



# Quincy – Intersection Improvements at Willard Street & Ricciuti Drive

*25% Design Public Hearing*

Virtual Meeting | August 29, 2023 | 6:00 PM

Project File No. 610823



# Zoom Hearing Controls



- Listen in Cantonese and Mandarin



- Ask a question and share comments



- Raise your hand - \*9 for users dialing in and Alt + Y to raise your hand



- If you are unable to access the internet or are having technical problems, please call into the meeting at 1-646-876-9923, Webinar ID: 861 5892 7856.



Live Transcript

- Closed captioning automatically generated by Zoom

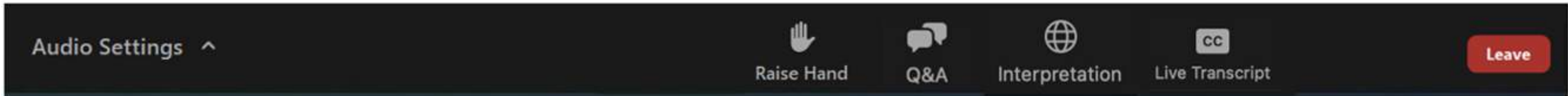


- Use the View button in the upper right-hand corner to adjust the meeting view settings to your preference



**If you have trouble with the meeting technology during the presentation, please call:**

**[+1.888.799.9666]**



# Public Hearing Notes and Procedures

**Notification of Recording** This virtual public hearing will be recorded. The Massachusetts Department of Transportation may choose to retain and distribute the video, still images, audio, and/or transcript. All parts of this hearing are considered public record.

- By continuing attendance with this virtual public hearing, you consent to participate in a recorded event.
- If you are not comfortable being recorded, please turn off your camera, and keep your microphone muted, or excuse yourself from the hearing.

## **Other Important Notes**

- Your microphone and webcam are automatically disabled upon entering this hearing.
- The hearing will be open to questions and answers at the end of the formal presentation.
- Please take time to respond to our survey! Your feedback is important.

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Department**

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- 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.

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

# Thank You for Your Support

## Local Newspaper Advertisement:

Patriot Ledger  
Quincy Sun

## MassDOT Facebook and Twitter:

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 MassDOT

## Municipal Organizations:

City of Quincy  
Disability Commission  
Council on Aging

## Community Organizations and others:

Boston Regional Metro Planning Organization  
Registry of Motor Vehicles

The Patriot Ledger  
**The Quincy Sun** 



REGISTRY OF MOTOR VEHICLES

# Presentation Participants

## MassDOT Project Manager

- Kathy Dougherty

## MassDOT ROW Agent

- Mark Hicks

## MassDOT Producers

- Kayla Sousa
- Michael McNutt

## MassDOT District 6

- Joseph Doucette

## City of Quincy

- Allison Ruel, City Traffic Engineer
- Edward Grennon, City Director of Dept. of Traffic, Parking, Alarm and Lighting

## Fuss & O'Neill

- Matthew Skelly, Senior Project Manager
- Katherine Patch, Senior Transportation Engineer

## Language Translation Speakers

- **Cantonese**
  - Hao An Wong
- **Mandarin**
  - Jin Lou

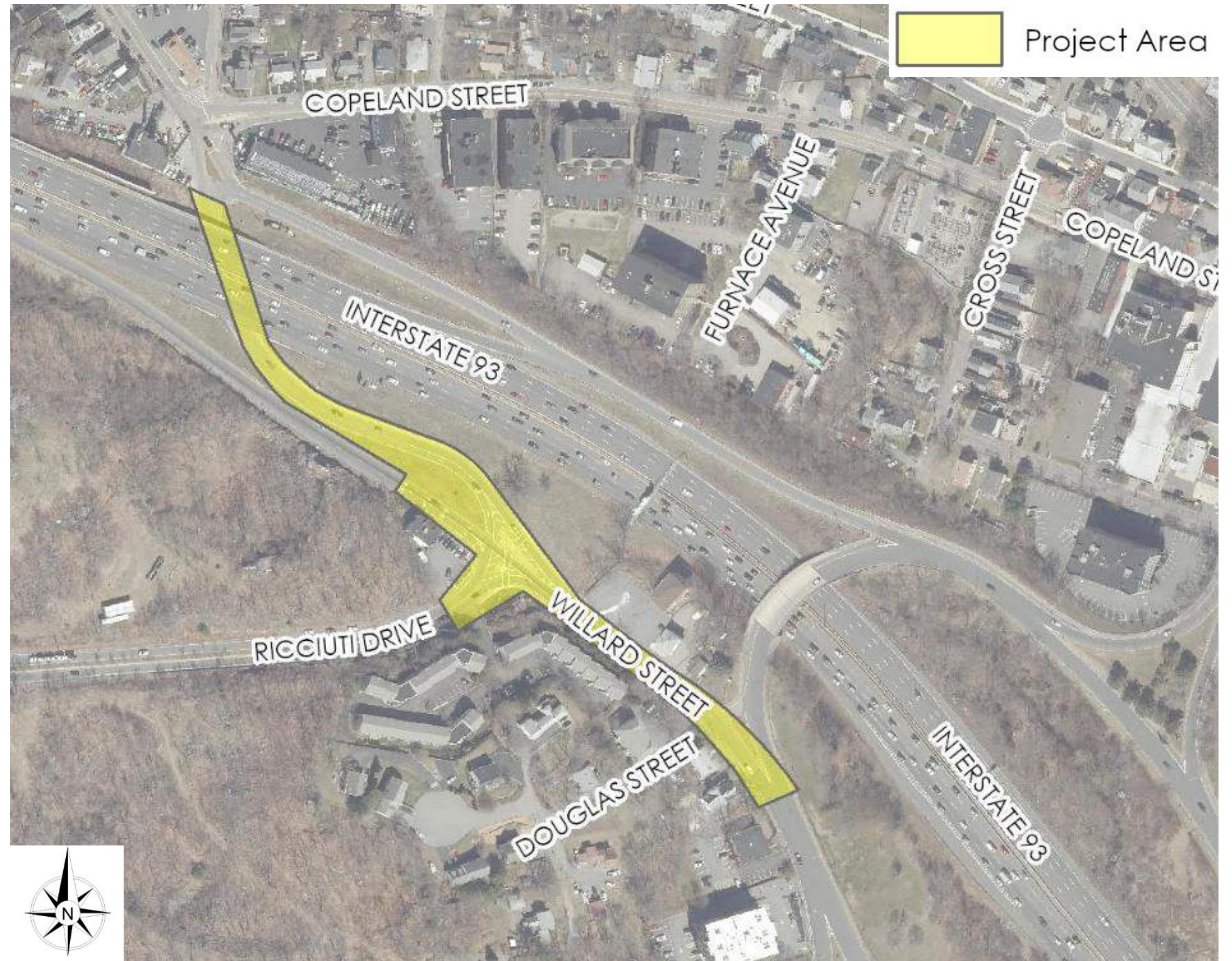
# Agenda

- 01 Project Area & Background
- 02 Project Initiation
- 03 Project Goals
- 04 Design Alternatives
- 05 Proposed Scope of Work
- 06 Next Steps
- 07 Project Impacts
- 08 Questions & Discussions



