



CHELSEA HARBOR/DOWNTOWN NORWICH MOBILITY STUDY

Transportation Advisory Committee Meeting #3

Future Conditions and Downtown
Visioning/Potential Improvements

March 4, 2024



Meeting Agenda

- Welcome & Introductions
 - In person & online
- How We Got Here
- Future Conditions Overview
 - Summary
 - Findings
- Preliminary Analysis of Potential Improvements
 - Overview - Visioning
 - Traffic Analysis
 - Major Intersections
 - Discussion/Next Steps
- Tactical Engagement Event
- Next Steps



How We Got Here

- Last TAC meeting – September 12
 - To review Existing Conditions
- Public Meeting on October 25
 - About 30 people attended
- Public Survey closed November 22
 - 384 responses
- Finalized Existing Conditions in early January
- Future Conditions Report early February
- Today:
 - Brief review of Future Conditions
 - Transportation Improvement Vision and Preliminary Concepts



A photograph of a city street with several cars parked along the left side. The buildings are multi-story, with brick and white facades. The street is paved with asphalt and has a sidewalk on the right. The text "Future Conditions" is overlaid in the center of the image.

Future Conditions



Future Conditions - Scope of Work

“ “ Task 5. Assessment of Future Conditions

- *5.1 Future Development Potential*
 - Identified upcoming and future development projects in the study area
 - More detailed than Existing Conditions; new information available
- *5.2 Traffic Forecast and Operational Assessment*
 - 2043 Future Conditions Traffic Volumes
 - Review potential impact of future development
 - Traffic operations analysis
- *5.3 Bicycle, Pedestrian, and Transit Potential*
 - Future opportunities for improvements, including transit and trail improvements

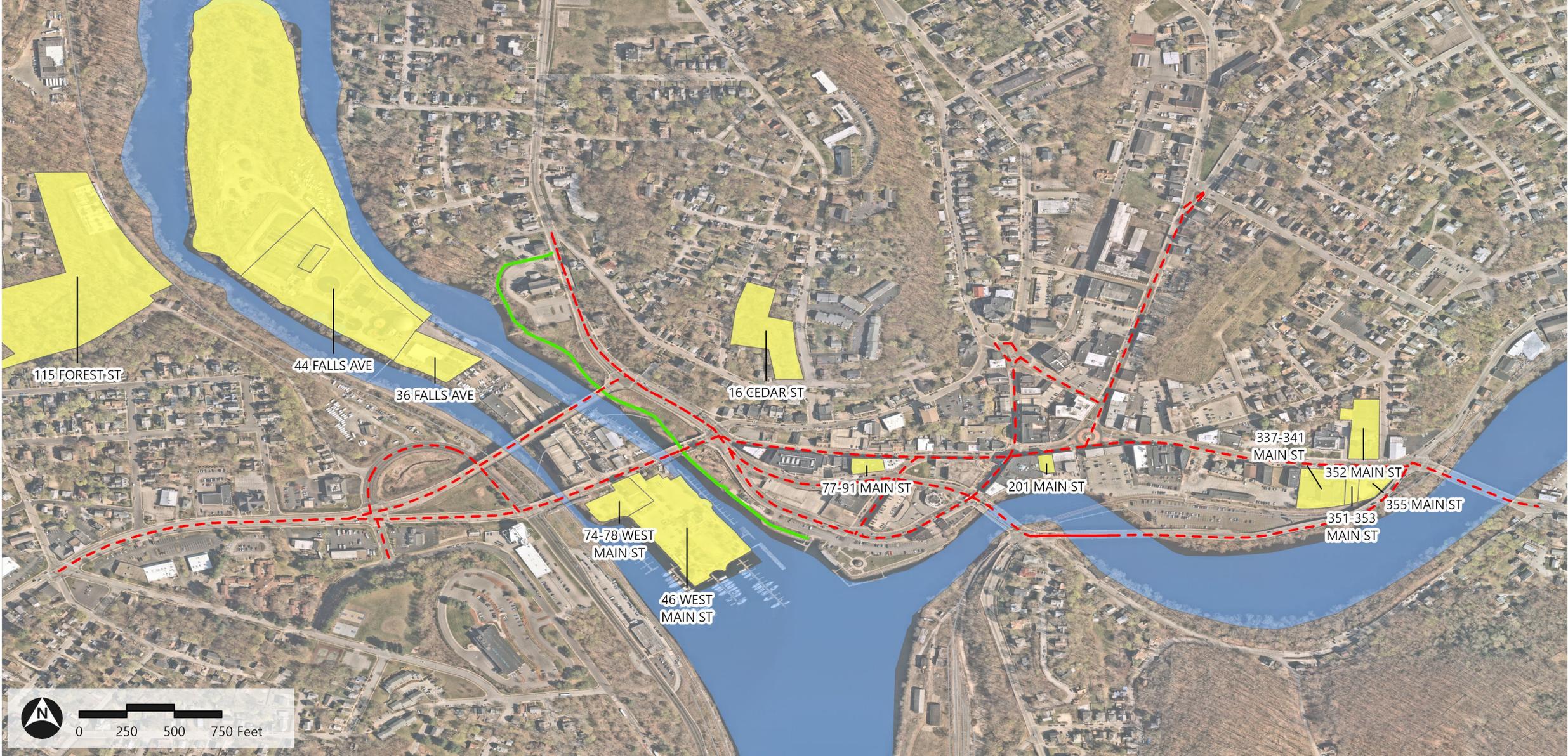




Future Development

- About 100 units of new housing, commercial redevelopment
- Developments:
 - **77-91 Main Street** (42 units)
 - **201 Main Street** (17 units plus commercial)
 - **337-341 Main Street** (old YMCA)
 - **352 Main Street** (Hotel Callista/old Elks Lodge)
 - **16 Cedar Street** (26 units; site of New London County Jail)
 - **46 W. Main Street/74-78 W. Main Street** (Norwich Marina/American Wharf)
 - **36/44 Falls Ave** (Wastewater Treatment Plant reconstruction)
 - **115 Forest Street** (Cannabis cultivation facility)





