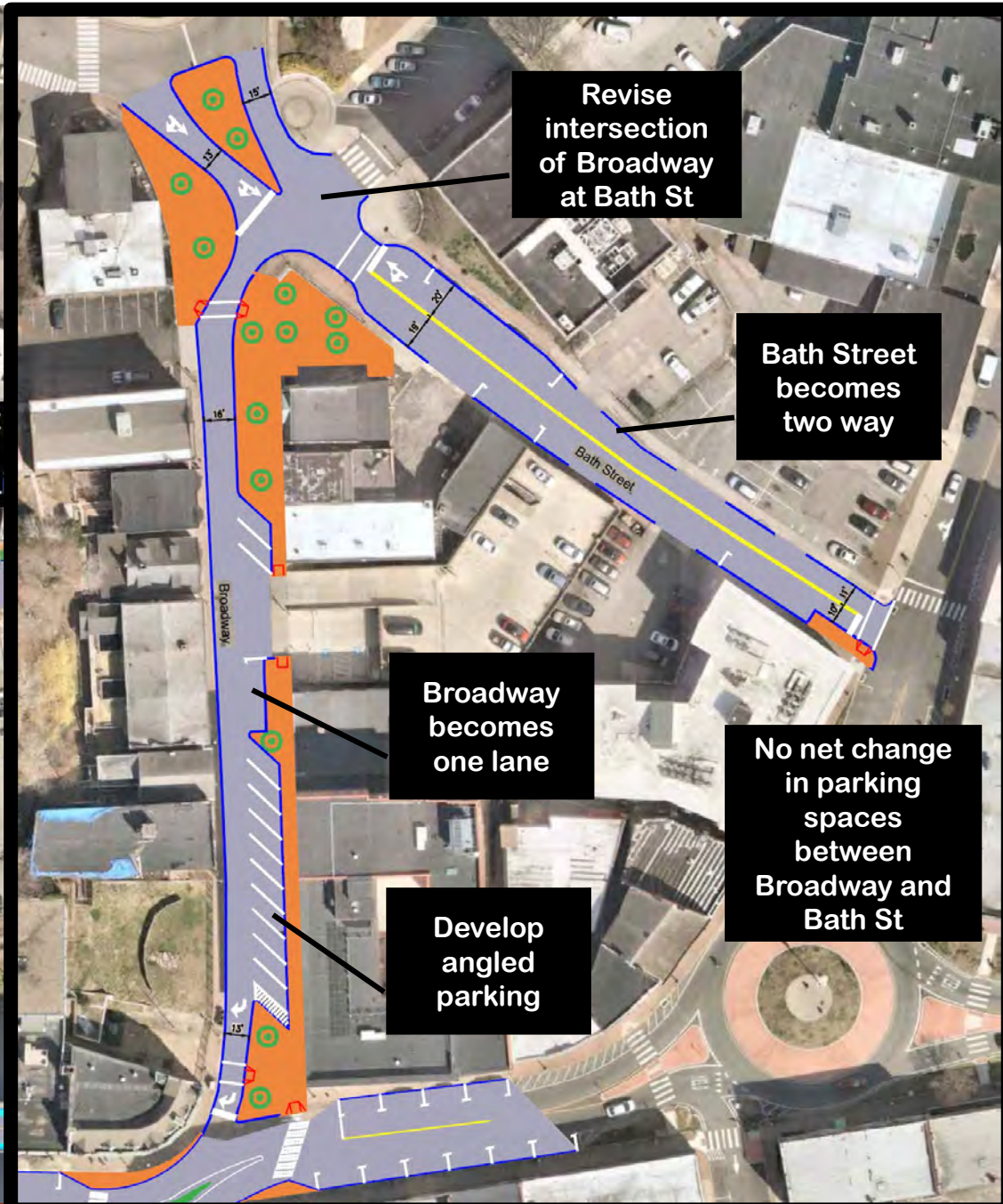
Curb
extensions at
crosswalks

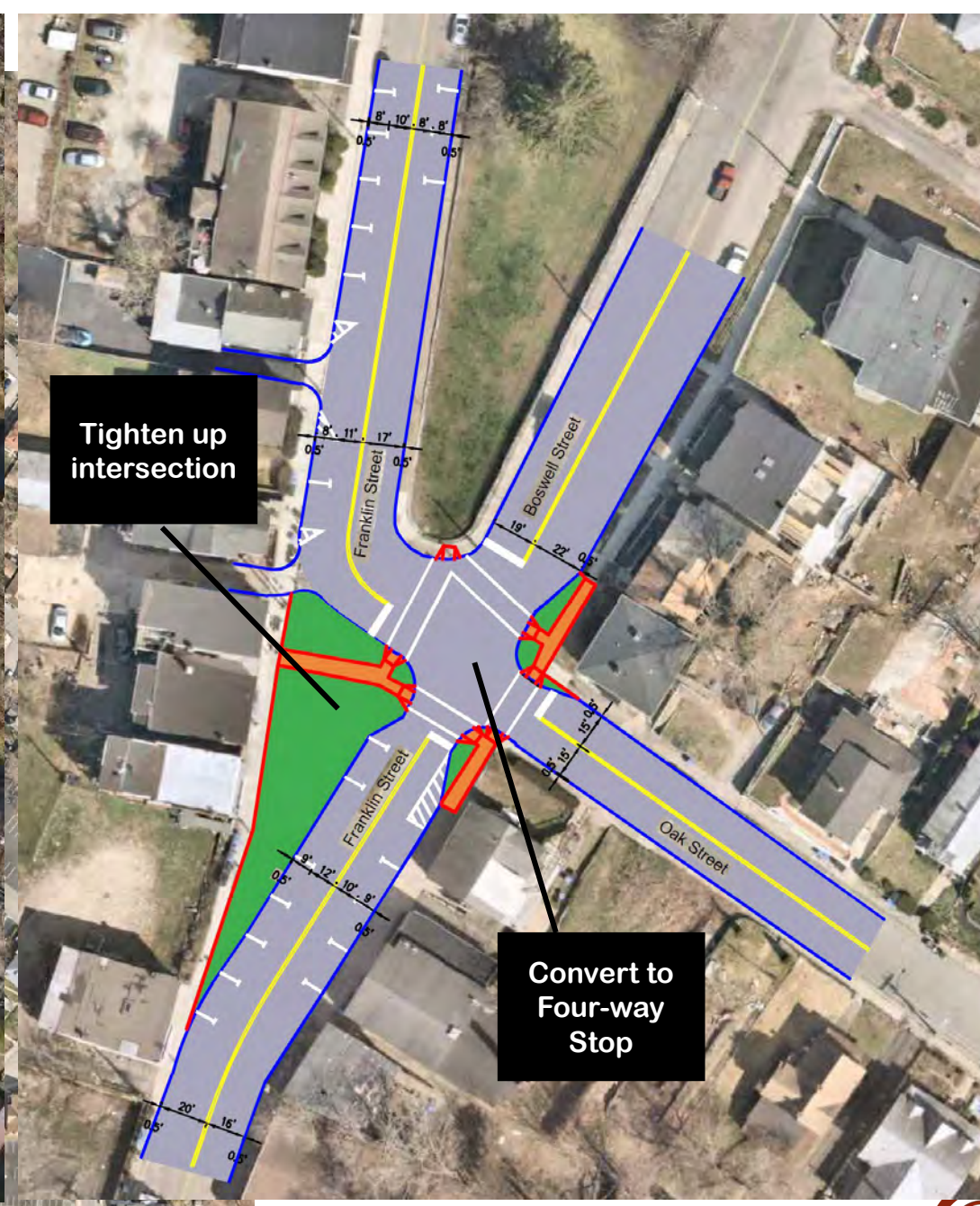