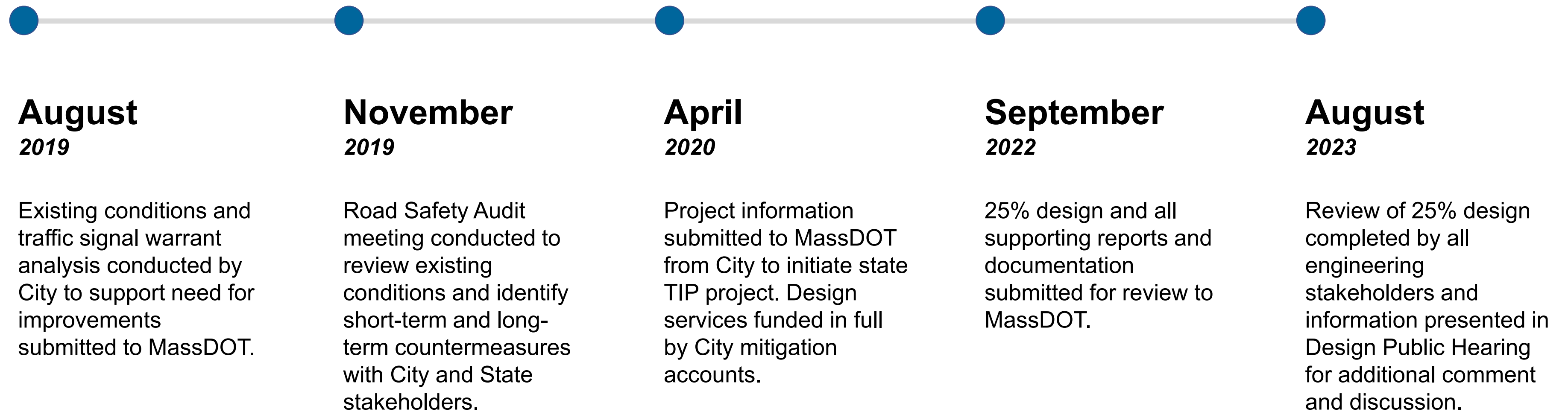
# Project Area

Intersection of Willard Street,  
Ricciuti Drive, and the I-93  
Southbound Exit 8 Off-Ramp





# How did we get here?





**Why was this project initiated?**

# Safety Concerns

A Road Safety Audit (RSA) was conducted in November 2019 which noted the following:

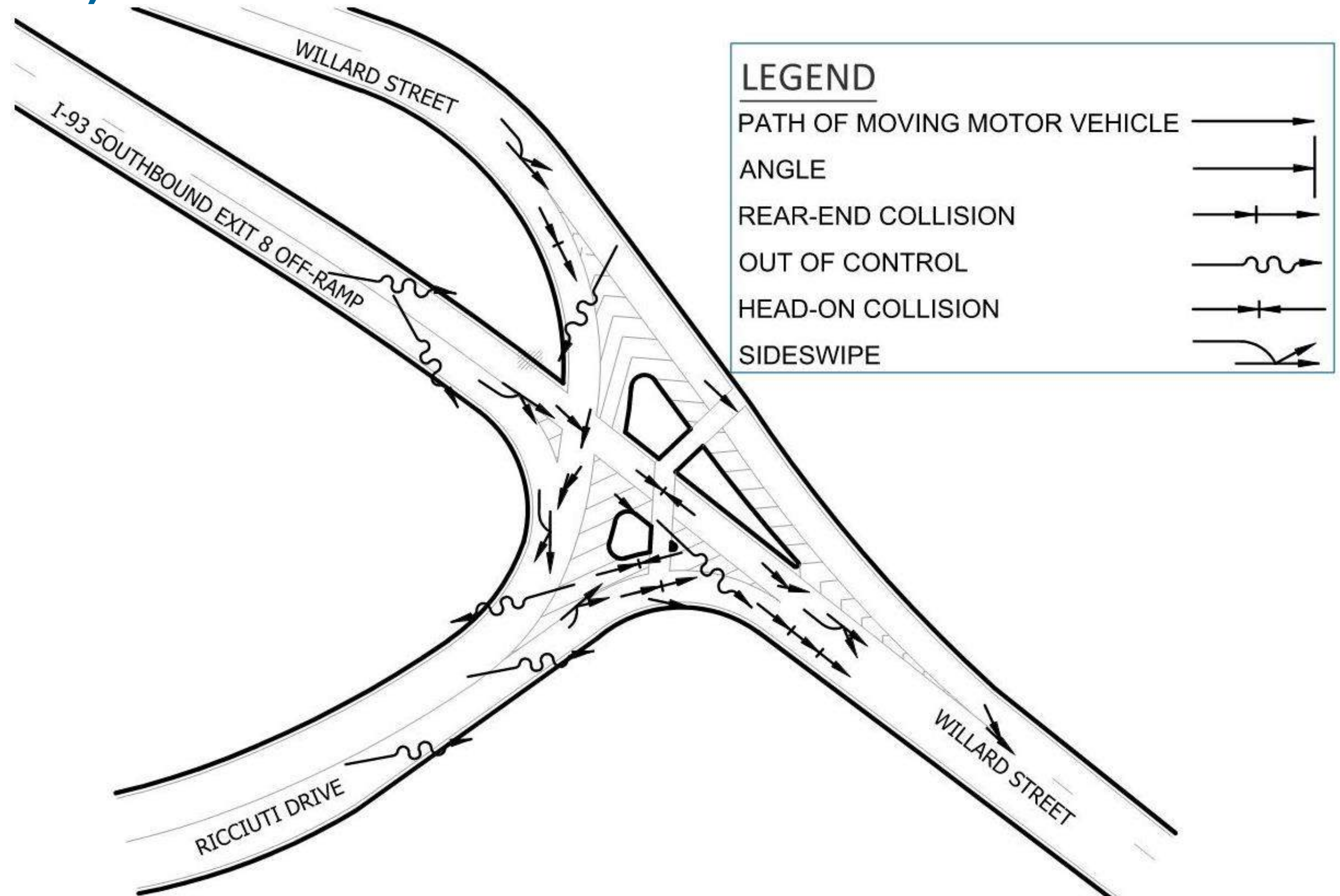
- High vehicle speeds and volumes on the off-ramp
- Very few gaps in traffic
- Poor sight distance
- Inadequate pavement markings and signage



