



# Virtual Public Informational Meeting

## Project No. 0171-0456

### Installation of Centerline Rumble Strips on Route 190

**Town of Union**

**Monday, May 24<sup>th</sup>, 2021**

**7:00 PM**

Join us for a Question & Answer Session following the formal presentation & send a question or comment during the session via:

**E-Mail: [DOTProject171-456Union@ct.gov](mailto:DOTProject171-456Union@ct.gov)**

**Phone: (860) 944-1111**

**Chat: Teams Live Event Chat**

**Project Webpage: [portal.ct.gov/DOTUnion171-456](https://portal.ct.gov/DOTUnion171-456)**

A recording of the formal presentation will be posted to YouTube after the live event. Closed captioning, including non-English translation options, will be available at that time.





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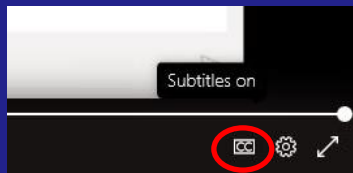


# Installation of Centerline Rumble Strips on Route 190

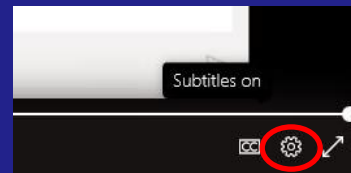
State Project No. 0171-0456  
Union, CT

## Captions / Subtitles (MS Teams only)

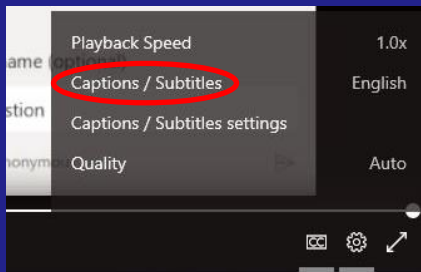
1) Select "CC" at bottom right



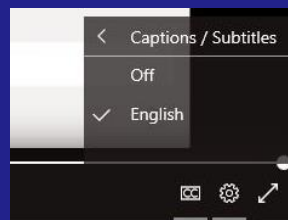
2) Select Settings wheel



3) Select "Captions / Subtitles"



4) Select desired language



### Available Languages:

- English
- Spanish



# Virtual Public Information Meeting Overview

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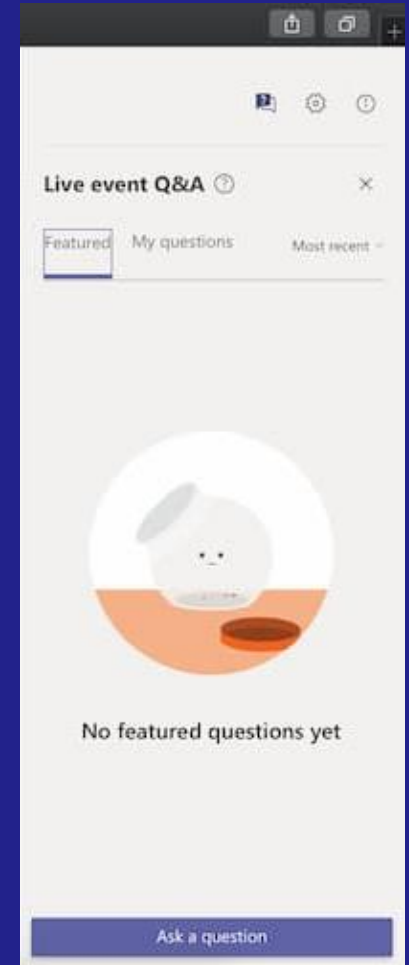


**Chat:** Teams Live Event Chat

*Moderator will post Questions to the Microsoft Teams Live Q&A Window under 'Featured' Tab*

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# Title VI - Civil Rights

- Feedback Survey appreciated.

<https://www.surveymonkey.com/r/G8LRXBB>

- Civil Rights flyer available.

<https://portal.ct.gov/DOT/Business/Contract-Compliance/Civil-Rights-and-Accessibility>

- 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.



