

**STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION**



**PROJECT MEMORANDUM FOR
ENGINEERING**

DATE: 9/14/2018

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

MOD # _____ RPM _____

From: L. Zhang for Marissa Washburn

FD Project ID: DOT00110157FD
PE or PL Project ID: DOT00110157PE
RW Project ID: DOT00110157RW
CN Project ID: DOT00110157CN

Please Review Project Information and Estimate for Approval:

Project Description (short): 23 (30 Characters)	2 Roundabouts on CT 189
Project Description (long): 254 (254 Characters)	This project will improve safety and reduce peak-hour congestion in the Bloomfield Town Center (CT 189 at CT 178 and at Wintonbury Ave) by replacing two closely spaced signalized intersections, operated by one traffic controller, with modern roundabouts.

Justification: 751 (1333 Characters)	This project will construct two roundabouts and remove the existing traffic signals from the intersections. A reduction in conflict points and the increased efficiency of a roundabout will address the pattern of angle-type crashes and the peak-hour congestion currently experienced at these locations. During the most recent available three year period (2015-2017), 50 crashes occurred within the project area, 24% of which were angle-type crashes. The intersection of Route 189 at Route 178 ranks number 674 on the most recent SLOSSS (2014-2016) and is located only 150 feet to the south of the intersection of Route 189 at Wintonbury Ave. Both intersections experience similar crash patterns and congestion. The PE phase includes a PD/FD split.
Project Manager: Scott Bushee	
Project Engineer: Emin Basic	

Scope Code: OI 1	OI 1 - Intersection Improvement		
Requested Schedule (Proj. Manager):		Assigned Schedule (Capital Planning):	
<input checked="" type="checkbox"/> State ADV	2/6/2019 PE(PD) Start	PE Auth	
<input type="checkbox"/> Town ADV	1/6/2021 Design Approval/FD/RW	FD/RW Auth	
	3/30/2022 FDP	FDP	
	5/11/2022 DCD	DCD	
	6/8/2022 ADV	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	\$1,500,000	PE	CT	\$0	\$0	\$6,290,000
\$0	\$0	\$0	NF	CG	\$0	\$0	\$0
\$0	\$0	\$1,500,000		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	\$90,000			\$0	\$0	\$6,290,000

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 DOT00110157PE			
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	\$800,000	12062	22108	ZSTPA	\$200,000	13033	41392	ZSTEZ				
FD	PE0000	\$400,000	12062	22108	ZSTPH	\$100,000	13033	41392	ZSTEZ				
PE													
PE													
		\$1,200,000				\$300,000				\$0			
PE SUM:		\$1,500,000											

Rights of Way Estimates by Activity / Fund / SID:							RPM			Project ID DOT00110157RW			
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	\$72,000	12062	22108	ZSTPH	\$18,000	13033	41392	ZSTEZ				
RW													
RW													
RW													
		\$72,000				\$18,000				\$0			
RW SUM:		\$90,000											

Construction Estimates by Activity / Fund / SID:							RPM			Project ID DOT00110157CN			
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	\$5,032,000	12062	22108	ZSTPH	\$1,258,000	13033	41392	ZSTEZ				
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CN													
		\$5,032,000				\$1,258,000				\$0			
CN SUM:		\$6,290,000											

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