

Installation of Centerline Rumble Strips Route 17 (Middletown Ave), in North Branford Virtual Public Information Meeting

Live Event: Tuesday, August 21, 2025, 6:00 PM

Join us for a Question and Answer session following the formal presentation and send us a question or a comment during the session.

PROJECT EMAIL: DOT2025CLRS-NorthBranford@ct.gov

PHONE: (860) 594-2020 (voicemail only)

PROJECT WEBPAGE: <https://portal.ct.gov/DOT2025CLRS-NorthBranford>

A recording of this presentation will be posted after the live event on YouTube at <https://portal.ct.gov/CTDOTVPIMarchive>.

La grabación de esta presentación estará disponible después del evento en YouTube, incluyendo subtítulos y acceso a traducciones en otros idiomas.



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



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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://shorturl.at/BT3pD>). 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.

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, 5th 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, 8th Floor E81-105, 1200 New Jersey Ave., SE, Washington, DC 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.

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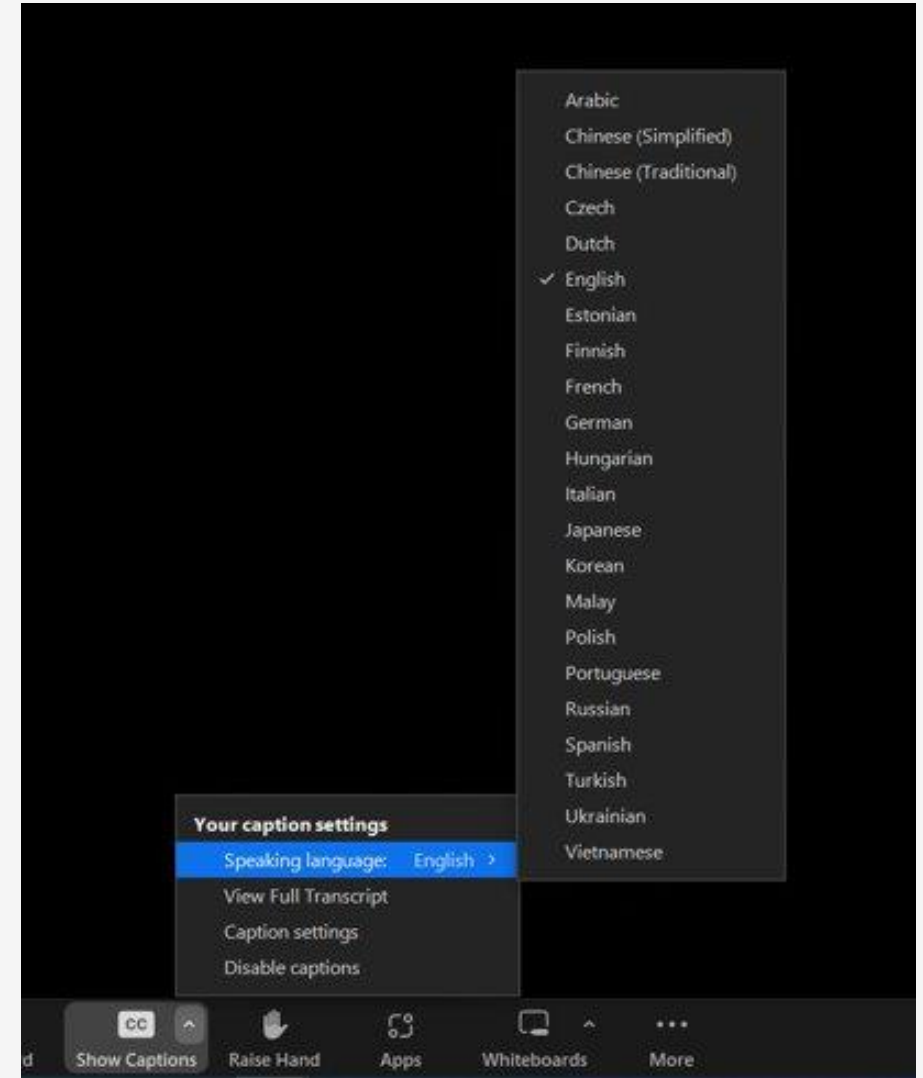
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How to view captions & subtitles in Zoom