# Project Representatives

**Joseph P. Ouellette, RSP**  
State Safety Engineer  
Project Manager



**Balazs G. Martai, P.E.**  
Project Engineer/Presenter

**Abdou-rahmane Camara**  
Transportation Engineer/Presenter



**Ryan J. Pothering, P.E.**  
Transportation Engineer/Moderator

**Devyn N. Howe**  
Transportation Engineer/Moderator



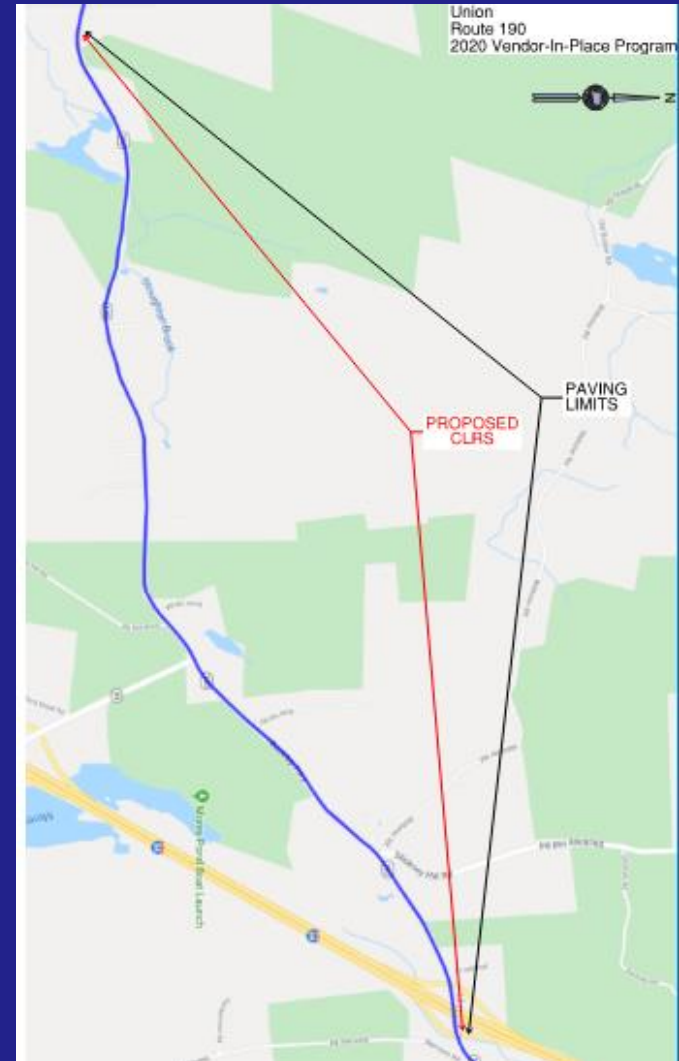
# Agenda

- **Project Description**
- **What are Centerline Rumble Strips (CLRS)**
- **Why Use CLRS**
- **Crashes Affected by CLRS**
- **Use of CLRS**
- **Criteria for Eligibility**
- **Cost and Schedule**
- **Q & A Discussion**

