

**Project Title:** Installation & Revision of Traffic Control Signals in District 2

**Permanent Project Number:** 0172-0550

**General Project Description:** Project No. 0172-0550 will install new traffic control signal equipment, which may include span poles, mast arms, pedestals, signal heads, span wires, conduits, vehicle detectors, signing and pavement markings and will upgrade the pedestrian control features, which may include pedestrian countdown heads, sidewalk ramps and sidewalk extensions, to meet current department standards. Existing traffic signal equipment will be removed, as needed, at each intersection. Installation of traffic control signal equipment will require excavation of existing equipment as well as excavation for new foundations (span pole, mast arm, pedestal, controller cabinet, etc.) and trenching (i.e. conduit) as required. In addition to excavation for traffic signal equipment, excavation will be required for sidewalk, sidewalk ramps, and bus stop pads that will be installed or reconstructed to meet current ADA standards. In areas of an intersection where there is existing signal equipment, excavation will take place in areas that have undergone extensive ground disturbance in the past. In areas of an intersection where there is no existing signal equipment, excavation may be in areas where there may not have been extensive ground disturbance in the past. There is significantly less than one acre of disturbance for each location.

**Purpose and Need Statement:**

The purpose of this project is to replace the aging traffic signal infrastructure at various intersections in District 2, as needed for a state of good repair.

**Traffic Control Signal – Full Replacement:**

1.	058-219	Groton	Route 27 (Main St) at River Rd
2.	069-201	Killingworth	Route 81 (Higganum Rd) at Route 148 (Tooley Rd and Chester Rd)
3.	071-225	Ledyard	Route 2 WB On & Off Ramps at MGM Grand Drive and Driveway to Lot #8
4.	094-231	New London	SR 641 (Huntington St) at State St, Broad St, and Gov. Winthrop Blvd
5.	103-232	Norwich	Route 82 (Salem Tpke) at Old Salem Rd #2 and Thomas Mahan School Rd
6.	103-251	Norwich	Route 2/32 (Washington St) at Route 32 SB/Route 82 WB (Viaduct)
7.	103-269	Norwich	SR 642 (Franklin Tpke) at Fitchville Rd
8.	108-211	Plainfield	Route 14 (East Main St) at I-395 NB Ramps and Squaw Rock Rd
9.	113-211	Preston	Route 2 (Norwich Westerly Rd) at Route 164 (Preston Plains Rd)
10.	137-230	Stonington	US Route 1 (Broad St) at Pawcatuck Shopping Center
11.	163-205	Windham	Route 66 (Columbia Ave) at Route 66 & 32 (Main St) West Junction
12.	163-216	Windham	Route 32 (Main St) at US Route 6 EB On/Off Ramps
13.	169-203	Woodstock	Route 169 (Norwich-Worcester Tpke) at Route 171 (Somers Tpke) & Stone Bridge Road