



**KINGSTON - DUXBURY  
INTERSECTION IMPROVEMENTS  
AT ROUTE 3 RAMPS (NB/SB) AND  
ROUTE 3A (TREMONT STREET)**

*Thank you for joining us.*

*This meeting will begin shortly.*



# KINGSTON - DUXBURY INTERSECTION IMPROVEMENTS AT ROUTE 3 RAMPS (NB/SB) AND ROUTE 3A (TREMONT STREET)

*25% Design Public Hearing*

Virtual Meeting | June 2, 2026 | 6:00 PM

Project File No. 606002

# Zoom Webinar Controls



- Ask a question and share comments



- Drop down menu to check microphone and speakers



- Raise your hand - \*9 for users dialing in and Alt + Y for computer shortcut



- If you are unable to access the internet or are having technical problems, please call into the meeting at 309-205-3325 , Webinar ID: 830 3188 5868



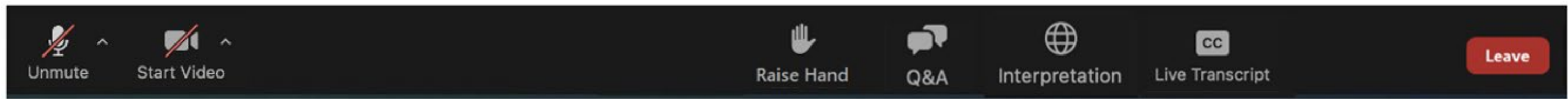
- Use the View button in the upper right-hand corner to adjust the meeting view settings to your preference



Live Transcript

- Closed captioning automatically generated by Zoom

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# Public Hearing Notes and Procedures

## Notification of video recording

- This virtual public hearing will be recorded. The Massachusetts Department of Transportation may choose to retain and distribute the video, images, audio, and/or Q&A transcript.
- All parts of this hearing are considered public record.
- By continuing attendance with this virtual public hearing, you are consenting to participate in a recorded event.
- If you are not comfortable being recorded, please keep your microphone muted. You may also choose to excuse yourself from the meeting.

## Important notes

- Your microphone and webcam are automatically disabled upon entering the hearing.
- The hearing will be open to questions and answers at the end of the formal presentation.

**All questions and comments are welcome and appreciated, however we do request that you refrain from any disrespectful comments.**

# Notice of MassDOT's Policy on Diversity and Civil Rights

- All MassDOT activities, including public meetings, are free of discrimination.
- MassDOT complies with all federal and state civil rights requirements preventing discrimination based on sex, race, color, ancestry, national origin (limited English proficiency), religion, creed, gender, sexual orientation, gender identity or expression, or veteran's status.
- We welcome the diversity from across our entire service area. If you have any questions or concerns, please visit <https://www.mass.gov/nondiscrimination-in-transportation-program> to reach the Office of Diversity and Civil Rights.

**Thank you for joining our meeting. We appreciate your participation!**

# Agenda

- Introductions
- Project Goals
- Project Scope
- Alternatives
- Property Impacts
- Bicycle and Pedestrian Impacts
- Environmental Impacts
- Traffic Impacts
- Next Steps
- Questions & Answers

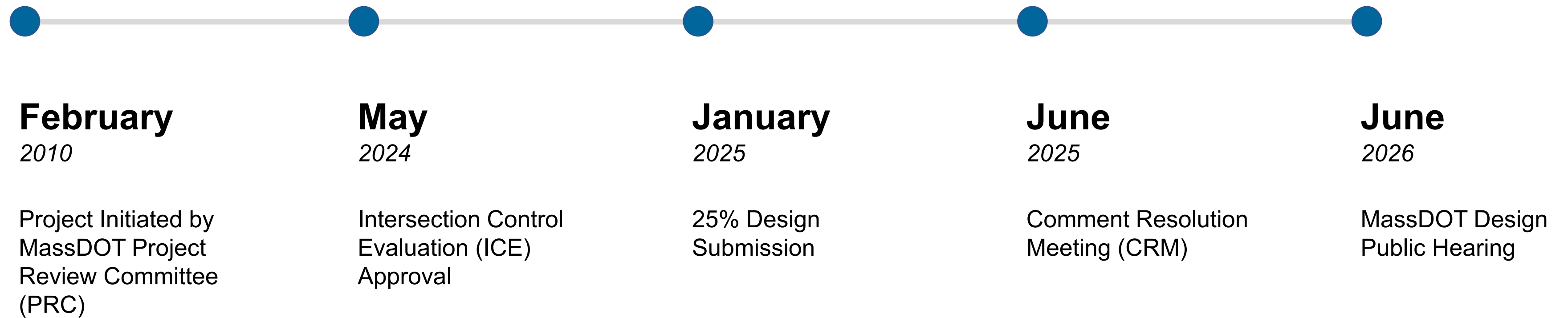


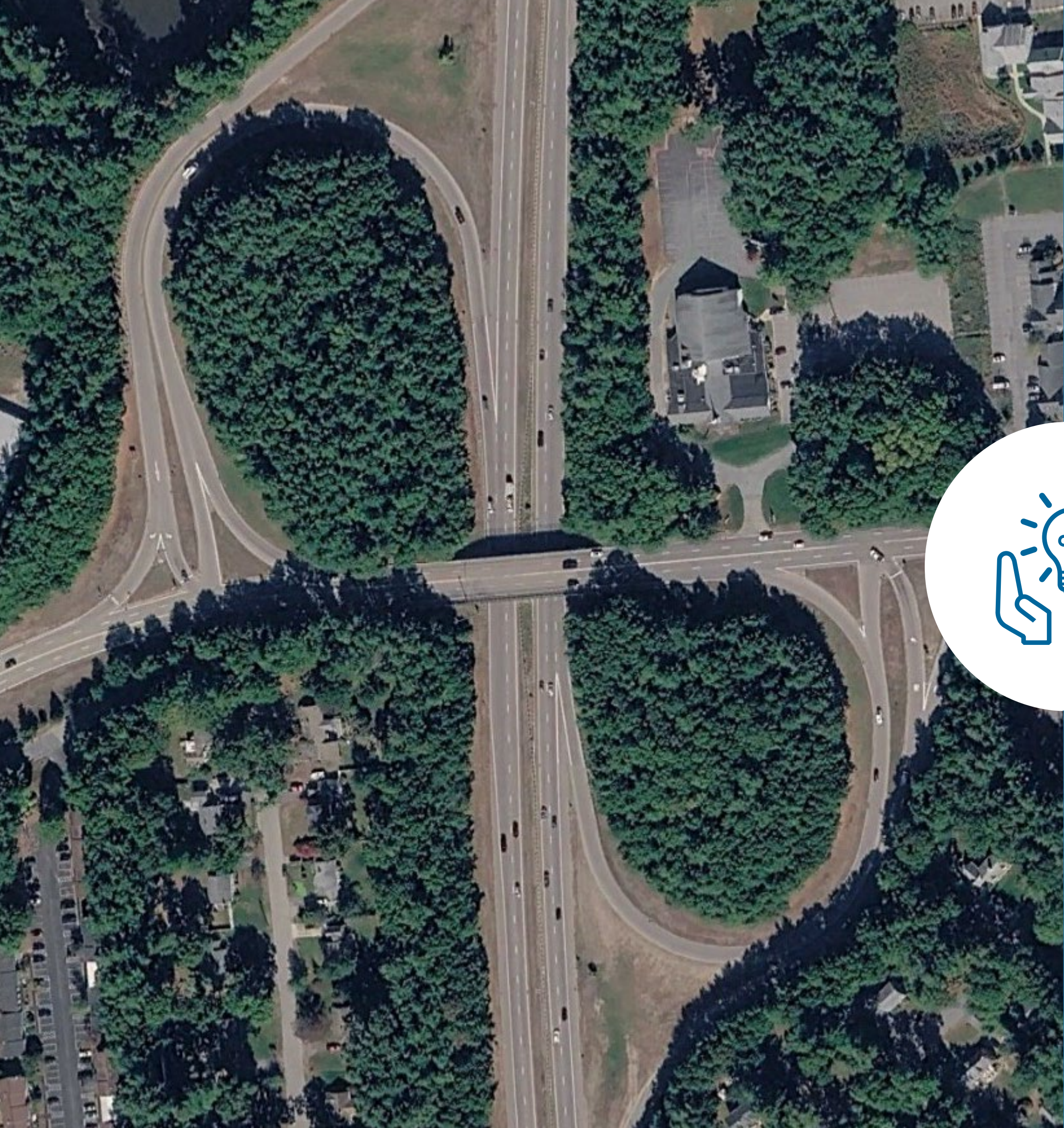
## Introductions – Hearing Panelists

- **MassDOT Project Manager**
  - Joe Yoo
- **MassDOT ROW Agent**
  - Lisa Szamreta
- **MassDOT District 5**
  - Suren Parajuly
- **MassDOT Producers**
  - Miranda Briseno
  - Chris Klem
- **Legislative Affairs**
  - Matthew Grew
- **Town of Kingston**
  - Valerie Massard
- **Town of Duxbury**
  - Matthew Heins
- **Vanasse & Associates, Inc.**
  - Mitchell Page, P.E.

