

TIP Amendments (FFY 2015-2018 TIP)

For Review by CROG Transportation
Committee on November 13, 2017 and
CROG Policy Board on November 15, 2017

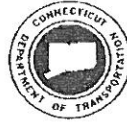
ID #	Funding Program	Proj. No.	Route or System	Town or Area	Description	Phase	Year	Total \$ (000s)	Fed \$ (000s)	State \$ (000s)	Local \$ (000s)	Comments
1a	STP Urban	0051-0274	I-84 / US 6 / SR 531	Farmington	Realign I-84 EB On-Ramp and US 6	PD	2018	738	590	148	0	New Project - Addresses safety, normalizes geometry & adds signal
1b	STP Urban	0051-0274	I-84 / US 6 / SR 531	Farmington	Realign I-84 EB On-Ramp and US 6	FD	2019	492	393	98	0	New Project - Addresses safety, normalizes geometry & adds signal
1c	STP Urban	0051-0274	I-84 / US 6 / SR 531	Farmington	Realign I-84 EB On-Ramp and US 6	CON	2021	3,267	2,614	653	0	New Project - Addresses safety, normalizes geometry & adds signal
2a	National Highway Performance Program - Bridge	0063-0707	I-84 / US 44	Hartford	Rehab Bridge 01686A over Market St. & Bridge 06048 over I-91 - AC Entry	CON	2018	0	0	0	0	Add new AC Entry
2b	National Highway Performance Program - Bridge	0063-0707	I-84 / US 44	Hartford	Rehab Bridge 01686A over Market St. & Bridge 06048 over I-91 - AC Conversion	CON	2018	5,925	4,740	1,185	0	Add new AC Conversion; balance of project in FY17
3a	National Highway Performance Program	0007-0189	Various	Cromwell / Berlin	Replace Highway Signs and Supports - CT 9 (exits 18-24), CT 5/15 & SR 571	PD	2018	315	315	0	0	New Project
3b	National Highway Performance Program	0007-0189	Various	Cromwell / Berlin	Replace Highway Signs and Supports - CT 9 (exits 18-24), CT 5/15 & SR 571	FD	2018	35	35	0	0	New Project
3c	National Highway Performance Program	0007-0189	Various	Cromwell / Berlin	Replace Highway Signs and Supports - CT 9 (exits 18-24), CT 5/15 & SR 571	CON	2019	14,500	14,500	0	0	New Project
4a	FHWA Repurposed Earmark Program	0170-XXXX	Enfield	Enfield	Vehicles for Dial-a-Ride / Magic Carpet - Transfer to FTA Section 5310S	OTH	2018	410	328	2	80	New Project
4b	FTA Section 5310S	0170-XXXX	Enfield	Enfield	Vehicles for Dial-a-Ride / Magic Carpet - Transfer from FHWA(REP)	OTH	2018	410	328	2	80	New Project
5a	Transp. Alternatives Program - Hartford (TAPH)	0118-0172	Rocky Hill	CT 99	Silas Deane Highway Pedestrian Improvements	PD	2018	90	72	0	18	New Project - Approved by CROG previously
5b	Transp. Alternatives Program - Hartford (TAPH)	0118-0172	Rocky Hill	CT 99	Silas Deane Highway Pedestrian Improvements	FD	2019	90	72	0	18	New Project - Approved by CROG previously
5c	Transp. Alternatives Program - Hartford (TAPH)	0118-0172	Rocky Hill	CT 99	Silas Deane Highway Pedestrian Improvements	ROW	2019	50	40	0	10	New Project - Approved by CROG previously

ID #	Funding Program	Proj. No.	Route or System	Town or Area	Description	Phase	Year	Total \$ (000s)	Fed \$ (000s)	State \$ (000s)	Local \$ (000s)	Comments
5d	Transp. Alternatives Program - Hartford (TAPH)	0118-0172	Rocky Hill	CT 99	Silas Deane Highway Pedestrian Improvements	CON	2020	2,700	2,160	0	540	New Project
6	FTA Section 5339D	0401-XXXX	Hartford	CTTRANSIT	CTTransit Hartford Facility Rehabilitation/Improvements-Discretionary Funding - FY 17	ALL	2018	24,688	19,751	4,938	0	New Project

Due to the urgency of programming projects, some additional projects may be added prior to the meeting.

