



# Public Information Meeting State Project Number 0152 – 0164

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CT Route 85 Computerized Traffic Signal  
System (CTSS) Replacement

Town of Waterford

Monday, March 31<sup>st</sup>, 2025

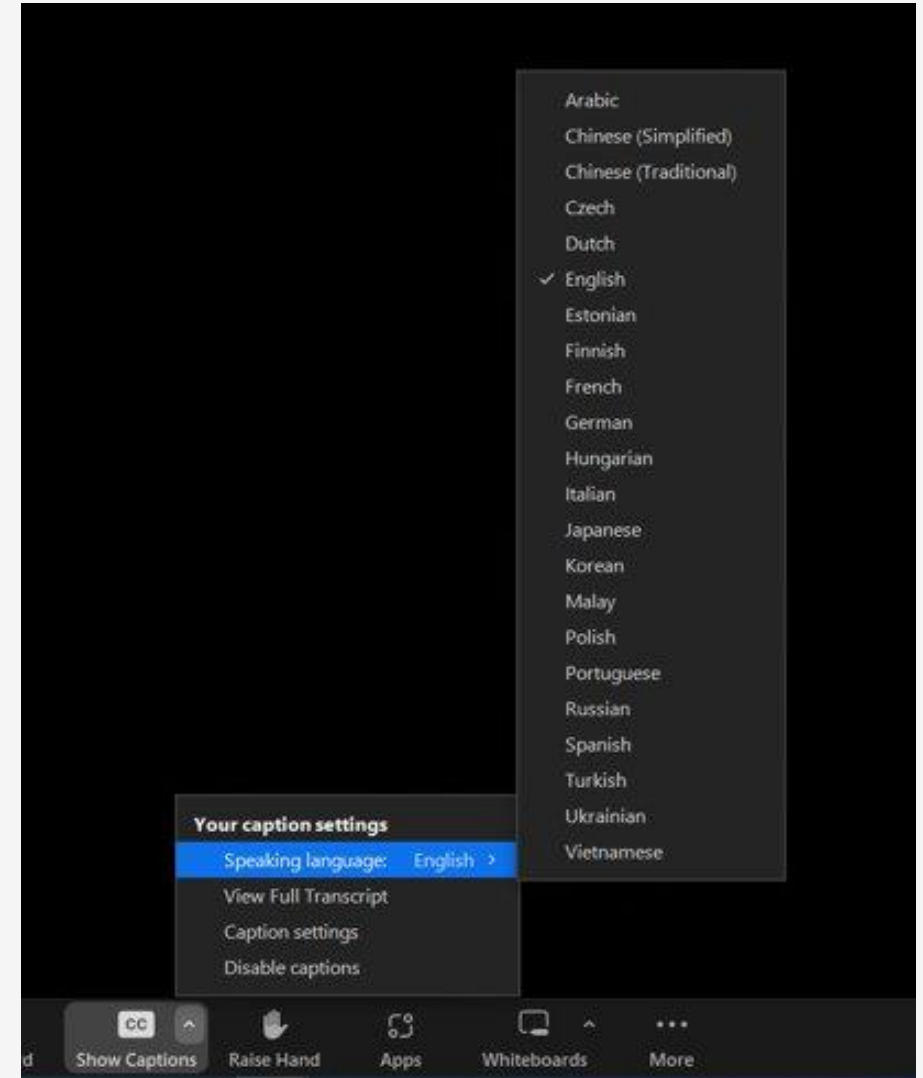
**Email:** [DOTProject0152-0164@ct.gov](mailto:DOTProject0152-0164@ct.gov)



# How to view captions & subtitles in Zoom

1. Click Show Captions (CC).
2. Click the Speaking Language.
3. Select the language you would like from the list shown.

Closed captioning—including non-English translation options—are available on YouTube after the event.





# Meeting Overview

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- Housekeeping
- Introductions
- Purpose of Meeting
- Project Overview
- Project Coordination
- Right of Way Impacts
- Environmental Impacts
- Project Schedule
- Next Steps





