

**STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION**



DATE: 11/13/2018

To: **Patricia A. Hustus**
Capital Services Division
Bureau of Finance & Administration

MOD # RPM

From: L.Zhang for Harold Decker
 FD Project ID: **DOT00070262FD**
 PE or PL Project ID: **DOT00070262PE**
 RW Project ID: **DOT00070262RW**
 CN Project ID: **DOT00070262CN**

Please Review Project Information and Estimate for Approval:

Project Description (short): 29 (30 Characters)	Traf Sig Sys Con Veh Tech Ph2
Project Description (long): 254 (254 Characters)	Installation of a Computerized Traffic Signal System (CTSS) with Connected Vehicle (CV) technology on U.S. Route 5/CT Route 15 (Wilbur Cross/Berlin Turnpike) in Berlin, from N. Colony Street Int. #7-201 to Home Depot Int. #7-243. Project is phase 2 of 2.

Justification: 618 (1333 Characters)	CTDOT will use this project as an early adopter and deployment for testing Intelligent Transportation System (ITS) deployment for Connected Vehicles (CV). CV technology has the potential to significantly prevent and reduce the impacts of crashes. Other benefits include mobility, system efficiency, and reduced vehicle emissions and noise. The project will include replacing the aging traffic signals infrastructure as needed for a state of good repair. Project will include adaptive signal control and Automated Traffic Signal Performance Measures (ATSPM) to improve traffic flow. The PE phase includes a PD/FD split.
Project Manager: Harold Decker	
Project Engineer: John Korte	

Scope Code: ST 4	ST 4 - Signalization Improvements
Requested Schedule (Proj. Manager):	
<input checked="" type="checkbox"/> State ADV	3/4/2020 PE(PD) Start
<input type="checkbox"/> Town ADV	5/26/2021 Design Approval/FD/RW
	4/27/2022 FDP
	6/8/2022 DCD
	7/6/2022 ADV
Assigned Schedule (Capital Planning):	
	PE Auth
	FD/RW Auth
	FDP
	DCD
	ADV

Estimates by Activity (Minor Phase):							
Total EST in Core-CT	Estimate in Core-CT for RPM/MOD #	EST Amount Requested	Activity	Total EST in Core-CT	Estimate in Core-CT for RPM / MOD#	EST Amount Requested	
\$0	\$0	\$950,000	PE	CT	\$0	\$0	\$8,000,000
\$0	\$0	\$0	NF	CG	\$0	\$0	\$0
\$0	\$0	\$950,000		IN	\$0	\$0	\$0
				NI	\$0	\$0	\$0
				NF	\$0	\$0	\$0
				UT	\$0	\$0	\$0
				RF	\$0	\$0	\$0
				SF	\$0	\$0	\$0
				TF	\$0	\$0	\$0
				CM	\$0	\$0	\$0
\$0	\$0	\$120,000			\$0	\$0	\$8,000,000

Preceding MOD #		Current MOD #	RPM	Total EST Amount in Core-CT for All Phases	\$0
Preceding MOD Amt	\$0	Current MOD Amt	\$0		

Submitted by: (sign & date)	Approved by: (sign & date)
Manager (Print Name)	Bureau Chief (Print Name)
Director / Administrator (Print Name)	Capital Planning - Darren E. Meyers

Preliminary Engineering Estimates by Activity / Fund / SID:							RPM	Project ID		DOT00070262PE			
Proj Type	Activity	Federal Amount	Fed Fund	Fed SID	Source Type	State Amount	State Fund	State SID	Source Type	Other Amount	Other Fund	Other SID	Source Type
PE	PE0000	\$520,000	12062	22108	ZNHPP	\$130,000	13033	41404	ZSTEZ				
FD	PE0000	\$240,000	12062	22108	ZNHPP	\$60,000	13033	41404	ZSTEZ				
PE													
PE													
		\$760,000				\$190,000				\$0			
PE SUM:		\$950,000											

Rights of Way Estimates by Activity / Fund / SID:							RPM	Project ID		DOT00070262RW			
Proj Type	Activity	Federal Amount	Fed Fund	Fed SID	Source Type	State Amount	State Fund	State SID	Source Type	Other Amount	Other Fund	Other SID	Source Type
RW	RW0000	\$96,000	12062	22108	ZNHPP	\$24,000	13033	41404	ZSTEZ				
RW													
RW													
RW													
		\$96,000				\$24,000				\$0			
RW SUM:		\$120,000											

Construction Estimates by Activity / Fund / SID:							RPM	Project ID		DOT00070262CN			
Proj Type	Activity	Federal Amount	Fed Fund	Fed SID	Source Type	State Amount	State Fund	State SID	Source Type	Other Amount	Other Fund	Other SID	Source Type
CN	CT0000	\$6,400,000	12062	22108	ZNHPP	\$1,600,000	13033	41404	ZSTEZ				
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		\$6,400,000				\$1,600,000				\$0			
CN SUM:		\$8,000,000											

DOTPE Budget in Core-CT			Activity		DOTCN Budget in Core-CT	
\$0		PE	CT		\$0	
\$0		NF	CG		\$0	
\$0			IN		\$0	
			NI		\$0	
			NF		\$0	
			UT		\$0	
			RF		\$0	
			SF		\$0	
			TF		\$0	
			CM		\$0	
\$0					\$0	