Installation of Centerline Rumble Strips Route 10 (Main Street) in Farmington Virtual Public Information Meeting

Live Event: Tuesday, July 29, 2025, 7:00 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: <u>DOT2025CLRS-Farmington@ct.gov</u>

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

PROJECT WEBPAGE: https://portal.ct.gov/DOT2025CLRS-Farmington

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 estara disponible despues del evento en YouTube, incluyendo subtitulos y acceso a traducciones en otros idiomas.



Title VI - Your Civil Rights

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.

Closed captioning—including non-English translation options—are available on Zoom and YouTube.





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



Connecticut Department of Transportation Title VI Notice to the Public

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
Pou jwenn plis enfòmasyon, oswa asistans ak lang gratis, ranpri rele (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 전화주십시오

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



Individuals and organizations may file a complaint by completing the Title VI complaint form (https://shorturl.at/PiwvA). 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



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 Titulo 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. Tambien puede visitar nuestra oficina administrativa en 2800 Berlin Turnpike, Newington, CT 06131. Para más información, visite 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.

Un denunciante podrá presentar una queja directamente ante la Federal Highway Administration si lo hace ante la FHWA Office of Civil Rights, Attention: Title VI Program Coordinator, 8th Floor E81-105, 1200 New Jersey Ave., SE, Washington, DC 20590.

Para recibir más información o ayuda gratuita en otros idiomas, llame al (860) 594-2109.

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
Pou jwenn plis enfòmasyon, oswa asistans ak lang gratis, ranpri rele (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 कृषया (860) 594-2109 पर कॉल करें।

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

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

Installation of Centerline Rumble Strips Route 10 (Main Street), in Farmington Virtual Public Information Meeting

Live Event: Tuesday, July 29, 2025, 7:00 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: <u>DOT2025CLRS-Farmington@ct.gov</u>

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

PROJECT WEBPAGE: https://portal.ct.gov/DOT2025CLRS-Farmington

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

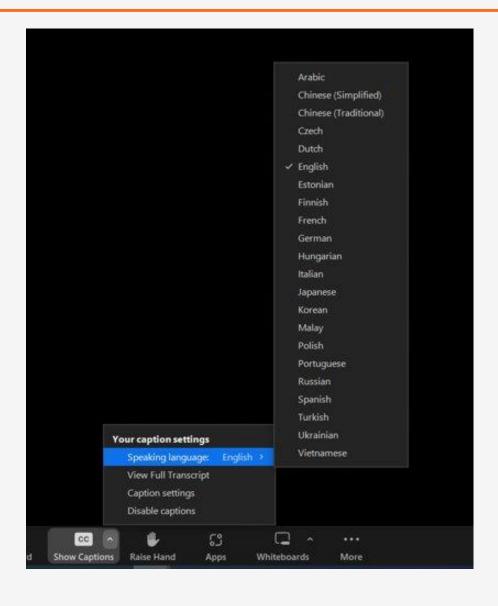
La grabación de esta presentación estara disponible despues del evento en YouTube, incluyendo subtitulos y acceso a traducciones en otros idiomas.



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.

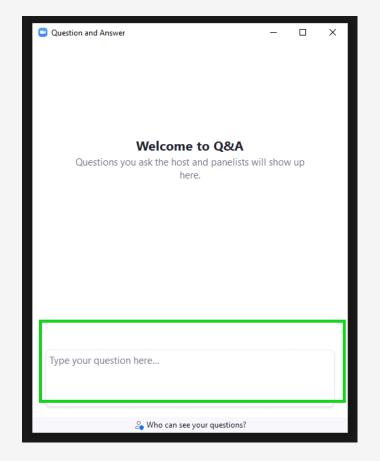




How to use Zoom Q&A

- (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



Natasha Fatu, PE, PTOE

State Safety Engineer CTDOT



Vincent Mullin, EIT

Transportation
Engineer
Moderator
CTDOT



Yi Lou, EIT

Project Engineer
Presenter
CTDOT



Shane McLean

Transportation
Engineer
Moderator
CTDOT



Agenda

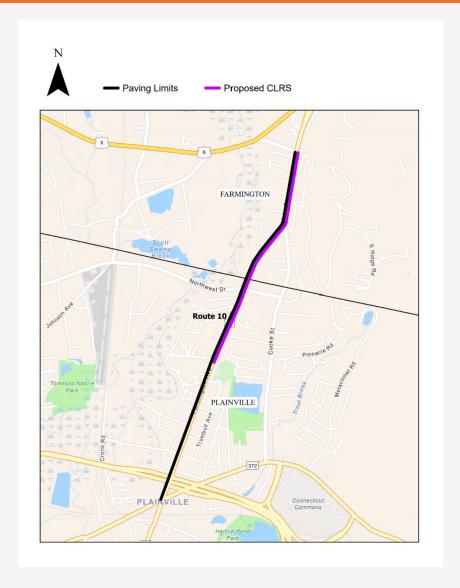
- Project Description
- What are Centerline Rumble Strips (CLRS)
- Why Use CLRS
- Potential Crash Prevention through CLRS
- Where CLRS are being used
- Criteria for CLRS Eligibility
- Cost and Schedule
- Q&A Session



Project Description

CTDOT will be resurfacing Route 10 (Main Street) from Route 372 (New Britain Ave) in Plainville to SR 552 (Scott Swamp Rd) in Farmington during the 2025 construction season, a total length of 2.2 miles.

It was determined that a 0.8-mile-long section of Route 10 in Farmington and a 0.5 miles section in Plainville that is being resurfaced is eligible for Centerline Rumble Strips (CLRS), from 100 feet south of Northampton Lane in Plainville to SR 552 (Scott Swamp Road).





What are Centerline Rumble Strips?

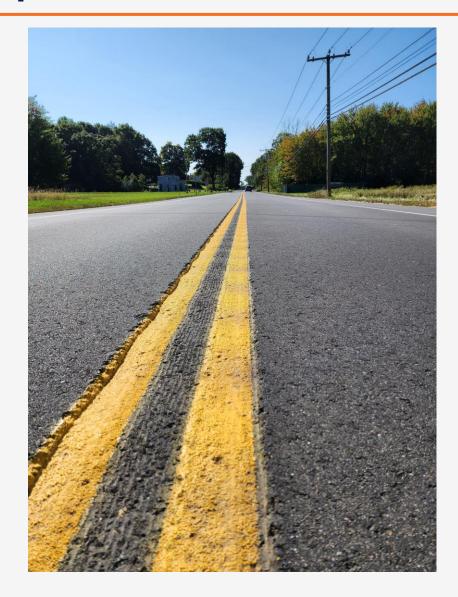
CLRS are grooved patterns installed in the center of the roadway intended to alert distracted, drowsy, or inattentive drivers, through vibration and sound, that they have crossed the centerline.

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

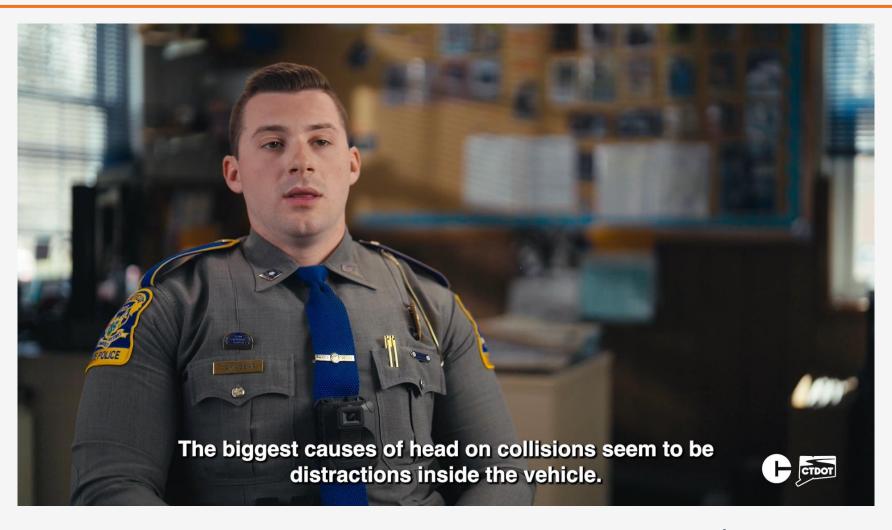
They are:

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





Video Clip





Rumble Strip Video Clip 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 <u>proven</u>, <u>low-cost</u> 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