## Safety Concerns (cont.)

Crashes between 2016 and 2020 were studied.

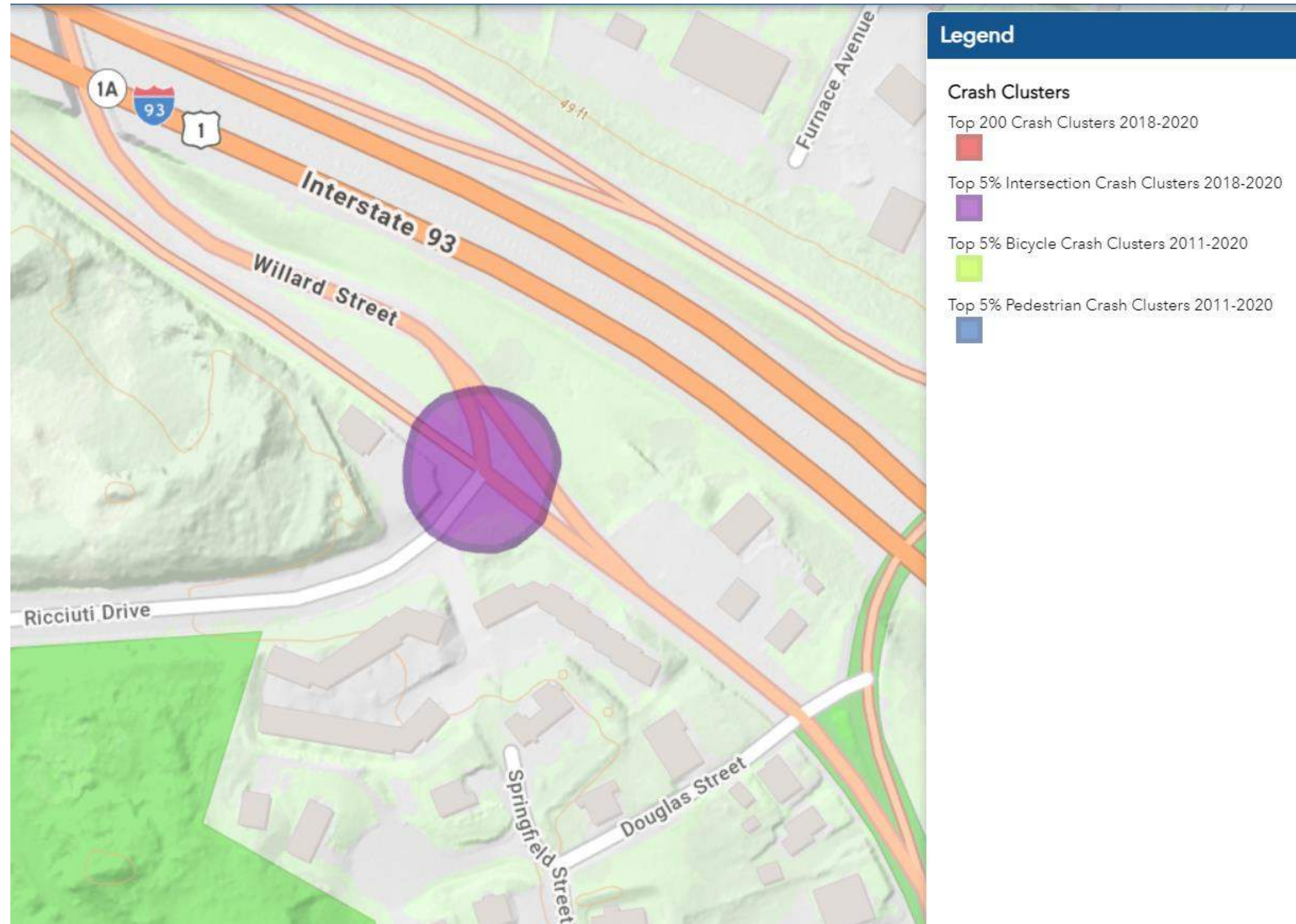
- Intersection Crash Rate was calculated to be 3x the District 6 average
- 62% of crashes were either rear-ends or angle crashes