- **Stenographer**
  - Advanced Court Reporting

# How did we get here?





**Why was this project initiated?**

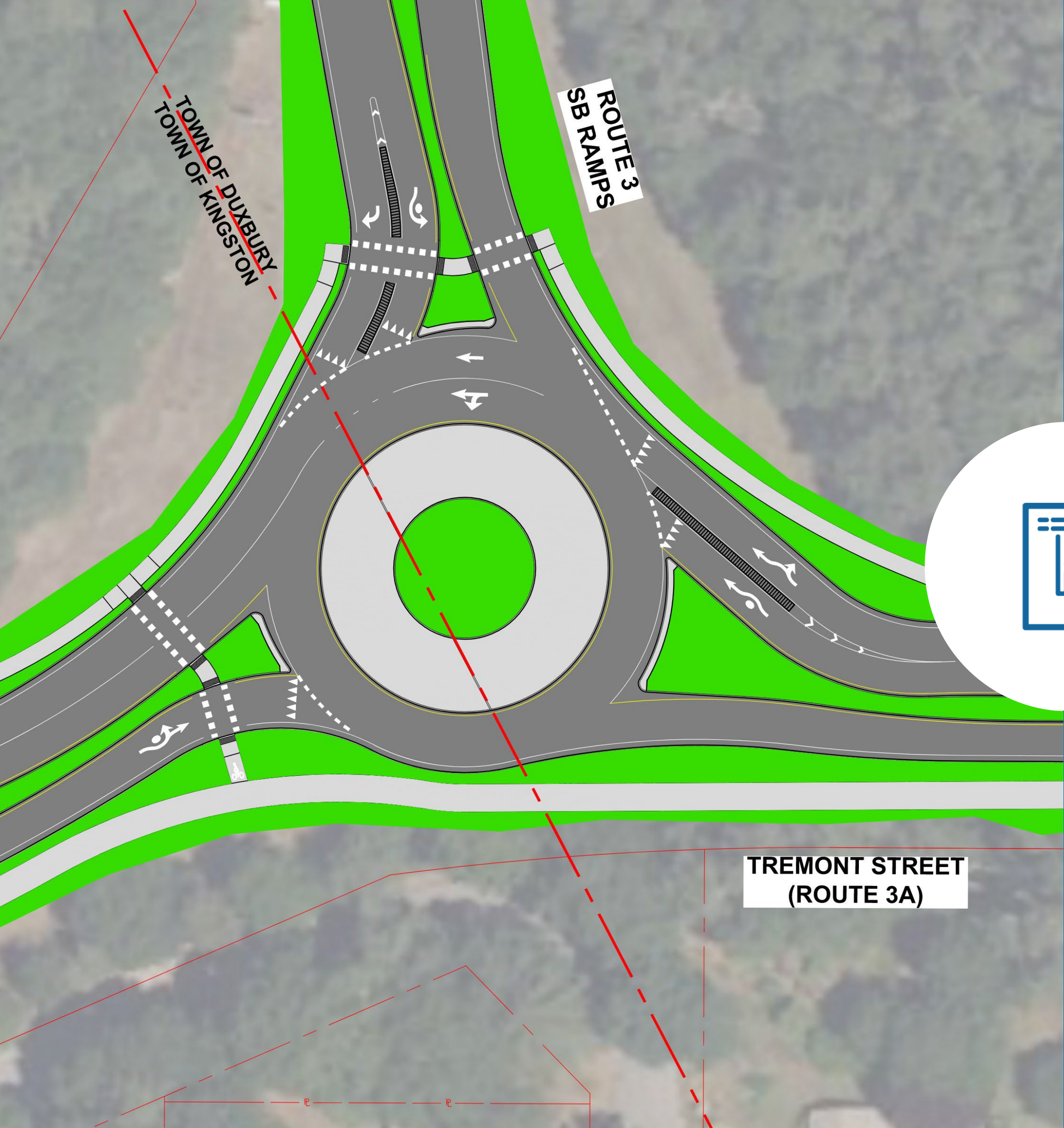
## Existing Conditions

- 45 MPH posted speed
- 2024 Traffic Counts – Route 3A
  - 13,700 vehicles per day (vpd) during an average weekday
- Crash Data – Route 3A at Route 3 Southbound Ramps
  - 56 accidents over the five-year review period, averaging 11.2 accidents per year
- Route 3A at Route 3 Northbound Ramps
  - 26 accidents over the five-year review period, averaging 5.2 accidents per year
- The crash rate for study area was observed to be higher than the MassDOT District 5 crash rates for signalized intersections
  - No fatalities were reported over the five-year review period

## Project Goals

- Improve traffic operations and safer travel for all users
- Reduce delays and vehicle queue lengths
- Improve access to surrounding businesses
- Provide bicycle and pedestrian accommodations





**What do we  
want to  
accomplish?**

## Project Scope

- Reconstruct the existing intersections
  - Route 3A (Tremont Street) at the Route 3 SB Ramps
  - Route 3A (Tremont Street) at the Route 3 NB Ramps
- New Shared-Use Paths (Bicyclists & Pedestrians)
- New Sidewalks and Pedestrian Curb Ramps
- New Buffered Bicycle Lanes
- Roadway Widening and Resurfacing
- Bridge Resurfacing
- New Pavement Markings and Signage
- Improve Roadway Drainage





**TREMONT STREET  
(ROUTE 3A)**

**ROUTE 3  
NB RAMP**



**What  
alternatives  
were  
considered?**

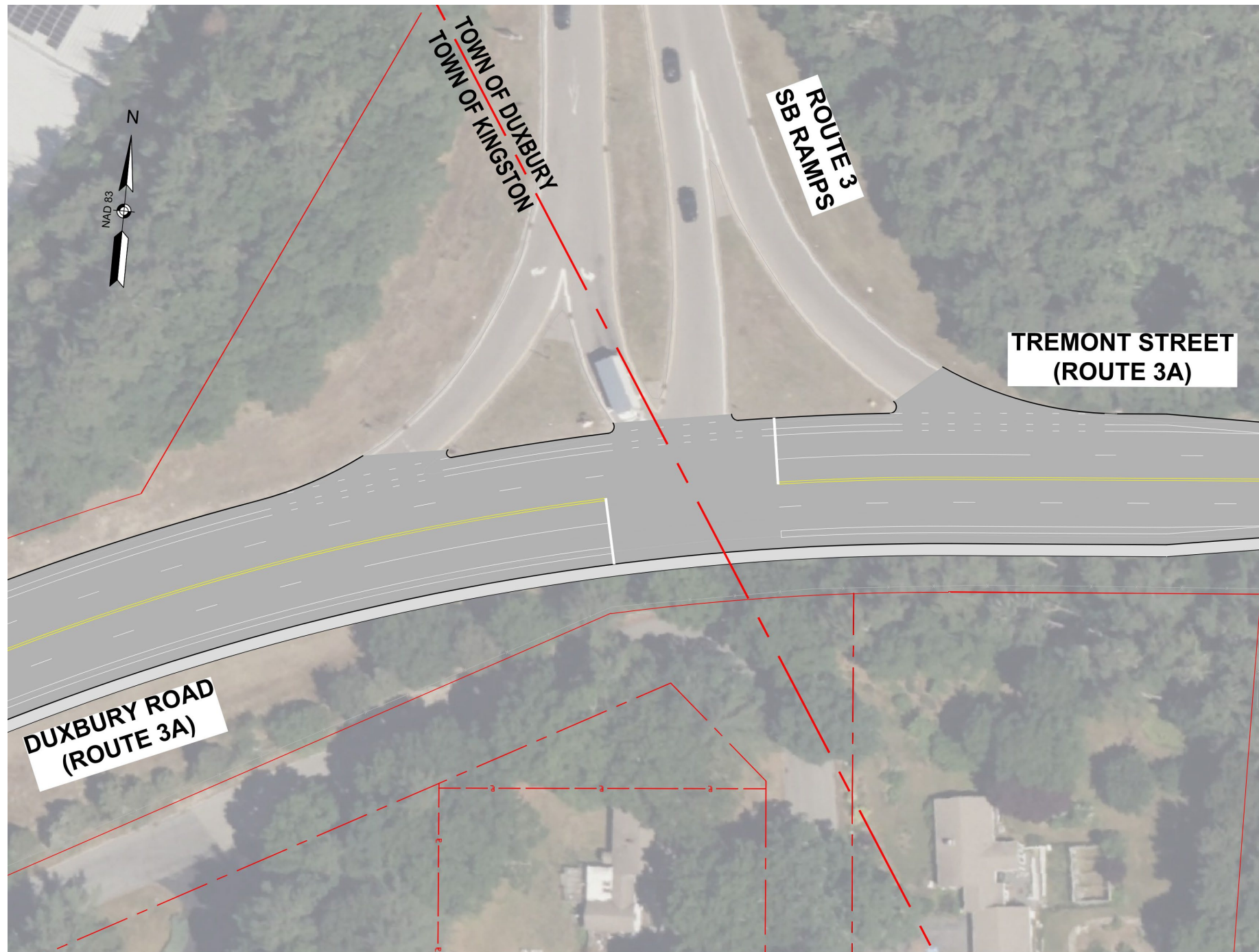
## Alternatives

- Design alternatives were considered through MassDOT's Intersection Control Evaluation (ICE) process
- Alternatives include:
  - Traffic Signal Control with existing roadway geometry
  - Traffic Signal Control with Continuous Green Tee
  - Roundabout