# Question & Answer Session



**By Email:** DOTProject0152-0164@ct.gov



**By Phone:** (860) 594-2020



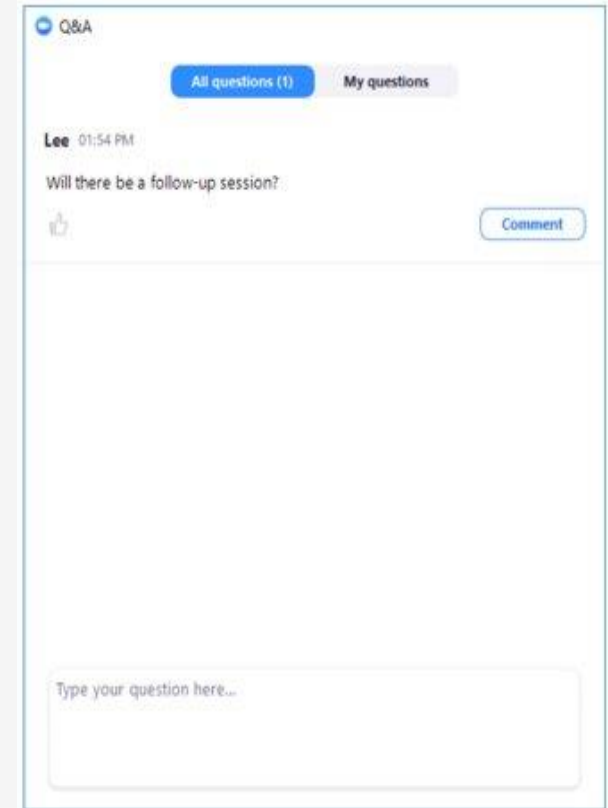
**On Zoom:** Q&A



**Project Webpage:**  
<https://portal.ct.gov/dot/projects/0152-0164-waterford>

**Note:** Comment period is open through April 14, 2025

\*Zoom Q&A is only available during live Q&A session

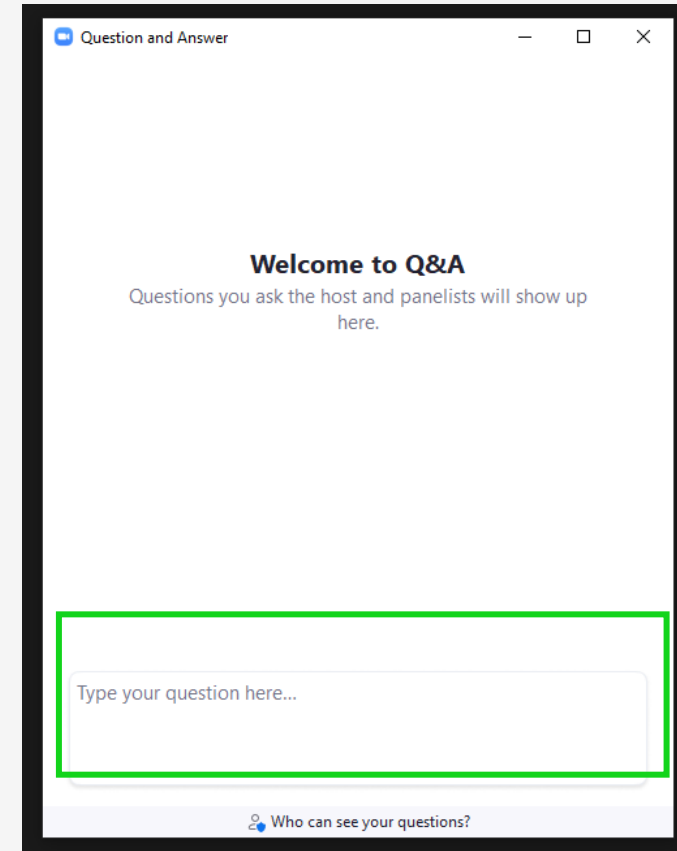


Moderator will answer questions  
in Zoom Q&A function



# How to use Zoom Q&A

- (1) Select the Q&A tool at the bottom of the Zoom webinar window.
- (2) The Q&A window will open as seen on the right.
- (3) Please type question in the textbox and click enter.
- If you are an audio only participant, dial \*9 to raise and lower your hand.





# Title VI – Your Civil Rights

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No person shall, on the basis of race, color, or national origin, be excluded from participation or subject to discrimination in the development of this project.

- Voluntary Post-Meeting Survey:
  - <https://portal.ct.gov/ctdotsurvey>
- Civil Rights information:
  - <https://portal.ct.gov/dot/equity/title-vi>



A recording of this presentation will be posted to CTDOT's YouTube channel after the event.

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# Connecticut Department of Transportation

## Title VI Notice to the Public

Individuals and organizations may file a complaint by completing the Title VI complaint form (<https://railroads.dot.gov/resource-center/title-vi-civil-rights-act-1964/title-vi-complaint-format>). Complaints should be signed and include contact information and should be sent to: Office of Civil Rights Federal Railroad Administration 1200 New Jersey Avenue, SE ROA-10, Mail Stop 5 Washington, DC 20590

The Connecticut Department of Transportation (CTDOT) operates its programs and services without regard to race, color, and national origin in accordance with Title VI of the Civil Rights Act. Any person who believes she or he has been aggrieved by any unlawful discriminatory practice under Title VI may file a complaint with the CTDOT.

For more information on the CTDOT's civil rights program, and the procedures to file a complaint, contact the CTDOT Title VI Coordinator at (860) 594-2169, TRS 711; Debra.Goss@ct.gov; or visit our administrative office at 2800 Berlin Turnpike, Newington, CT 06131. For more information, visit [www.ct.gov/dot](http://www.ct.gov/dot).