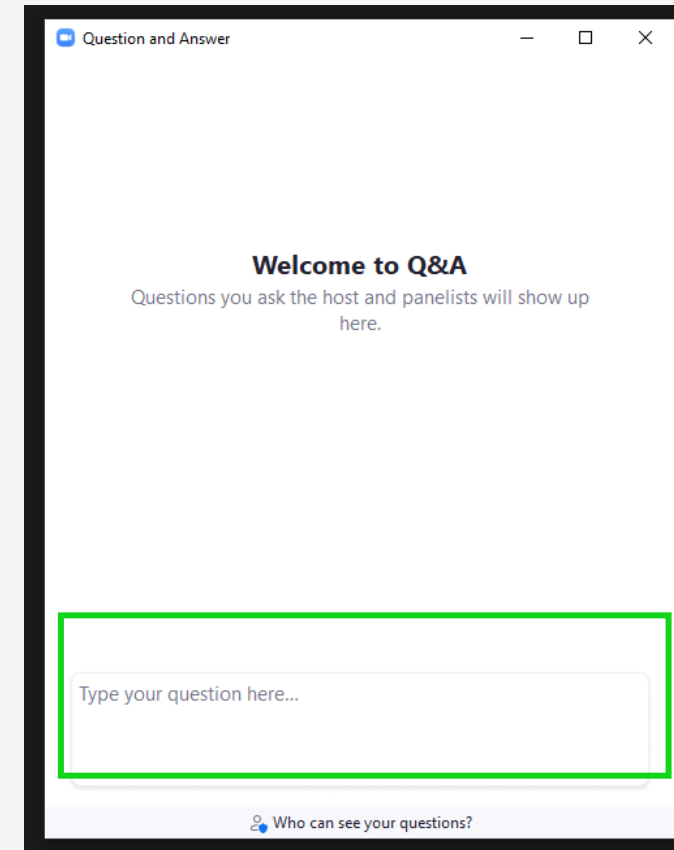
1. Click Show Captions (CC).
2. Click the Speaking Language.
3. Select the language you would like from the list shown.

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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.



Project Representatives



Shane McLean
Transportation
Engineer
Moderator
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Project Manager
Moderator
CTDOT



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Project Engineer
Presenter
CTDOT



Colin Baummer, PE
Transportation
Supervising Engineer
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Agenda

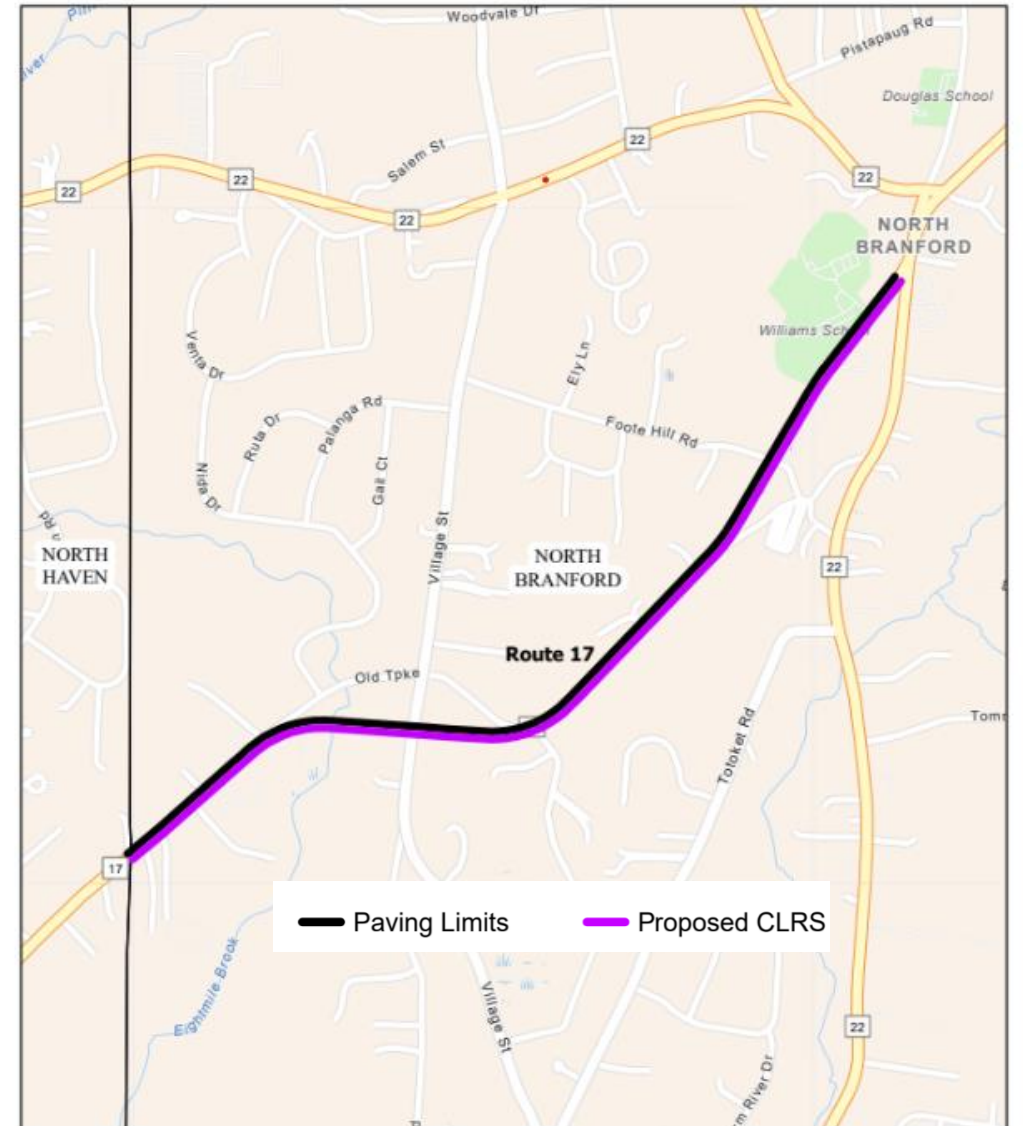
- Project Description
- What are Centerline Rumble Strips (CLRS)
- Why Use CLRS
- Crashes Affected by CLRS
- Where CLRS are being used
- Cost and Schedule
- Q&A Session



Project Description

CTDOT will be resurfacing Route 17 (Middletown Ave) from the North Haven town line to Route 22 in North Branford during the 2025 construction season, a total length of 1.8 miles.

It was determined that the entire 1.8-mile-long section of Route 17 being resurfaced is eligible for Centerline Rumble Strips (CLRS).



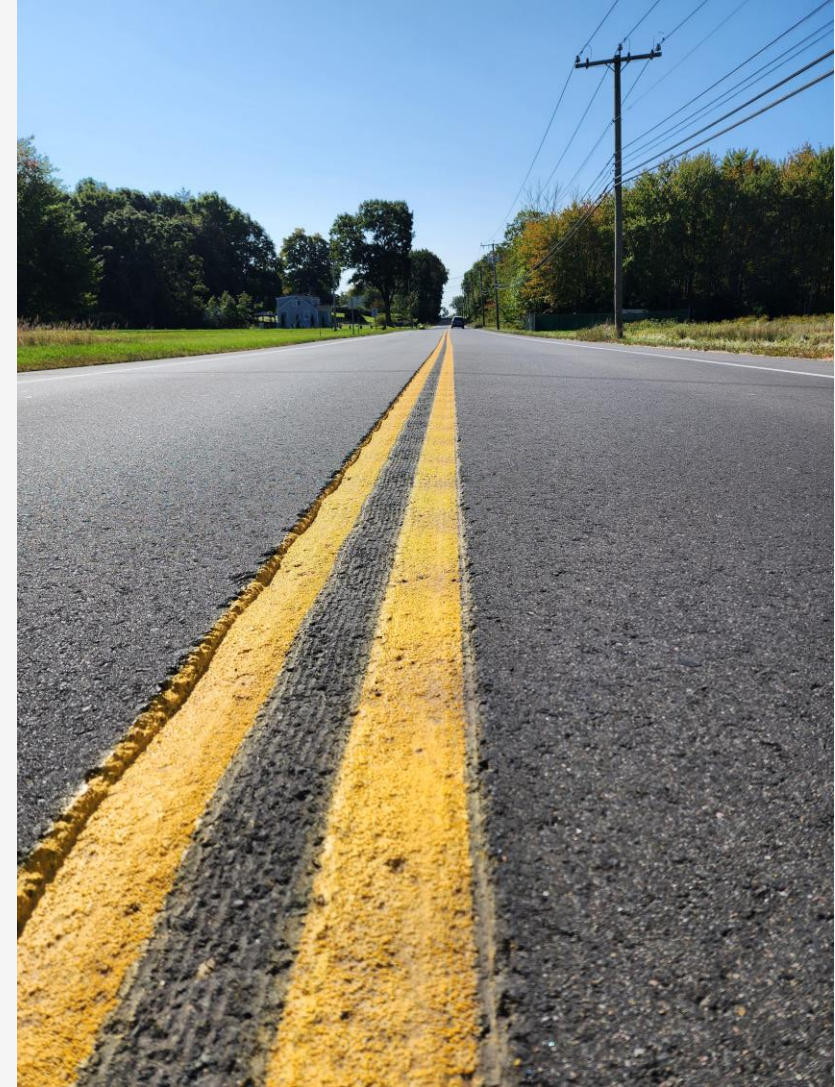
What are Centerline Rumble Strips?

CLRS are grooved patterns installed in the center of the roadway intended to alert distracted, drowsy, or inattentive drivers, through vibration and sound, that they have crossed the centerline.

CLRS installed on state routes differ from shoulder rumble strips on limited-access highways.

They are:

- More shallow,
- Spaced further apart,
- And have sinusoidal shape.



Guidance for CLRS Eligibility

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



Existing CLRS in and around North Branford

Proposed CLRS



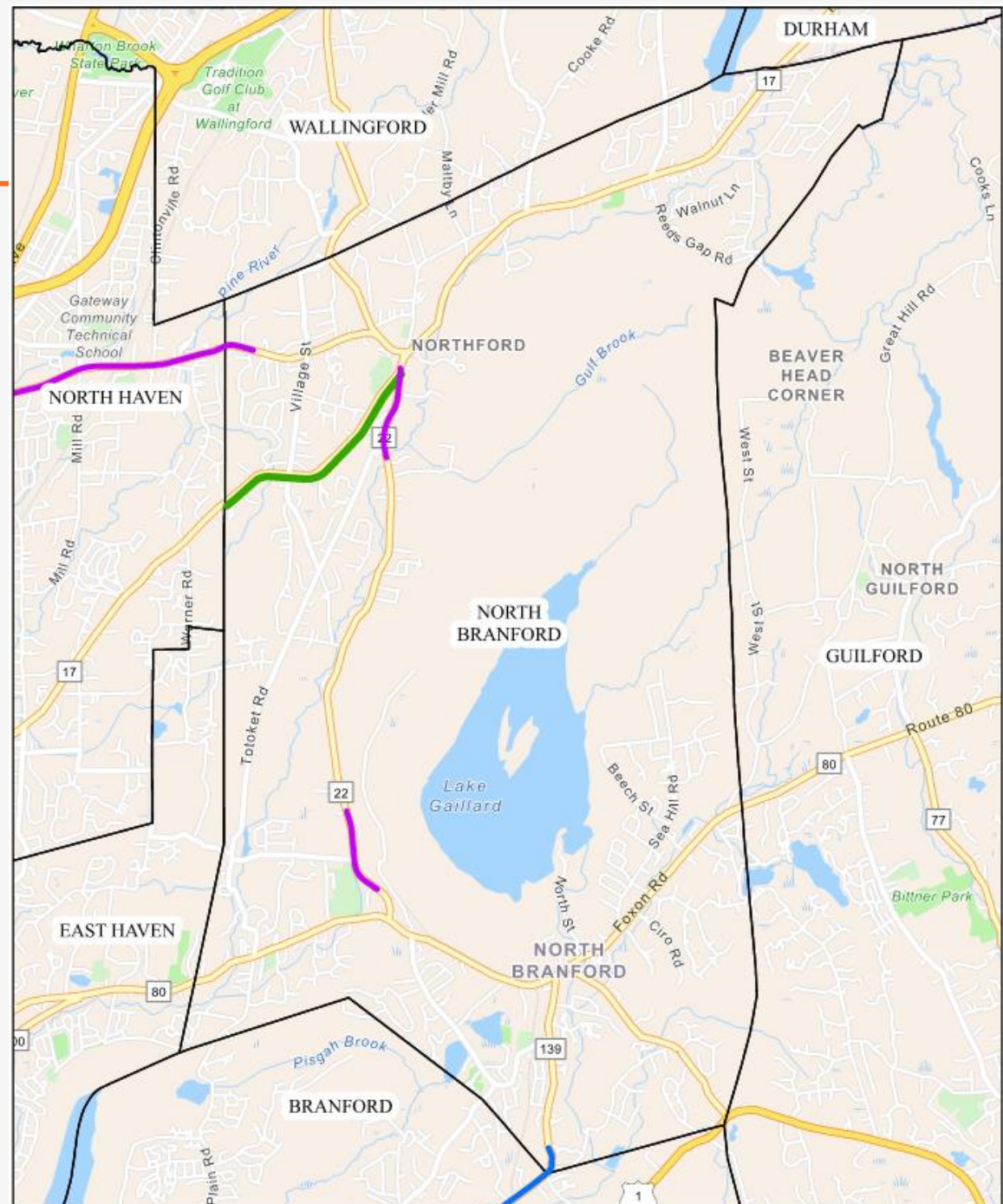
Existing CLRS



2017



2025



Video



[Rumble Strip Video](https://www.youtube.com/@ctdotofficial) available at www.youtube.com/@ctdotofficial

Why use Centerline Rumble Strips?

- A large proportion of fatal crashes in Connecticut occur due to roadway departure crashes, CLRS are a proven, low-cost safety countermeasure (~\$5,000 per mile) that should decrease the likelihood of these type of crashes occurring in the future
- The audible and vibratory warning inside a vehicle greatly improves the chances of a quick and safe return to the travel 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.



Federal Highway Proven Safety Countermeasures

Roadway Departure



[Enhanced Delineation
for Horizontal Curves](#)



[Longitudinal Rumble
Strips and Stripes on
Two-Lane Roads](#)



[Median Barriers](#)



[Roadside Design
Improvements at
Curves](#)



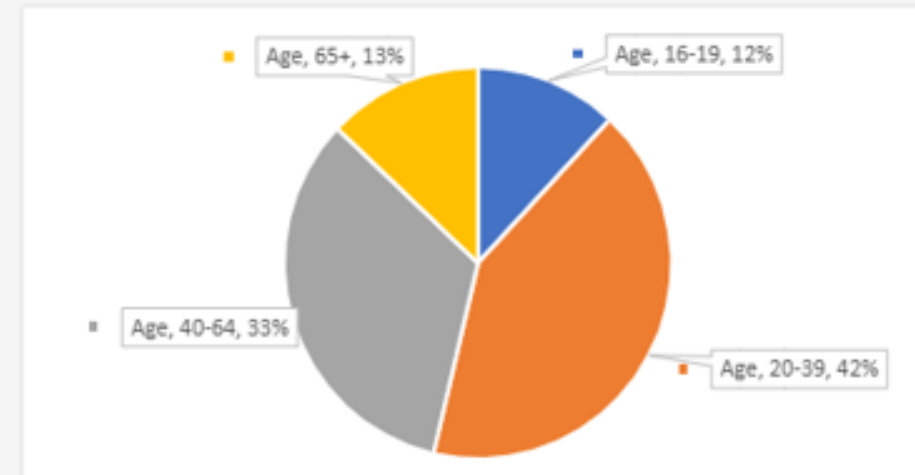
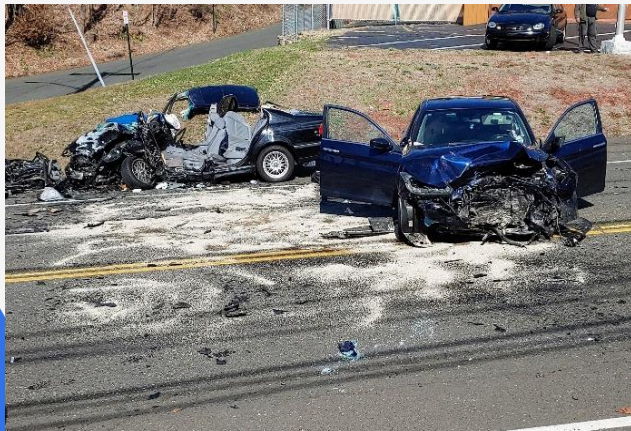
[SafetyEdgeSM](#)



[Wider Edge Lines](#)

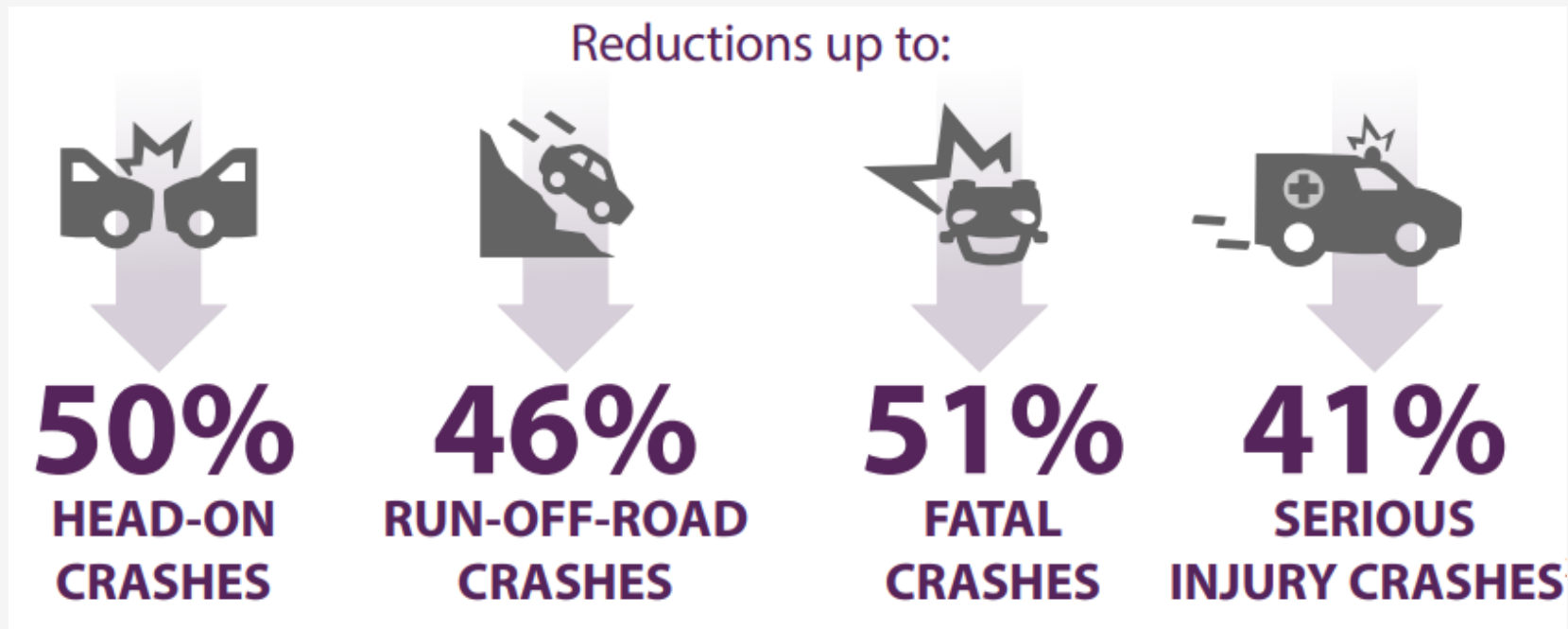
Crashes Affected by CLRS

- In 2024, there were 23 fatalities and 1,800 injuries from head-on and opposite direction sideswipe crashes on non-freeway CT roads.
- CLRS help reduce these type of crashes, which could be attributed to distracted or fatigued driving.
- An age breakdown of these persons injured in crashes associated with vehicles crossing the centerline was performed with ages 20-39 accounting for the most injuries with 42%.



Crashes Affected by CLRS

In the latest 5-year crash period, at least 3 crashes on Route 17 in North Branford may have been prevented by CLRS, where driver crossed the centerline on this segment of Route 17.

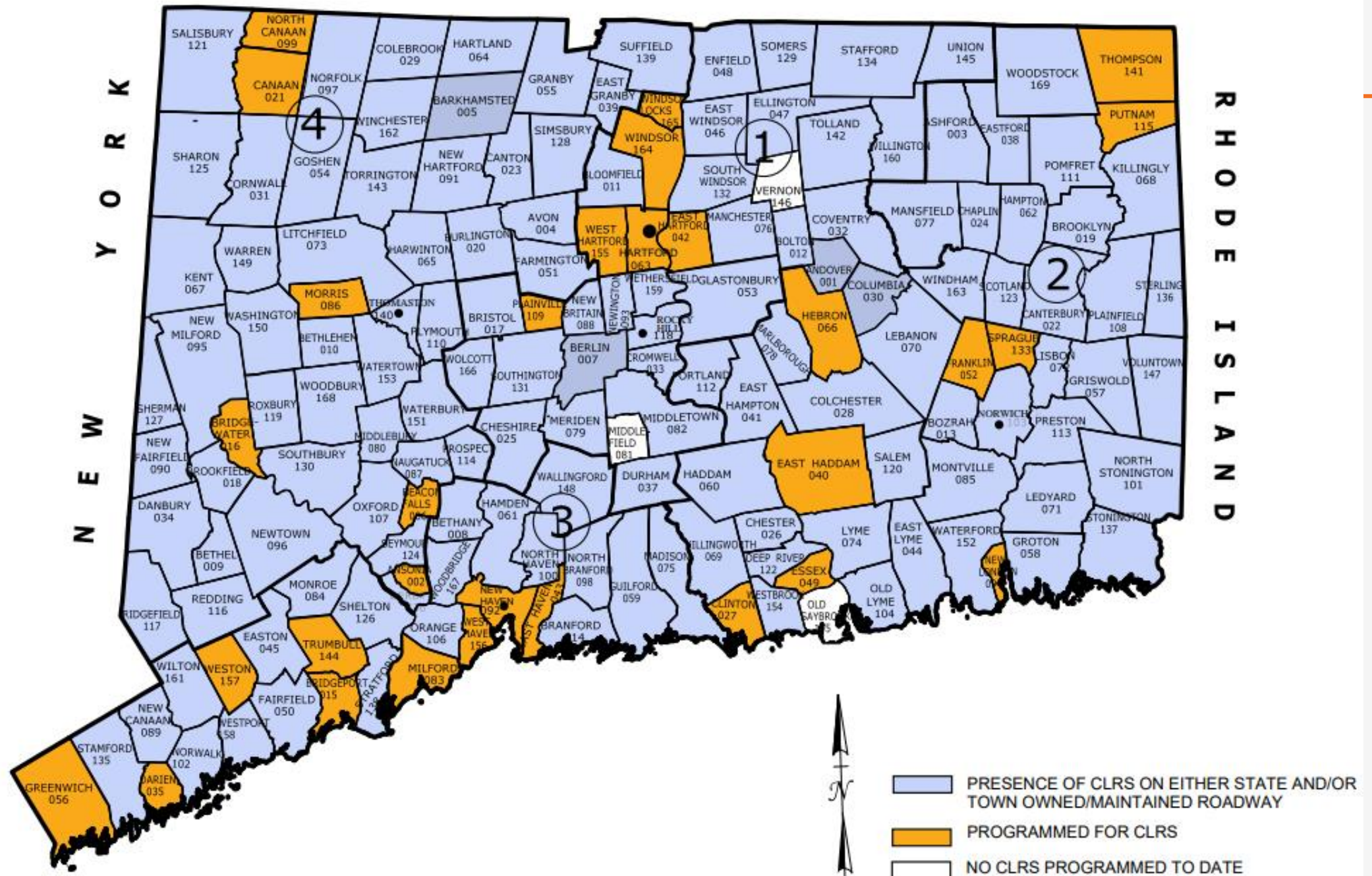


Where CLRS are being used

- CLRS are being used in **43** States including MA, NY, NH, VT, ME, and RI to improve safety.
- CT has been installing centerline rumble strips on state and local roads **since 2017**, with the latest version of the installation specification updated in 2021.
- CT has installed over **500** miles of CLRS on the State system, and over **90** miles of CLRS on local roads, with more being proposed every year.
- Link to the Federal Highway Administration's FHWA Video titled "**Rumble Strips: The Sweet Sound of Safety**".



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



CLRS Construction

- 1 dollar per foot for CLRS.
- Total cost of CLRS for Route 17 is approximately \$9000.
- Resurfacing occurred this year.
- Anticipated CLRS installation in 2025-2026.



Question & Answer Session



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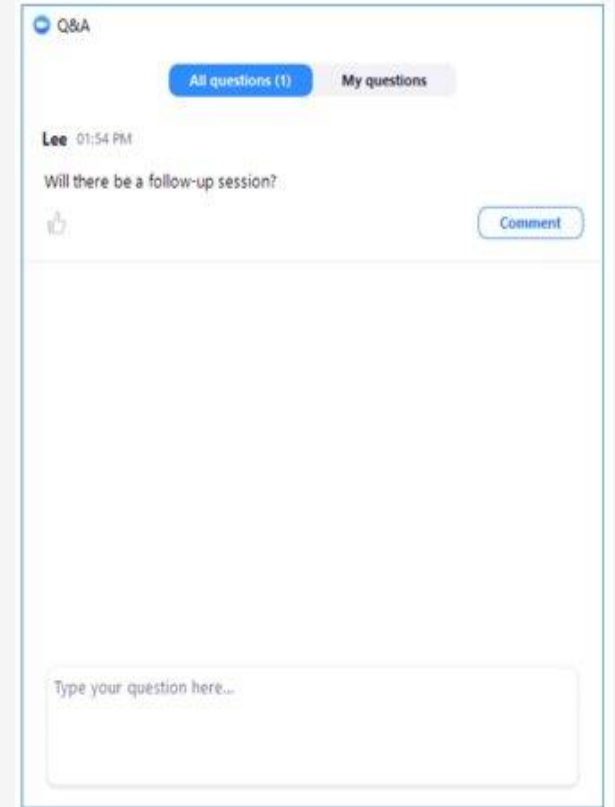


On Zoom: Q&A



PROJECT WEBPAGE:

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Moderator will answer questions
in Zoom Q&A function



Note: Comment period is open through **September 4, 2025**

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