

Agenda Item Summary

To: Policy Board; Transportation Committee

From: Rob Aloise, Director of Transportation Planning

CC: Matt Hart, Executive Director

Meeting Date: March 27, 2024 (Transportation Committee: March 25, 2024)

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. East Windsor/Enfield – I-91 – Pavement Preservation: Mainline and Ramps
2. Newington – Various – Wrong-Way Rumble Strips

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. The Transportation Committee will provide a recommendation at their meeting on March 25, 2024.

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 on March 25th, 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	STPH	0046-0131	I-91	EAST WINDSOR/ENFIELD	PAVEMENT PRESERVATION; MAINLINE & RAMPS - AC ENTRY	CON	2024	0	0	0	0	NEW PROJECT
1b	STPH	0046-0131	I-91	EAST WINDSOR/ENFIELD	PAVEMENT PRESERVATION; MAINLINE & RAMPS - AC CONVERSION	CON	2024	6,667	6,000	667	0	NEW PROJECT
1c	NHPP	0046-0131	I-91	EAST WINDSOR/ENFIELD	PAVEMENT PRESERVATION; MAINLINE & RAMPS - AC ENTRY	CON	FYI	0	0	0	0	NEW PROJECT
1d	NHPP	0046-0131	I-91	EAST WINDSOR/ENFIELD	PAVEMENT PRESERVATION; MAINLINE & RAMPS - AC CONVERSION	CON	FYI	38,333	34,500	3,833	0	NEW PROJECT
2	RTAP	0093-0250	VARIOUS	NEWINGTON	WRONG-WAY RUMBLE STRIPS	OTH	2024	50	40	10	0	ADD NEW PROJECT

TIP/STIP~Action and Amendment Details

Project No	Region	Route	Town	Description	Project Manager
0046-0131	10	I-91	EAST WINDSOR	PAVEMENT PRESERVATION; MAINLINE & RAMPS - AC ENTRY	Aresco, Salvatore

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

Revision Code 07-Administrative requirement

amendment Add new project

0046-0131 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	2024 STPH	6,666,667	6,000,000	666,667	0		0	0	0	6,000,000

Revision Code 05-New project

amendment Add new project

0046-0131 CN Phase Total: 6,666,667 Federal Share: 6,000,000 State Share: 666,667 Local Share: 0

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

Revision Code 07-Administrative requirement

amendment Add new project

0046-0131 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 NHPP	38,333,333	34,500,000	3,833,333	0		0	0	0	0

Revision Code 05-New project

amendment Add new project. Conversion scheduled for 2025.

0046-0131 CN Phase Total: 38,333,333 Federal Share: 34,500,000 State Share: 3,833,333 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:



DATE: 3/11/2024

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

MOD # _____ RPM _____

From: L. Zhang for John Henault

PE or PL Project ID:

FD Project ID:

RW Project ID:

CN Project ID: **DOT00460131CN**

Please Review Project Information and Estimate for Approval:

Project Description (short): 26 (30 Characters)	Pavement Preservation I-91
Project Description (long): 249 (254 Characters)	Pavement resurfacing on I-91 NB from approx. MP 50.93 to 58.17 and I-91 SB from approx. MP 50.90 to 58.17 in East Windsor/Enfield, including mainline and ramps, with ancillary improvements to address signal detection and curb ramps at intersections.

Justification: 1077 (1333 Characters)	The purpose of this project is to preserve and maintain the condition of the pavement on I-91 in a state of good repair, by performing a mill and overlay resurfacing treatment to replace the existing wearing surface, which will extend the pavement service life and help the Department achieve Transportation Asset Management Plan goals. This treatment is intended to remove the existing deficient pavement surface and includes Fine Milling, Bituminous Concrete Patching, Joint and Crack Filling, placement of Stone Matrix Asphalt on top of Binder Rich Intermediate Course, and the installation of Epoxy Pavement Markings. The pavement preservation treatment applies to the mainline (curb to curb) and all interstate ramps. Additionally, traffic signal detection systems will be upgraded at seven intersections within the project limits and all pedestrian curb ramps at the intersections will be evaluated to determine if they need to be replaced to meet ADA requirements. The project does not include any bridge work. Design work is being completed under project DOT01703617PE.
Project Manager: Salvatore Aresco	
Project Engineer: Malissa Carvalho	

PPI # PP046-0004. This project is being added to FY24 at the request of Engineering and is in addition to the annually planned Pavement Preservation Program. At the annual CRCOG/DOT STBG Urban Program Coordination Meeting on 2/21/24, this project was proposed to CRCOG for partial funding under STP-Hartford in FY24 in order to fill a programming gap. CRCOG seemed agreeable to the proposal and is expecting a STIP request for final review and anticipated approval. Federal funds to be phase financed: \$6M in FY24, balance in FY25.