A complainant may file a complaint directly with the Federal Transit Administration by filing a complaint with the FTA Office of Civil Rights, Attention: Title VI Program Coordinator, East Building, 5<sup>th</sup> Floor-TCR, 1200 New Jersey Ave., SE, Washington, DC 20590

A complainant may file a complaint directly with the Federal Highway Administration by filing a complaint with the FHWA Office of Civil Rights, Attention: Title VI Program Coordinator, 8<sup>th</sup> Floor E81-105, 1200 New Jersey Ave., SE, Washington, DE 20590

如需更多信息或免费语言协助，请致电 (860) 594-2109

Para información adicional, o asistencia lingüística gratuita, por favor llame al (860) 594-2109

Per informazioni aggiuntive o assistenza linguistica gratuita, chiamare il numero (860) 594-2109

Para obter mais informações, ou para auxílio gratuito em outro idioma, ligue para (860) 594-2109

Aby uzyskać dodatkowe informacje lub bezpłatną pomoc tłumacza, proszę dzwonić pod numer (860) 594-2109

Для получения подробной информации или бесплатных услуг перевода звоните по телефону (860) 594-2109

Pou jwenn plis enfòmasyon, oswa asistans ak lang gratis, ranpri rele (860) 594-2109

لمزيد من المعلومات أو للحصول على مساعدة لغوية مجانية، يرجى الاتصال بالرقم (860) 594-2109

Si vous souhaitez en savoir plus ou bénéficier d'une assistance linguistique gratuite, merci de composer le numéro suivant (860) 594-2109

अधिक जानकारी या निःशुल्क भाषा संबंधी सहायता के लिए कृपया (860) 594-2109 पर कॉल करें।

추가 정보가 필요하거나 무료 언어 지원이 필요하시면 (860) 594-2109로 전화하십시오

Để có thêm thông tin hoặc hỗ trợ ngôn ngữ miễn phí, vui lòng gọi (860) 594-2109





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## Departamento de Transporte de Connecticut

# Título VI Aviso al Público

- ◊ El Departamento de Transporte de Connecticut (CTDOT) se compromete a asegurar que ninguna persona sea excluida de participar en, o le sean negados los beneficios de, sus servicios de transporte basándose en la raza, color o país de origen de la persona protegida por el Título VI de la Ley de los Derechos Civiles. Si a usted le parece que ha sido objeto de discriminación en lo que corresponde al Título VI, puede presentar una queja al CTDOT.
- ◊ Para más información sobre el programa de derechos civiles del CTDOT y el proceso de presentar una queja, comuníquese con el Coordinadora del Título VI del CTDOT al teléfono (860) 594-2169, TRS 711; Debra.Goss@ct.gov. También puede visitar nuestra oficina administrativa en 2800 Berlin Turnpike, Newington, CT 06131. Para más información, visite [www.ct.gov/dot](http://www.ct.gov/dot).
- ◊ Un denunciante puede presentar una queja directamente ante la Federal Transit Administration si lo hace ante la FTA Office of Civil Rights, Attention: Title VI Program Coordinator, East Building, 5th Floor-TCR, 1200 New Jersey Ave., SE, Washington, DC 20590.
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- ◊ Para recibir más información o ayuda gratuita en otros idiomas, llame al (860) 594-2109.



