

Agenda Item Summary

To: Policy Board

From: Robert Aloise, Director of Planning

CC: Matt Hart, Executive Director; Jon Colman, Transportation Committee Chair

Meeting Date: June 27, 2022 (Transportation Committee)

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: See attached table and backup material for individual project locations and descriptions.

Financial/Operational Impact: See attached table and backup material for individual project funding details. All projects funded with 80% (min.) federal monies, with the state fully funding the non-federal share.

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 CROG Transportation Committee
acting as the Policy Board on June 27th, 2022

ID #	Funding Program	Proj. No.	Route or System	Town or Area	Description	Phase	Year	Total \$ (000s)	Fed \$ (000s)	State \$ (000s)	Local \$ (000s)	Comments
1a	Nat'l Highway Performance Program - Bridge	0063-0731	I-84	Hartford	Rehab Bridge 05868 Carrying I-84 EB TR 839 to I-91	PD	2022	595	536	60	0	New Project
1b	Nat'l Highway Performance Program - Bridge	0063-0731	I-84	Hartford	Rehab Bridge 05868 Carrying I-84 EB TR 839 to I-91	FD	2024	406	365	41	0	New Project
1c	Nat'l Highway Performance Program - Bridge	0063-0731	I-84	Hartford	Rehab Bridge 05868 Carrying I-84 EB TR 839 to I-91	ROW	2024	50	45	5	0	New Project
1d	Bridge Formula Program	0063-0731	I-84	Hartford	Rehab Bridge 05868 Carrying I-84 EB TR 839 to I-91	CON	FYI	6,400	5,760	640	0	New Project
2a	STP Springfield	0011-0159	CT 305	Bloomfield	Replace Culvert at Mill Brook crossing	FD	2023	300	240	60	0	New Project
2b	STP Springfield	0011-0159	CT 305	Bloomfield	Replace Culvert at Mill Brook crossing	ROW	2023	85	68	17	0	New Project
2c	STP Hartford	0011-0159	CT 305	Bloomfield	Replace Culvert at Mill Brook crossing	CON	FYI	2,900	2,320	580	0	New Project
3a	STP Small Urban	0134-0148	CT 32 / CT 190	Stafford	Modern Roundabout at Routes 32 & 190	CON	2022	0	0	0	0	AC Entry
3b	STP Small Urban	0134-0148	CT 32 / CT 190	Stafford	Modern Roundabout at Routes 32 & 190	CON	2022	2,500	2,000	500	0	Increase Est. from FED \$1.52M, Add AC Conversion
3c	STP Small Urban	0134-0148	CT 32 / CT 190	Stafford	Modern Roundabout at Routes 32 & 190	CON	2023	400	320	80	0	Add AC Conversion
4a	STP Hartford	0076-0220	CT 83 & Oakland St.	Manchester	Construction of Two Roundabouts - 83 @ Oakland; Oakland @ Local Roads	FD	2022	-700	-560	-140	0	Delete FD Phase
4b	STP Hartford	0076-0220	CT 83 & Oakland St.	Manchester	Construction of Two Roundabouts - 83 @ Oakland; Oakland @ Local Roads	FD	2023	-5,500	-4,400	-1,100	0	Delete CON Phase

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

**STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION**



**PROJECT MEMORANDUM FOR
ENGINEERING**

DATE: 4/26/2022

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

MOD # RPM

From: L. Zhang for Jacob Booth
PE or PL Project ID: **DOT00630731PE**
FD Project ID: **DOT00630731FD**
RW Project ID: **DOT00630731RW**
CN Project ID: **DOT00630731CN**

Please Review Project Information and Estimate for Approval:

Project Description (short): 27 (30 Characters)	Bridge 05868 Rehabilitation
Project Description (long): 113 (254 Characters)	Rehabilitation of Bridge No. 05868 (I-84 Fly Over) carrying I-84 Eastbound TR 839 to I-91 Northbound in Hartford.

Justification: 664 (1333 Characters)	Bridge 05868, constructed in 1990, is recommended for a new waterproof membrane and overlay to preserve the bridge deck. The superstructure paint system has failed in some locations and requires painting. The substructure is currently rated a 6 but has vertical hairline cracks up to the full height, concrete spalls with exposed rebar, extensive map cracking, and should be addressed under this project. An RSR will be done to determine if further rehabilitation of this bridge will be required. This project is an Asset Management approach to reducing the life cycle cost by keeping the structure in a State of Good Repair. The PE phase includes a PD/FD split.
Project Manager: Timothy Fields	This project is being initiated under the Major Bridge Program, a program developed to address the Department's Major Structures within our bridge inventory and maintain their major components in a State of Good Repair. This rehabilitation project is being programmed using additional reauthorization funding from the Infrastructure Investment and Jobs Act (IIJA). PPI # PP063-0030.
Project Engineer:	