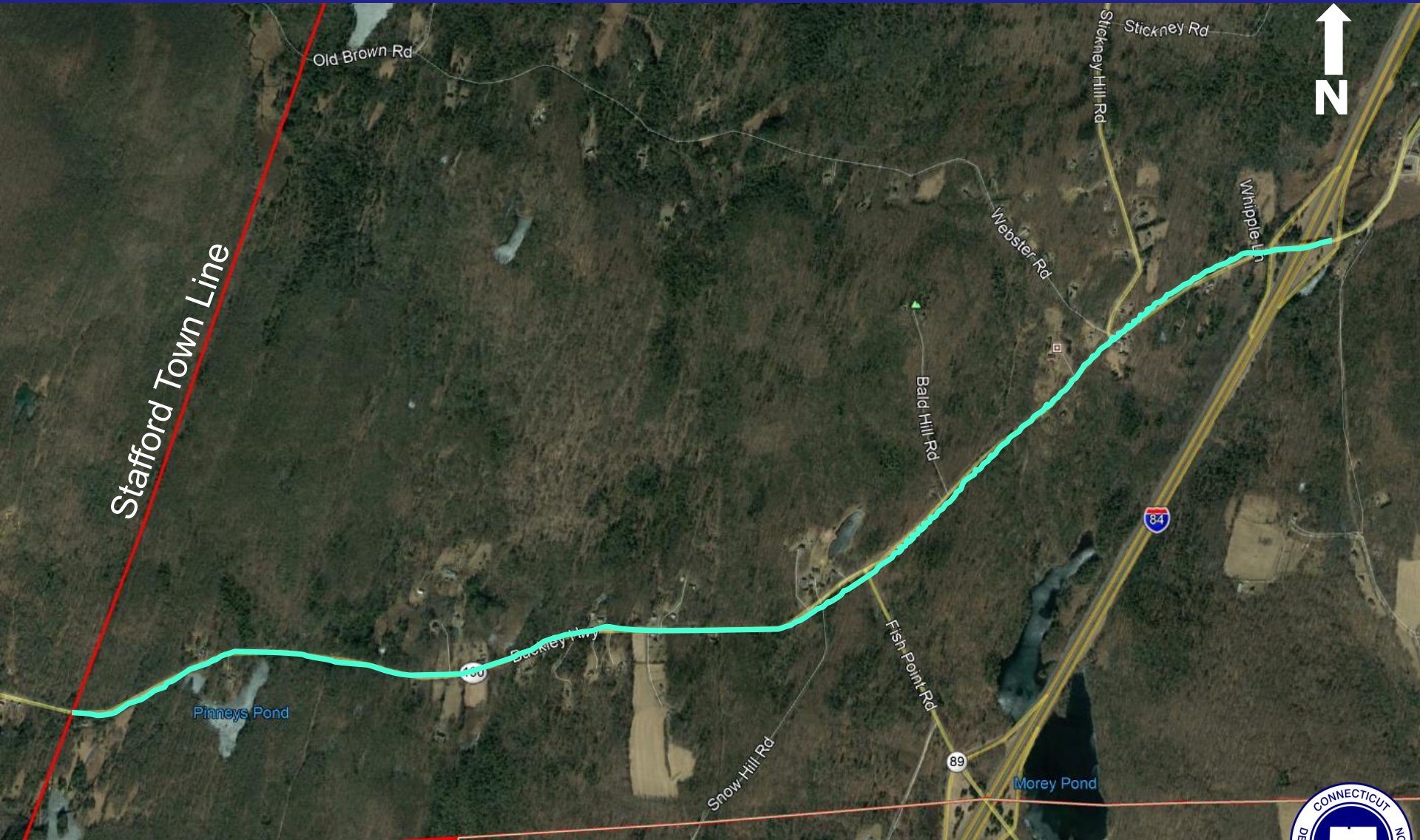


# Project Description

**CTDOT repaved Route 190 (Buckley Highway) from the Stafford Town Line to the eastbound Interstate-84 ramps in the town of Union during the 2020 Construction Season. This 2.97-mile section was identified as being a candidate for the installation of centerline rumble strips (CLRS).**



# Union - Route 190 (Buckley Highway)



# What are Centerline Rumble Strips?

**Grooved patterns installed at the center of the road intended to alert distracted, drowsy or inattentive drivers (through vibration and sound) that they have crossed the centerline.**



# Why Centerline Rumble Strips?

- **The audible and vibratory warning greatly improves the chances of a quick and safe return to their lane.**
- **Pavement markings are often obscured during inclement weather. The vibration provided by the CLRS assist drivers from unintentionally crossing the centerline during these conditions.**
- **CLRS are a proven, low-cost safety improvement.**



