

**STATE OF CONNECTICUT  
DEPARTMENT OF TRANSPORTATION**



**PROJECT MEMORANDUM FOR  
ENGINEERING**

DATE: 5/23/2016

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

MOD # \_\_\_\_\_ RPM \_\_\_\_\_

From: Andy Fesenmeyer

FD Project ID: DOT00880192FD  
PE Project ID: DOT00880192PE  
RW Project ID: \_\_\_\_\_  
CN Project ID: DOT00880192CN

Please Review Project Information and Estimate for Approval:

<b>Project Description (short):</b> 28 (30 Characters)	Traffic Signal Modernization
<b>Project Description (long):</b> 191 (254 Characters)	The modernization of traffic signals at 23 intersections along West Main Street, Columbus Boulevard, Myrtle Street, East Main Street, Broad Street and Main Street in the City of New Britain.

<b>Justification:</b> 931 (1333 Characters)	This project was selected by CTDOT in 2016, through a COG solicitation, for funding under the CMAQ Program. The project will upgrade the signal equipment, establish a centralized system, coordinate intersections, allow for monitoring, data collection and adjustments in real time. This project will also reduce travel time delay. Per the approved application and CMAQ Program Guidelines, the total funding approved for this project, excluding the cost of CTDOT design reviews, is \$3,000,000. The City is responsible for all costs above this approved amount, except for the cost of CTDOT design reviews, which is separate from, and in addition to, the \$3,000,000 cap. Funding is 100% Federal CMAQ funds. Total PE estimate = \$400,000 (\$250,000 for City design cost, \$150,000 for CTDOT design review cost). PE(PD) = \$175,000 (\$100,000 for City, \$75,000 for CTDOT). PE(FD) = \$225,000 (\$150,000 for City, \$75,000 for CTDOT).
<b>Project Manager:</b> Andy Fesenmeyer	
<b>Project Engineer:</b> Jennifer Sweeney	

<b>Scope Code:</b> UL 3	UL 3 - Local CMAQ program		
<b>Requested Schedule (Proj. Manager):</b>		<b>Assigned Schedule (Capital Planning):</b>	
<input type="checkbox"/> State ADV	PE(PD) Start	PE Auth	8/3/2016
<input checked="" type="checkbox"/> Town ADV	Design Approval/FD/RW	FD/RW Auth	4/25/2018
	FDP	FDP	10/30/2019
	DCD	DCD	12/11/2019
	ADV	ADV	1/8/2020

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	\$400,000	PE	CT	\$0	\$0	\$2,750,000
\$0	\$0	\$0	NF	CG	\$0	\$0	\$0
<b>\$0</b>	<b>\$0</b>	<b>\$400,000</b>		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
<b>\$0</b>	<b>\$0</b>	<b>\$0</b>			<b>\$0</b>	<b>\$0</b>	<b>\$2,750,000</b>

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

<b>Submitted by:</b> (sign & date)		<b>Approved by:</b> (sign & date)	
<b>Project Manager</b>		<b>Division Chief</b>	
<b>Principal Engineer</b>		<b>Capital Planning - Darren E. Meyers</b>	

Preliminary Engineering Estimates by Activity / Fund / SID:							RPM		Project ID DOT00880192PE				
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	\$100,000	12062	22108	ZCAQZ								
PE	PE0000	\$75,000	12062	22108	ZCAQZ								
FD	PE0000	\$150,000	12062	22108	ZCAQZ								
FD	PE0000	\$75,000	12062	22108	ZCAQZ								
		\$400,000				\$0				\$0			
<b>PE SUM:</b>		<b>\$400,000</b>											

Rights of Way Estimates by Activity / Fund / SID:							RPM		Project ID 0				
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												
RW													
RW													
RW													
		\$0				\$0				\$0			
<b>RW SUM:</b>		<b>\$0</b>											

Construction Estimates by Activity / Fund / SID:							RPM		Project ID DOT00880192CN				
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	\$2,750,000	12062	22108	ZCAQZ								
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
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		\$2,750,000				\$0				\$0			
<b>CN SUM:</b>		<b>\$2,750,000</b>											

Budgets by Activity (Minor Phase):				
<b>DOTPE Budget in</b>	<b>Activity</b>		<b>Activity</b>	<b>DOTCN Budget in Core-CT</b>
<b>Core-CT</b>				
\$0	PE		CT	\$0
\$0	NF		CG	\$0
<b>\$0</b>			IN	\$0
			NI	\$0
			NF	\$0
			UT	\$0
<b>DOTRW Budget in</b>	<b>Activity</b>		RF	\$0
<b>Core-CT</b>			SF	\$0
\$0	RW		TF	\$0
\$0	NF		CM	\$0
<b>\$0</b>				<b>\$0</b>