Enhanced Delineation for Horizontal Curves



<u>Longitudinal Rumble</u> <u>Strips and Stripes on</u> <u>Two-Lane Roads</u>



Median Barriers



Roadside Design Improvements at Curves



<u>SafetyEdge^{s™}</u>



Wider Edge Lines

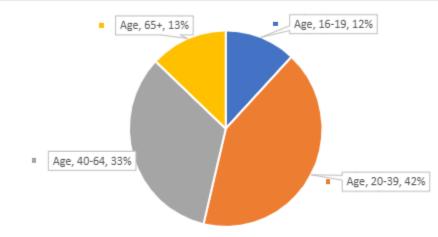


Potential Crash Prevention through CLRS

- In 2024, there were 28 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%





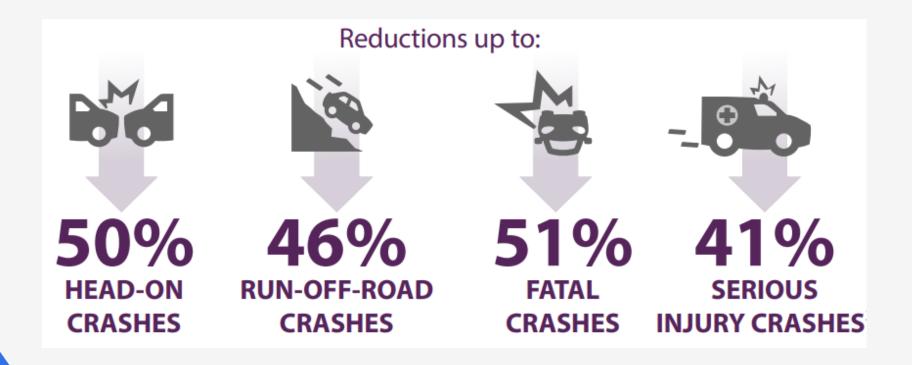




Source: CT Crash Repository ctcrash.uconn.edu

Potential Crash Prevention through CLRS

In the latest 5-year crash period, at least 2 crashes on Route 10 in Farmington may have been prevented by CLRS, where driver crossed the centerline on this segment of Route 10.

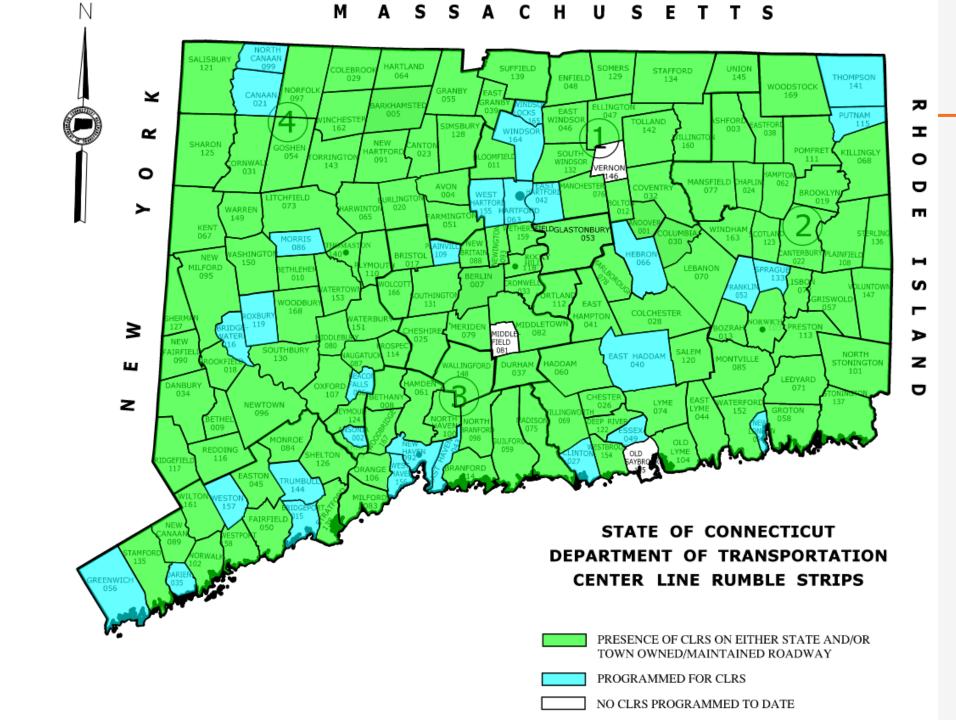




Where CLRS are being used

- 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 2018, 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".





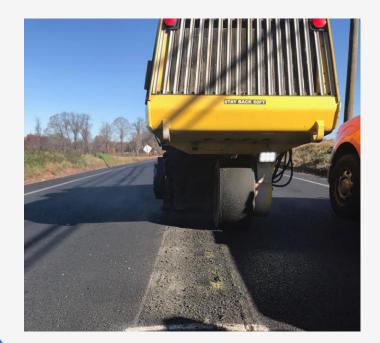
Guidance for CLRS Eligibility

- 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.



CLRS Construction

- 1 dollar per foot for CLRS.
- Total cost of CLRS for Route 10 in Farmington is approximately \$4,500.
- Resurfacing starting in 2025.
- Anticipated CLRS installation in 2025.







Question & Answer Session



By Email: DOT2025CLRS-Farmington@ct.gov



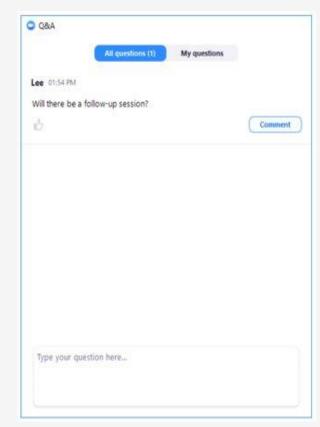
By Phone: (860) 594-2020



On Zoom: Q&A



Project Webpage: https://portal.ct.gov/DOT2025CLRS-Farmington



Moderator will answer questions in Zoom Q&A function



Note: Comment period is open through August 12, 2025