-- Chelse Harbor/Downtown Mobility Study Area Roadways ■ Norwich Development Projects Locations
— Downtown Norwich Heritage Trail



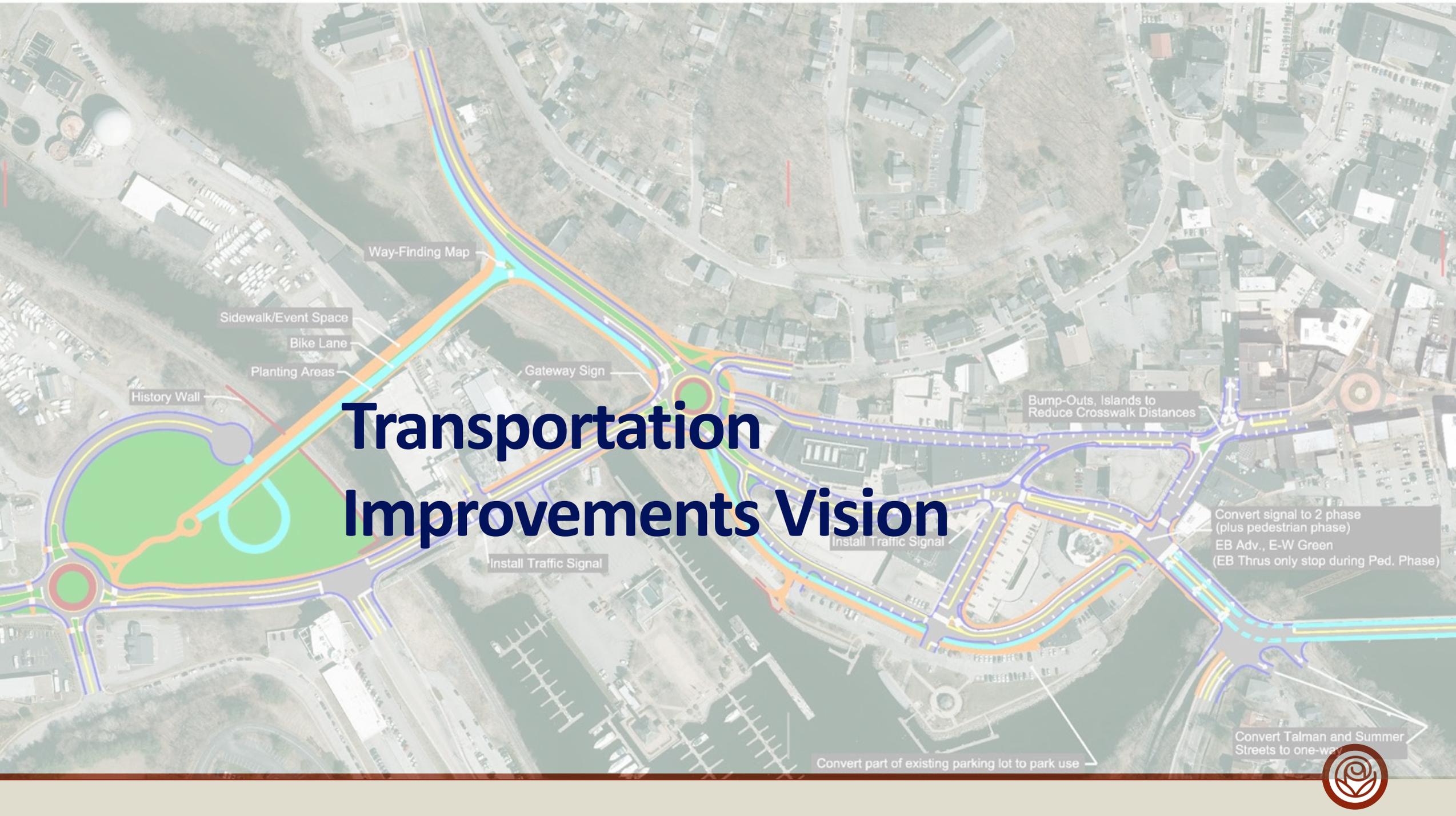
2043 Development & Operations

- Only Marina development considered not covered by background growth, but number of trips generated would be minimal to overall network
- 10% traffic growth used for analysis
- Existing problems areas would worsen
- Traffic signal timing and phasing adjustments -- marginal improvements

	AM Peak			Midday Peak			PM Peak		
Location	V/c	Delay	LOS	V/c	Delay	LOS	V/c	Delay	LOS
Route 2 at Viaduct Rd./Laurel Hill Rd/Summer St/Talman St	1.17	>120	F	1.06	104	F	> 1.20	>120	F
Route 2 at Route 12 (Viaduct Rd & N. Main St)	0.95	50	D	1.03	112	F	1.11	109	F



Transportation Improvements Vision



Way-Finding Map

Sidewalk/Event Space

Bike Lane

Planting Areas

History Wall

Gateway Sign

Bump-Outs, Islands to Reduce Crosswalk Distances

Install Traffic Signal

Install Traffic Signal

Convert signal to 2 phase (plus pedestrian phase)
EB Adv., E-W Green
(EB Thrus only stop during Ped. Phase)