Revise Traffic Signal

Bike lanes on
Viaduct Road

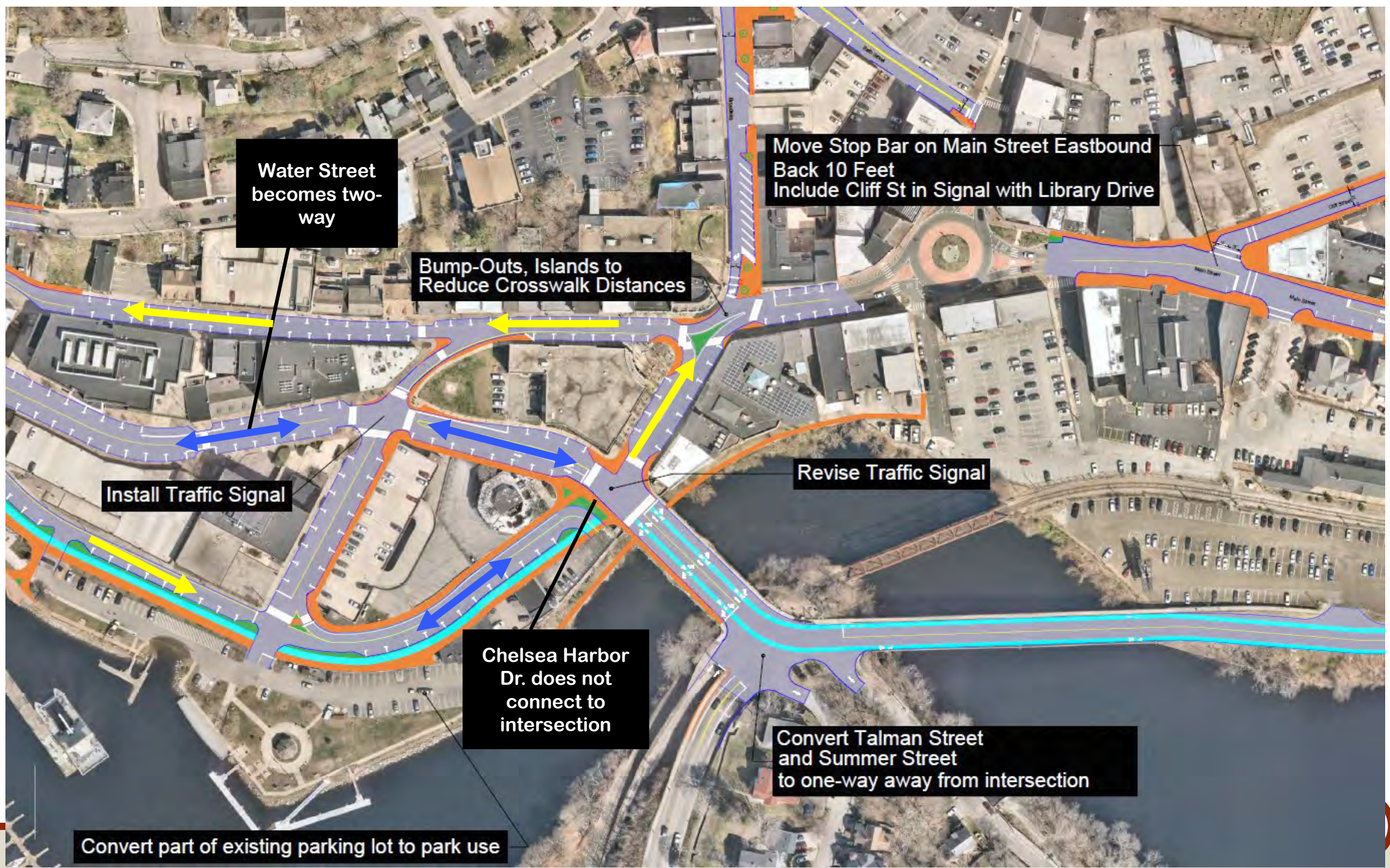
Overlook Area











Water Street
becomes two-
way

Move Stop Bar on Main Street Eastbound
Back 10 Feet
Include Cliff St in Signal with Library Drive

