

TIP Amendments (FFY 2015-2018 TIP)

For Review by CROG Transportation Committee
acting as CROG Policy Board on June 26th, 2017

ID #	Funding Program	Proj. No.	Route or System	Town or Area	Description	Phase	Year	Total \$ (000s)	Fed \$ (000s)	State \$ (000s)	Local \$ (000s)	Comments
1	FTA Section 5307	0170-3403	Various	Statewide	Transit Capital Planning	OTH	2017	600	480	120	0	Move from FFY'16 to FFY'17; Increase federal estimate from \$320k; Assign permanent project number; This is a second entry in FFY2017 for a total of \$1M
2	Federal Lands Access Program	0063-FLAP		Hartford	Design and install wayfinding signs to improve pedestrian access to Coltsville National Park	ALL	2017	141	141	0	0	New Project
3a	National Highway Performance Program	0042-0317	Route 2	East Hartford	Resurfacing & Median Replacement on CT 2	FD	2017	1,600	1,280	320	0	Increase estimate from Federal \$768k
3b	National Highway Performance Program	0042-0317	Route 2	East Hartford	Resurfacing & Median Replacement on CT 2	ROW	2017	190	152	38	0	Increase estimate from Federal \$113k
4	FTA Section 5307 Capital	0401-0012	CTTransit	Hartford	CTTransit - Hartford Facility Improvements / Expansion	ALL	2017	20,000	16,000	4,000	0	New Project
5	National Highway Performance Program - Bridge	0042-0305	State Route 500	East Hartford	Rehab Bridge 02375 over I-84 EB & Ramp 833; AC Conversion	CON	2017	338	338	0	0	Add FY17 AC Conversion
6	Congestion Mitigation & Air Quality	0093-0218	Route 175	Newington / New Britain	Computerized Traffic Signal System	PD	2017	711	569	142	0	New Project

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

Note: The terms "AC Conversion is referenced above for projects 5. 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.

CONNECTICUT DEPARTMENT OF TRANSPORTATION



BUREAU OF PUBLIC TRANSPORTATION CAPITAL PROJECT/PROGRAM DESCRIPTION

CTDOT Transit Capital Planning

Project Number
0170-3403

Grant Number

Agreement Number

Problem Identified: A means for CDOT staff to facilitate maintaining a fiscally-constrained 20-year Transit Capital Project Management Plan that includes both statewide bus and rail projects. The development of a 20-year Capital Plan ensures proper planning for future bus and rail capital needs. This project includes the necessary TIP/STIP coordination to satisfy federal requirements, as well as funding the necessary MPO, Transit District and Commuter Rail coordination. In addition, this project will fund the required reporting and financial management for FTA capital compliance efforts.

Description/Scope: Development and maintenance of the 20-year Transit Capital Project Management Plan as well as the 5-year Department Capital Plan, attendance/coordination/administration of monthly/quarterly Transit Capital meetings, MPO, Transit District and Commuter Rail meetings, coordination and review of activities associated with the Public Transportation portion of the TIP/STIP (including but not limited to TIP/STIP development, amendments and responding to questions related to the STIP), maintenance of individual project description sheets for the bus and rail projects contained in the STIP, filing monthly/quarterly/annual federal/state reports, financial management, grant management and oversight activities to ensure compliance as well as travel/training activities to support transit capital planning activities.

Project Implementation:

This is a continuing project for which CDOT applies on an annual basis.

Project Milestones:

RFQ Advertise:

RFQ Selection:

Contract Award:

Contract Start:

Contract Complete:

Project Close-out:

Funding Source:

Current Project Estimate:

FY 2017

Federal (Section 5307) \$ 800,000

State \$ 200,000

Total \$ 1,000,000

CONNECTICUT DEPARTMENT OF TRANSPORTATION



BUREAU OF PUBLIC TRANSPORTATION CAPITAL PROJECT/PROGRAM DESCRIPTION

CTTransit Hartford Facility Improvements and Expansion

Project Number	Grant Number	Agreement Number
0401-0012		

Problem Identified:

The CTTransit Hartford Administration and Maintenance Facility was completed on January 11, 1990 and is located at 100 Leibert Road in Hartford. This 365,000 square foot facility located on 23.6 acres currently accommodates the transportation, maintenance and administration requirements of approximately 250 buses, 30 support vehicles and 520 employees. The facility also includes a body shop with 2 paint booths and a bus washer with a water recycling system. Since the facility was built the operation in Hartford has grown and the fleet configuration has changed. The fleet make-up has changed from 40ft buses to 40ft buses plus, 45ft commuter coaches and 60ft articulated buses. The overall growth in fleet size, plus the larger vehicles are comparable to a total of 34 additional vehicles. Further expansion of the fleet size due to the additional buses required by CTfastrak service, will necessitate outdoor vehicle storage which could increase maintenance costs and reduce the life expectancy of the fleet.