Convert part of existing parking lot to park use

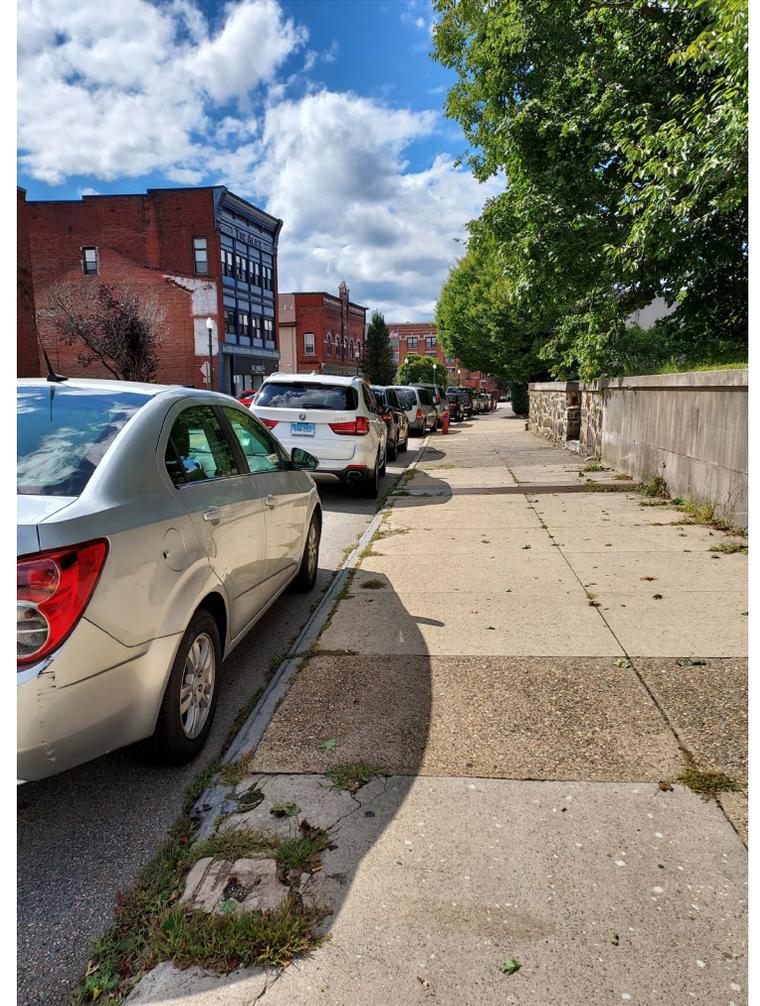
Convert Talman and Summer Streets to one-way



Transportation Improvements Vision

- Overall Principles:
 - 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

****Nothing final – all up for discussion****



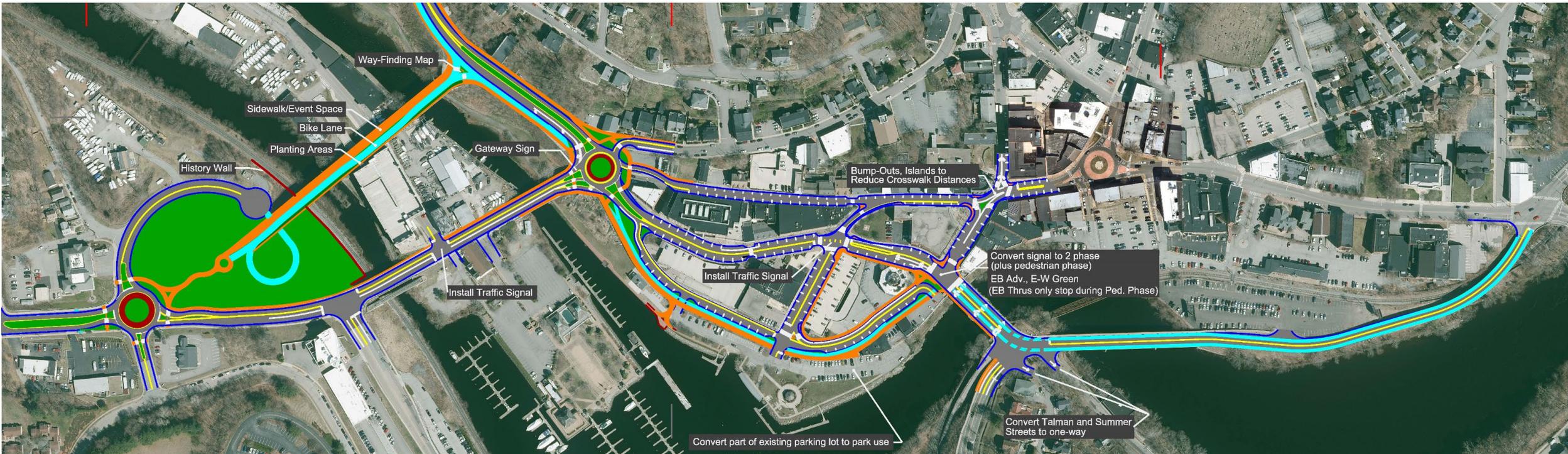
Bicycle, Pedestrian, and Transit Potential

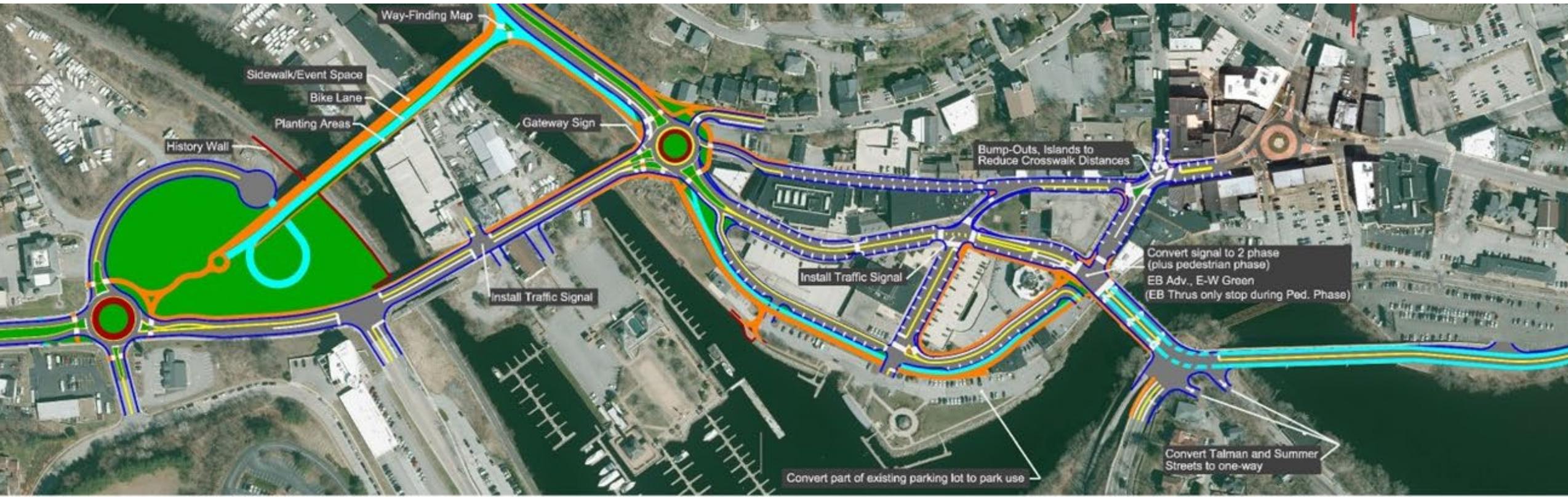
- Norwich retains much of its walkable urban form, although only about 2-3% of downtown trips are by walking or biking (based on data collection)
- Need to improve safety, especially for pedestrians – overrepresented in injury crashes
- Improve pedestrian crossings, comfort
- Lower traffic speeds, provide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