# Project Team



Matthew Blume, PE, PTOE

CTDOT Division Chief of  
Traffic Engineering



Lisa Conroy, PE

CTDOT Principal Engineer



Jay Lockaby, PE, PTOE

CTDOT Project Manager



Malcolm Thomas

CTDOT Division of Rights of Way



Glenn Stevens, PE, PTOE

BETA Group, Inc  
Project Manager



Hassan Rezaei Homami, PE

WSP  
ITS Lead Designer



Daniel Haptas, PE

Fuss & O'Neill  
Consultant Liaison for CTDOT





# Purpose of Meeting

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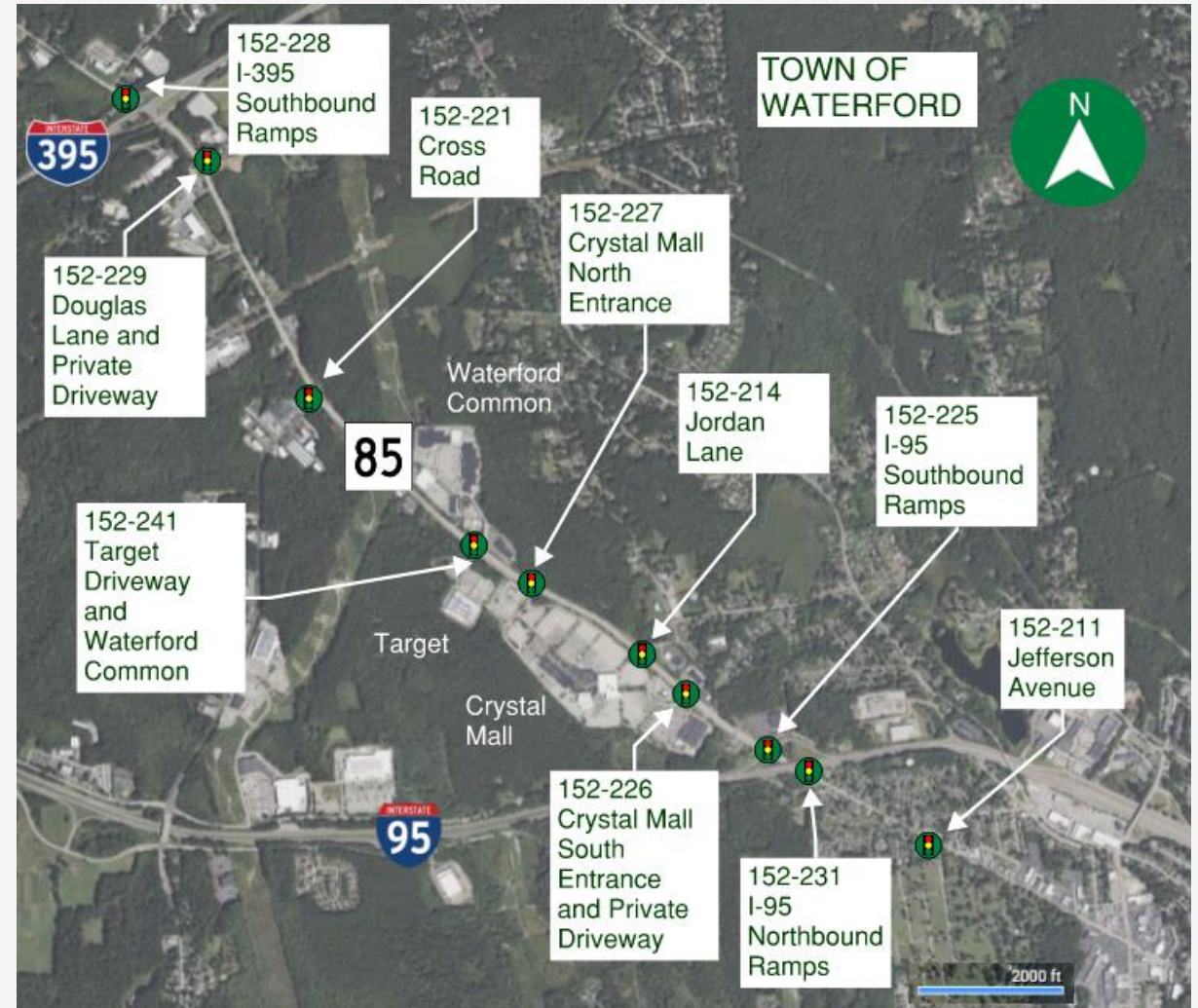
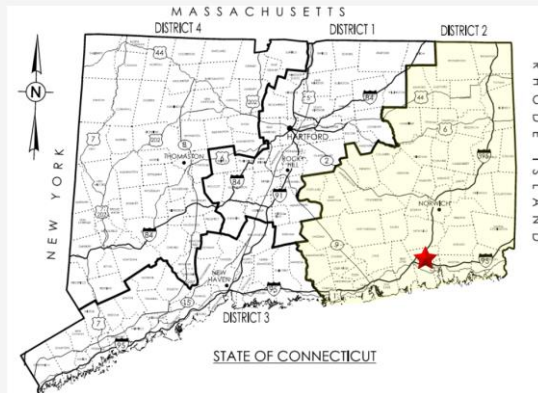
- Provide Project Overview and Status
- Obtain Public Input





# Project Overview

- Principal Arterial (ADT-18,000 Vehicles, 35-45 mph Speed Limit Range, 4 lanes)
- 10 Intersections Along CT Route 85 (3-Mile Segment)





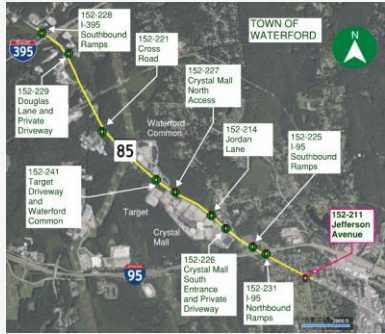
# Project Overview

- Purpose & Need
  - Replace Aging Signal Infrastructure
  - Improve Traffic Operations & Safety
- Improvements
  - New Signal Equipment at Intersections
  - Pedestrian Accommodation Improvements
  - New Detection at Intersections
  - Fiber Optic Communications
  - Transit Stops (Improved Access)