Scope Code: **BP 1** BP 1 - Major Bridge Rehab/Replacement

Requested Schedule (Proj. Manager):		Assigned Schedule (Capital Planning):	
<input checked="" type="checkbox"/> State ADV	8/17/2022 PE(PD) Start	PE Auth	<input type="text"/>
<input type="checkbox"/> Town ADV	12/27/2023 Design Approval/FD/RW	FD/RW Auth	<input type="text"/>
	7/9/2025 FDP	FDP	<input type="text"/>
	8/20/2025 DCD	DCD	<input type="text"/>
	9/17/2025 ADV	ADV	<input type="text"/>

Estimates Summary:		Project Type CN	
Project Type	EST Amount Requested	Activity	EST Amount Requested
PE or PL	\$595,000	CT	\$6,400,000
FD	\$406,000	CG	\$0
Total	\$1,001,000	IN	\$0
Project Type	EST Amount Requested	NI	\$0
RW	\$50,000	NF	\$0
Total	\$50,000	UT	\$0
		RF	\$0
		SF	\$0
		TF	\$0
		CM	\$0
		Total	\$6,400,000

Project Grand Total (Sum of Project Types) = \$7,451,000

Submitted by: (sign & date)	Approved by: (sign & date)
Project Manager	Division Chief
Principal Engineer	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		DOT00630731PE	
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	\$535,500	12062	22108	ZNHPP	\$59,500	13033	41393	ZSTEZ				
PE													
PE													
PE													
Total		\$595,000				\$59,500				\$0			

Estimates for FD of PE portion:							RPM			Project ID		DOT00630731FD	
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	\$365,400	12062	22108	ZNHPP	\$40,600	13033	41393	ZSTEZ				
FD													
FD													
FD													
Total		\$406,000				\$40,600				\$0			

Estimates for Rights of Way:							RPM			Project ID		DOT00630731RW	
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	\$45,000	12062	22108	ZNHPP	\$5,000	13033	41393	ZSTEZ				
RW													
RW													
RW													
Total		\$50,000				\$5,000				\$0			

Estimates for Construction:							RPM			Project ID		DOT00630731CN	
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	\$5,760,000	12062	22108	ZBRFP	\$640,000	13033	41393	ZSTEZ				
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
Total		\$6,400,000				\$640,000				\$0			

TIP/STIP~Action and Amendment Details

Project No	Region	Route	Town	Description	Project Manager
0011-0159	10	CT 305	BLOOMFIELD	REPLACE CULVERT AT MILL BROOK CROSSING	Arsenault, Joseph

Phase Year	FA CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021	2022	2023	2024	FYI
RW	2023 STPS	85,000	68,000	17,000	0		0	0	68,000	0	0

Revision Code 05-New project

amendment Add new project. This project was previously in the 2018 STIP, but never made it into the current STIP. The use of STPS funds was coordinated with CRCOG at the 11/17/20 annual Urban/Capital Plan Coordination meeting.

0011-0159 RW Phase Total: 85,000 Federal Share: 68,000 State Share: 17,000 Local Share: 0

Phase Year	FA CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021	2022	2023	2024	FYI
FD	2023 STPS	300,000	240,000	60,000	0		0	0	240,000	0	0

Revision Code 05-New project

amendment Add new project. This project was previously in the 2018 STIP, but never made it into the current STIP. The use of STPS funds was coordinated with CRCOG at the 11/17/20 annual Urban/Capital Plan Coordination meeting.

0011-0159 FD Phase Total: 300,000 Federal Share: 240,000 State Share: 60,000 Local Share: 0

Phase Year	FA CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021	2022	2023	2024	FYI
CN	FYI STPH	2,900,000	2,320,000	580,000	0		0	0	0	0	0

Revision Code

amendment Add new project. This project was previously in the 2018 STIP, but never made it into the current STIP. The use of STPH funds was coordinated with CRCOG at the 12/17/19 annual Urban/Capital Plan Coordination meeting.

0011-0159 CN Phase Total: 2,900,000 Federal Share: 2,320,000 State Share: 580,000 Local Share: 0

TIP/STIP~Action and Amendment Details

- 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:

TIP/STIP~Action and Amendment Details

Project No	Region	Route	Town	Description	Project Manager
0134-0148	10	CT 32/CT 190	STAFFORD	MODERN ROUNDABOUT AT ROUTES 32 & 190 - AC ENTRY	Cherpak, Michael

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

Revision Code 07-Administrative requirement

amendment Add FY22 AC Entry. This project is now being phase financed.