Transportation Improvements Vision

- High level notes:
 - Initial modeling shows the concept plan *can work* with limited operational issues for traffic
 - Washington Square needs to be modeled using different software to develop more accurate level of service results
- No costs developed yet
- Diverting Route 2 through traffic can also improve traffic operations to improve viability of these options

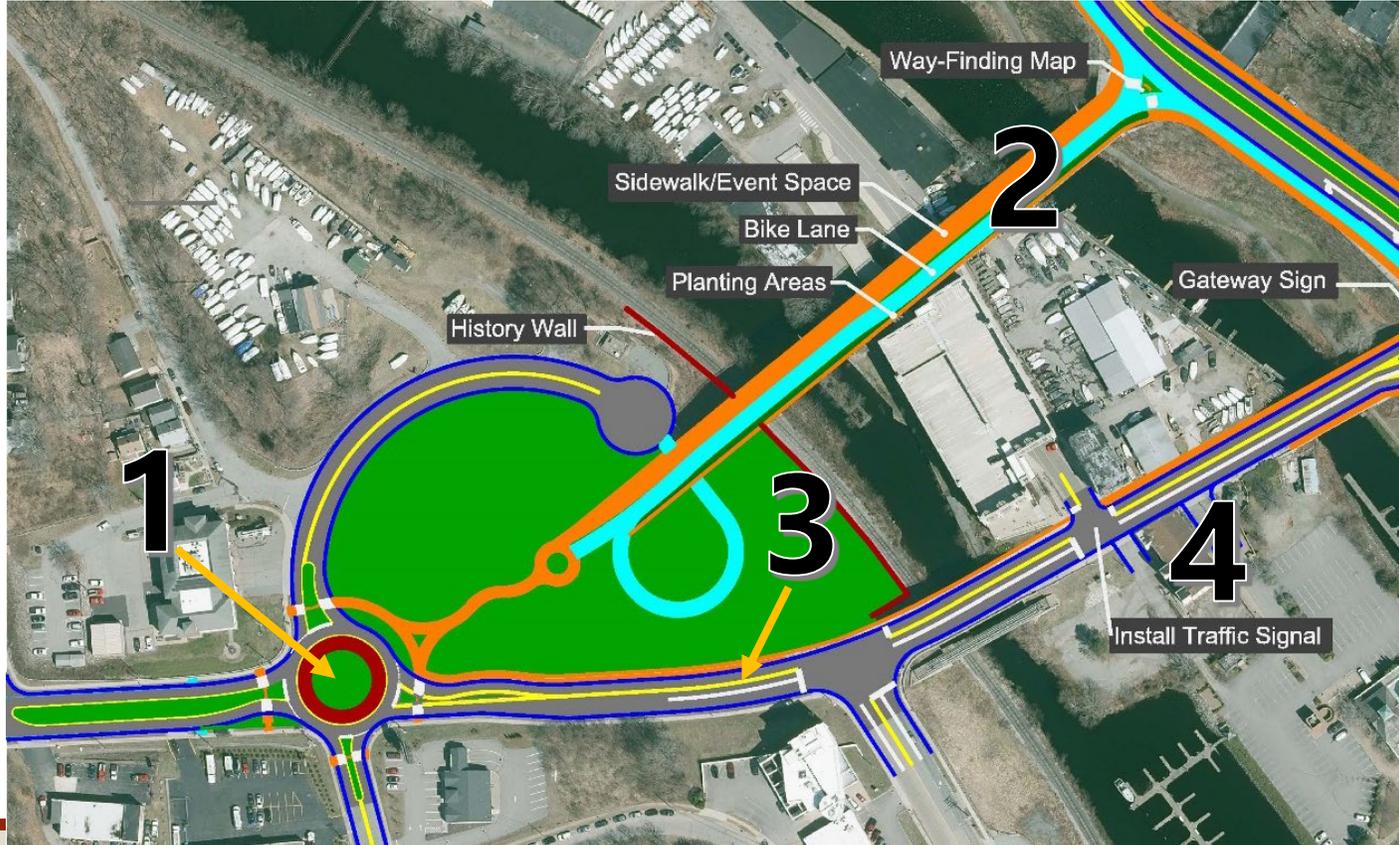




Transportation Improvements Vision

West end of Project Area:

1. Roundabout at W. Main Street/Route 82 and N. Thames Street
2. Convert W. Side Boulevard to Pedestrian-Bike Bridge
3. W. Main Street Bridge/Route 82 becomes two-way
4. Install Traffic Signal at W. Main Street and Falls Ave/Norwich Marina