Bump-Outs, Islands to
Reduce Crosswalk Distances

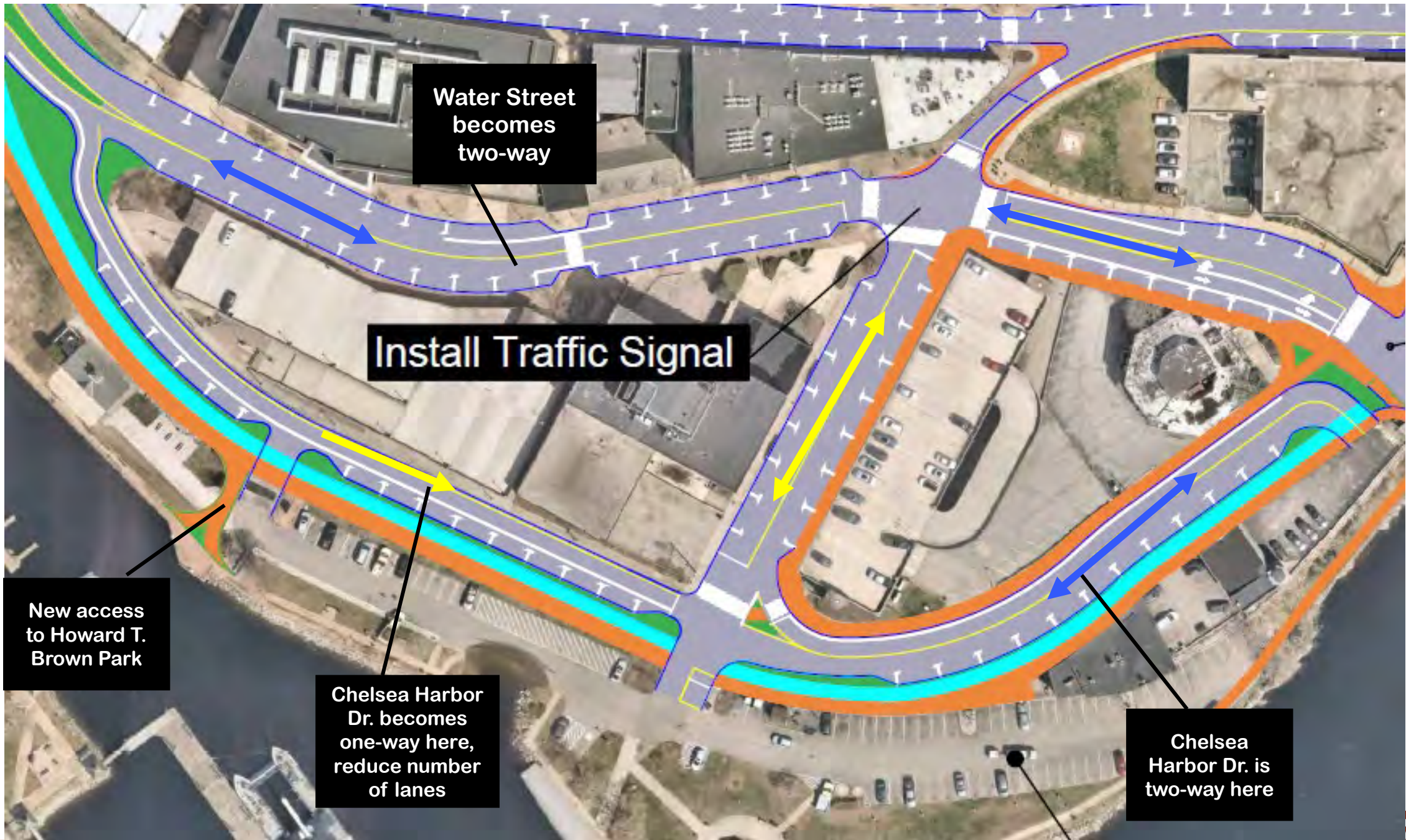
Install Traffic Signal

Revise Traffic Signal

Chelsea Harbor
Dr. does not
connect to
intersection

Convert Talman Street
and Summer Street
to one-way away from intersection

Convert part of existing parking lot to park use



Water Street
becomes
two-way

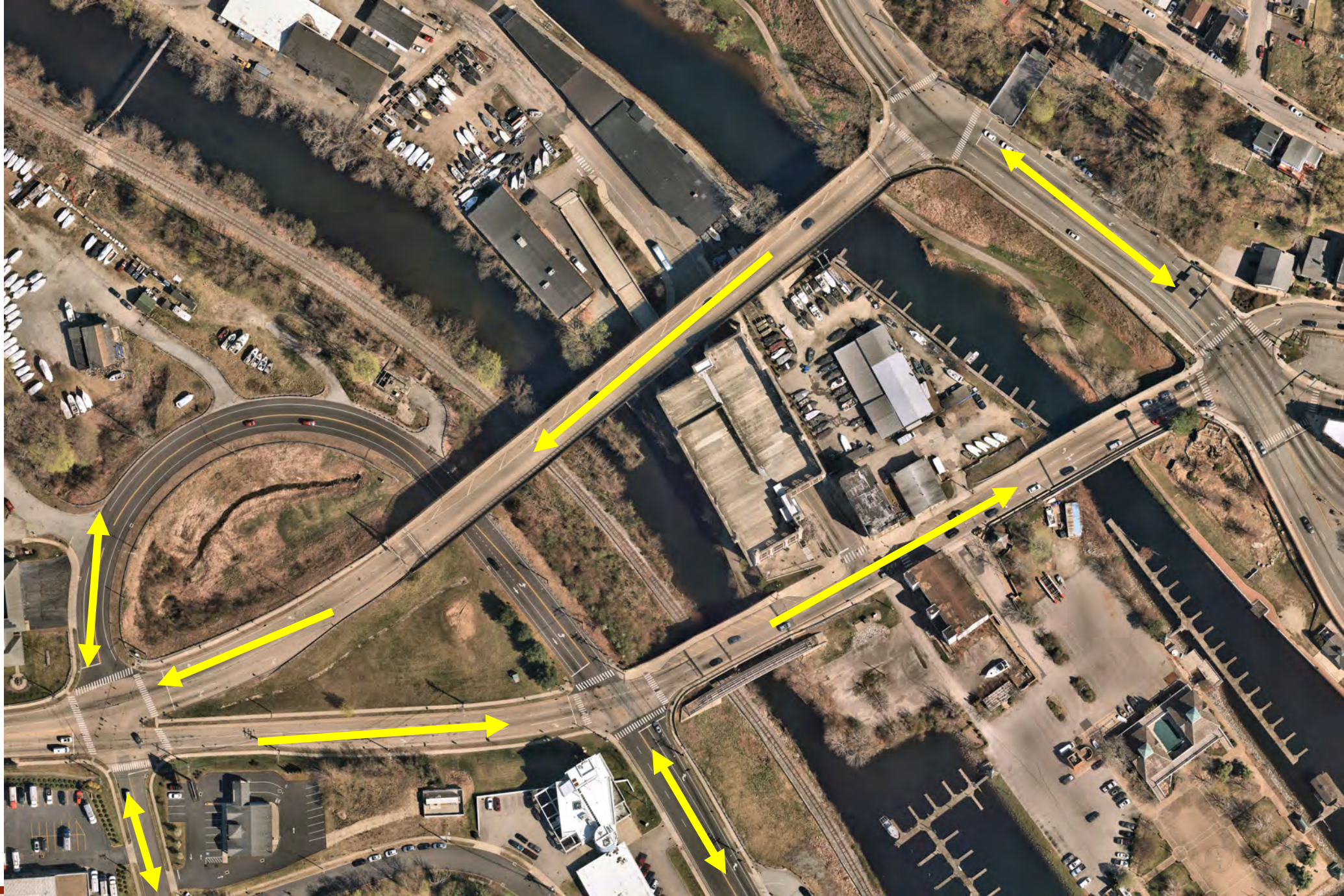
Install Traffic Signal

New access
to Howard T.
Brown Park

Chelsea Harbor
Dr. becomes
one-way here,
reduce number
of lanes

Chelsea
Harbor Dr. is
two-way here





OPTION 1

Way-Finding Map

Gateway Sign

Roundabout at Washington Square

Sidewalk/Event Space

Bike Lane

Planting Areas

Roundabout at W. Main St. & N. Thames St.

Public Art Wall

Potential Pedestrian Bridge Connection to Garage

Install Traffic Signal

Potential Park Area



Pedestrian-Bike "Bridge of Roses"



OPTION 2

Roundabout at Washington St. and Westside Blvd

Roundabout at Washington Square

Roundabout at W. Main St. & N. Thames St.