# Traffic Signal Control with Existing Roadway Geometry

Route 3A at Route 3 SB Ramps

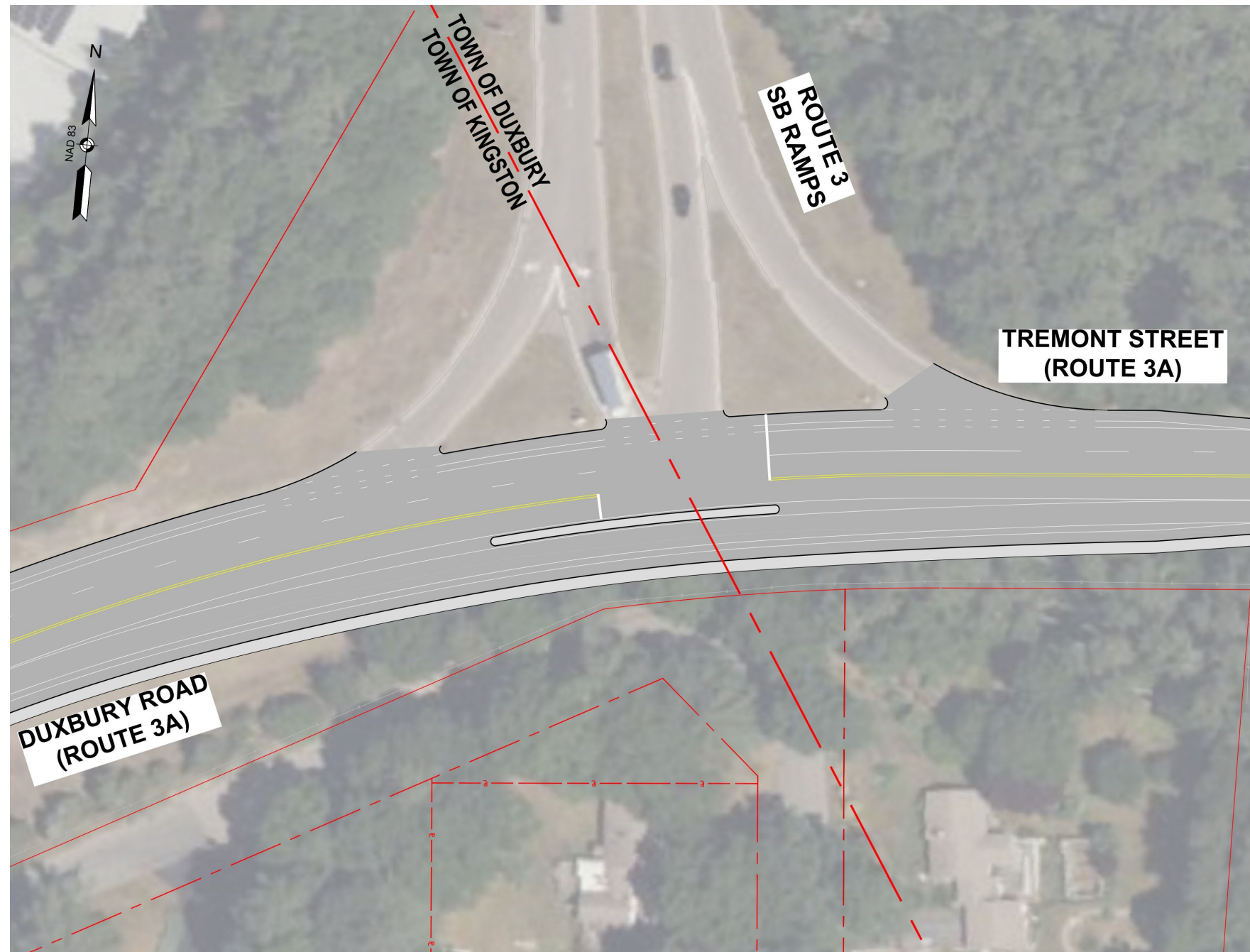


Route 3A at Route 3 NB Ramps

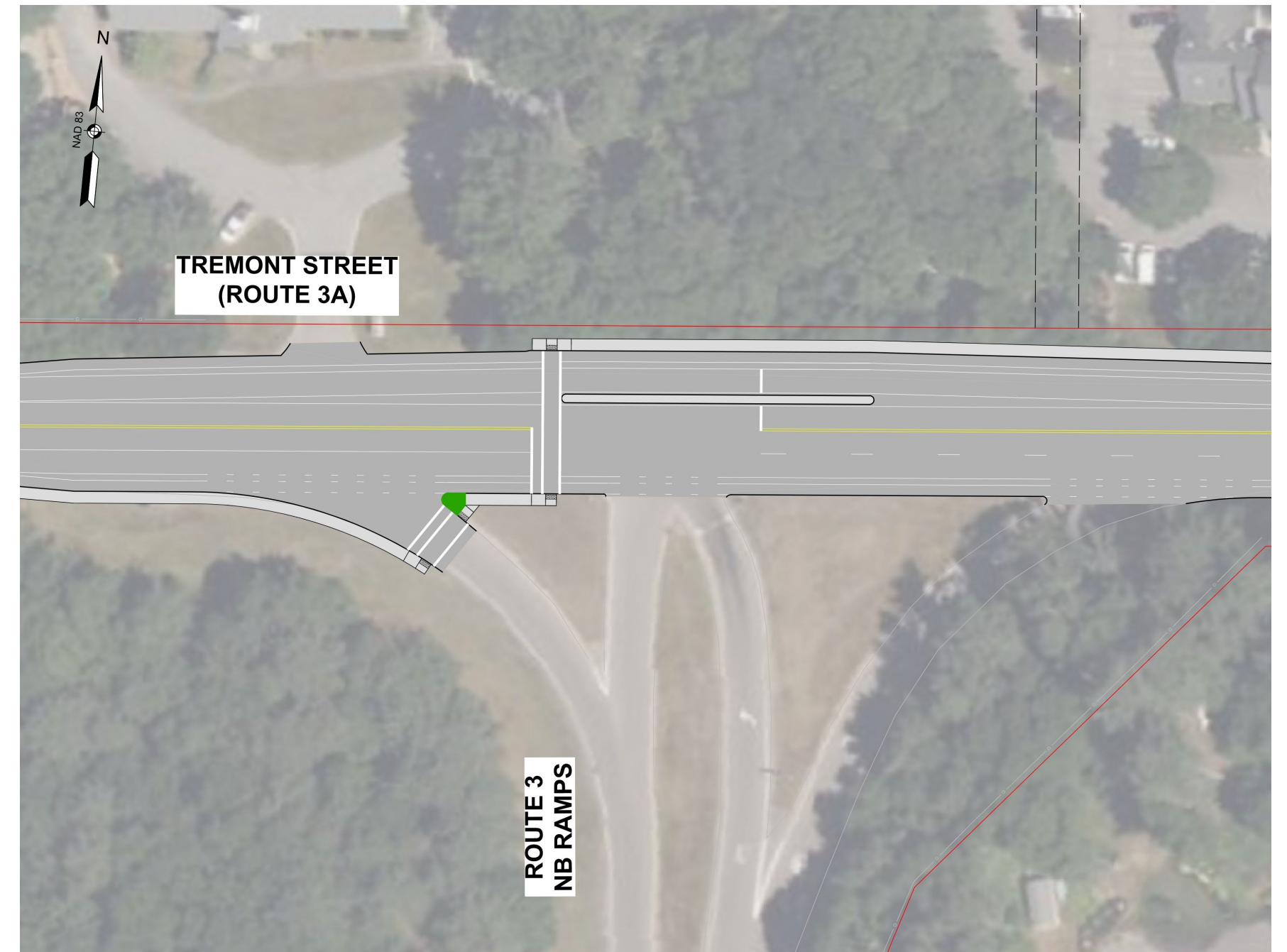


# Traffic Signal Control with Continuous Green Tee

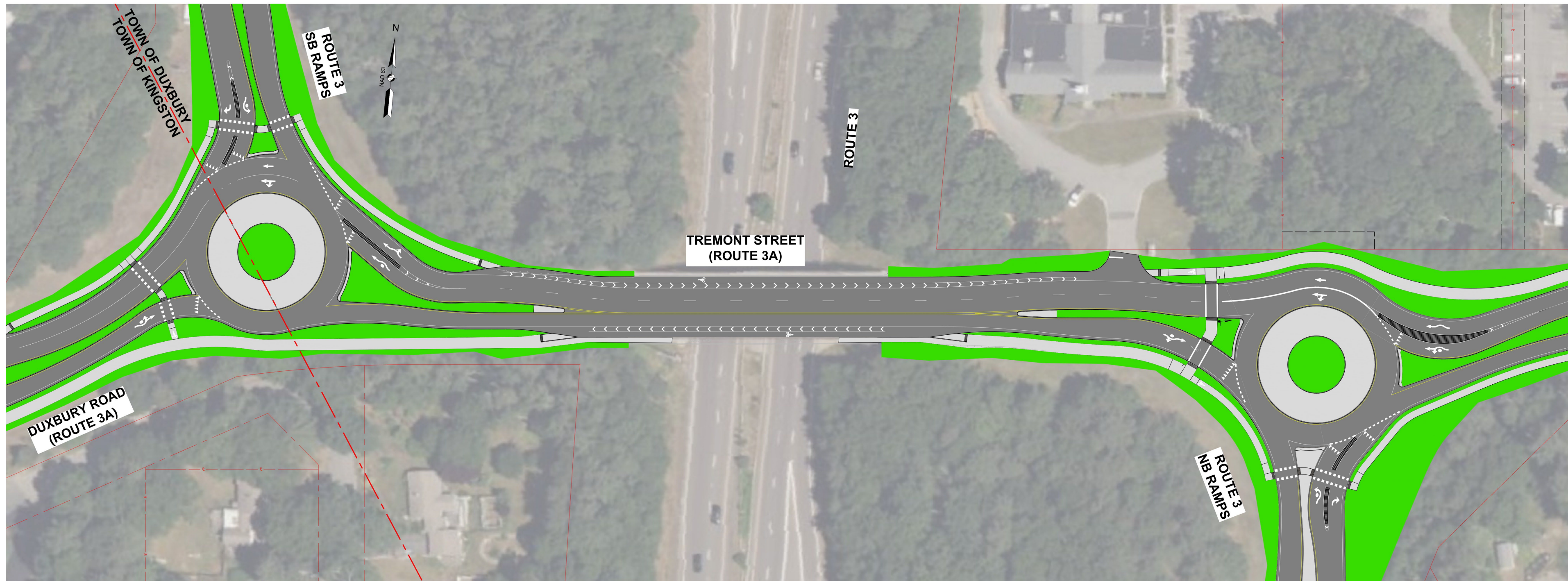
Route 3A at Route 3 SB Ramps

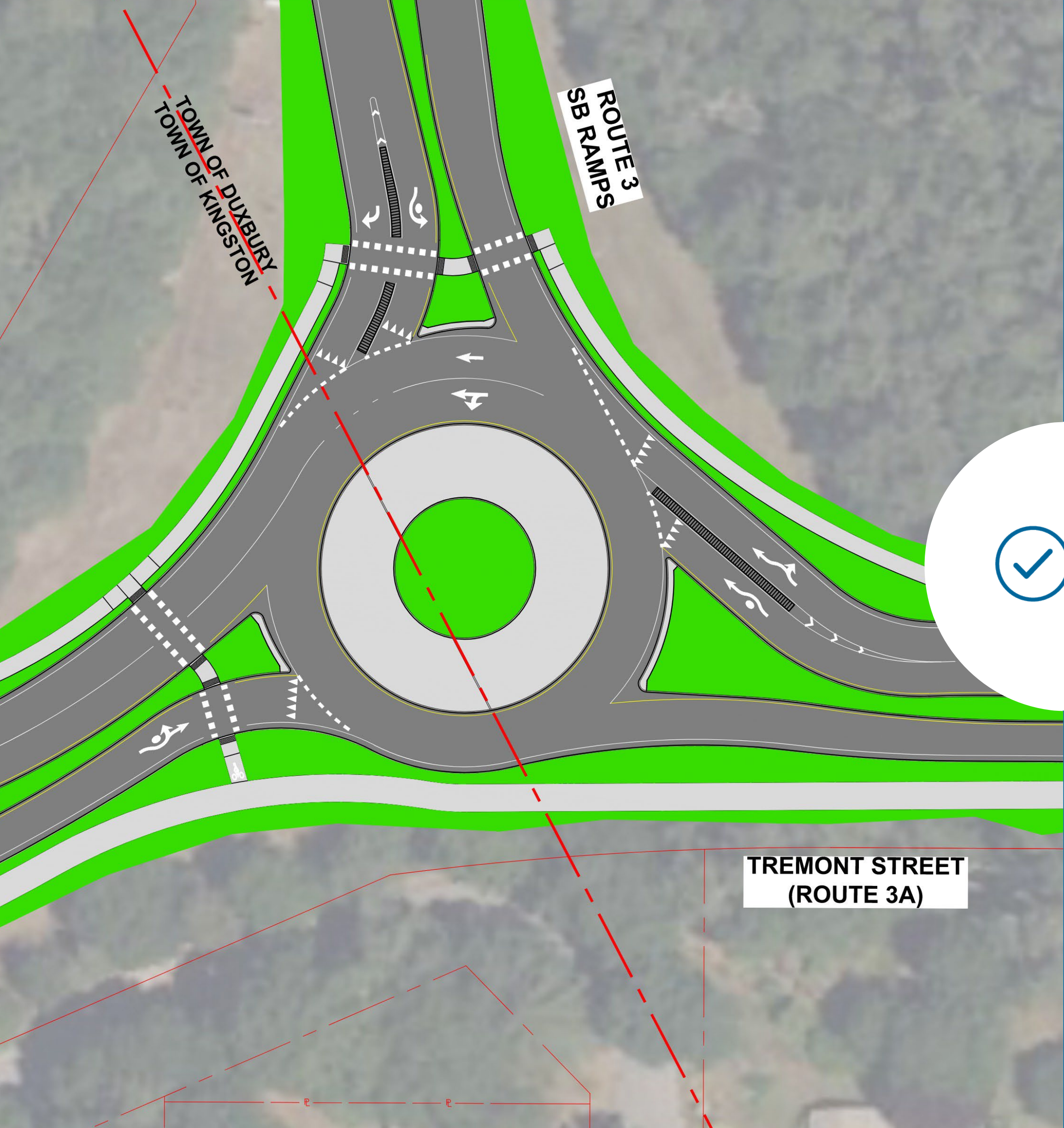


Route 3A at Route 3 NB Ramps



# Roundabout

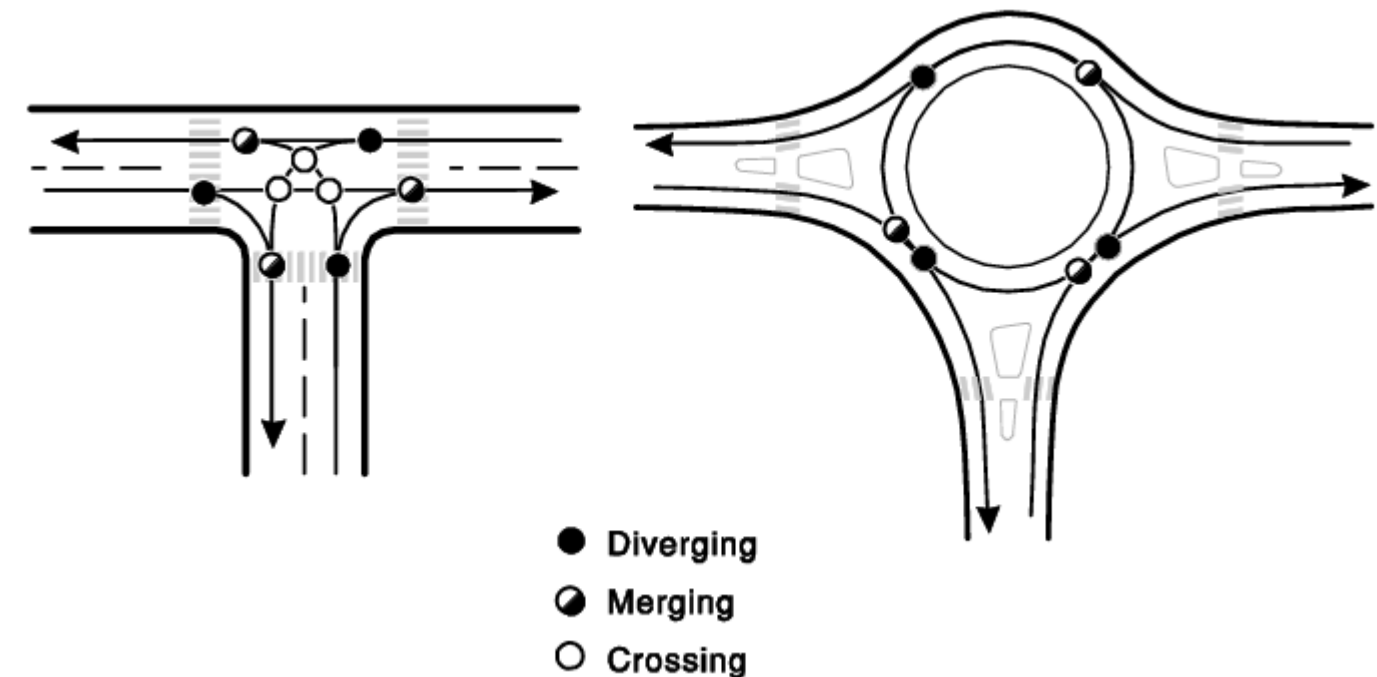




What is the preferred alternative?

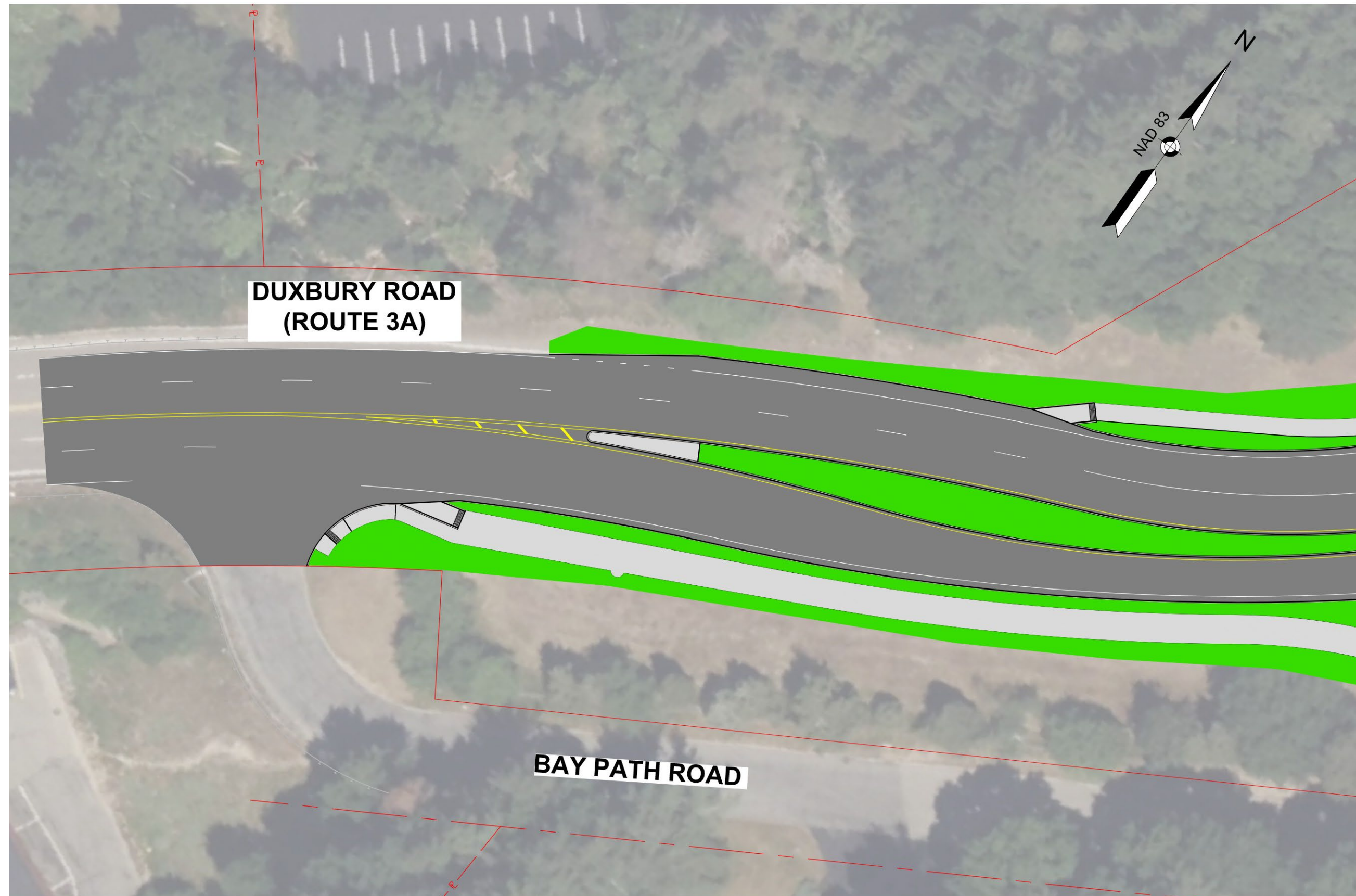
## Preferred Alternative - Roundabout

- ICE results point to the roundabout as the preferred intersection control strategy for safety, operations, and the net present value of costs.
- Characteristics of a roundabout
  - Fewer conflict points
  - Reduction in crash severity due to slower vehicle speeds
  - Pedestrians cross one direction of traffic at a time
  - Bicyclists have the option to travel within the roundabout or on the shared-use paths
- Traffic Operations
  - Improvements in Level of Service (LOS)
- Design Elements
  - Center island with truck apron
  - Splitter islands
  - Yield control
  - Crossings, bike ramps, sidewalks, and shared-use paths

