

**STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION**



**PROJECT MEMORANDUM FOR
ENGINEERING**

DATE: 9/21/2017

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

MOD # RPM

From: L. Zhang for Marissa Washburn
FD Project ID: **DOT00510274FD**
PE Project ID: **DOT00510274PE**
RW Project ID:
CN Project ID: **DOT00510274CN**

Please Review Project Information and Estimate for Approval:

Project Description (short): 30 (30 Characters)	Int. Imp. I-84 EB OnRamp/6/531
Project Description (long): 252 (254 Characters)	Realign the I-84 EB on-ramp, Rt 6, and SR 531 intersection in Farmington to address safety concerns by normalizing the geometry to reconfigure the "X" intersection to a "T" intersection. A traffic signal is proposed to control the new configuration.

Justification: 691 (1333 Characters)	To the west, Route 6 EB splits into two lanes that allow vehicles to free-flow onto the I-84 on-ramp or continue east. For SR 531 WB, both the on-ramp lane and through lane are stop-controlled to allow the Route 6 on-ramp to free-flow. The existing configuration leaves few gaps for WB traffic and contributes to high EB speeds, both of which contribute to a high crash rate at the intersection. Realigning the roads will make the intersection more conducive to signalization. The installation of a traffic signal will improve the balance between EB and WB traffic, as well as eliminate the speed differential between the Route 6 and SR 531 vehicles. The PE phase includes a PD/FD split.
Project Manager: M. Washburn / M. Calabrese	
Project Engineer: P. Metsack / A. Leblanc	

Scope Code: OI 1	OI 1 - Intersection Improvement
Requested Schedule (Proj. Manager):	
<input checked="" type="checkbox"/> State ADV	12/6/2017 PE(PD) Start
<input type="checkbox"/> Town ADV	1/2/2019 Design Approval/FD/RW
	9/2/2020 FDP
	10/14/2020 DCD
	11/11/2020 ADV
Assigned Schedule (Capital Planning):	
	PE Auth <input type="text"/>
	FD/RW Auth <input type="text"/>
	FDP <input type="text"/>
	DCD <input type="text"/>
	ADV <input type="text"/>

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	\$1,229,720	PE	CT	\$0	\$0	\$3,267,000
\$0	\$0	\$0	NF	CG	\$0	\$0	\$0
\$0	\$0	\$1,229,720		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	\$0			\$0	\$0	\$3,267,000

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)
Project Manager (Print Name)	Division Chief (Print Name)
Principal Engineer (Print Name)	Capital Planning - Darren E. Meyers

Preliminary Engineering Estimates by Activity / Fund / SID:							RPM	Project ID		DOT00510274PE			
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	\$590,280	12062	22108	ZSTPH	\$147,570	13033	41392	ZSTEZ				
FD	PE0000	\$393,496	12062	22108	ZSTPH	\$98,374	13033	41392	ZSTEZ				
PE													
PE													
		\$983,776				\$245,944				\$0			
PE SUM:		\$1,229,720											

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			
RW SUM:		\$0											

Construction Estimates by Activity / Fund / SID:							RPM	Project ID		DOT00510274CN			
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	\$2,613,600	12062	22108	ZSTPH	\$653,400	13033	41392	ZSTEZ				
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		\$2,613,600				\$653,400				\$0			
CN SUM:		\$3,267,000											

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

DOTRW Budget in Core-CT			Activity		DOTCN Budget in Core-CT	
			RW			\$0
			NF			\$0
		\$0			\$0	