0134-0148 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	FYI
CN	2022 STPSU	2,500,000	2,000,000	500,000	0		0	480,000	0	0	0

Revision Code 04-Revised cost estimate, 11-Revise Funding

amendment Increase cost from Fed \$1.52M and add "AC Conversion" to the description. Total cost increasing from Fed \$1.52M to Fed \$2.32M. This increase is due to inflation and the amount of hardscape needed based on the towns requests. RR force account is also being added to accommodate work at crossing.

0134-0148 CN Phase Total: 2,500,000 Federal Share: 2,000,000 State Share: 500,000 Local Share: 0

Phase Year	FA CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021	2022	2023	2024	FYI
CN	2023 STPSU	400,000	320,000	80,000	0		0	0	320,000	0	0

Revision Code 11-Financing/Funding revision

amendment Add FY23 AC Conversion. Total cost increasing from Fed \$1.52M to Fed \$2.32M. This increase is due to inflation and the amount of hardscape needed based on the towns requests. RR force account is also being added to accommodate work at crossing.

0134-0148 CN Phase Total: 400,000 Federal Share: 320,000 State Share: 80,000 Local Share: 0

TIP/STIP~Action and Amendment Details

- 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:

TIP/STIP-Action and Amendment Details

Project No	Region	Route	Town	Description	Project Manager
0076-0220	10	CT 83 & OAKLA	MANCHESTER	CONSTRUCTION OF TWO ROUNDABOUTS - 83 @ OAKLAND; OAKLAND @ LOCAL ROADS	Arsenault, Joseph

Phase Year	FA CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021	2022	2023	2024	FYI
FD	2022	STPH	-700,000	-560,000	-140,000	0	0	-560,000	0	0	0

Revision Code 08-Delete phase											
action	Delete FD phase. This is due to the acquisition of the railroad property.										
0076-0220	FD	Phase Total:	-700,000	Federal Share:	-560,000	State Share:	-140,000	Local Share:	0		

Phase Year	FA CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021	2022	2023	2024	FYI
CN	2023	STPH	-5,500,000	-4,400,000	-1,100,000	0	0	0	-4,400,000	0	0

Revision Code 08-Delete phase											
action	Delete CN phase. This is due to the acquisition of the railroad property.										
0076-0220	CN	Phase Total:	-5,500,000	Federal Share:	-4,400,000	State Share:	-1,100,000	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
 - a - Due to project schedule
 - b - Due to funding availability
 - c - Other
 Comments:

TIP/STIP~Action and Amendment Details

Project No	Region	Route	Town	Description	Project Manager
0165-0509	10	I-91	WINDSOR LOCK	REHAB BR 00454 of CT RIVER, AMTRAK & CT 159 - AC ENTRY	Lomotey, Sowatei

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

Revision Code 07-Administrative requirement

action Add a HIBR AC Entry. This will allow for flexibility at the time of authorization.

0165-0509 CN Phase Total: 0 Federal Share: 0 State Share: 0 Local Share: 0

2022	NHPP-BRX	0	0	0	0		0	0	0	0	0
------	----------	---	---	---	---	--	---	---	---	---	---

Revision Code 07-Administrative requirement

action Move NHPP-BRX AC Entry from FY21.

0165-0509 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	FYI
CN	2022 BRX	82,106	73,895	8,211	0		0	73,895	0	0	0

Revision Code 11-Financing/Funding revision

action Add BRX entry. No change to total cost. This is needed to reprogram available BRX funds released from a different project. Balance of project with HIBR and NHPP-BRX

0165-0509 CN Phase Total: 82,106 Federal Share: 73,895 State Share: 8,211 Local Share: 0

Phase Year	FA CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021	2022	2023	2024	FYI
CN	2022 NHPP-BRX	16,395,672	14,756,105	1,639,567	0		0	-73,895	0	0	0

Revision Code 04-Revised cost estimate, 11-Revise Funding

action Add "AC Conversion" to the FY22 NHPP-BRX entry and reduce cost from Fed \$14.83M. No change to overall total cost. Balance of project with HIBR and BRX, which is being added.

0165-0509 CN Phase Total: 16,395,672 Federal Share: 14,756,105 State Share: 1,639,567 Local Share: 0

Phase Year	FA CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021	2022	2023	2024	FYI
CN	2022 HIBR	22,222,222	20,000,000	2,222,222	0		0	0	0	0	0

Revision Code 11-Financing/Funding revision

action Add "AC Conversion" to the description. No change to total cost. Balance of project with NHPP-BRX and BRX, which is being added.

0165-0509 CN Phase Total: 22,222,222 Federal Share: 20,000,000 State Share: 2,222,222 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: