

Agenda Item Summary

To: Policy Board; Transportation Committee

From: Rob Aloise, Director of Transportation Planning

CC: Matt Hart, Executive Director

Meeting Date: 7/22/2024 (Transportation Committee acting as Policy Board)

Subject: TIP Amendments

Background: Each Metropolitan Planning Organization (MPO) is required to maintain a four-year Transportation Improvement Program (TIP), detailing all federal surface transportation funding. As part of maintaining this document, the MPO approves amendments as needed.

Benefit to Member Towns/CRCOG: The following projects are included:

1. Hartford—Main Street—Replace bridge 01626 o/SR 598
2. District 1—Various—Replace traffic control signals at various locations
3. Hartford—GHTD—Replace paratransit vehicles, Union Station rehab/replacements, Capital/misc support, Robert Street Facility
4. Hartford UA—Various—Detection upgrades at various signals
5. Rocky Hill—I-91—Exit 24 ramp improvements to CT 99

Financial/Operational Impact: See attached table and backup material for individual project funding details.

Project Schedule: See attached table and backup material for individual project schedule details.

Recommendation: CRCOG Staff recommends approval.

Attachments:

- TIP Amendment Summary Sheet
- Project Backup Materials as provided by CTDOT

TIP Amendments (FFY 2021-2024 TIP)

For review by the CRCOG Transportation Committee on July 22, 2024

ID #	Funding Program	Proj. No.	Route or System	Town or Area	Description	Phase	Year	Total \$ (000s)	Fed \$ (000s)	State \$ (000s)	Local \$ (000s)	Comments
1A	NHPP-BRX	0063-0735	MAIN STREET #2	HARTFORD	REHAB BR 01626 o/ SR 598	FD	2024	750	600	150	0	CHANGE IN DESC.
1B	BRFP	0063-0735	MAIN STREET #2	HARTFORD	REHAB BR 01626 o/ SR 598 - AC ENTRY	CON	FYI	0	0	0	0	ADD AC ENTRY
1C	BRFP	0063-0735	MAIN STREET #2	HARTFORD	REHAB BR 01626 o/ SR 598 - AC CONVERSION	CON	FYI	15,000	12,000	3,000	0	CHANGE IN DESC. ADD AC CONV. TO DESC.
2A	STPA	0171-0471	VARIOUS	DISTRICT 1	REPLACE TRAFFIC CONTROL SIGNALS AT VARIOUS LOCATIONS - AC ENTRY	CON	2024	0	0	0	0	DELETE PROJECT
2B	STPA	0171-0471	VARIOUS	DISTRICT 1	REPLACE TRAFFIC CONTROL SIGNALS AT VARIOUS LOCATIONS - AC CONVERSION	CON	2024	-125	-100	-25	0	DELETE PROJECT
2C	STPA	0171-0471	VARIOUS	DISTRICT 1	REPLACE TRAFFIC CONTROL SIGNALS AT VARIOUS LOCATIONS - AC CONVERSION	CON	FYI	-7,875	-6,300	-1,575	0	DELETE PROJECT
3A	5307C	0426-XXXX	GHTD	HARTFORD	GHTD - REPLACE PARATRANSIT VEHICLES FY 24	ACQ	2024	3,640	2,912	728	0	INCREASE EST. FROM FED \$2.4M
3B	5307C	0426-XXXX	GHTD	HARTFORD	GHTD - UNION STATION REHAB/IMPROVEMENTS FY 24	ALL	2024	6,875	5,500	1,375	0	INCREASE EST. FROM FED \$800K
3C	5307C	0426-XXXX	GHTD	HARTFORD	GHTD - ADMIN CAPITAL/MISC SUPPORT FY 24	OTH	2024	1,161	929	232	0	INCREASE EST. FROM FED \$600K
3D	5307C	0426-XXXX	GHTD	HARTFORD	GHTD - ROBERTS ST. FACILITY (SGR) FY 24	ALL	2024	626	501	125	0	NEW PROJECT
4A	CRPH	0171-0516	VARIOUS	HARTFORD UA	DETECTION UPGRADES AT VARIOUS TRAFFIC SIGNALS	PD	2024	248	198	50	0	NEW PROJECT
4B	CRPH	0171-0516	VARIOUS	HARTFORD UA	DETECTION UPGRADES AT VARIOUS TRAFFIC SIGNALS	FD	FYI	106	85	21	0	NEW PROJECT
4C	CRPH	0171-0516	VARIOUS	HARTFORD UA	DETECTION UPGRADES AT VARIOUS TRAFFIC SIGNALS	CON	FYI	3,065	2,452	613	0	NEW PROJECT
5	STPA	0118-0191	I-91	ROCKY HILL	EXIT 24 RAMP IMPROVEMENTS TO CT 99	CON	FYI	5,130	4,104	1,026	0	NEW PROJECT

TIP/STIP~Action and Amendment Details

Project No	Region	Route	Town	Description	Project Manager
0063-0735	10	MAIN STREET #	HARTFORD	REHAB BR 01626 o/ SR 598	Ritacco, Brianna

Phase Year	FA CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021	2022	2023	2024
FD	2024 NHPP-BRX	750,000	600,000	150,000	0		0	0	0	0

Revision Code 10-Correction

amendment Change description from Replace to Rehab. No change to total cost.