Pedestrian-Bike "Bridge of Roses"





Way-Finding Map

2

Sidewalk/Event Space

Bike Lane

Planting Areas

History Wall

Gateway Sign

4

Install Traffic Signal

1

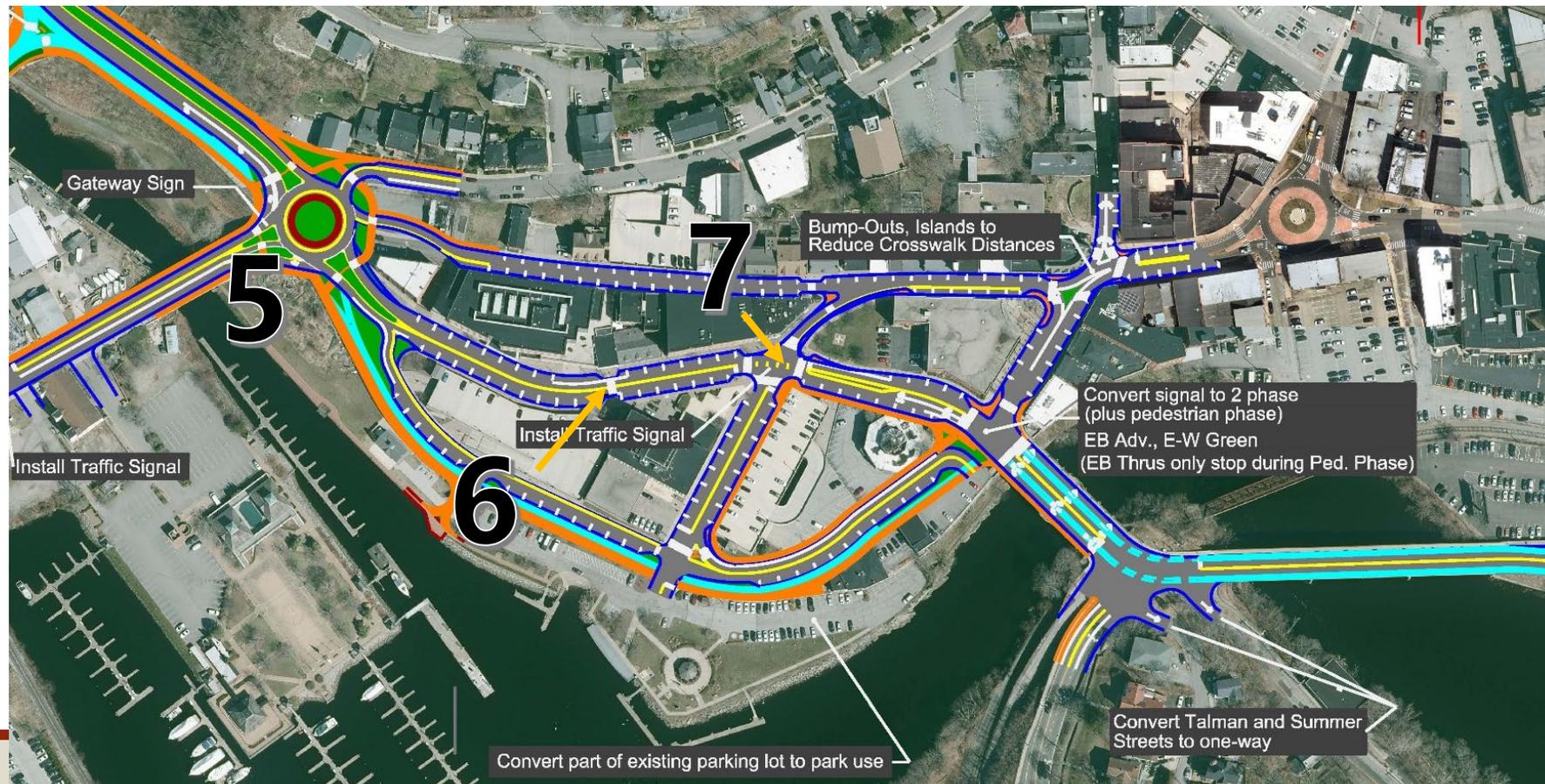
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Transportation Improvements Vision

Downtown Norwich Project Area:

- 5. Roundabout at Washington Square
- 6. Water Street/Route 2 becomes two-way

- 7. Install Traffic Signal at Water Street and Market Street

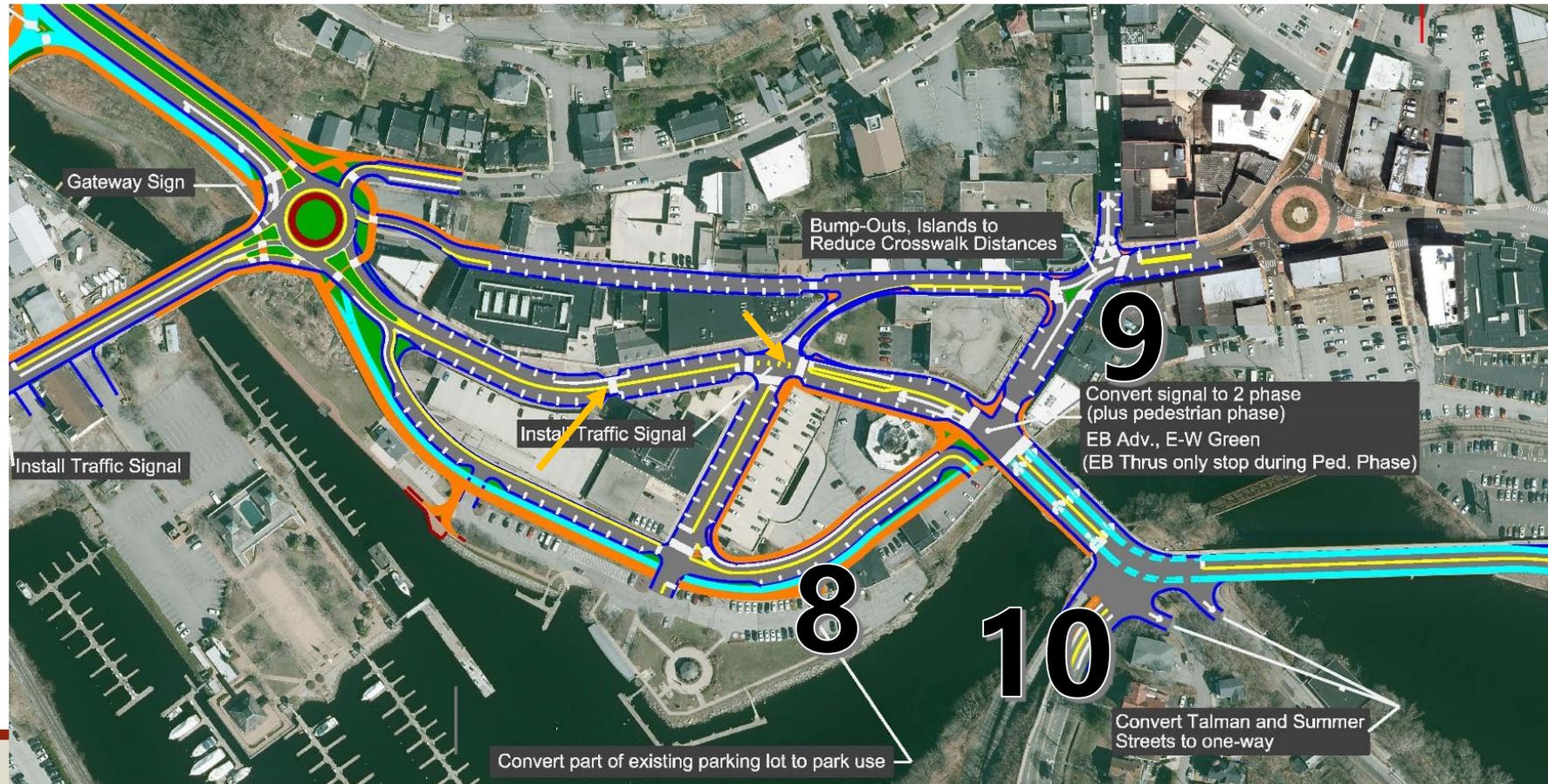


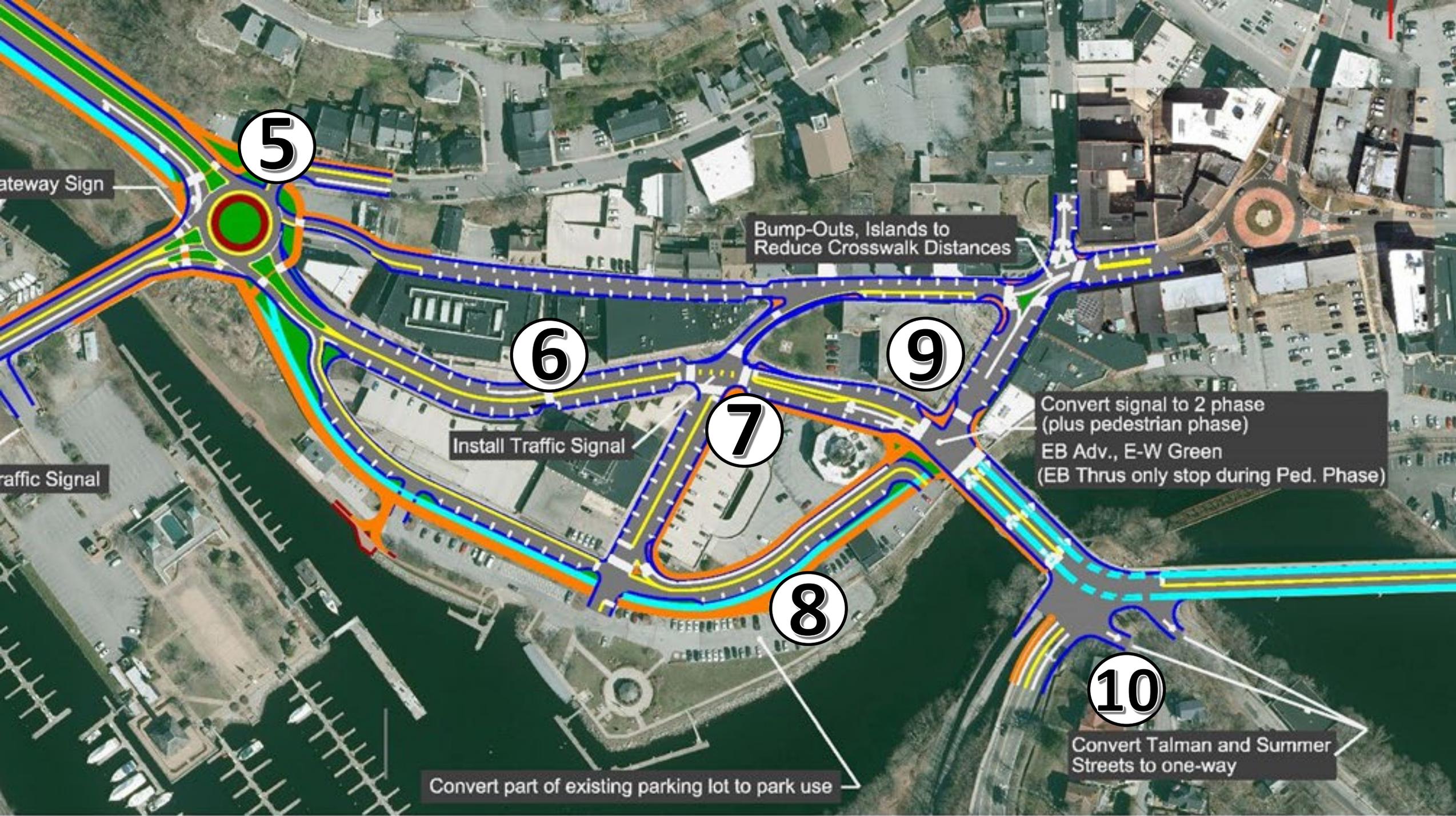
Transportation Improvements Vision

Downtown Norwich Project Area:

- Chelsea Harbor Drive becomes local street and does not connect to Water Street
- Simplified signal at Water Street and Courthouse Square

- Make Talman Street and Summer Street one-way away from the Water Street/Laurel Hill Ave/Viaduct Road intersection to simplify operations





5

Gateway Sign

Bump-Outs, Islands to Reduce Crosswalk Distances

6

9

Convert signal to 2 phase (plus pedestrian phase)
EB Adv., E-W Green
(EB Thrus only stop during Ped. Phase)

Traffic Signal

Install Traffic Signal

7

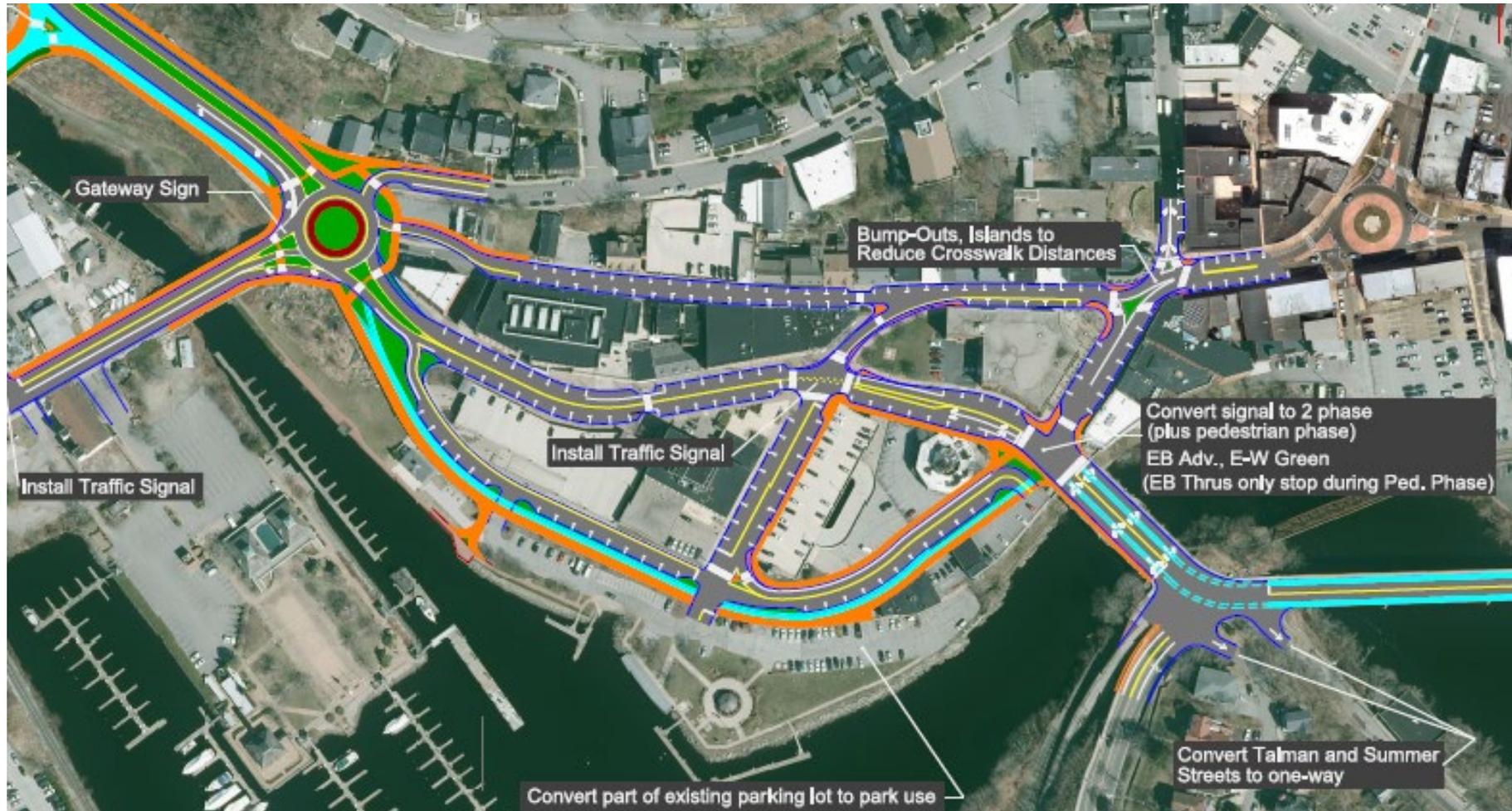
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Convert Talman and Summer Streets to one-way