Sidewalks

Bike Lane
Grass/Landscaped Area

Pedestrian Plaza

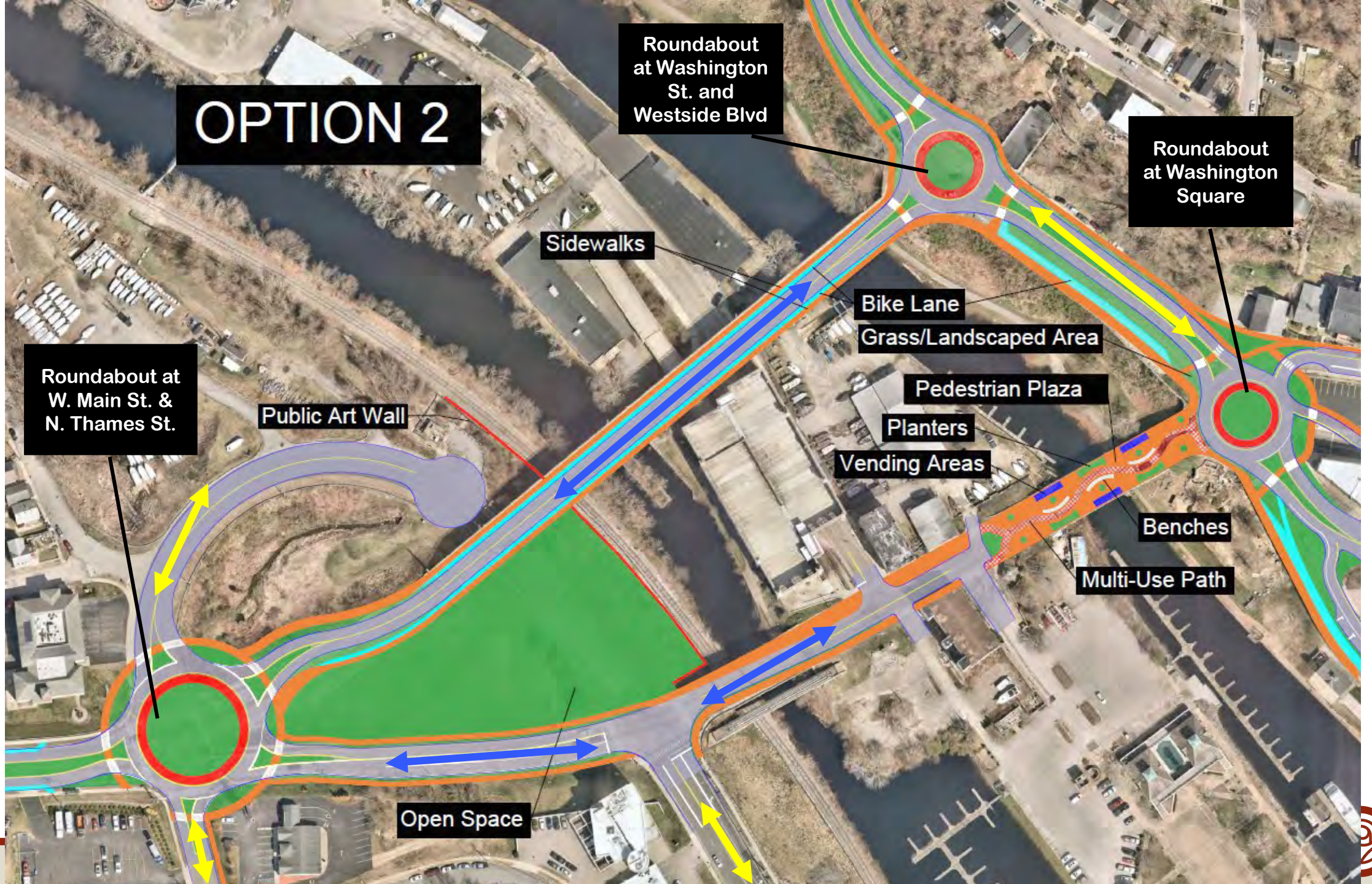
Planters
Vending Areas

Benches

Multi-Use Path

Public Art Wall

Open Space



OPTION 3

Roundabout at Washington St. and Westside Blvd

Roundabout at Washington Square

Sidewalks

Bike Lane

Grass/Landscaped Area

Roundabout at W. Main St. & N. Thames St.

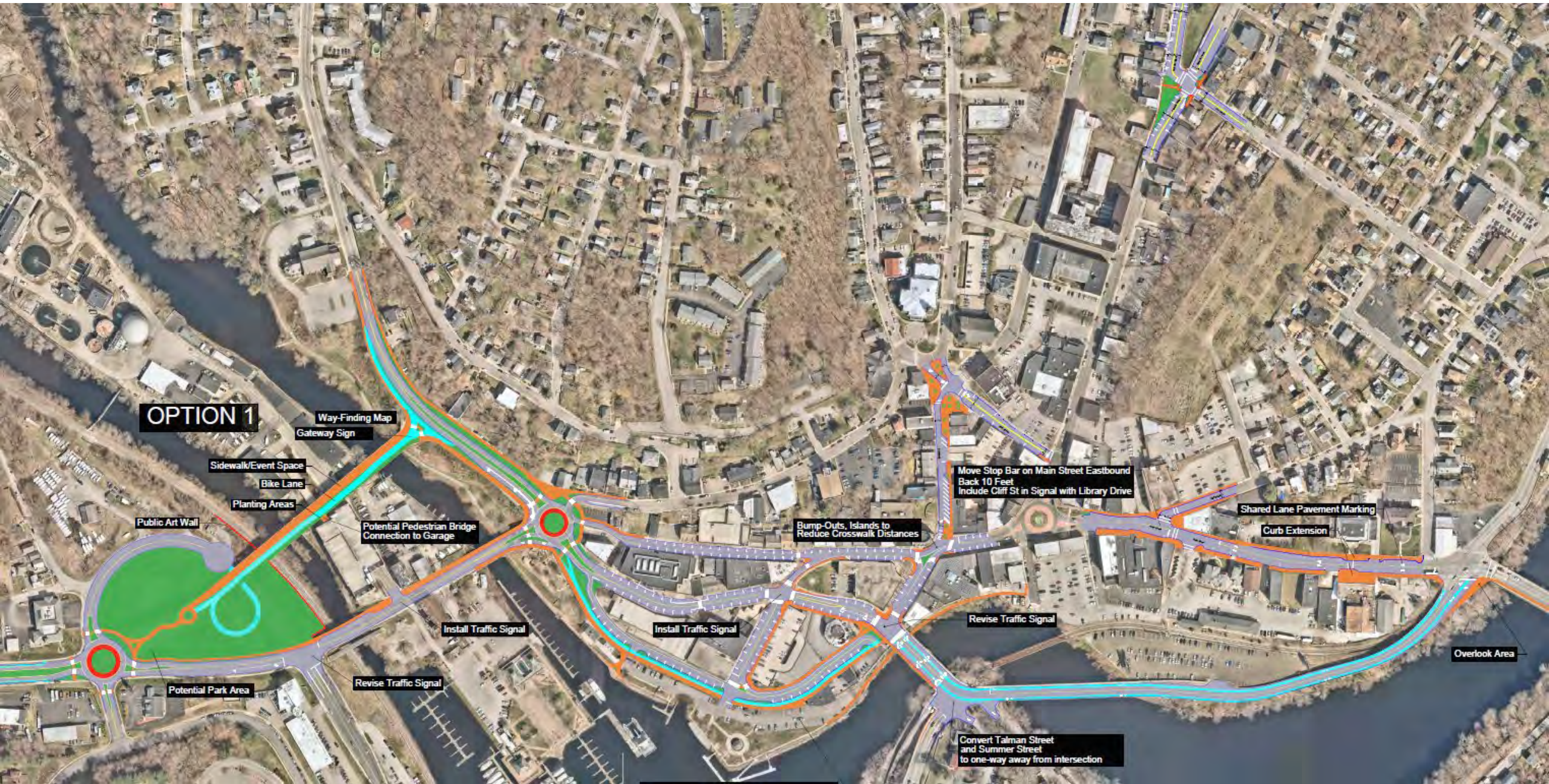
Public Art Wall

Install Traffic Signal

Open Space



Comments/Discussion



Next Steps

- June 10 – TAC Meeting #4
- July 15 – Norwich City Council Meeting
- June-August – Draft and Final Study Report





Questions/Discussion?



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<https://downtownnorwichmobilitystudy.com/>



Thank You!



SCCOG



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