

Report of Meeting



MEETING September 11, 2018

DATE / TIME: 1:00 PM

PLACE: Connecticut Department of Transportation HQ
Newington/ New Britain CTSS Project Site

SUBJECT: Project No. 0093-0218
Newington/New Britain Coordinated Traffic Signal System (CTSS)
Replacement and Upgrade

ATTENDEES: John Korte, CTDOT Highway Operations
Matthew Blume, CTDOT Highway Design
Anna Bongiorno, CTDOT Highway Operations
Amir Hassan, CTDOT Highway Operations
Kevin Danh, CTDOT Highway Operations
Gary Fuerstenberg, Town of Newington
Craig Minor, Town of Newington
Carl Gandza, Town of New Britain
Glenn Stevens, Gannett Fleming

PURPOSE: Pedestrian Accommodations

A. Comments/Open Discussion

1. Project No. 0093-0218 will upgrade fifteen (15) state-owned signalized intersections along Route 175 (Cedar St), S. R. 505 (Fenn Rd), and Ella Grasso Blvd in Newington and New Britain and interconnection of the intersections as a coordinated traffic signal system. There is a need to improve traffic flow along this corridor and in order to accomplish this need many of the traffic signal appurtenances require replacement. It should be noted that, many of the traffic signal control cabinets, steel span poles, signal heads, and related equipment at these intersections are over twenty (20) years old, have surpassed their life expectancy and do not meet current MUTCD and ADA standards. The existing intersections are not interconnected with copper or fiber and a majority are currently coordinated via time-of-day timing plans. The list of the intersections included in the project are:

TOWN	INT NO.	INTERSECTION
NEWINGTON	093-237	ROUTE 175 (CEDAR ST) AT PATRICIA M GENOVA DR
NEWINGTON	093-213	ROUTE 175 (CEDAR ST) AT HAWLEY ST/CONSTANCE LEIGH DR

TOWN	INT NO.	INTERSECTION
NEWINGTON	093-231	ROUTE 175 (CEDAR ST) AT ROUTE 176 (MAIN ST)
NEWINGTON	093-212	ROUTE 175 (CEDAR ST) AT MILL STREET EXTENTION/MAZZACCOLI WAY
NEWINGTON	093-204	ROUTE 175 (CEDAR ST) AT ROUTE 173 (WILLARD AVE)
NEWINGTON	093-254	ROUTE 175 (CEDAR ST) AT VINCENT DR
NEWINGTON	093-211	ROUTE 175 (CEDAR ST) AT MAPLE HILL AVE/OLD FARM DR
NEWINGTON	093-210	ROUTE 175 (CEDAR ST) AT BUSINESS DRIVEWAY
NEWINGTON	093-209	ROUTE 175 (CEDAR ST) AT ROUTE 9 EXIT RAMP/FENN RD
NEWINGTON	093-259	FENN RD AT CT FASTTRAK/CEDAR ST
NEWINGTON	093-252	FENN RD AT SHOPPING CENTER
NEWINGTON	093-251	FENN RD AT ELLA GRASSO RD/HOLLY DR
NEWINGTON	093-250	ELLA GRASSO RD AT ROUTE 9 EXIT RAMP
NEW BRITAIN	088-232	ROUTE 175 (EAST ST) AT WELLS ST/ROUTE 9 ENTRANCE RAMP
NEW BRITAIN	088-280	ROUTE 175 (EAST ST) AT PAUL MANAFORT DR

2. This project was identified as an Early Deployment Need as part of the Statewide CTSS Needs Assessment as Route 175 (Cedar St), S. R. 505 (Fenn Rd), and Ella Grasso Blvd will likely serve as a critical alternative route for future work along the I-84 corridor.
3. The project will include the installation of fiber-optic transmission cable from the field equipment directly back to Connecticut Department of Transportation (CTDOT) Newington HQ. The project will also install new CCTV cameras along the road segments that will allow for monitoring of diversion routing congestion by CTDOT staff.
4. CTDOT is also considering adaptive traffic signal technology for this corridor.
5. The following MUTCD compliant pedestrian accommodation options were discussed with the Town for various intersections.
 - a. Exclusive Pedestrian Phasing
 - b. Concurrent Pedestrian Phasing
 - Lead Pedestrian Interval
 - c. Removal of Pedestrian Accommodations. This option requires the

following:

- Town concurrence
- CTDOT Traffic Engineering report for Office of State Traffic Administration (OSTA) review and approval
- Town endorsement of report
- Removal of Concrete Ramps and Pedestrian related traffic signal appurtenances (as necessary) identified in the Project 0093-0218 design plans.
- Installation of “No Pedestrian Crossing” sign under State Project 0093-0218 (required only for crossing artery).