0063-0735 FD Phase Total: 750,000 Federal Share: 600,000 State Share: 150,000 Local Share: 0

Phase Year	FA CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021	2022	2023	2024
CN	FYI BRFP	0	0	0	0		0	0	0	0

Revision Code 07-Administrative requirement

amendment Add AC Entry.

0063-0735 CN Phase Total: 0 Federal Share: 0 State Share: 0 Local Share: 0

Phase Year	FA CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021	2022	2023	2024
CN	FYI BRFP	15,000,000	12,000,000	3,000,000	0		0	0	0	0

Revision Code 10-Correction

amendment Change description from Replace to Rehab and add "AC Conversion" to description. No change to total cost.

0063-0735 CN Phase Total: 15,000,000 Federal Share: 12,000,000 State Share: 3,000,000 Local Share: 0

<input type="checkbox"/> 01-Move project to another year	<input type="radio"/> a - Funding limitations <input type="radio"/> b - Outstanding ROW issue <input type="radio"/> c - Outstanding Permit <input type="radio"/> d - Other (Specify)	Comments:
<input type="checkbox"/> 02-Fiscal constraint	<input type="radio"/> a - Funding fully programmed <input type="radio"/> b - State match not available <input type="radio"/> c - Local match not available <input type="radio"/> d - Other	Comments:
<input type="checkbox"/> 03-Design schedule change	<input type="radio"/> a - Permit issue <input type="radio"/> b - CTDOT staffing issue <input type="radio"/> c - Local staffing issue <input type="radio"/> d - ROW issue <input type="radio"/> e - Other	Comments:
<input type="checkbox"/> 04-Revised cost estimate	<input type="radio"/> a - Increase due to inflation <input type="radio"/> b - Increase due to (specify) <input type="radio"/> c - Decrease due to (specify) <input type="radio"/> d - Other	Comments:
<input type="checkbox"/> 05-New project	<input type="radio"/> a - Project requested by (specify) <input type="radio"/> b - Copy of RPM attached	Comments:
<input type="checkbox"/> 06-New phase	<input type="radio"/> a - PE phase required <input type="radio"/> b - ROW phase required <input type="radio"/> c - CON phase required	Comments:
<input type="checkbox"/> 07-Administrative requirement	<input type="radio"/> a - Add AC entry <input type="radio"/> b - Other	Comments:
<input type="checkbox"/> 08-Delete phase	<input type="radio"/> a - Phase not required <input type="radio"/> b - Phase changed to State funds <input type="radio"/> c - Phase changed to Local funds <input type="radio"/> d - Other	Comments:
<input type="checkbox"/> 09-Delete project	<input type="radio"/> a - Not supported by State <input type="radio"/> b - Not supported by Region <input type="radio"/> c - Not supported by Town <input type="radio"/> d - Change to State funded <input type="radio"/> e - Change to Local funded <input type="radio"/> d - Other	Comments:
<input type="checkbox"/> 10-Correction		Comments:
<input type="checkbox"/> 11-Financing/Funding revision	<input type="radio"/> a - Due to project schedule <input type="radio"/> b - Due to funding availability <input type="radio"/> c - Other	Comments:

TIP/STIP~Action and Amendment Details

Project No	Region	Route	Town	Description	Project Manager
0171-0471	05, 08, 10	VARIOUS	DISTRICT 1	REPLACE TRAFFIC CONTROL SIGNALS AT VARIOUS LOCATIONS AC CONVERSION	Palmer, Greg

Phase Year	FA CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021	2022	2023	2024
CN	2024 STPA	-125,000	-100,000	-25,000	0		0	0	0	-100,000

Revision Code 08-Delete phase

action Delete project. Now programmed with 100% state funds.

0171-0471 CN Phase Total: -125,000 Federal Share: -100,000 State Share: -25,000 Local Share: 0

Phase Year	FA CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021	2022	2023	2024
CN	2024 STPA	0	0	0	0		0	0	0	0

Revision Code 08-Delete phase

action Delete project. Now programmed with 100% state funds.