## Safety Concerns (cont.)

The project intersection is within a MassDOT Top 5% Intersection Crash Cluster

Therefore, this project is eligible for Highway Safety Improvement Program (HSIP) funding



# Capacity Concerns

If the intersection is left in its current configuration:

- Delay on Willard Street is expected to increase to 10+ minutes per vehicle during the afternoon peak hour
- Queues on Willard Street are expected to reach 600+ feet, extending back to Copeland Street



## Additional Considerations

- Dangerous pedestrian crossing of Willard Street with no signalization
- No bicycle accommodations
- Ricciuti Drive must merge with Willard Street
- Two travel lanes enter the rotary on Willard Street





**What do we  
want to  
accomplish?**



## Goal 1 : Improve Safety for all Users

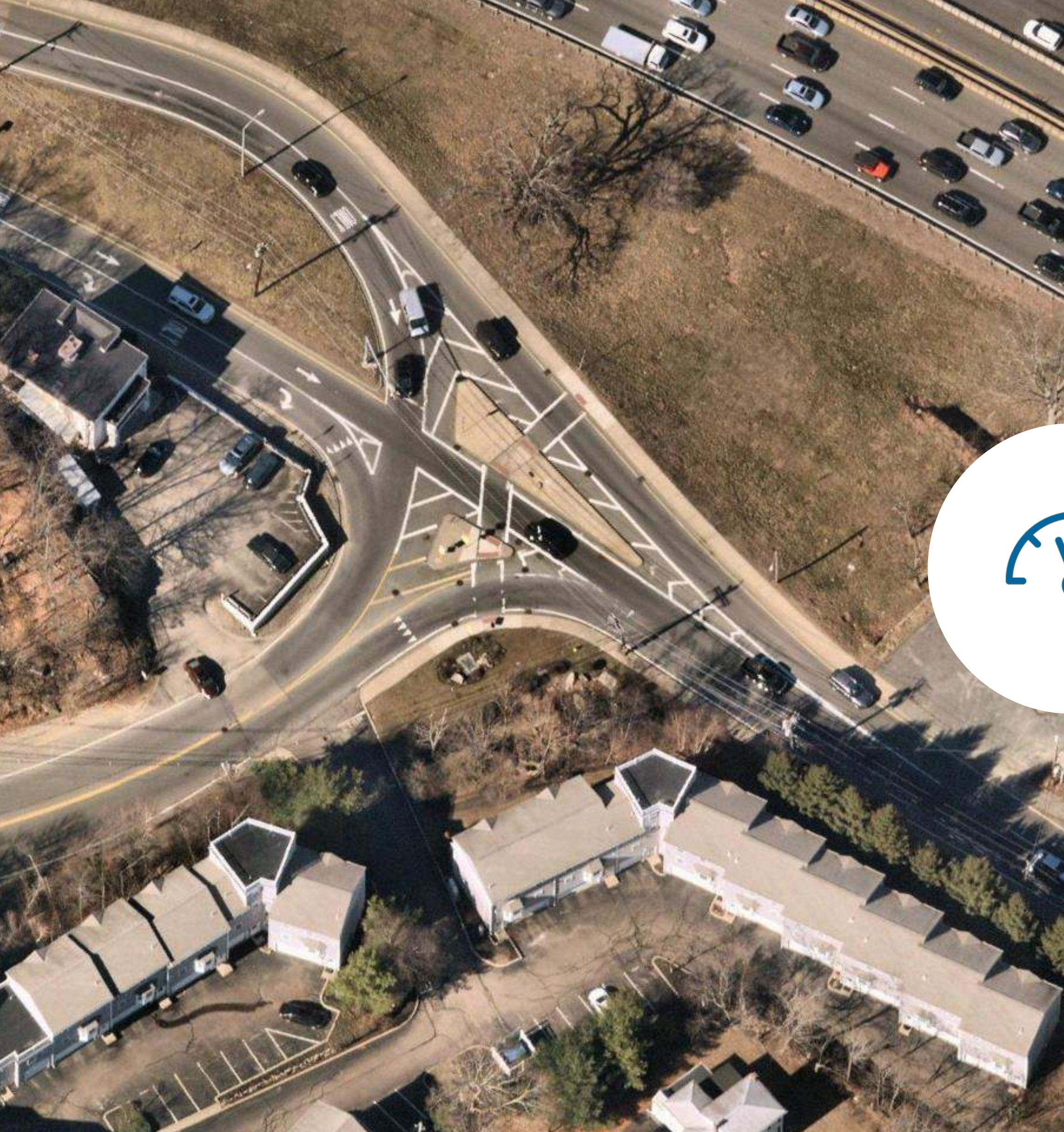
- Decrease vehicle speeds through the intersection.
- Reduce the risk of angle and rear-end crashes.
- Improve pedestrian crossings.
- Provide dedicated bicycle facilities.
- Improve ADA accessibility.
- Improve pavement markings and signage.
- Improve sight distance.



