

Project Title: Accessible Pedestrian Signal Upgrades in Eastern CT (District 2)

Project Number: 0172-0541

General Project Description: This project has been initiated to install accessible pedestrian signal (APS) upgrades to existing traffic control signal infrastructure at intersections on State roads in District 2. These upgrades are expected to improve pedestrian compliance at traffic signals and reduce pedestrian/vehicle conflicts as outlined in CT’s HSIP Implementation Plan. Countdown signal heads and LPI phasing have been shown to have a 25 percent and 60 percent reduction in pedestrian collisions, respectively. There are 21 locations included in this project that have been screened and identified by the CTDOT that will benefit from APS equipment replacement, installation, or revisions.

The design will be focused on the upgrade of existing pedestrian control features to include accessible pedestrian signals (APS) with pushbuttons and countdown signal heads. In keeping with the intent of the CTDOT Complete Streets Policy, the project also includes limited improvements to sidewalks and sidewalk ramps, pavement markings and illumination, in conjunction with the installation of APS equipment. Construction and/or permanent easements may be needed for appurtenances and/or sidewalk ramps. There is significantly less than one acre of disturbance for each location.

Traffic Control Signal – Partial Replacement (upgrades to pedestrian control features):

Town	Location	Intersection No.
Brooklyn	Route 6 at Tiffany Street Connector	019-208
Clinton	Route 1 at Knollwood Drive and Shopping center Drive	027-210
East Hampton	Route 16 at Route 196	041-201
East Lyme	Route 156 at SSR 449	044-208
East Lyme	Route 161 at Society Road	044-218
Groton	SR 649 at Old Farms Road and Poquonnock Road	058-253
Groton	Route 184 at Buddington Road	058-258
Groton	Route 1 at Colver Avenue and Private Drive	058-272
Mansfield	Route 32 at Route 275	077-212
Mansfield	Route 195 at Moulton Road and Drive to Parking Lot	077-213
Norwich	Route 12 at Eighth Street	103-207
Norwich	Route 12 at Boswell Ave and Barnes St	103-236
Preston	Route 2 at Mathewson Mill Road and Ross Road	113-210
Putnam	US Route 44 at Route 21	115-207

Putnam	Route 44 at I-395 SB Ramp and Walmart Driveway	115-221
Stonington	Route 1 at Route 1A and Flander Road	137-201
Waterford	Route 1 at Strosberg Road and Drive to Plaza	152-223
Waterford	Route 156-at Gardiners Wood Road	152-243
Windham	Route 32 at Cantor Drive	163-233
Windham	Route 6 at Northridge Drive and Private Driveway	163-236
Windham	Route 14 and Routes 14 & 203 at Route 203	163-238