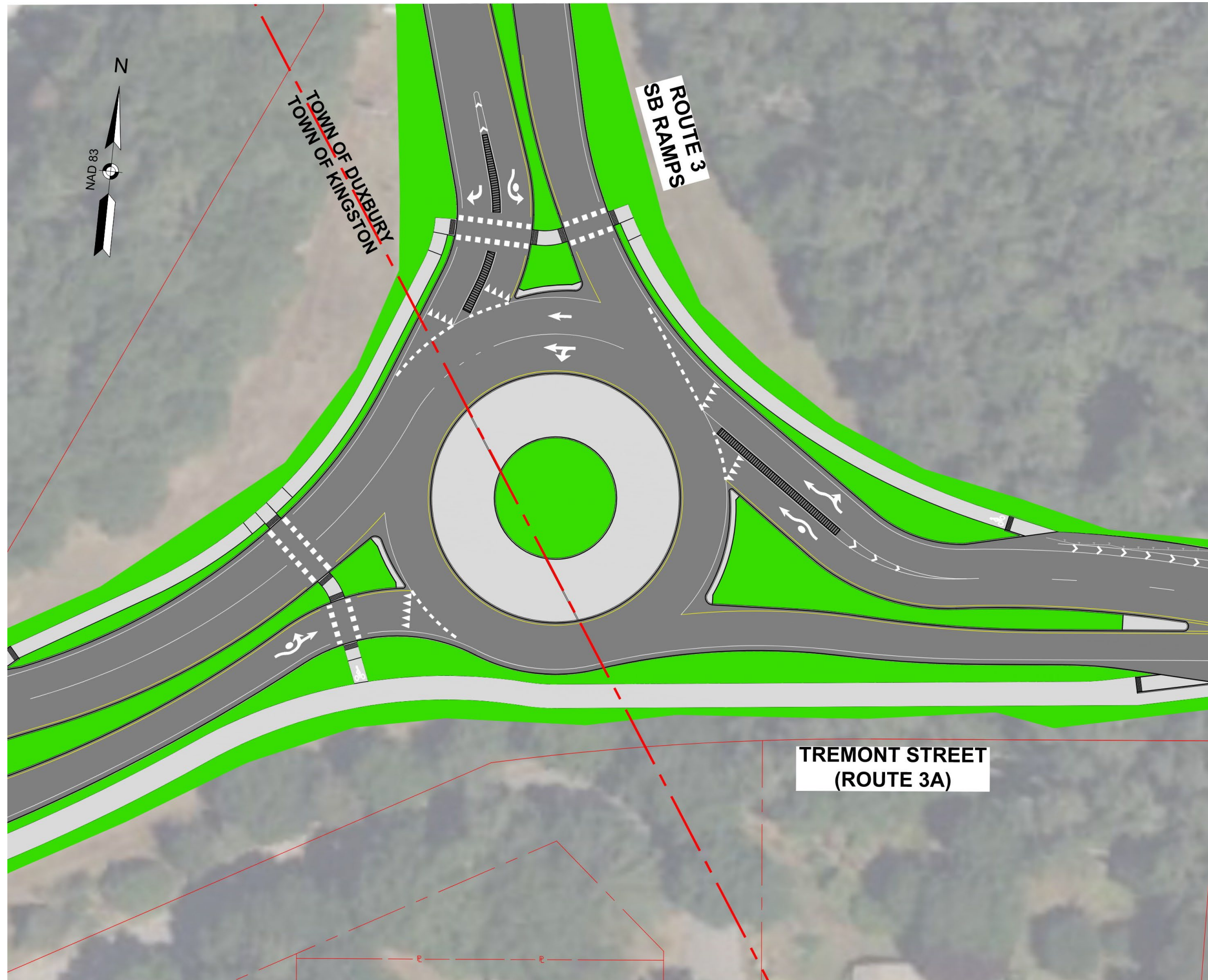


Source: "NCHRP Report 672 "Roundabouts:  
An Informational Guide – Second Edition"  
Exhibit 5-1

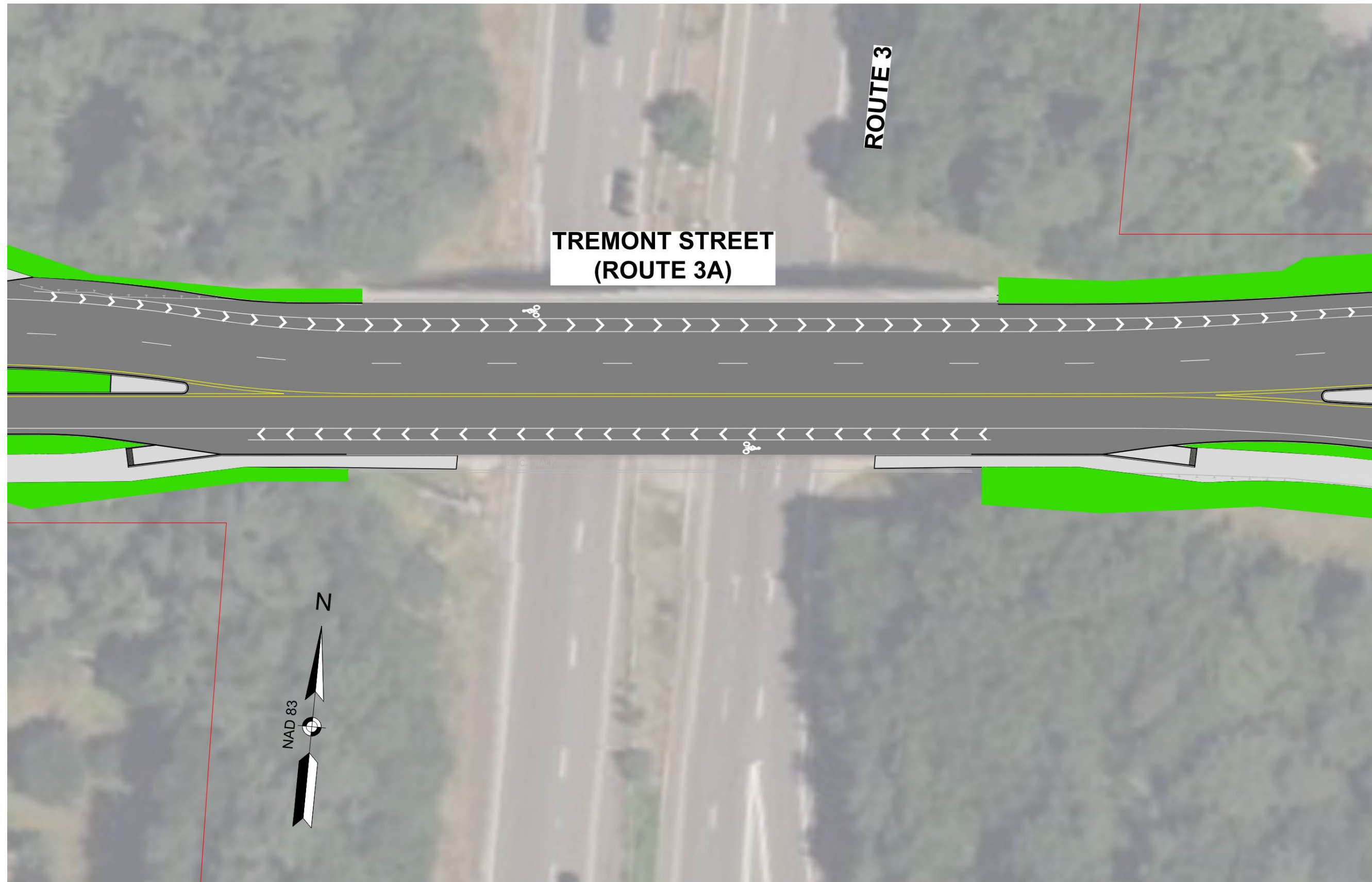
# Preferred Alternative - Roundabout



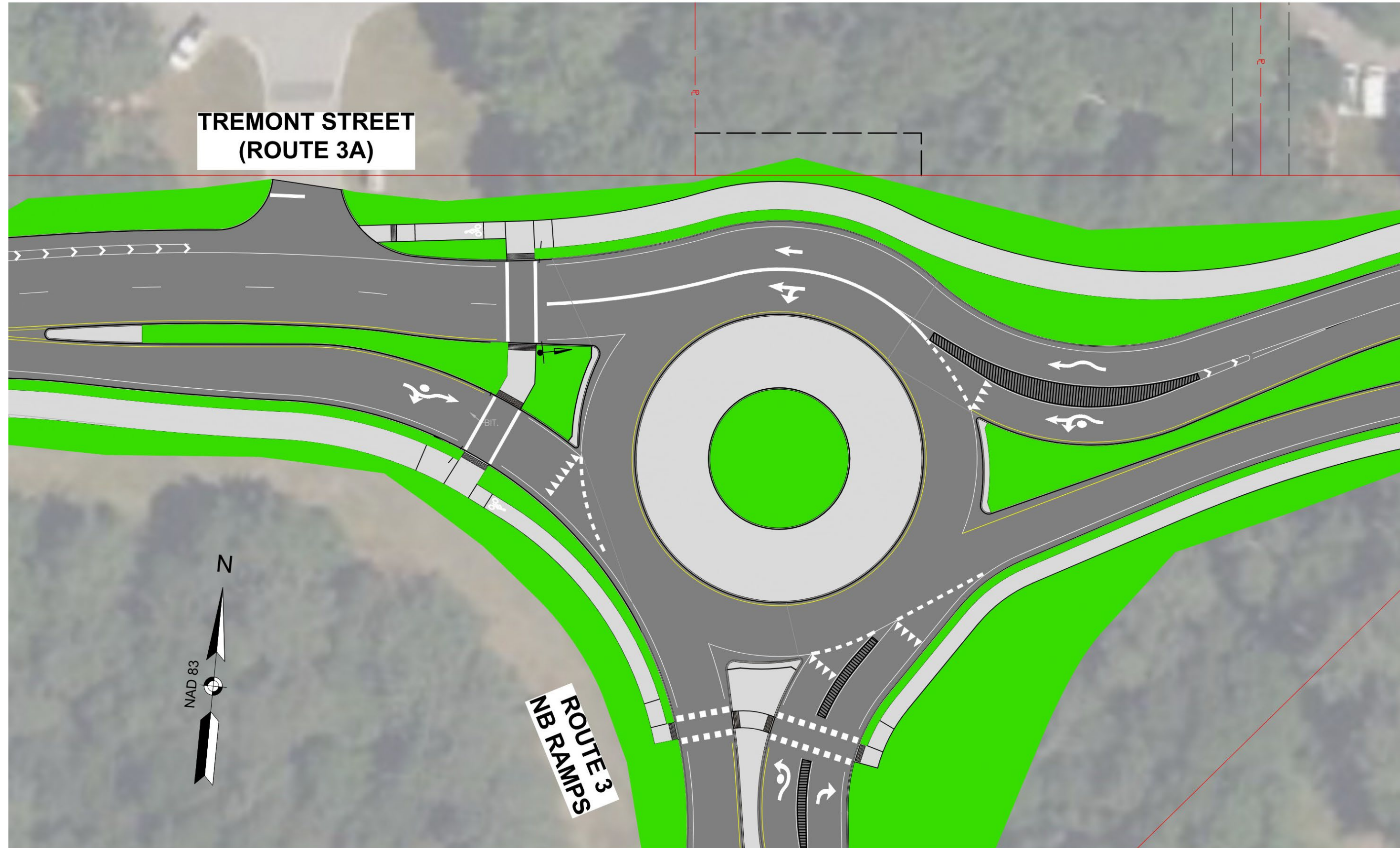
# Preferred Alternative - Roundabout



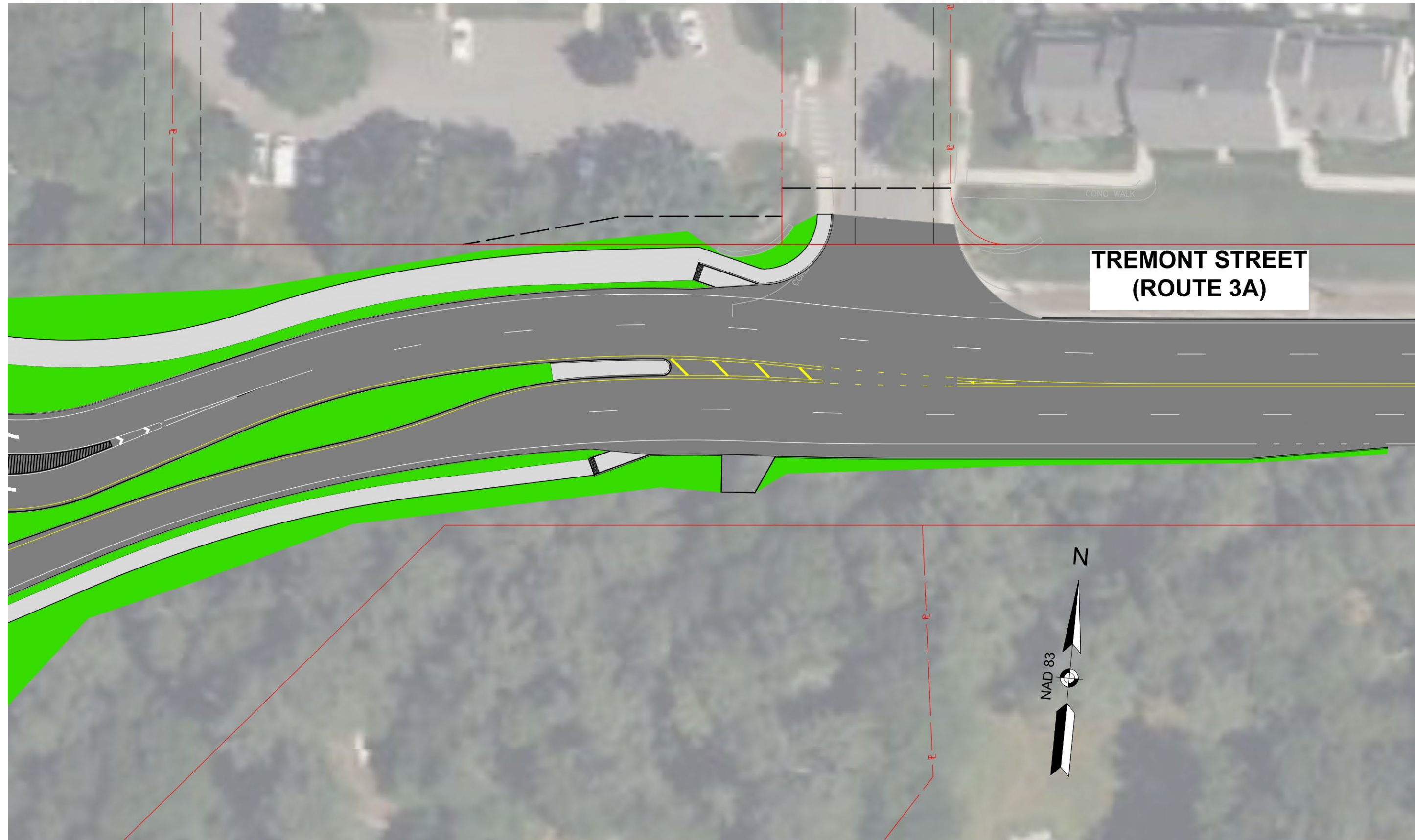
# Preferred Alternative - Roundabout



# Preferred Alternative - Roundabout



# Preferred Alternative - Roundabout





**How will your  
property be  
impacted?**

## Preliminary Right of Way (ROW) Discussion

- MassDOT is responsible for acquiring all necessary rights in public land for design, construction, and implementation of this project.
  - Fee takings, permanent easements and/or temporary construction easements may be required.
- Affected property owners will be contacted by personnel from MassDOT ROW Bureau
  - Property owners are protected under Massachusetts General Laws, primarily Chapter 79.
  - If Project receives federal funds, property owners are further protected under Title III of the Real Property Act of 1970, as amended.
- Preliminary ROW drawings will be available at the Design Public Hearing for public review and comment at the Kingston Planning Board, 26 Evergreen Street Kingston, MA 02364

**At this stage of design, the Right of Way process has not been finalized. This meeting is an opportunity for the public to comment on any impacts to properties.**



**How will  
bicyclists and  
pedestrians  
be impacted?**

## Bicycle and Pedestrian Impacts

- Route 3A does not currently have bicycle or pedestrian facilities within the limits of work
- The proposed project will have sidewalks, shared-use paths, crosswalks, and buffered bicycle lanes





**What are the environmental, cultural resource, and community impacts?**

# Environmental Impacts

- The project results in a minor increase in impervious area
  - Improvements include drainage system upgrades (deep sump catch basins)
- No wetlands or buffer areas within project limits
- The project falls within the South Shore Coastal Zone Management (CZM) and the Impaired Waters Watershed Priority #4: South Coastal area



Coastal Zone  
 ■  
 Property Tax Parcels



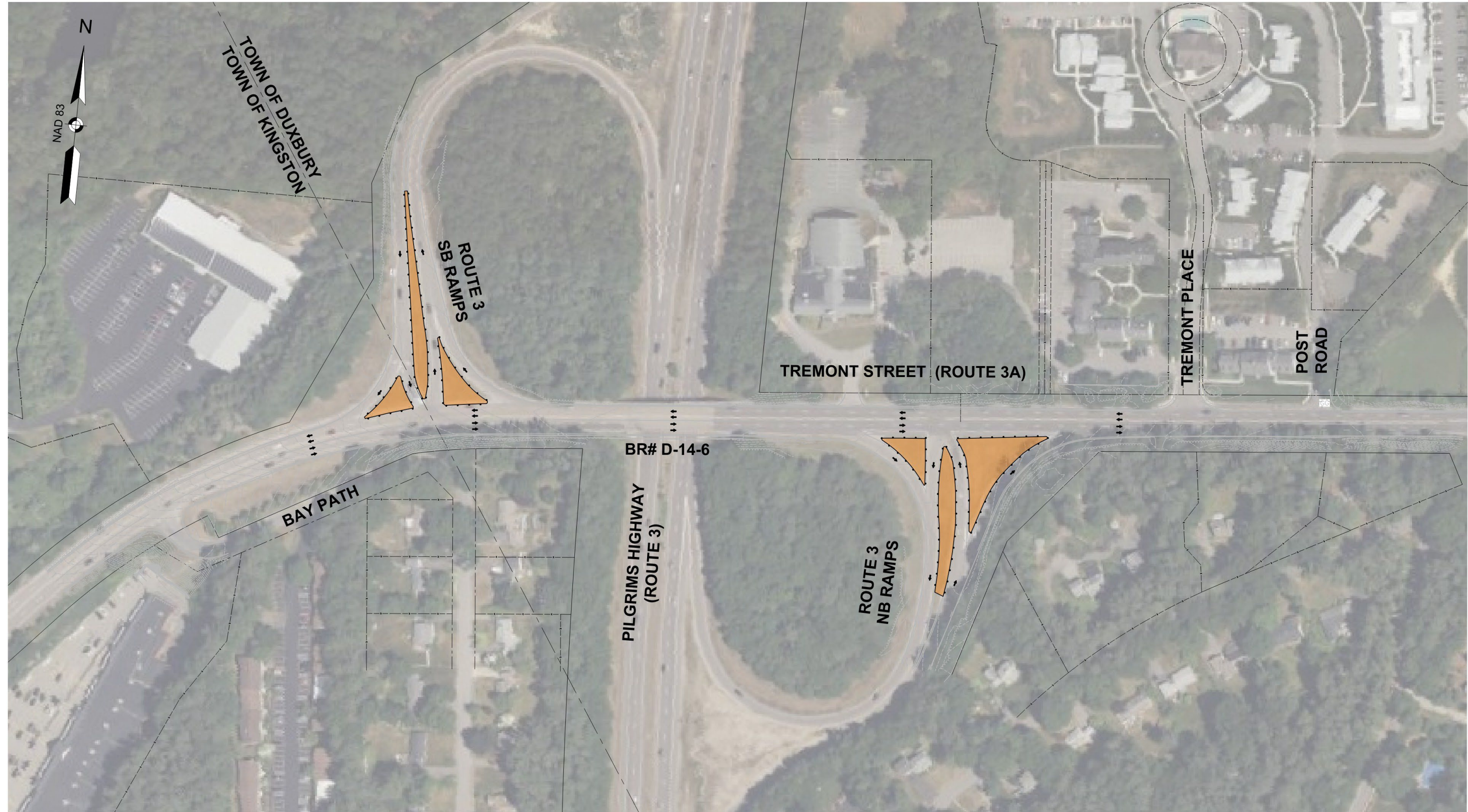
**How will the road user be affected?**

## Project Delivery: Design Bid Build

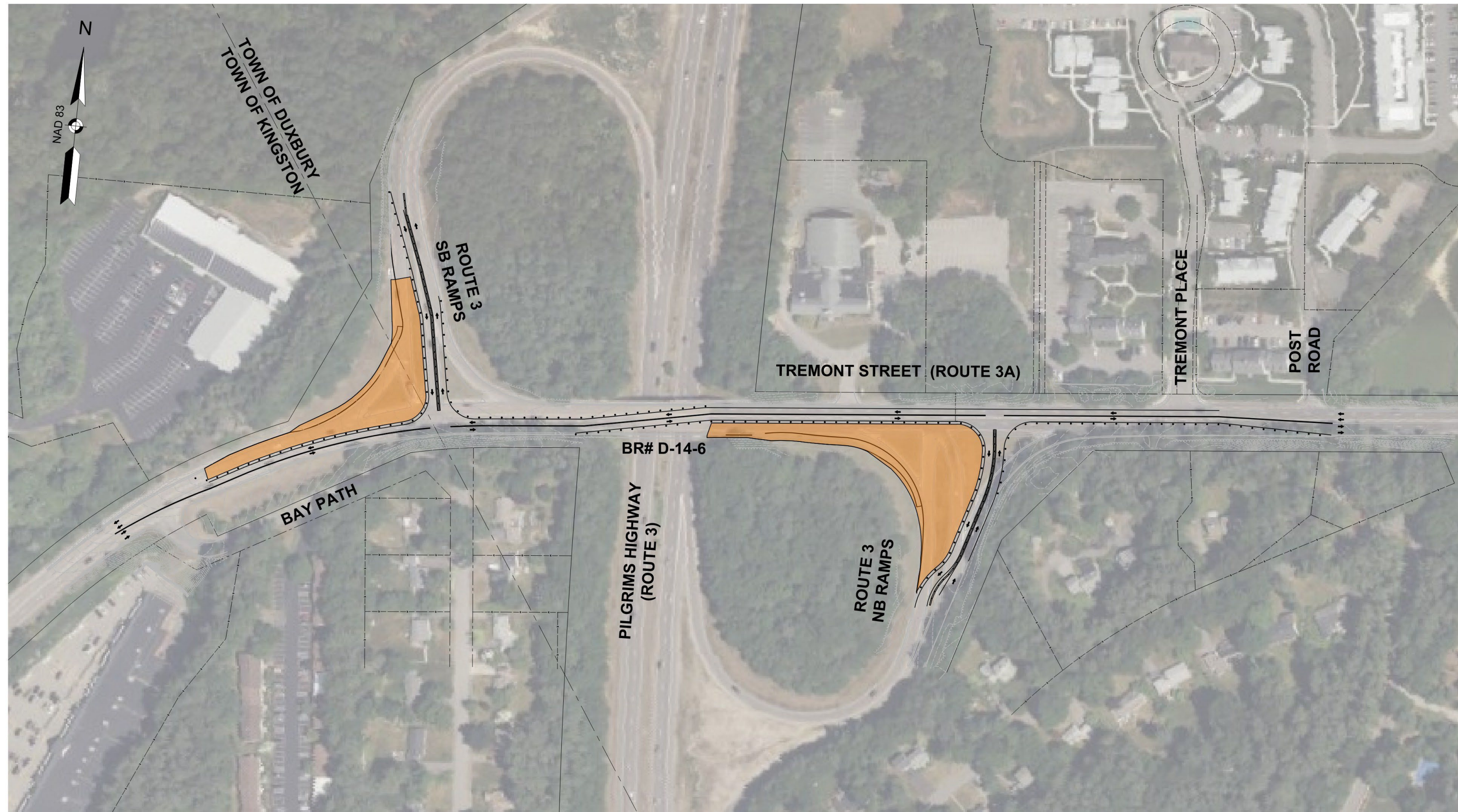
- Construction is anticipated to occur weekdays during daytime hours.
- Some night work may be allowed for paving and other operations to avoid peak traffic times.
- Roadway closures and detours are not anticipated for this project.
- Reduction in roadway capacity may be required during off-peak hours.
- Access to adjacent businesses will be maintained throughout the construction.
- A MassDOT Resident Engineer will be available everyday during construction for questions and coordination between the Contractor and abutters.