Scope Code: **RP 1** RP 1 - Preservation by Contract (Scope Code is only for a project w/CN phase)

Requested Schedule (Project Manager):	
<input type="checkbox"/> State ADV	N/A - under 170-3617 PE(PD) or PL Start
<input type="checkbox"/> Town ADV	N/A - under 170-3617 Design Approval/FD/RW
	6/5/2024 FDP
	7/17/2024 DCD
	8/14/2024 ADV

Estimates Summary:		Project Type CN	
Project Type	EST Amount Requested	Activity	EST Amount Requested
PE or PL	\$0	CT	\$45,000,000
FD	\$0	CG	\$0
		IN	\$0
Total	\$0	NI	\$0
		NF	\$0
		UT	\$0
		RF	\$0
		SF	\$0
		TF	\$0
		CM	\$0
Total	\$0	Total	\$45,000,000

Project Grand Total (Sum of Project Types) = \$45,000,000

Submitted by: (sign & date)	Approved by: (sign & date)
Project Manager - John Henault	Not Applicable (no DC & PPI signed by James Fallon, ACE)
Principal Engineer - Karen Riemer	Division Chief
	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						
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													
PE														
PE														
PE														
Total		\$0				\$0				\$0				
		\$0	0%	0%	0%	0%								
			Fed	State	Other	Total								

Estimates for FD of PE portion:							RPM	Project ID						
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													
FD														
FD														
FD														
Total		\$0				\$0				\$0				
		\$0	0%	0%	0%	0%								
			Fed	State	Other	Total								

Estimates for Rights of Way:							RPM	Project ID						
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%	0%								
			Fed	State	Other	Total								

Estimates for Construction:							RPM	Project ID						
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	\$34,500,000	12062	22108	ZNHPP	\$3,833,333	13033	41400	ZSTEZ					
CN	CT0000	\$6,000,000	12062	22108	ZSTPH	\$666,667	13033	41400	ZSTEZ					
CN														
CN														
CN														
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Total		\$40,500,000				\$4,500,000				\$0				
		\$45,000,000	90%	10%	0%	100%								
			Fed	State	Other	Total								

Project No	Region	Route	Town	Description	Project Manager
0093-0250	10	VARIOUS	NEWINGTON	WRONG-WAY RUMBLE STRIPS	Szoke, Balazs

Phase	Year	FA CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021	2022	2023	2024
OTH	2024	RTAP	50,000	40,000	10,000	0		0	0	0	40,000

Revision Code 05-New project

Amendment Add new project.

0093-0250 OTH Phase Total: 50,000 Federal Share: 40,000 State Share: 10,000 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:



DATE: 3/13/2024

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

MOD # _____ RPM _____

From: L. Zhang for Melanie Zimyeski

RE Project ID: **DOT00930250RE**
FD Project ID:
RW Project ID:
CN Project ID:

Please Review Project Information and Estimate for Approval:

Project Description (short): 29 (30 Characters)	Wrong Way Rumble Strips Pilot
Project Description (long): 244 (254 Characters)	This research project provides funds for CTDOT, in collaboration with UCONN, to test and validate previously designed cross-sections of Wrong Way Rumble Strips in a controlled test environment. PODI term project through 12/31/24; PAED 6/30//28.

Justification: 767 (1333 Characters)	CTDOT received FFY 2023 STIC Incentive Program funding to support a pilot test of previously designed Wrong Way Rumble Strips in collaboration with the University of Connecticut (UCONN). The project includes physically constructing three designs and then deploying them in a controlled test environment on UCONN's depot campus to conduct real-world testing to validate the simulation results. If successful, the results of this project could result in a new, novel, low technology-based application to alert drivers they are traveling in the wrong direction. There may also be benefits for drivers traveling in the correct direction. Funds were allocated in FFY 2023 (Allocation Memorandum dated 8/31/23) under Program Code Y37H and CFDA 20.200. Federal share is 80%.
Project Manager: Balazs Szoke	
Project Engineer:	Finance notes: This project is a joint effort that involves staff from both CTDOT's Research and Engineering areas. Authorization for UCONN to begin is restricted by UCONN MOU execution, FHWA agreement execution, Core-CT budget establishment and UCONN purchase order approval. While awaiting a determination from FHWA regarding whether this project requires an individual STIP entry, CTDOT is taking steps to include in the STIP in case it is required.

Scope Code: #N/A

Requested Schedule (Proj. Manager):	
<input type="checkbox"/> State ADV	ASAP (anticipate 6/1/24) RE Start
<input type="checkbox"/> Town ADV	Design Approval/FD/RW
	FDP
	DCD
	ADV

Estimates Summary:		Project Type CN	
Project Type	EST Amount Requested	Activity	EST Amount Requested
RE	\$50,000	CT	\$0
FD	\$0	CG	\$0
Total	\$50,000	IN	\$0
		NI	\$0
		NF	\$0
		UT	\$0
		RF	\$0
		SF	\$0
		TF	\$0
		CM	\$0
Total	\$0	Total	\$0

Project Grand Total (Sum of Project Types) = \$50,000

Submitted by: (sign & date)	Approved by: (sign & date)
Principal Engineer - Natasha Fatu	Assistant Chief Engineer - James A. Fallon
Division Chief - Matthew 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 DOT00930250RE			
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
RE	SR0000	\$40,000	12062	22774	ZRTAP	\$10,000	12001	12017	ZSTZ				
PE													
PE													
PE													
Total		\$50,000	80%	20%	0%	100%				\$0			
			Fed	State	Other	Total							

Estimates for FD of PE portion:							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
FD	PE0000												
FD													
FD													
FD													
Total		\$0	0%	0%	0%	0%				\$0			
			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			
			Fed	State	Other	Total							

Estimates for Construction:							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
CN	CT0000												
CN													
CN													
CN													
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CN													
CN													
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CN													
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CN													
CN													
Total		\$0	0%	0%	0%	0%				\$0			
			Fed	State	Other	Total							