6. The main purpose of this meeting was to determine the preferred pedestrian accommodations at each of the fifteen (15) signalized intersections in the project. A spreadsheet was handed out that summarized the existing pedestrian accommodations (appended with the sign-in sheet). Google Earth was also utilized during the meeting as each intersection was being discussed. All attendees discussed each intersection in detail before agreeing to the preferred pedestrian accommodations summarized below.

INT. NO.	INTERSECTION NO.	PREFERRED PEDESTRIAN ACCOMMODATIONS
093-237	ROUTE 175 (CEDAR ST) AT PATRICIA M GENOVA DR	NO CHANGES PROPOSED. NO PEDESTRIAN ACCOMMODATIONS.
093-213	ROUTE 175 (CEDAR ST) AT HAWLEY ST/CONSTANCE LEIGH DR	MAINTAIN EXISTING CROSSWALK LOCATIONS AND EXCLUSIVE PEDESTRIAN PHASE.
093-231	ROUTE 175 (CEDAR ST) AT ROUTE 176 (MAIN ST)	MAINTAIN EXISTING CROSSWALK LOCATIONS AND EXCLUSIVE PEDESTRIAN PHASE.
093-212	ROUTE 175 (CEDAR ST) AT MILL STREET EXTENTION/MAZZACCOLI WAY	MAINTAIN EXISTING CROSSWALK LOCATIONS AND EXCLUSIVE PEDESTRIAN PHASE.
093-204	ROUTE 175 (CEDAR ST) AT ROUTE 173 (WILLARD AVE)	MAINTAIN EXISTING CROSSWALK LOCATIONS AND EXCLUSIVE PEDESTRIAN PHASE.
093-254	ROUTE 175 (CEDAR ST) AT VINCENT DR	REPLACE EXISTING SIDE STREET GREEN WITH CONCURRENT PEDESTRIAN PHASING. ADD NECESSARY PEDESTRIAN ACCOMMODATIONS AND CROSSWALKS.
093-211	ROUTE 175 (CEDAR ST) AT MAPLE HILL AVE/OLD FARM DR	MAINTAIN EXISTING CROSSWALK LOCATIONS AND EXCLUSIVE PEDESTRIAN PHASE.
093-210	ROUTE 175 (CEDAR ST) AT BUSINESS DRIVEWAY	NO PEDESTRIAN ACCOMMODATIONS.
093-209	ROUTE 175 (CEDAR ST) AT ROUTE 9 EXIT RAMP/FENN RD	ADD A CROSSWALK AND PEDESTRIAN ACCOMMODATIONS ON THE FENN STREET APPROACH FOR CONCURRENT PEDESTRIAN PHASING WITH LEAD PEDESTRIAN INTERVAL, NO PEDESTRIAN ACCOMMODATIONS CROSSING ROUTE 175 AND ROUTE 9 RAMP.

INT. NO.	INTERSECTION NO.	PREFERRED PEDESTRIAN ACCOMMODATIONS
093-259	FENN RD AT CT FASTTRAK	MAINTAIN EXISTING CROSSWALK LOCATIONS AND EXCLUSIVE PEDESTRIAN PHASE.
093-252	FENN RD AT SHOPPING CENTER	NO PEDESTRIAN ACCOMMODATIONS.
093-251	FENN RD AT ELLA GRASSO RD/HOLLY DR	ADD CROSSWALKS AND NECESSARY PEDESTRIAN ACCOMMODATIONS FOR AN EXCLUSIVE PEDESTRIAN PHASE.
093-250	ELLA GRASSO RD AT ROUTE 9 EXIT RAMP	NO PEDESTRIAN ACCOMMODATIONS.
088-232	ROUTE 175 (EAST ST) AT WELLS ST/ROUTE 9 ENTRANCE RAMP	CROSSWALK ON WELLS ST APPROACH ONLY WITH CONCURRENT PEDESTRIAN PHASING. LEAD PEDESTRIAN INTERVAL RECOMMENDED.
088-280	ROUTE 175 (EAST ST) AT PAUL MANAFORT DR	MAINTAIN EXISTING CROSSWALK LOCATIONS AND EXCLUSIVE PEDESTRIAN PHASE.

Prepared by: Glenn Stevens
 Gannett Fleming, Inc.

09/26/18
 Date

Approved by: Kevin Danh
 Connecticut Department of Transportation

10/05/18
 Date