## Goal 2 : Improve Traffic Operations

- Reduce queueing on Willard Street.
- Decrease overall intersection delay.
- Reduce delay caused by lack of gaps in traffic for Willard Street and Ricciuti Drive.
- Restripe Willard Street to only allow for one lane to enter the rotary.





**What  
alternatives  
were  
considered?**

# Intersection Design Alternatives

Multiple intersection design alternatives were considered prior to the 25% Design Submission.

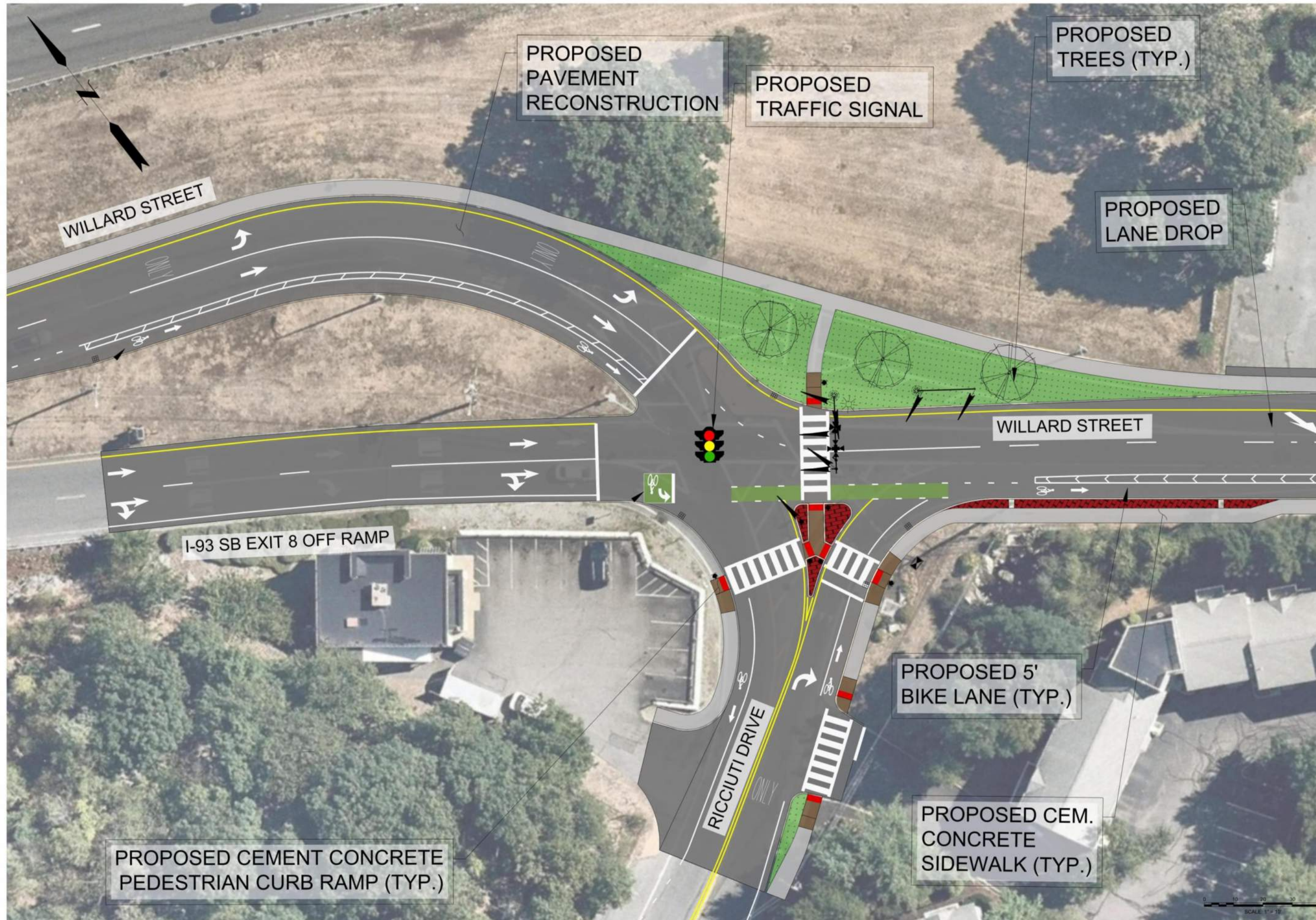
Three roundabout alternatives were analyzed.

