

**STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION**



**PROJECT MEMORANDUM - NO
PPI**

DATE: 8/22/2022

To: Darren E. Meyers
Director of Capital Services
Bureau of Finance & Administration

MOD # RPM

From: Jen Trio for Kevin Danh
HO Project ID: DOT01703639HO
FD Project ID:
RW Project ID:
CN Project ID:

Please Review Project Information and Estimate for Approval:

Project Description (short): 28 (30 Characters)	CTSS Operational Improvement
Project Description (long): 244 (254 Characters)	Statewide Computerized Traffic Signal Systems (CTSS) Operational Improvement Project (OIP) for support of traffic signal central control system software, operations and maintenance of traffic signal equipment. PODI term project 1/1/23-12/31/26.

Justification: 1177 (1333 Characters)	This non-construction OIP is to fund Intelligent Transportation Systems (ITS) CTSS central control system software and modules procurement, integration, configuration, and operation; operational costs for management, monitoring, control and coordination timing plans for CTSS; performance measures; non-construction equipment procurement and installation; consultant and state labor support for the OIP activity; and CTDOT Office of Maintenance state forces response for emergency repair of state-owned traffic signals. The OIP for CTSS support provides an opportunity to improve traffic signal and system operation to meet multiple traffic signal objectives through a series of strategies and tactics. Implementing advanced technology/applications including traffic signal central control system software and modules, communications technology, traffic signal controllers, arterial CCTV and traffic signal detection technology will provide the CTSS engineers continuous real time data sources that lead to improved management of CTSS for increased safety, efficiency, reliability and mobility. This project partly replaces projects DOT00930228HO & DOT00930229HO. PAED 6/30/30.
Project Manager: Kevin Danh	
Project Engineer:	Total estimated cost is \$19,710,000 with yr 1 = \$3,920,000, yr 2 = \$4,360,000, yr 3 = \$4,970,000 and yr 4 = \$6,460,000. CTSS activities were previously funded under the Newington Highway Operations Center projects, but FHWA has requested that a standalone CTSS OIP be initiated. Per FHWA, procurement costs do not need to be segregated and tracked under a standalone Federal-aid project number.

Scope Code: #N/A

Requested Schedule (Proj. Manager):		Assigned Schedule (Capital Planning):	
☐ State ADV	1/1/2023	HO Start	PE Auth
☐ Town ADV		FDP	FDP
		DCD	DCD
		ADV	ADV

Estimates Summary:

Project Type		Project Type CN	
Project Type	EST Amount Requested	Activity	EST Amount Requested
HO	\$19,710,000	CT	\$0
FD	\$0	CG	\$0
		IN	\$0
Total	\$19,710,000	NI	\$0
		NF	\$0
		UT	\$0
		RF	\$0
		SF	\$0
		TF	\$0
		CM	\$0
Total	\$0	Total	\$0
Project Grand Total (Sum of Project Types) = \$19,710,000			

Submitted by: (sign & date)

 Date: 2022.09.08 15:35:51-04'00'

Project Manager - Kevin Danh

 2022.09.08 15:42:19-04'00'

Principal Engineer - Harold J. Decker

Approved by: (sign & date)

  Date: 9/13/2022

Bureau Chief - Paul T. Rizzo

 9/13/2022
Director of Capital Services - Darren E. Meyers