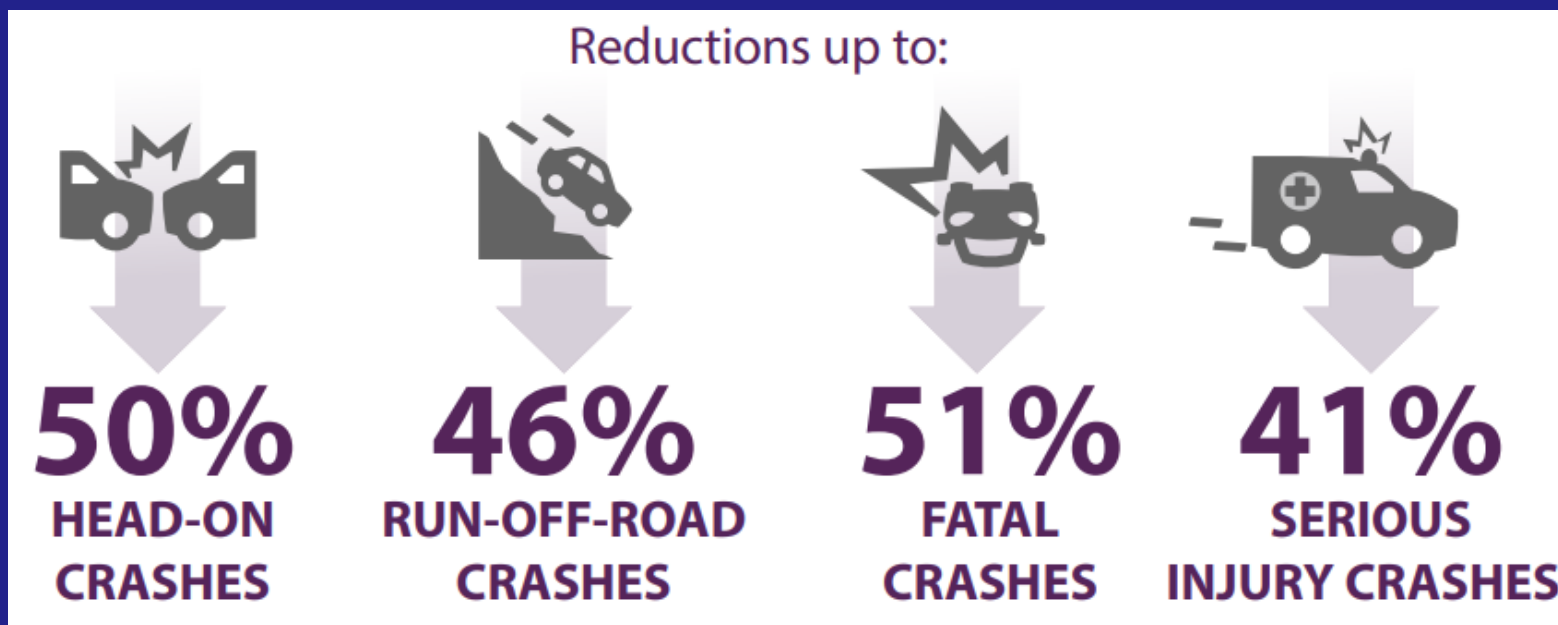
# Crashes Affected by CLRS

- In 2020, there were 36 fatalities and 2,340 injuries from head-on and opposite direction sideswipe crashes on CT roadways (non-freeway).
- CLRS help reduce these type of crashes, which could be attributed to distracted or fatigued driving.
- Over one in four of the persons injured in crashes associated with vehicles crossing the centerline were under the age of 25.



# Crashes Affected by CLRS

- In latest 3-year crash period, 2 crashes where driver crossed centerline and hit a fixed object
- Fatal and injury head-on and sideswipe crashes in rural areas reduced by an average of 44%.



# Use of Centerline Rumble Strips

- **CLRS are being used in 43 States across the country including MA, NY, NH, VT, ME, and RI to improve safety.**
- **CT has been installing centerline rumble strips on state and local roads since 2014.**
- **As of March 2021, Connecticut has installed over 1,650 miles of CLRS on the State system, and over 230 miles of CLRS on local roads.**

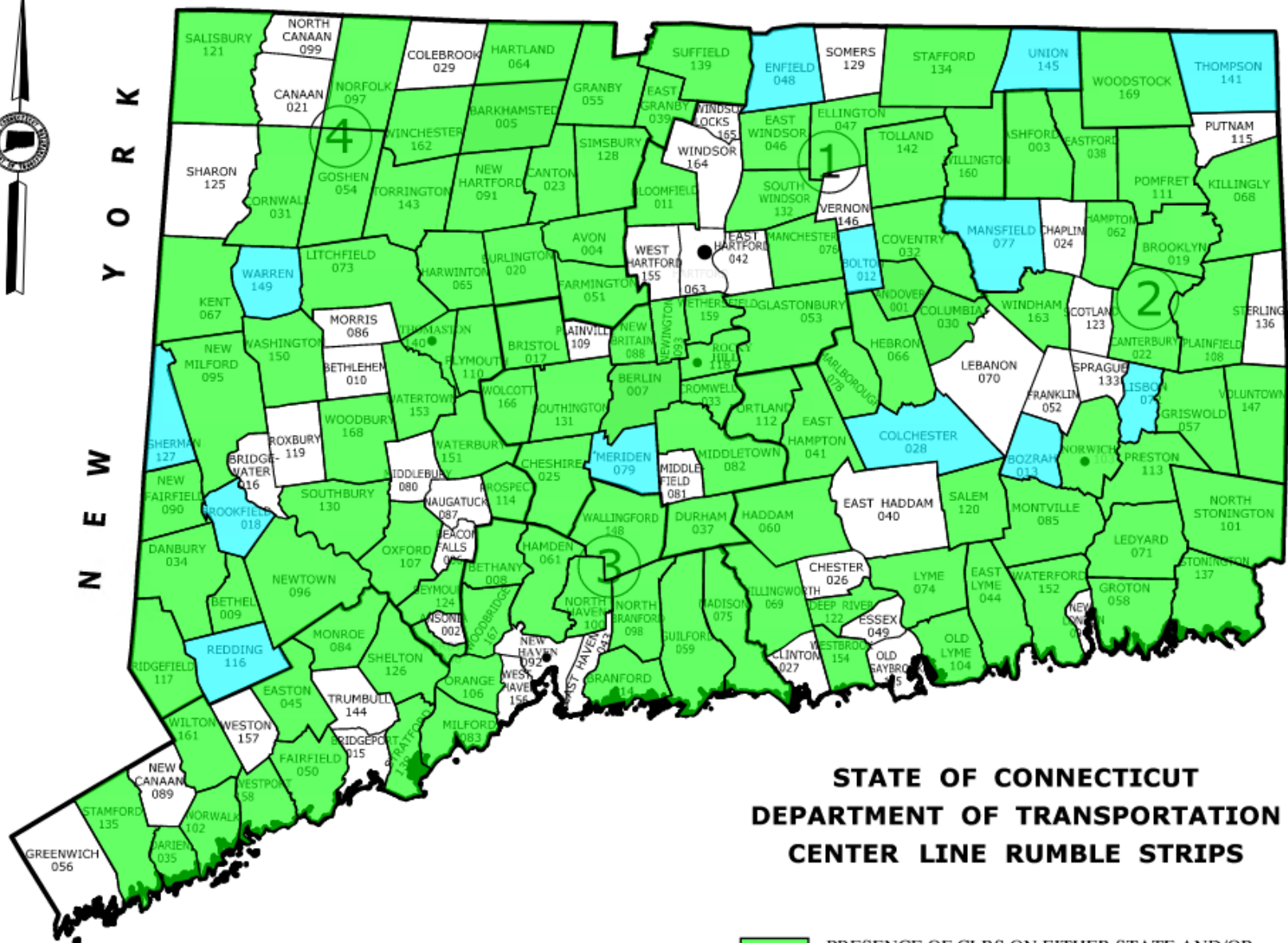


# M A S S A C H U S E T T S






Y O R K  
N E W

R H O D E I S L A N D



## STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION CENTER LINE RUMBLE STRIPS

-  PRESENCE OF CLRS ON EITHER STATE AND/OR TOWN OWNED/MAINTAINED ROADWAY
-  PROGRAMMED FOR CLRS
-  NO CLRS PROGRAMMED TO DATE



# Criteria for CLRS Eligibility

- **Roadways have at least 2,000 vehicles/day**
- **Roadways where the pavement is in good condition and is less than 3 years old**
- **Roadways are at least 14 feet wide from centerline to edge of pavement**
- **Roadways have a speed limit of 35 mph or greater**
- **Low residential density with residences typically 100 feet or more from road**



# CLRS under Construction

\$2.00 per foot for CLRS

\$1.20 per foot for Centerline Paint

Total cost is approximately \$51,200

100% State Funds

Construction in Summer 2021



# Question and Answer Session



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