Multiple signal alternatives were analyzed, including one that maintained the existing Willard Street geometry.





**What is the preferred alternative?**



## Preferred Alternative

Signalized intersection with modified geometry

New pedestrian and bicycle accommodations

# Proposed Improvements



## Proposed Improvements (cont.)



Proposed Improvements on Willard Street at project limits:

- Rectangular Rapid Flashing Beacon proposed on Willard Street at the northern project limit
- Willard Street to merge to one lane prior to entering the rotary



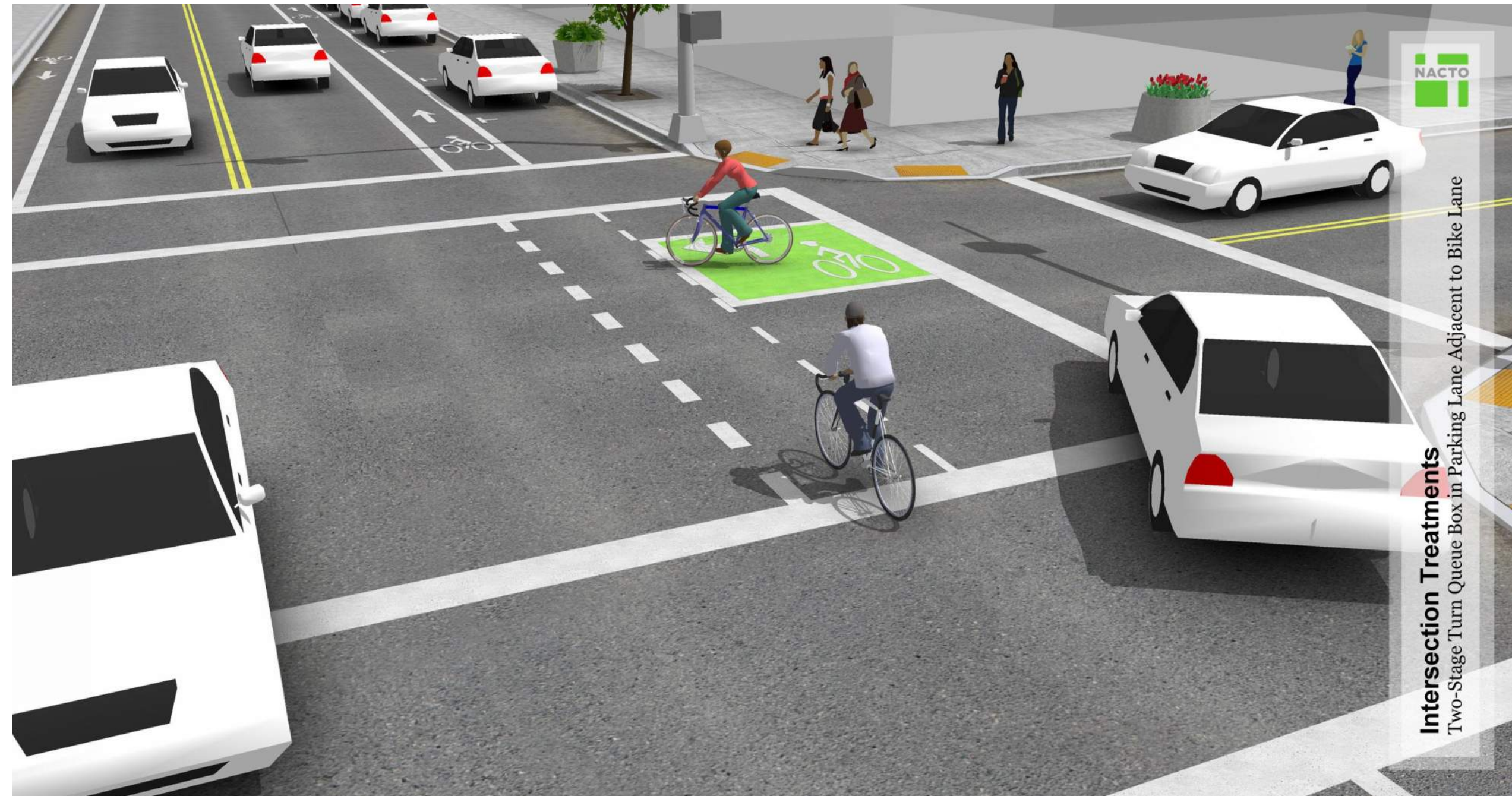




**How will  
bicyclists and  
pedestrians  
be impacted?**

## Bicycle/Pedestrian Impacts

- It was determined that it was important to have facilities to get bicycles through the signal and continue up Ricciuti Drive to access other recreational Blue Hills facilities.
- 2-stage turn box
- Will help connections be made to future bike facilities that are constructed in the area.

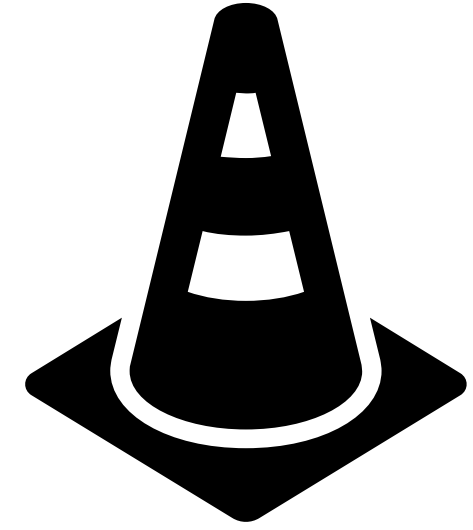




**What is the  
construction  
approach?**

## Proposed Construction Approach

- Temporary Lane closures
- Temporary Pedestrian detours
- Residential and business access to be maintained
- Coordination with emergency response





**What are the next steps?**

# Our next steps: Anticipated Schedule



August 29, 2023  
**Design Public Hearing**



November 2023  
**75% Design**



May 2025  
**Final Design**



TBD  
**Construction Begins**



**How will your property be impacted?**

## Right of Way (ROW) discussion – 25% Design

- Responsible for acquiring all necessary rights in public land for design, construction, and implementation of a project.
- Affected property owners will be contacted by personnel from the ROW Bureau or consultants representing MassDOT.
- Procedures must comply with state and federal regulations governing the acquisition process.
  - 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.
- Fee takings, permanent easements, and/or temporary construction easements may be required.





**How will we  
keep you  
informed?**

## How to Contact Us & Stay Informed

### Submit written comments to:

Carrie E. Lavalley, P.E., Chief Engineer  
MassDOT – Highway Division  
10 Park Plaza, Boston, MA 02116-3973  
Attn: Project Management

### Submit email comments to:

[MassDOTProjectManagement@dot.state.ma.us](mailto:MassDOTProjectManagement@dot.state.ma.us)

**For information, project information will be available soon on the City's Traffic, Parking, Alarm and Lighting (TPAL) Website at:**

[https://www.quincyma.gov/departments/traffic\\_parking\\_alarm\\_and\\_lighting/index.php](https://www.quincyma.gov/departments/traffic_parking_alarm_and_lighting/index.php)





# Questions and Discussions

## Questions and Answers



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



- Submit your questions and comments using the Q&A button (Alt + H)



- 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



- Please take a few minutes to complete the survey after the meeting to let us know how your experience was with this virtual meeting

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



# *Thank You*

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