Description/Scope:

The facility has been maintained and will continue to be with the necessary funding for repairs and improvements. 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 modify/expand 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. In addition, funds are necessary to expand the facility including the administration, maintenance and bus storage areas to accommodate the growing operation.

Project Implementation:

Project Milestones:

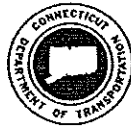
RFP/IFB Out for Bid:
Contract Award:
Begin Activities
Complete Activities

Current Estimated Cost:

FFY 2017

Federal	\$16,000,000	FTA Section 5307
State	\$ 4,000,000	
Total	\$20,000,000	

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION



PROJECT MEMORANDUM FOR
ENGINEERING

DATE: 5/17/17

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

MOD # _____ RPM _____

From: R.Barrio for John Korte

FD Project ID: DOT00930218FD
PE Project ID: DOT00930218PE
RW Project ID: DOT00930218RW
CN Project ID: DOT00930218CN

Please Review Project Information and Estimate for Approval:

Project Description (short): 222 (60 Characters)	Install CTSS Equipment
Project Description (long): 497 (257 Characters)	Installation of a Computerized Traffic Signal System (CTSS) along Route 175 (Cedar St), S. R. 505 (Fenn Rd), and Ella Grasso Blvd from Route 9 ramps to Route 15 in Newington and New Britain.

Justification: 1688 (1638 Characters)	This project is identified in the "Early Deployment Needs Assessment - November 2015" section of the "November 2015 Statewide Computerized Traffic Signal Systems Needs Assessment". The installation of CTSS along Route 175 (Cedar St), S. R. 505 (Fenn Rd), and Ella Grasso Blvd will allow Highway Operations to monitor traffic conditions, improve CTSS communications and data collection, improve safety and mitigate congestion, and reduce travel time, fuel consumption, and emissions. Total estimated PE cost is \$1,016,000 split \$711,000 PD & \$305,000 FD. Funding for all phases will be 80% Federal Participating CMAQ with 20% State Intrastate Bond match SID 41404.
Project Manager: Brian Natwick	
Project Engineer: John Dudzinski	

Scope Code: CI 3	CI 3 - Miscellaneous system improvements
Requested Schedule (Proj. Manager):	
<input checked="" type="checkbox"/> State ADV	PE(PD) Start
<input type="checkbox"/> Town ADV	Design Approval/FD/RW
	FDP
	DCD
	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	Activity
\$0	\$0	\$1,016,000	PE	\$0	\$0	\$6,800,000	CT
\$0	\$0	\$0	NF	\$0	\$0	\$0	CG
\$0	\$0	\$0		\$0	\$0	\$0	IN
\$0	\$0	\$1,016,000		\$0	\$0	\$0	NI
\$0	\$0	\$0		\$0	\$0	\$0	NF
\$0	\$0	\$0		\$0	\$0	\$0	UT
\$0	\$0	\$110,000	RW	\$0	\$0	\$0	RF
\$0	\$0	\$0	NF	\$0	\$0	\$0	SF
\$0	\$0	\$0		\$0	\$0	\$0	TF
\$0	\$0	\$0		\$0	\$0	\$0	CM
\$0	\$0	\$110,000		\$0	\$0	\$6,800,000	

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

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

Preliminary Engineering Estimates by Activity / Fund / SID:							RPM			Project ID DOT00930218PE			
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	\$568,800	12062	22108	ZCAQZ	\$142,200	13033	41404	ZSTEZ				
FD	PE0000	\$244,000	12062	22108	ZCAQZ	\$61,000	13033	41404	ZSTEZ				
PE													
PE													
		\$812,800				\$203,200				\$0			
PE SUM:		\$1,016,000											

Rights of Way Estimates by Activity / Fund / SID:							RPM			Project ID DOT00930218RW			
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	\$88,000	12062	22108	ZCAQZ	\$22,000	13033	41404	ZSTEZ				
RW													
RW													
RW													
		\$88,000				\$22,000				\$0			
RW SUM:		\$110,000											

Construction Estimates by Activity / Fund / SID:							RPM			Project ID DOT00930218CN			
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
GN	CT0000	\$5,440,000	12062	22108	ZCAQZ	\$1,360,000	13033	41404	ZSTEZ				
CN													
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		\$5,440,000				\$1,360,000				\$0			
CN SUM:		\$6,800,000											

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