Convert part of existing parking lot to park use

Transportation Improvements Vision

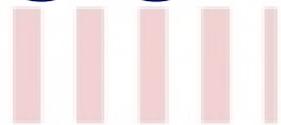
Discussion





Norwich Superior Court

Tactical Engagement



Enhanced Crosswalks

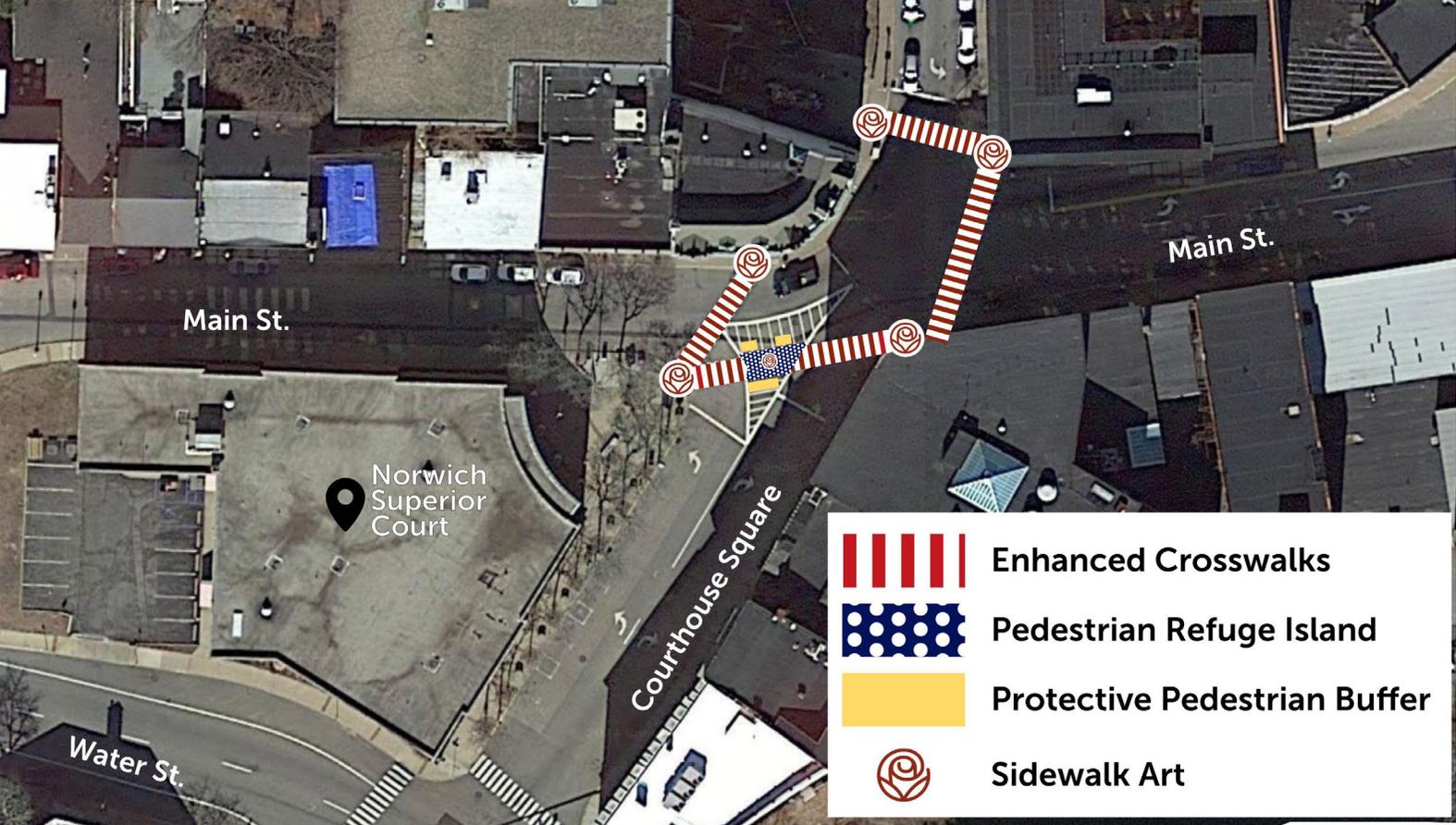


Pedestrian Refuge Island



Protective Pedestrian Buffer





Walk Norwich



It's a 6-minute walk
to the food and fun at
Harp and Dragon Pub



TACTICAL URBANISM
DEMONSTRATION PROJECT

TACTICAL URBANISM DEMONSTRATION PROJECT

Goal

- Enhance the pedestrian and /or bicycle connection at a selected site or sites within the Chelsea Harbor Downtown Norwich Mobility Study Project Area.

Benefits

- Promotes experimentation
- Fast and Affordable
- Inspires public participation
- Showcases alternatives
- Attainable

Possible locations

- The American Wharf to Howard T Brown Park to the Downtown Norwich businesses, residences, and restaurants via West Main Street and Chelsea Harbor Drive at Main Street and Water Street.
- Washington Square (Washington Street/Main Street/Water Street/Chelsea Harbor Drive)
- Main Street just west of Burnham Square
- Courthouse Square at Broadway and Main Street
- West Side Boulevard (Route 82/32)



Partners

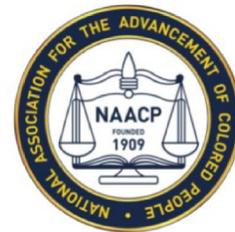
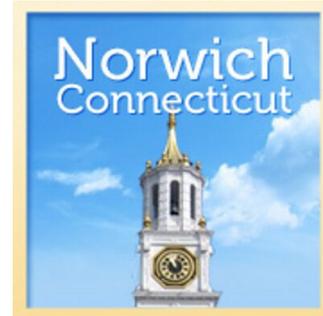
SCCOG	City of Norwich	NCDC	Public works
Police	Project abutters	Norwich Arts Center	Rose Arts Festival
Downtown After Dark: Miria Gray	Envision 360	Chamber of Commerce	Greenville Neighborhood
Foundry 66	Schools-high school kids needing volunteer hours	Global City Norwich Otis Library	American Wharf owners
Downtown Businesses	Churches	Haitian Community Center	NAACP
Rotary Club	CTDOT	SEAT	Mi Encanto Norwich



FOUNDRY66



Haitian
COMMUNITY CENTER



NAACP
Norwich Branch



Next Steps

- March 18 – City Council Work Session
- April/May – Pop-up Meeting and Tactical Engagement Event
- May – Draft Alternatives Report
- June – Public Information Meeting #2
- July – TAC Meeting #4
- June/July – Draft and Final Study Report





Questions/Discussion?

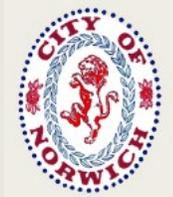
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 <https://downtownnorwichmobilitystudy.com/>



Thank You!



Transportation Advisory Committee
Future Conditions and Potential Improvements