0171-0471 CN Phase Total: 0 Federal Share: 0 State Share: 0 Local Share: 0

Phase Year	FA CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021	2022	2023	2024
CN	FYI STPA	-7,875,000	-6,300,000	-1,575,000	0		0	0	0	0

Revision Code 08-Delete phase

action Delete project. Now programmed with 100% state funds.

0171-0471 CN Phase Total: -7,875,000 Federal Share: -6,300,000 State Share: -1,575,000 Local Share: 0

<input type="checkbox"/> 01-Move project to another year	<input type="radio"/> a - Funding limitations <input type="radio"/> b - Outstanding ROW issue <input type="radio"/> c - Outstanding Permit <input type="radio"/> d - Other (Specify)	Comments:
<input type="checkbox"/> 02-Fiscal constraint	<input type="radio"/> a - Funding fully programmed <input type="radio"/> b - State match not available <input type="radio"/> c - Local match not available <input type="radio"/> d - Other	Comments:
<input type="checkbox"/> 03-Design schedule change	<input type="radio"/> a - Permit issue <input type="radio"/> b - CTDOT staffing issue <input type="radio"/> c - Local staffing issue <input type="radio"/> d - ROW issue <input type="radio"/> e - Other	Comments:
<input type="checkbox"/> 04-Revised cost estimate	<input type="radio"/> a - Increase due to inflation <input type="radio"/> b - Increase due to (specify) <input type="radio"/> c - Decrease due to (specify) <input type="radio"/> d - Other	Comments:
<input type="checkbox"/> 05-New project	<input type="radio"/> a - Project requested by (specify) <input type="radio"/> b - Copy of RPM attached	Comments:
<input type="checkbox"/> 06-New phase	<input type="radio"/> a - PE phase required <input type="radio"/> b - ROW phase required <input type="radio"/> c - CON phase required	Comments:
<input type="checkbox"/> 07-Administrative requirement	<input type="radio"/> a - Add AC entry <input type="radio"/> b - Other	Comments:
<input type="checkbox"/> 08-Delete phase	<input type="radio"/> a - Phase not required <input type="radio"/> b - Phase changed to State funds <input type="radio"/> c - Phase changed to Local funds <input type="radio"/> d - Other	Comments:
<input type="checkbox"/> 09-Delete project	<input type="radio"/> a - Not supported by State <input type="radio"/> b - Not supported by Region <input type="radio"/> c - Not supported by Town <input type="radio"/> d - Change to State funded <input type="radio"/> e - Change to Local funded <input type="radio"/> d - Other	Comments:
<input type="checkbox"/> 10-Correction		Comments:
<input type="checkbox"/> 11-Financing/Funding revision	<input type="radio"/> a - Due to project schedule <input type="radio"/> b - Due to funding availability <input type="radio"/> c - Other	Comments:

TIP ACTION OR AMENDMENT FORM

PROJECT NO.

0426-XXXX

PROJECT MANAGER

Sandy Infantino

PHONE/E-mail:

sandy.infantino@ct.gov

DATE:

6/21/2024

PROJECT DESCRIPTION GHTD - REPLACE PARATRANSIT VEHICLES FY 24

REASON FOR ACTION OR AMENDMENT REQUEST

check those that apply COMMENT section needs to be completed

01 - Move from one year in the STIP to another

Funding limitations
Outstanding ROW issue
Outstanding Permit issue
Other (SPECIFY)

02 - Fiscal Constraint issues

Funding category fully programmed
State match not available
Local match not available

03- Design schedule change

Permit issue
ConnDOT staffing issue
Local staffing issue
ROW issue
Other

04- Revised cost estimates

Increase due to inflation
Increase due to cost of (SPECIFY)
Decrease due to (SPECIFY)

Other

This will increase the project budget by \$640,000 total to provide FY24 FTA Section 5307 funding for Greater Hartford Transit District's replacement of paratransit vehicles. This includes the purchase of 28 cutaways to replace vehicles in their fleet which have reached the end of their useful life. Revised project total \$3,640,000 total; \$2,912,000 federal.

05- New Project

Project requested by (SPECIFY)

06- New Phase

ROW now required
CON phase required

08- Delete phase

Phase not required
Phase changed to State funds
Phase changed to Local funds

09- Delete project

Project no longer supported by State
Project no longer supported by Region
Project no longer supported by Town
Changed to all State funds
Changed to all Local funds
Other

11-Phase/Financing/Funding

Revision

Due to project schedule
Due to funding limitations
Other

** change codes 7 Administrative Requirement; 10 Correction and 12 No Revision are not listed - they are self explanatory

TIP ACTION OR AMENDMENT FORM

PROJECT NO.