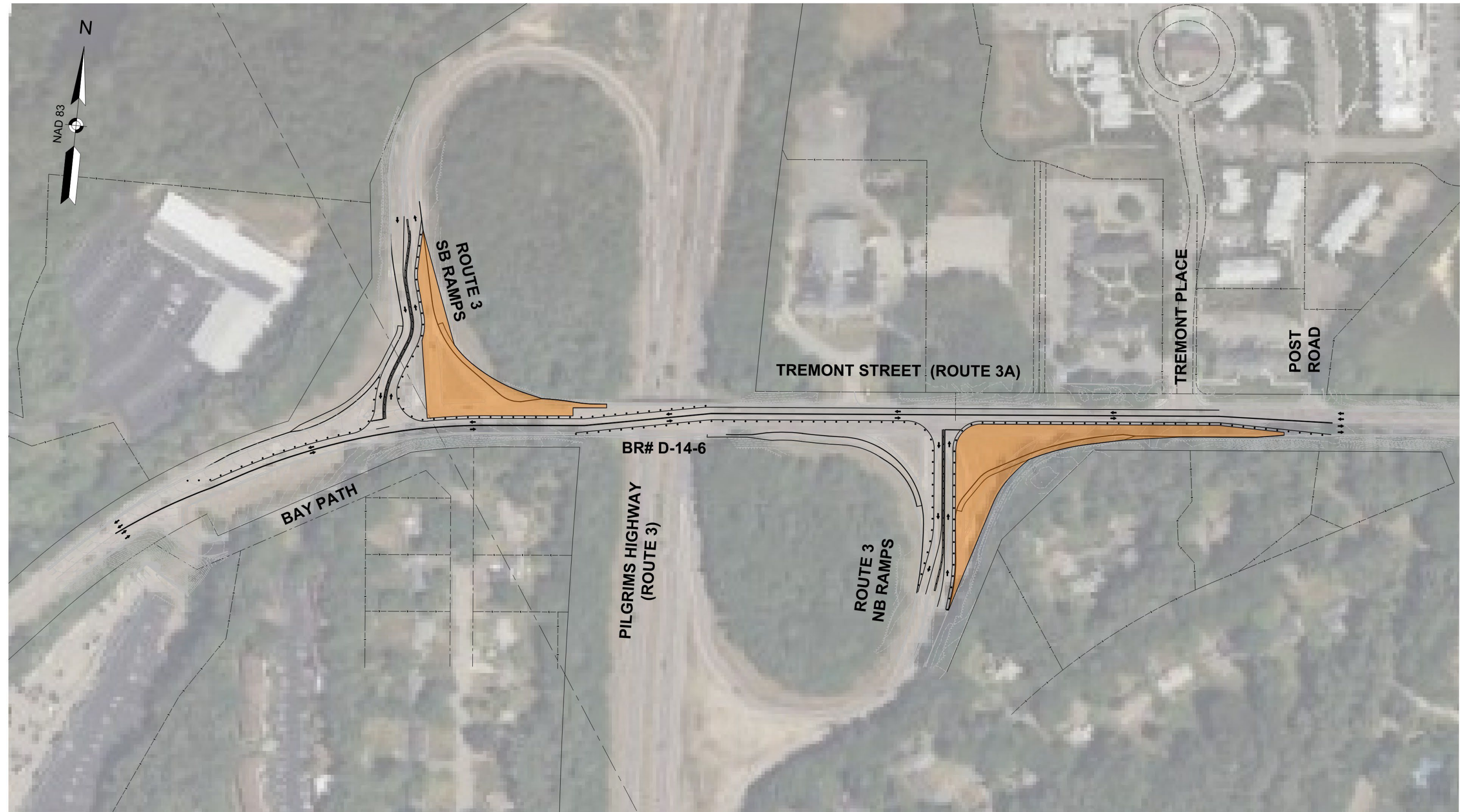
# Construction Staging



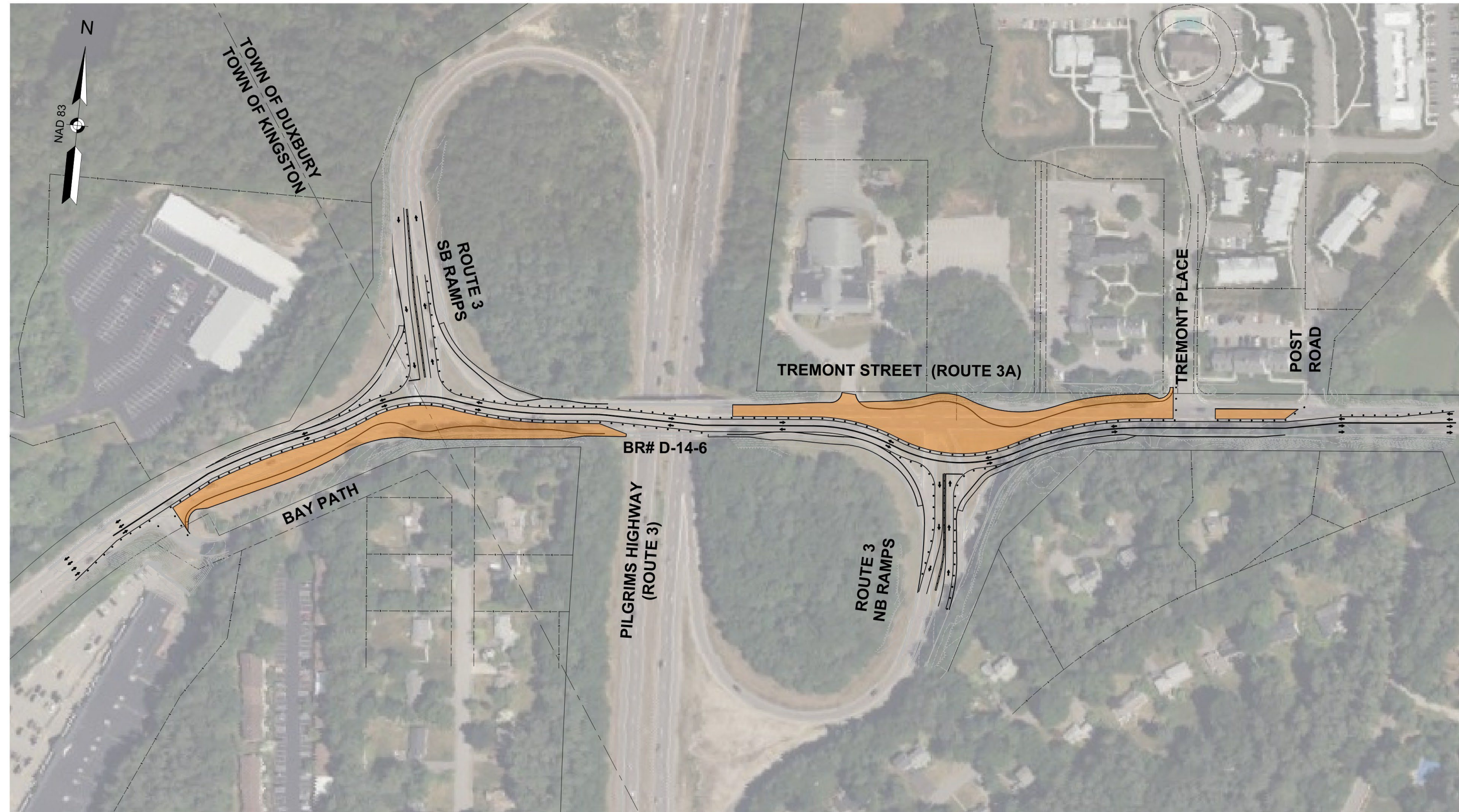
# Construction Staging



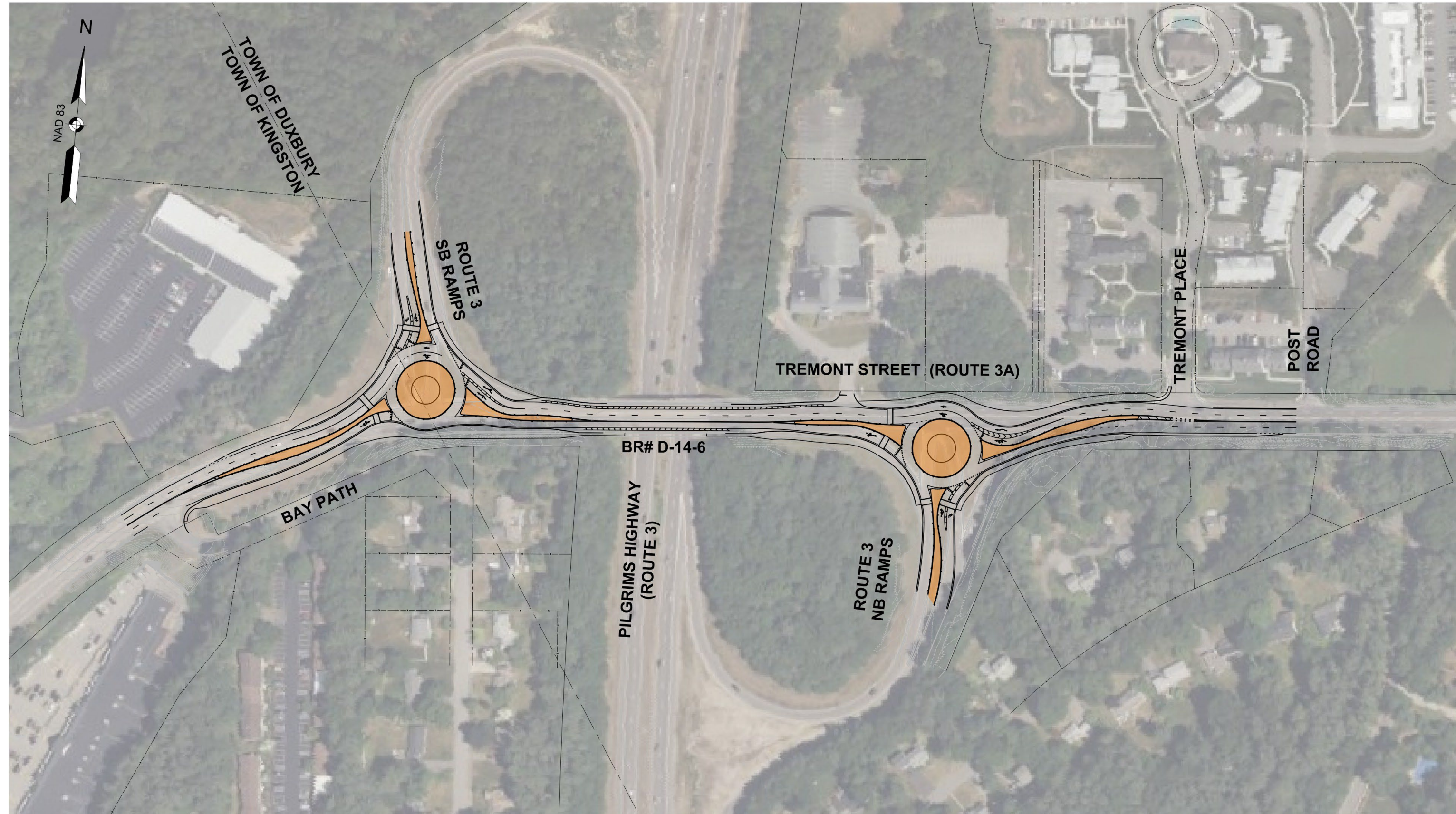
# Construction Staging



# Construction Staging



# Construction Staging





**How will we  
keep you  
informed?**

## Our next steps



75% Design  
Submission  
Late Summer 2026



100% Design  
Submission  
Winter 2026



PS&E Submission  
Spring 2027



Advertise for Bids  
Spring 2028



Construction  
Contract NTP  
Summer 2028

# Project Funding

- Current project estimate is \$8,800,000
  - materials (bid items)
  - police details
  - utility relocation (if needed)
- Does not include ROW acquisition costs
- Project must be programmed in the Statewide Transportation Improvement Program (STIP) in the appropriate Federal Fiscal Year
- Funding breakdown –
  - 80% federal, 20% state



## How to reach us

- Submit email comments to:  
[MassDOTProjectManagement@dot.state.ma.us](mailto:MassDOTProjectManagement@dot.state.ma.us)
- For project information visit the MassDOT Upcoming Events for Highway Division web site at <http://www.mass.gov/orgs/highway-division/events> or used the QR Code:

- Submit written comments to:  
Carrie Lavalley, P.E., Chief Engineer  
MassDOT  
10 Park Plaza  
Boston, MA 02116



Attention: KINGSTON - DUXBURY INTERSECTION IMPROVEMENTS AT ROUTE 3 RAMPS (NB/SB) AND ROUTE 3A (TREMONT STREET), PROJECT FILE NO. [606002]



# Questions and answers

## Questions and answers



- “Raise your hand” to be unmuted for verbal questions (Alt + Y shortcut)



- Submit your questions and comments using the Q&A button



- Please state your name before your question



- Please share only 1 question or comment at a time, limited to 2 minutes, to allow others to participate



- To ask a question via phone, dial \*9 and the moderator will call out the last 4-digits of your phone number and unmute your audio when it is your turn

**All questions and comments are subject to disclosure for public records. Please use these functions for project related business only.**



# ***Thank You***

## ***KINGSTON - DUXBURY INTERSECTION IMPROVEMENTS AT ROUTE 3 RAMPS (NB/SB) AND ROUTE 3A (TREMONT STREET)***

Virtual Meeting | June 2, 2026 | 6:00 PM

Project File No. 606002

Joe Yoo - [Joseph.Yoo@dot.state.ma.us](mailto:Joseph.Yoo@dot.state.ma.us)