# Intersection 152-211



# Route 85 at Jefferson Avenue





# Intersection 152-231

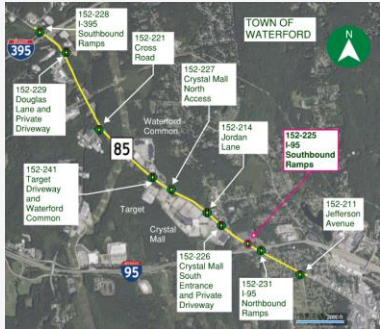
# Route 85 at I-95 Northbound Ramps





# Intersection 152-225

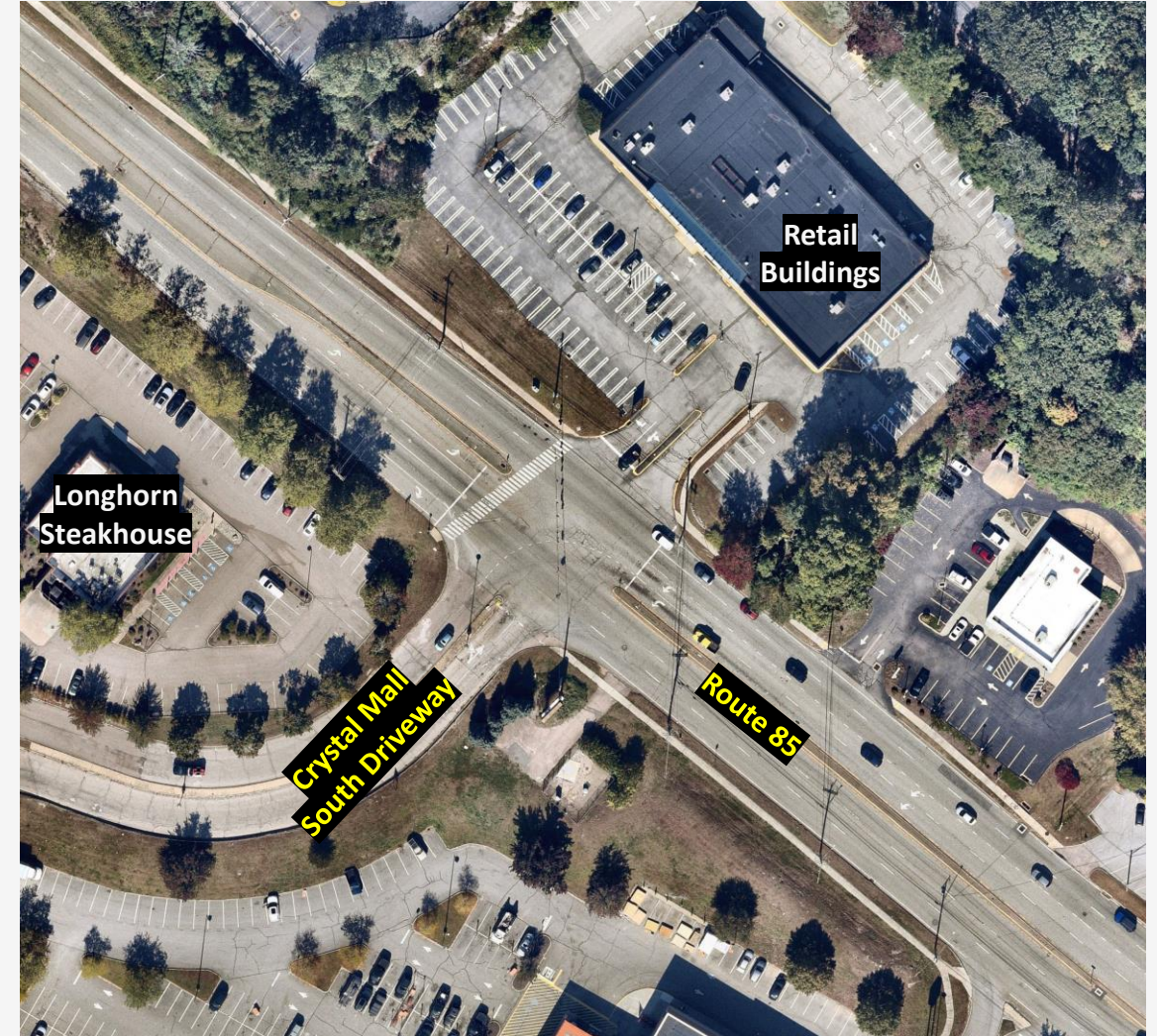
## Route 85 at I-95 Southbound Ramps





# Intersection 152-226

# Route 85 at Crystal Mall South Entrance and Private Driveway





# Intersection 152-214



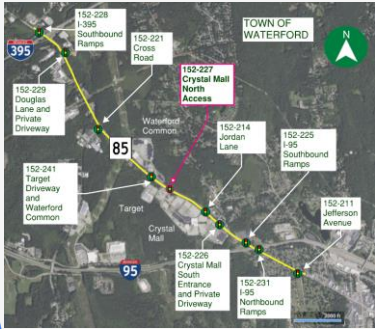
# Route 85 at Jordan Lane





# Intersection 152-227

# Route 85 at Crystal Mall North Entrance





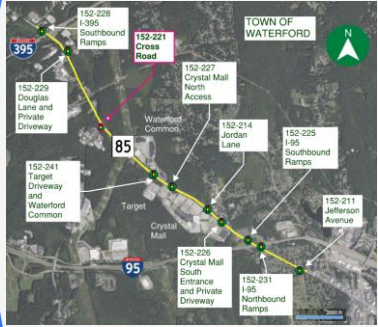
# Intersection 152-241

# Route 85 at Target Driveway and Waterford Common





# Intersection 152-221

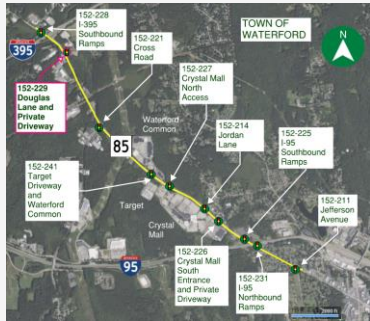


# Route 85 at Cross Road





# Intersection 152-229



# Route 85 at Douglas Lane and Private Drive





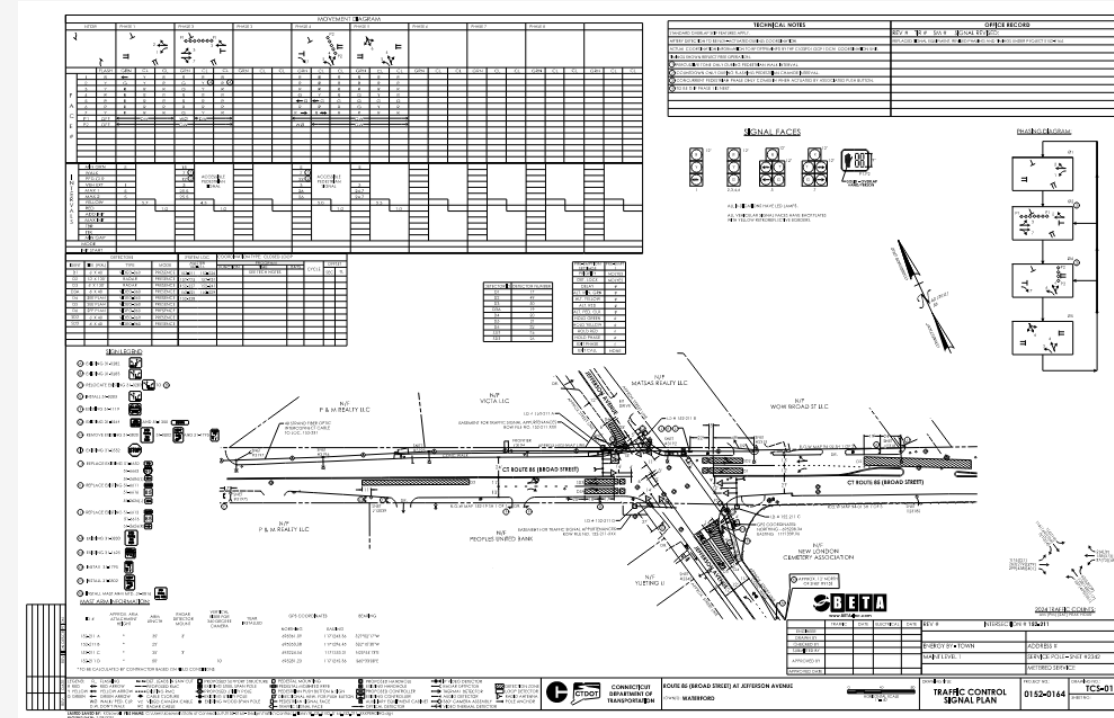
## Route 85 at I-395 Southbound Ramps





# Traffic Signal Equipment

- Mast Arms