Note: The terms "AC Entry" and "AC Conversion" are referenced for projects 2a and 2b above. AC stands for Advance Construction and is a phrase used to describe a financing procedure in which a project is advertised for construction bids late in one year (noted as AC Entry) but the actual funding commitment occurs in the following fiscal year (noted as AC Conversion). Thus, these projects are typically listed for both years with "0" funding shown in the first year of advertisement, and the full funding shown in the second year or years of funding obligation. In some cases, a portion of the AC conversion can occur in the year of the AC Entry, with additional funding occurring in the following year or years.

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION



PROJECT MEMORANDUM FOR
ENGINEERING

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

MOD # RPM

DATE: 9/21/17
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):	Int. Imp. I-84 EB OnRamp/6/531
Project Description (long):	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:	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):		Assigned Schedule (Capital Planning):	
	12/6/17	PE(PD) Start	PE Auth
	1/2/19	Design Approval/FD/RW	FD/RW Auth
<input checked="" type="checkbox"/> State ADV	9/2/20	FDP	FDP
<input type="checkbox"/> Town ADV	10/14/20	DCD	DCD
	11/11/20	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	Activity
\$0	\$0	\$1,229,720	PE	\$0	\$0	\$3,267,000	CT
\$0	\$0	\$0	NF	\$0	\$0	\$0	CG
\$0	\$0	\$1,229,720		\$0	\$0	\$0	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	\$3,267,000	

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

Budgets by Activity (Minor Phase):

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

CONNECTICUT DEPARTMENT OF TRANSPORTATION



BUREAU OF PUBLIC TRANSPORTATION CAPITAL PROJECT/PROGRAM DESCRIPTION

CTTransit Hartford Facility Rehabilitation Discretionary Grant Application

Project Number	Grant Number	Agreement Number
0401-XXXX		

Problem Identified:

The CTTransit Hartford Bus Administration and Maintenance Facility construction was completed on January 11, 1990. The facility, located at 100 Leibert Road in Hartford, is a 365,000 square foot facility on 23.6 acres accommodates the transportation, maintenance and administration activities of approximately 250 buses, 30 support vehicles and 520 employees. The facility also houses a body shop with 2 paint booths, a bus washer with a water recycling system and a bus storage area. Since the facility was built the operation in Hartford has grown and the fleet configuration has changed. The fleet make-up has gone from solely 40ft buses to 40ft buses plus, 30ft buses, 45ft commuter coaches and 60ft articulated buses. Further expansion of the fleet size due to the additional buses required by CTfastrak service, has necessitate outdoor vehicle storage which increases maintenance costs and reduces the life expectancy of the fleet. The addition of CTfastrak service has increased staff, buses and equipment. The facility is edging toward 30 years old with mechanical systems aging and in need of rehabilitation/replacement. It is necessary to renovate the facility to improve vehicle and operational process flow. This will include sections of the roof, the fuel storage system, mechanicals and other systems prone to normal wear and tear and other necessary improvements to maintain the facility in a state of good repair.

Description/Scope:

The Department has submitted a competitive discretionary grant application under the FTA Section Bus and Bus Facilities Infrastructure Investment Program, FTA Section 5339. The Department has initiated work for a parking lot expansion. In addition, funding has been secured to support the roof replacement as well as the relocation of the underground fuel tanks to above ground. The discretionary grant application is requesting funding for the upgrade/rehabilitation of the mechanical and/or electrical systems.

Project Implementation:

Discretionary grant application submitted on August 22, 2017.

Project Milestones:

RFP/IFB Out for Bid:
Contract Award:
Begin Activities
Complete Activities

Current Estimated Cost:

Section 5307 Formula Funding	\$20,000,000
Discretionary Grant Application	<u>\$24,688,350</u>
Estimated Total Project Cost	\$44,688,350