0426-XXXX

PROJECT MANAGER

Sandy Infantino

PHONE/E-mail:

sandy.infantino@ct.gov

DATE:

6/21/2024

PROJECT DESCRIPTION GHTD - UNION STATION REHAB/IMPROVEMENTS FY 24

REASON FOR ACTION OR AMENDMENT REQUEST

check those that apply COMMENT section needs to be completed

01 - Move from one year in the STIP to another

- Funding limitations
- Outstanding ROW issue
- Outstanding Permit issue
- Other (SPECIFY)

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

02 - Fiscal Constraint issues

- Funding category fully programmed
- State match not available
- Local match not available

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

03- Design schedule change

- Permit issue
- ConnDOT staffing issue
- Local staffing issue
- ROW issue
- Other

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

04- Revised cost estimates

- Increase due to inflation
- Increase due to cost of (SPECIFY)
- Decrease due to (SPECIFY)

<input type="checkbox"/>
<input checked="" type="checkbox"/>
<input type="checkbox"/>

Other

This will increase the project budget by \$5,875,000 total to provide necessary FY24 FTA Section 5307 funding for Greater Hartford Transit District's Union Station Rehab/Improvements. This includes additional funding for HVAC replacement equipment and installation, automatic door openers for the restroom in the Transportation Center, Blue Light Emergency call boxes for the parking lot, additional funding for the Union Station Drain work, full bus bay repairs/replacement, resurfacing of Spruce Street's lot and line painting, intallation of automatic doors at the entrance of Transportation Center, and security camera replacement. Funding will also be used for various state of good repair activities as needs arise. Revised project total \$6,875,000 total; \$5,500,000 federal.

05- New Project

Project requested by (SPECIFY)

<input type="checkbox"/>

06- New Phase

- ROW now required
- CON phase required

<input type="checkbox"/>
<input type="checkbox"/>

08- Delete phase

- Phase not required
- Phase changed to State funds
- Phase changed to Local funds

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

09- Delete project

- Project no longer supported by State
- Project no longer supported by Region
- Project no longer supported by Town
- Changed to all State funds
- Changed to all Local funds
- Other

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

11-Phase/Financing/Funding

Revision

- Due to project schedule
- Due to funding limitations
- Other

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

** change codes 7 Administrative Requirement; 10 Correction and 12 No Revision are not listed - they are self explanatory

TIP ACTION OR AMENDMENT FORM

PROJECT NO.	0426-XXXX	PROJECT MANAGER	Sandy Infantino
		PHONE/E-mail:	sandy.infantino@ct.gov
DATE:	6/21/2024		
PROJECT DESCRIPTION	GHTD - ADMIN CAPITAL/MISC SUPPORT FY 24		
REASON FOR ACTION OR AMENDMENT REQUEST			
<i>check those that apply COMMENT section needs to be completed</i>			
01 - Move from one year in the STIP to another	Funding limitations Outstanding ROW issue Outstanding Permit issue Other (SPECIFY)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
02 - Fiscal Constraint issues	Funding category fully programmed State match not available Local match not available	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
03- Design schedule change	Permit issue ConnDOT staffing issue Local staffing issue ROW issue Other	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
04- Revised cost estimates	Increase due to inflation Increase due to cost of (SPECIFY) Decrease due to (SPECIFY) Other	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	This will increase the project budget by \$411,000 total to provide necessary FY24 FTA Section 5307 funding for Greater Hartford Transit District's Administrative/Capital and Miscellaneous Support needs. This includes funding for the purchase replacement IT equipment including servers and computers, as well as Trapeze upgrades and other miscellaneous administrative projects. Revised project total \$1,161,280 total; \$929,024 federal.
05- New Project	Project requested by (SPECIFY)	<input type="checkbox"/>	
06- New Phase	ROW now required CON phase required	<input type="checkbox"/> <input type="checkbox"/>	
08- Delete phase	Phase not required Phase changed to State funds Phase changed to Local funds	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
09- Delete project	Project no longer supported by State Project no longer supported by Region Project no longer supported by Town Changed to all State funds Changed to all Local funds Other	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
11-Phase/Financing/Funding Revision	Due to project schedule Due to funding limitations Other	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	

** change codes 7 Administrative Requirement; 10 Correction and 12 No Revision are not listed - they are self explanatory

TIP ACTION OR AMENDMENT FORM

PROJECT NO.

0426-XXXX

PROJECT MANAGER

Sandy Infantino

PHONE/E-mail:

sandy.infantino@ct.gov

DATE:

6/21/2024

PROJECT DESCRIPTION GHTD - ROBERTS ST. FACILITY (SGR) FY 24

REASON FOR ACTION OR AMENDMENT REQUEST

check those that apply COMMENT section needs to be completed

01 - Move from one year in the STIP to another

- Funding limitations
- Outstanding ROW issue
- Outstanding Permit issue
- Other (SPECIFY)

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

02 - Fiscal Constraint issues

- Funding category fully programmed
- State match not available
- Local match not available

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

03- Design schedule change

- Permit issue
- ConnDOT staffing issue
- Local staffing issue
- ROW issue
- Other

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

04- Revised cost estimates

- Increase due to inflation
- Increase due to cost of (SPECIFY)
- Decrease due to (SPECIFY)
- Other

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

05- New Project

Project requested by (SPECIFY)

<input checked="" type="checkbox"/>

This project will provide FY24 FTA Section 5307 funding for GHTD's state of good repair activities at their Roberts St. Facility. Activities include the purchase of replacement security cameras, repair of the retaining wall/parking lot legal fees and litigation, as well as provide funding for unexpected state of good repair activities as they arise. Project total \$626,000; \$500,800 federal.

06- New Phase

- ROW now required
- CON phase required

<input type="checkbox"/>
<input type="checkbox"/>

08- Delete phase

- Phase not required
- Phase changed to State funds
- Phase changed to Local funds

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

09- Delete project

- Project no longer supported by State
- Project no longer supported by Region
- Project no longer supported by Town
- Changed to all State funds
- Changed to all Local funds
- Other

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

11-Phase/Financing/Funding Revision

- Due to project schedule
- Due to funding limitations
- Other

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

** change codes 7 Administrative Requirement; 10 Correction and 12 No Revision are not listed - they are self explanatory

TIP/STIP~Action and Amendment Details

Project No	Region	Route	Town	Description	Project Manager
0171-0516	05, 10	VARIOUS	HARTFORD UA	DETECTION UPGRADES AT VARIOUS TRAFFIC SIGNALS	Lockaby, John

Phase Year	FA CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021	2022	2023	2024
PD	2024 CRPH	247,800	198,300	49,500	0		0	0	0	198,300

Revision Code	05-New project amendment									
	Add new project.									

0171-0516 PD	Phase Total:	247,800	Federal Share:	198,300	State Share:	49,500	Local Share:	0		
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Phase Year	FA CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021	2022	2023	2024
FD	FYI CRPH	106,200	85,000	21,200	0		0	0	0	0

Revision Code	05-New project amendment									
	Add new project. Authorization year scheduled for FY25.									

0171-0516 FD	Phase Total:	106,200	Federal Share:	85,000	State Share:	21,200	Local Share:	0		
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Phase Year	FA CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021	2022	2023	2024
CN	FYI CRPH	3,065,000	2,452,000	613,000	0		0	0	0	0

Revision Code	05-New project amendment									
	Add new project. Authorization year scheduled for FY26.									

0171-0516 CN	Phase Total:	3,065,000	Federal Share:	2,452,000	State Share:	613,000	Local Share:	0		
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<input type="checkbox"/> 01-Move project to another year	<input type="radio"/> a - Funding limitations <input type="radio"/> b - Outstanding ROW issue <input type="radio"/> c - Outstanding Permit <input type="radio"/> d - Other (Specify)	Comments:
<input type="checkbox"/> 02-Fiscal constraint	<input type="radio"/> a - Funding fully programmed <input type="radio"/> b - State match not available <input type="radio"/> c - Local match not available <input type="radio"/> d - Other	Comments:
<input type="checkbox"/> 03-Design schedule change <input type="radio"/> a - Permit issue <input type="radio"/> b - CTDOT staffing issue	<input type="radio"/> c - Local staffing issue <input type="radio"/> d - ROW issue <input type="radio"/> e - Other	Comments:
<input type="checkbox"/> 04-Revised cost estimate	<input type="radio"/> a - Increase due to inflation <input type="radio"/> b - Increase due to (specify) <input type="radio"/> c - Decrease due to (specify) <input type="radio"/> d - Other	Comments:
<input type="checkbox"/> 05-New project	<input type="radio"/> a - Project requested by (specify) <input type="radio"/> b - Copy of RPM attached	Comments:
<input type="checkbox"/> 06-New phase	<input type="radio"/> a - PE phase required <input type="radio"/> b - ROW phase required <input type="radio"/> c - CON phase required	Comments:
<input type="checkbox"/> 07-Administrative requirement	<input type="radio"/> a - Add AC entry <input type="radio"/> b - Other	Comments:
<input type="checkbox"/> 08-Delete phase	<input type="radio"/> a - Phase not required <input type="radio"/> b - Phase changed to State funds <input type="radio"/> c - Phase changed to Local funds <input type="radio"/> d - Other	Comments:
<input type="checkbox"/> 09-Delete project <input type="radio"/> a - Not supported by State <input type="radio"/> b - Not supported by Region	<input type="radio"/> c - Not supported by Town <input type="radio"/> d - Change to State funded <input type="radio"/> e - Change to Local funded <input type="radio"/> d - Other	Comments:
<input type="checkbox"/> 10-Correction		Comments:
<input type="checkbox"/> 11-Financing/Funding revision	<input type="radio"/> a - Due to project schedule <input type="radio"/> b - Due to funding availability <input type="radio"/> c - Other	Comments:

**STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION**



**PROJECT MEMORANDUM FOR
ENGINEERING - NO PPI**

DATE: 6/24/2024

To: **Darren E. Meyers**
Director of Capital Services
Bureau of Finance & Administration

MOD # RPM

From: Lisa N. Conroy / Lihui Zhang
PE or PL Project ID: **DOT01710516PE**
FD Project ID: **DOT01710516FD**
RW Project ID:
CN Project ID: **DOT01710516CN**

Please Review Project Information and Estimate for Approval:

Project Description (short): 29 (30 Characters)	Detection Upgrade Hartford UA
Project Description (long): 112 (254 Characters)	Detection upgrades at various traffic signals in the Hartford Urban Area to reduce vehicle delays and emissions.

Justification: 414 (1333 Characters)	This project will replace in-pavement loop detectors with 360-degree stop bar detection cameras and dilemma zone detection radar units at approximately 27 State-owned traffic control signals in the Hartford Urban Area as a means to reduce vehicle delays and emissions. FHWA determined on 3/20/2024 that this project is an eligible use of Carbon Reduction Program (CRP) funding. The PE phase includes a PD/FD split.
Project Manager: John Lockaby	Finance notes: The CN phase of this project will draw funds from the FFY 2026 Crbn-Rdct placeholder in the OBL, which is related to the overall Carbon Reduction Program even though it is shown as CRPA. The list of locations provided by Traffic dictates the MPOs that need to approve this project for inclusion in the STIP. Traffic is authorized to charge to overhead or project DOT01703618PE to start design activities/survey work if necessary until such time that project DOT01710516PE is opened in Core-CT.
Project Engineer: Kenneth Lussier	

Scope Code: **ST 4** ST 4 - Signalization Improvements (Scope Code is only for a project w/CN phase)

Requested Schedule (Project Manager):	
<input checked="" type="checkbox"/> State ADV	9/4/2024 (FY24 Auth) PE(PD) or PL Start
<input type="checkbox"/> Town ADV	5/7/2025 Design Approval/FD/RW
	3/25/2026 FDP
	5/6/2026 DCD
	6/3/2026 ADV with 0170-3742 under one contract

Estimates Summary:		Project Type CN	
Project Type	EST Amount Requested	Activity	EST Amount Requested
PE or PL	\$247,800	CT	\$3,065,000
FD	\$106,200	CG	\$0
		IN	\$0
Total	\$354,000	NI	\$0
		NF	\$0
		UT	\$0
Project Type	EST Amount Requested	RF	\$0
RW	\$0	SF	\$0
		TF	\$0
		CM	\$0
Total	\$0	Total	\$3,065,000

Project Grand Total (Sum of Project Types) = \$3,419,000

Submitted by: (sign & date)	Approved by: (sign & date)
Principal Engineer - Lisa N. Conroy	Assistant Chief Engineer - James A. Fallon
Division Chief - Matthew C. Blume	Director of Capital Services - Darren E. Meyers

Estimates for PL, PD, portion of PE, or total PE (if no PD/FD split):							RPM	Project ID			DOT01710516PE		
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	\$198,300	12062	22108	ZCRPH	\$49,500	13033	41404	ZSTEZ				
PE													
PE													
PE													
Total		\$198,300				\$49,500				\$0			
			80%	20%	0%	100%							
			Fed	State	Other	Total							

Estimates for FD of PE portion:							RPM	Project ID			DOT01710516FD		
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
FD	PE0000	\$85,000	12062	22108	ZCRPH	\$21,200	13033	41404	ZSTEZ				
FD													
FD													
FD													
Total		\$85,000				\$21,200				\$0			
			80%	20%	0%	100%							
			Fed	State	Other	Total							

Estimates for Rights of Way:							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													
Total		\$0				\$0				\$0			
			0%	0%	0%	0%							
			Fed	State	Other	Total							

Estimates for Construction:							RPM	Project ID			DOT01710516CN		
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	\$2,452,000	12062	22108	ZCRPH	\$613,000	13033	41404	ZSTEZ				
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
Total		\$2,452,000				\$613,000				\$0			
			80%	20%	0%	100%							
			Fed	State	Other	Total							

CARBON REDUCTION PROGRAM (CRP) - HARTFORD
DETECTION UPGRADE AT TRAFFIC SIGNALS IN HARTFORD, CT URBAN AREA

AreaID	LOC_TOWN	LOC_Rt	LOC_CrsST
011-212	BLOOMFIELD	187	AT WALSH ST & ENGLEWOOD AVE
017-201	BRISTOL	229	AT PINE ST AND MOUNTAIN RD
017-261	BRISTOL	229	AT LAKE AVE / TERRY COMMONS DRIVE
017-269	BRISTOL	229	AT BROAD STREET
017-270	BRISTOL	72	AT MITCHELL STREET
017-271	BRISTOL	72	AT EMMETT STREET
017-272	BRISTOL	72	AT TODD STREET & PINE STREET(RELOC)
017-273	BRISTOL	72	AT CENTRAL STREET
017-274	BRISTOL	72	AT LINCOLN AVE
063-227	HARTFORD	529	AT GRANT STREET & NEWFIELD AVENUE
063-246	HARTFORD	44	AT PROSPECT AVENUE
146-209	VERNON	83	AT DOBSON RD
146-220	VERNON	83	AT PITKIN STREET & DRIVE
146-228	VERNON	30	AT RTE 83 (TALCOTTVILLE RD) & KELLY RD
146-229	VERNON	83	AT I-84 E.B. OFF-RAMP, SOUTH JUNCTION
146-235	VERNON	83	AT I-84 E.B. OFF-RAMP, NORTH JUNCTION
155-214	WEST HARTFORD	218	WHITEHILL ROAD & MOHAWK DRIVE
155-221	WEST HARTFORD	173	MAYFLOWER RD
155-222	WEST HARTFORD	173	SOUTH QUAKER LA/ROUTE 173 (NEWINGTON RD)/SR 529 (NEW BRITAIN ,
164-220	WINDSOR	159	AT ROUTE 218 (PUTNAM MEMORIAL HIGHWAY)
164-227	WINDSOR	218	AT DEERFIELD RD AND I-291 WB OFF RAMP
164-229	WINDSOR	91	AT ROUTE 159 (WINDSOR AVE)
164-231	WINDSOR	159	AT ROUTE 178 (PARK AVE)
164-251	WINDSOR	91	N/BND RAMPS AT ROUTE 218
164-257	WINDSOR	91	AT ROUTE 178 (PARK AVE)
164-258	WINDSOR	91	AT ROUTE 178 (PARK AVE)
164-272	WINDSOR	75	AT DAY HILL ROAD

Project No	Region	Route	Town	Description	Project Manager
0118-0191	10	I-91	ROCKY HILL	EXIT 24 RAMP IMPROVEMENTS TO CT 99	Mancini, David

Phase Year	FA CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021	2022	2023	2024
CN	FYI STPA	5,130,000	4,104,000	1,026,000	0		0	0	0	0

Revision Code 05-New project

amendment Add new project. Authorization year scheduled for FY26. PE programmed using 100% State funds.

0118-0191 CN Phase Total: 5,130,000 Federal Share: 4,104,000 State Share: 1,026,000 Local Share: 0

- 01-Move project to another year
 - a - Funding limitations
 - b - Outstanding ROW issue
 - c - Outstanding Permit
 - d - Other (Specify)
 Comments:

- 02-Fiscal constraint
 - a - Funding fully programmed
 - b - State match not available
 - c - Local match not available
 - d - Other
 Comments:

- 03-Design schedule change
 - a - Permit issue
 - b - CTDOT staffing issue
 - c - Local staffing issue
 - d - ROW issue
 - e - Other
 Comments:

- 04-Revised cost estimate
 - a - Increase due to inflation
 - b - Increase due to (specify)
 - c - Decrease due to (specify)
 - d - Other
 Comments:

- 05-New project
 - a - Project requested by (specify)
 - b - Copy of RPM attached
 Comments:

- 06-New phase
 - a - PE phase required
 - b - ROW phase required
 - c - CON phase required
 Comments:

- 07-Administrative requirement
 - a - Add AC entry
 - b - Other
 Comments:

- 08-Delete phase
 - a - Phase not required
 - b - Phase changed to State funds
 - c - Phase changed to Local funds
 - d - Other
 Comments:

- 09-Delete project
 - a - Not supported by State
 - b - Not supported by Region
 - c - Not supported by Town
 - d - Change to State funded
 - e - Change to Local funded
 - d - Other
 Comments:

- 10-Correction
 -
 Comments:

- 11-Financing/Funding revision
 - a - Due to project schedule
 - b - Due to funding availability
 - c - Other
 Comments:

**STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION**



**PROJECT MEMORANDUM FOR
ENGINEERING**

DATE: 6/12/2024

To: **Darren E. Meyers**
Director of Capital Services
Bureau of Finance & Administration

MOD # RPM

From: L. Zhang for David M. Mancini
PE or PL Project ID: **DOT01180191PE**
FD Project ID: **DOT01180191FD**
RW Project ID:
CN Project ID: **DOT01180191CN**

Please Review Project Information and Estimate for Approval:

Project Description (short): 30 (30 Characters)	I-91 Exit 24 Ramp Improvements
Project Description (long): 248 (254 Characters)	Realign I-91 Exit 24 NB and SB ramps to CT 99 in Rocky Hill. Slip ramps to be removed to create shorter pedestrian crossing at the ramps. Full signal upgrades and integration into the CTSS also included (signal work removed from project 0118-0187).

Justification: 893 (1333 Characters)	This project is to realign the I-91 Northbound and Southbound ramps at Exit 24 to CT 99 (Silas Deane Highway). Slip ramps to be removed to create shorter pedestrian crossing at the ramps with fewer conflict points at lower speeds. Traffic signals at the ramps to be replaced and integrated into the Computerized Traffic Signal System (CTSS) being upgraded under DOT01180187CN. Sidewalk to be installed under the I-91 overpass to connect to the existing sidewalk network on either side of I-91. Removing the slip ramps creates an opportunity for stormwater MS4 by removing pavement. This project addresses the signalized intersections at the I-91/CT 99 ramps that were originally included in project 0118-0187, but were broken out from that project in order to expand the scope of work on the I-91 ramps to include additional pedestrian safety improvements. The PE phase includes a PD/FD split.
Project Manager: David M. Mancini	
Project Engineer: John Lockaby	Finance Notes: PPI # PP118-0009. PE phase is being funded with 100% State funds to expedite budget for design activities to begin.

Scope Code: **OI 1** OI 1 - Intersection Improvement (Scope Code is only for a project w/CN phase)

<input checked="" type="checkbox"/> State ADV <input type="checkbox"/> Town ADV	Requested Schedule (Project Manager):	
	ASAP	PE(PD) or PL Start
	11/6/2024	Design Approval/FD/RW
	10/29/2025	FDP
	12/10/2025	DCD
	1/7/2026	ADV

Estimates Summary:		Project Type CN	
Project Type	EST Amount Requested	Activity	EST Amount Requested
PE or PL	\$494,000	CT	\$5,130,000
FD	\$646,000	CG	\$0
Total	\$1,140,000	IN	\$0
		NI	\$0
		NF	\$0
		UT	\$0
		RF	\$0
		SF	\$0
		TF	\$0
		CM	\$0
Total	\$0	Total	\$5,130,000

Project Grand Total (Sum of Project Types) = \$6,270,000

Submitted by: (sign & date)	Approved by: (sign & date)
Project Manager - David M. Mancini	Division Chief - Michael Calabrese
Principal Engineer - Nilesh M. Patel	Director of Capital Services - Darren E. Meyers

Estimates for PL, PD, portion of PE, or total PE (if no PD/FD split):							RPM	Project ID							DOT01180191PE
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					\$494,000	13033	43122	ZSTEZ						
PE															
PE															
PE															
		\$0				\$494,000				\$0					
Total		\$494,000	0%	100%	0%	100%									
			Fed	State	Other	Total									

Estimates for FD of PE portion:							RPM	Project ID							DOT01180191FD
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		
FD	PE0000					\$646,000	13033	43122	ZSTEZ						
FD															
FD															
FD															
		\$0				\$646,000				\$0					
Total		\$646,000	0%	100%	0%	100%									
			Fed	State	Other	Total									

Estimates for Rights of Way:							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					
Total		\$0	0%	0%	0%	0%									
			Fed	State	Other	Total									

Estimates for Construction:							RPM	Project ID							DOT01180191CN
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	\$4,104,000	12062	22108	ZSTPA	\$1,026,000	13033	41404	ZSTEZ						
CN															
CN															
CN															
CN															
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CN															
CN															
CN															
CN															
CN															
		\$4,104,000				\$1,026,000				\$0					
Total		\$5,130,000	80%	20%	0%	100%									
			Fed	State	Other	Total									