- Signal Heads
- Detection
- Controllers
- Emergency Pre-Emption
- Communication





# Pedestrian Accommodations

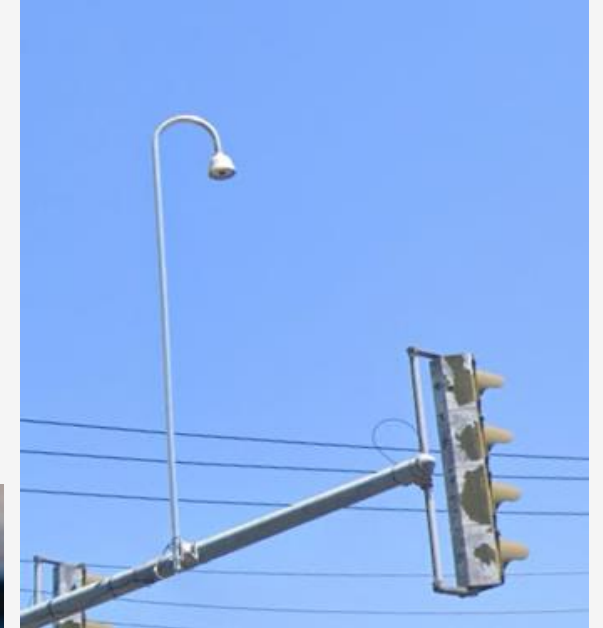
- New Crosswalks and ADA Compliant Ramps
- New Sidewalks Connecting Ramps and Bus Stops
- Pedestrian Signals with Push Buttons
- Blank-Out Signs





# Detection

- Stop Bar
  - 360 Degree Bell Camera (single fisheye)
- Advanced Detection
  - Radar Detection
  - Detectors on Route 85 Approaches





# Traffic Signal Interconnect

- Existing: Traffic Signals Utilize Combination of:
  - Copper Wire Communications System – Aerial & Underground
  - Existing System Has Experienced Operational and Maintenance Issues
- Proposed: 48-Strand Fiber Optic Cable (FOC) Aerial Interconnect Along Length of Corridor
- Connectivity to CTDOT Highway Operations Center (HOC) via Wireless Cellular Communications
- Maintain Existing Communications System and Connectivity until New FOC is Operational



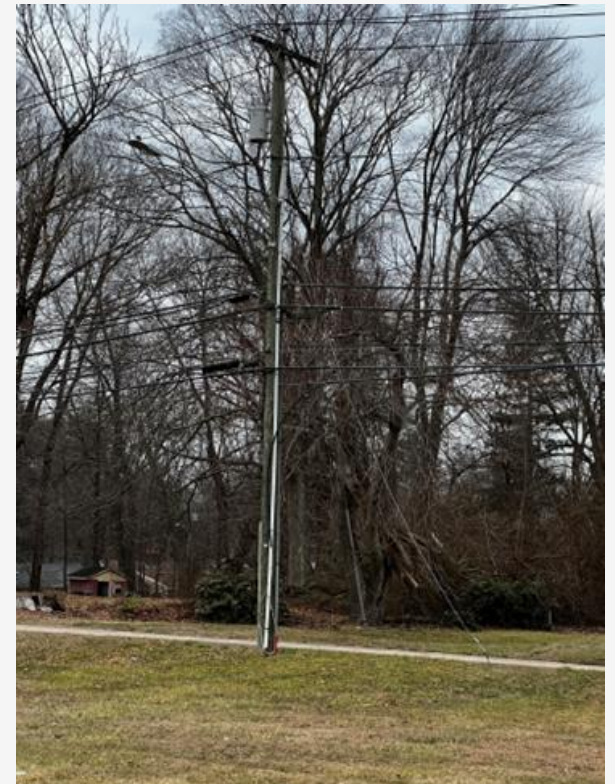
Typical Aerial Cable Installation and Splice Enclosure



# Project Coordination

- Meeting with Utility Representatives– February 24<sup>th</sup> and March 14<sup>th</sup>, 2025
  - Potential utility conflicts discussed
  - Field utility meeting to be held in the Spring
- Utilities

Utility	Owner
Electric	Eversource Energy – Electric Distribution
Gas	Eversource Energy – Gas Distribution
Telephone	Crown Castle Frontier Communications of Connecticut
Cable	Comcast of Connecticut
Water	Metropolitan District
Sewer	Town of Waterford





# Right of Way (ROW) Impacts

- Easements for Traffic Purposes (9 Total)

SERIAL NO.	OWNER	LOCATION (INT. NO.)
1	N/F VICTA LLC	152-211
2	N/F PEOPLES UNITED BANK	152-211
3	N/F WATERFORD LAND TRUST, INC	152-221
4	N/F WATERFORD PLAZA ASSOCIATES, LLC	152-226
5	N/F CRYSTAL MALL REALTY, LLC	152-226
6	N/F CRYSTAL MALL REALTY, LLC	152-227
7	N/F NORTH MAIN STREET HOLDINGS, LLC	152-229
8	N/F BRIXMOR GA WATERFORD COMMONS, LLC	152-241
9	N/F DAYTON HUDSON CORPORATION	152-241





# Division of Rights of Way

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## Our Division

- Administration Agents
- Title Searchers
- Licensed Appraisers
- Acquisition Agents (Negotiators)
- Title Closing Agents

## Our Function

- Acquire all property/property rights necessary for state projects

## Statutory References

- State of Connecticut
  - C.G.S. Section 13a-73 & 13a-98e
- Federal
  - Uniform Relocation Assistance, as amended
  - Real Property Acquisition Policies Act of 1970, as amended





