



STATE OF CONNECTICUT

DEPARTMENT OF TRANSPORTATION



2800 BERLIN TURNPIKE, P.O. BOX 317546
NEWINGTON, CONNECTICUT 06131-7546

Phone: (860) 594-2711

October 6, 2023

VIA E-MAIL

Dear Chief Elected Official:

Subject: 2023 Vendor-in-Place (VIP) Program – Installation of Centerline Rumble Strips (CLRS)

The Connecticut Department of Transportation (CTDOT) is tentatively planning to resurface routes in the State during the 2023 construction season. The sections shown in the enclosed aerial image meet CTDOT's requirements for the installation of centerline rumble strips (CLRS). CTDOT is requesting your review and concurrence for the possible installation of CLRS in the area shown below in your city/town.

CLRS are a cost-effective, proven safety countermeasure that substantially reduce the risks of head-on, sideswipe opposite direction, and roadway departure crashes. A CLRS is a longitudinal safety feature installed at the centerline of a paved roadway. It is comprised of a series of milled grooves embedded in the centerline of the roadway, which are painted over with yellow centerline markings. These grooves produce sound and vibration intended to alert distracted, drowsy or inattentive drivers that they have unintentionally crossed the centerline. The grooves are not as deep as those on Connecticut's freeways, therefore they are not as loud. For those drivers who unintentionally cross the centerline, the audible and vibratory warning provided by the CLRS greatly improves the chances of a quick and safe return to their lane. Where drivers do not safely recover, the warning created by the rumble strips often improves driver reaction, reducing crash severity. CLRS also serve as an effective means of locating the travel lane during inclement weather, when pavement markings may be obscured by fog, snow or rain. The vibration provided by CLRS can assist drivers from unintentionally crossing the centerline during these conditions. Please click [here](#) for more information about CLRS. A map of Connecticut which shows the towns that have CLRS can be found [here](#).

In 2022, there were 25 fatalities and 2,265 injuries from head-on and opposite direction sideswipe crashes on Connecticut roadways (non-interstate). There were also 198 single vehicle crashes involving 79 injuries where the driver crossed the centerline and struck a fixed object on the opposite side of the road. One in three of the persons injured in crashes associated with vehicles crossing the centerline were under the age of 25.

CTDOT's guidelines for the installation of CLRS are based on national best practices and include the following criteria; traffic volume exceeding 2,000 vehicles per day, speed limit of 35 mph or higher, minimum lane width of 14 feet (measured from the double yellow centerline to the right edge of pavement), pavement in good condition and low residential density in close proximity (within 100 feet from the edge of road).

If you concur with the prospect of installing CLRS at the location(s) depicted on the enclosed map pending completion of the resurfacing project, please sign this letter in the space provided below and email it to CTDOT's Traffic Safety Engineering group at TrafficSafety.DOT@CT.gov. Please retain a copy for your records. It is not anticipated that an informational meeting or formal public hearing would be necessary due to the limited nature of the proposed work. However, if a meeting is required by the municipality or should you have any questions or disagree with the recommendation, please contact Yi Lou at Yi.Lou@ct.gov. If your response is not received by October 20, 2023, it will be assumed that the City/Town is in concurrence that a public hearing is not required.

Very truly yours,



Matthew C. Blume, P.E., PTOE
2023.10.05 14:58:24-04'00"

Matthew C. Blume, P.E.
Division Chief of Traffic Engineering
Bureau of Engineering and Construction

Enclosure
cc: Local Traffic Authority

On behalf of the City/Town, I concur with the installation of centerline rumble strips in the aforementioned sections, and that neither a public informational meeting nor a public hearing is needed for the installation of the centerline rumble strips.

Signature

Date

Printed Name and Title

Town/City

Town of Wilton
Route 7
2023 Vendor-in-Place (VIP) Program
Installation of Centerline Rumble Strips (CLRS)