# Division of Rights of Way

## INITIAL LETTER

Communication to initiate the states acquisition process

## VALUATION

Determine fair market value of property rights

## OFFER

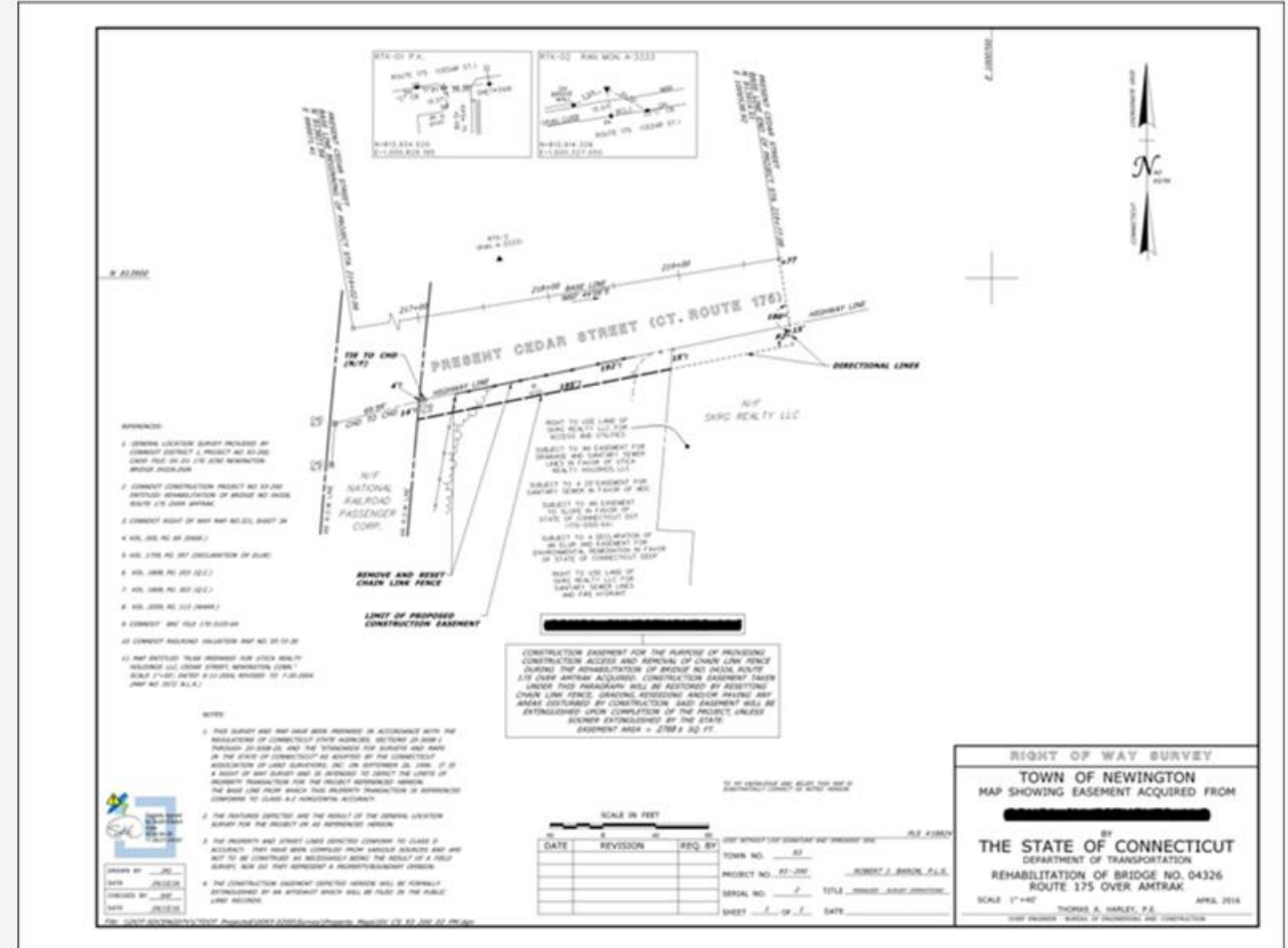
The offer to acquire necessary property/property rights

## NEGOTIATION

The time to consider the states offer and enter negotiations

## AGREEMENT

Friendly Agreement  
Eminent Domain





# Environmental Impacts

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- No Anticipated Cultural or Historic Property Impacts





# Project Cost & Design Schedule

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## **Project Cost**

- Federal (80%) / State (20%) Funding
- Project Budget – \$12.5 Million

## **Design Schedule**

- Preliminary Engineering → Completed
- Preliminary Design → Completed
- Semi-Final Design (SFD) → 7/25/2025
- Final Design Plans (FDP) → 3/25/2026
- Advertising Date → 6/2/2026
- Construction Start Date → November 2026





# Next Steps

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- Advance Semi-Final Design
  - Incorporate Public Feedback
  - Continue Traffic Signal Design
  - Identify Any Additional ROW Needs
  - Utility Company Coordination
    - Identify Potential Conflicts
    - Meet with Utility Companies





# Question & Answer Session



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**By Phone:** (860) 594-2020



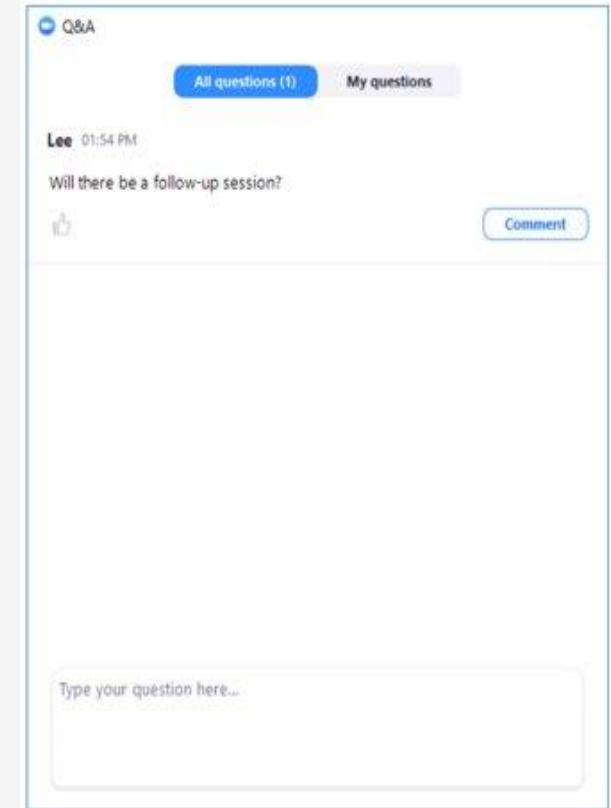
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