

Agenda Item Summary

To: Policy Board

From: Robert Aloise, Director of Planning

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

Meeting Date: May 25, 2022

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: The Transportation Committee will provide a recommendation at their meeting on May 23, 2022.

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
May 23rd, 2022 and the Policy Board on May 25th, 2022

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 Capital	0426-XXXX	GHTD	Hartford	GHTD - Roberts St. Facility (SGR) FY 22	CON	2022	200	160	40	0	New Project
2a	Nat'l Highway Performance Program - Bridge	0053-0189	CT 17	Glastonbury	NHS - Remove Bridges 00388 & 00389 & Revise CT 17 SB @ New London Turnpike	ROW	2022	50	40	10	0	New Project
2a	Nat'l Highway Performance Program - Bridge	0053-0189	CT 17	Glastonbury	NHS - Remove Bridges 00388 & 00389 & Revise CT 17 SB @ New London Turnpike	CON	2023	4,750	3,800	950	0	New Project
3a	Nat'l Highway Performance Program - Bridge	0165-0509	I-91	Windsor Locks	Rehab Bridge 00454 over CT River, AMTRAK & CT 159	CON	2022	16,478	14,830	1,648	0	Increase Estimate from FED \$14.62M, Remove AC Conversion from Description
3b	Highway Infrastructure Bridge Replacement	0165-0509	I-91	Windsor Locks	Rehab Bridge 00454 over CT River, AMTRAK & CT 159	CON	2022	22,222	20,000	2,222	0	Add HIBR Entry
4	STP Small Urban	0134-0148	CT 32 / CT 190	Stafford	Modern Roundabout at Routes 32 & 190	CON	2022	1,900	1,520	380	0	Increase Estimate from FED \$800K and FA Code from STOP
5a	STP Anywhere	0046-0127	CT 191	East Windsor	Replace BR 01524 over Scantic River	CON	2023	6,372	5,098	1,274	0	Add STPA Entry, Change in Scope
5b	Highway Safety Improvement Program	0046-0127	CT 191	East Windsor	Replace BR 01524 over Scantic River	CON	2023	140	112	28	0	Add HIPS Entry Change in Scope
5c	STP Springfield	0046-0127	CT 191	East Windsor	Replace BR 01524 over Scantic River	CON	2023	4,188	3,350	838	0	Move STPS Entry to FY23, Increase Estimate from FED \$1.708M
6a	Bridge Formula Program	0171-0484	Various	District 1	UHC Beam End Repairs on Various Bridges - AC Entry	CON	2022	0	0	0	0	New Project
6b	Bridge Formula Program	0171-0484	Various	District 1	UHC Beam End Repairs on Various Bridges - AC Conversion	CON	2022	32,600	26,080	6,520	0	New Project
7	FTA Section 5307 Capital	0426-XXXX	GHTD / GNHTD	Hartford / Hamden	GHTD / GNHTD - Electric Vehicle Pilot Project FY 22	ALL	2022	1,200	960	240	0	New Project

ID #	Funding Program	Proj. No.	Route or System	Town or Area	Description	Phase	Year	Total \$ (000s)	Fed \$ (000s)	State \$ (000s)	Local \$ (000s)	Comments
8a	Nat'l Highway Performance Program - Bridge	0170-3551	Various	Statewide	Minor Bridge Rehab - NHS NBI Bridges w/ Pin and Hanger Assemblies - AC Entry	CON	2022	0	0	0	0	New Project
8b	Nat'l Highway Performance Program - Bridge	0170-3551	Various	Statewide	Minor Bridge Rehab - NHS NBI Bridges w/ Pin and Hanger Assemblies - AC Conversion	CON	2022	9,100	7,280	1,820	0	New Project
<p><i>Due to the urgency of programming projects, some additional projects may be added prior to the meeting.</i></p>												

TIP ACTION OR AMENDMENT FORM

PROJECT NO.

PROJECT MANAGER

PHONE/E-mail:

DATE:

PROJECT DESCRIPTION

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	<input type="checkbox"/>
	Outstanding ROW issue	<input type="checkbox"/>
	Outstanding Permit issue	<input type="checkbox"/>
	Other (SPECIFY)	<input type="checkbox"/>

02 - Fiscal Constraint issues	Funding category fully programmed	<input type="checkbox"/>
	State match not available	<input type="checkbox"/>
	Local match not available	<input type="checkbox"/>

03- Design schedule change	Permit issue	<input type="checkbox"/>
	ConnDOT staffing issue	<input type="checkbox"/>
	Local staffing issue	<input type="checkbox"/>
	ROW issue	<input type="checkbox"/>
	Other	<input type="checkbox"/>

04- Revised cost estimates	Increase due to inflation	<input type="checkbox"/>
	Increase due to cost of (SPECIFY)	<input type="checkbox"/>
	Decrease due to (SPECIFY)	<input type="checkbox"/>
	Other	<input type="checkbox"/>

05- New Project	Project requested by (SPECIFY)	<input checked="" type="checkbox"/>	This project will provide FY22 FTA Section 5307 funding for GHTD's state of good repair activities at their Roberts St. Facility. This will cover unexpected projects, the purchase of additional security cameras (12), and software to monitor vehicle repairs for the maintenance department. Project total \$200,000; \$160,000 federal.
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06- New Phase	ROW now required	<input type="checkbox"/>
	CON phase required	<input type="checkbox"/>

08- Delete phase	Phase not required	<input type="checkbox"/>
	Phase changed to State funds	<input type="checkbox"/>
	Phase changed to Local funds	<input type="checkbox"/>

09- Delete project	Project no longer supported by State	<input type="checkbox"/>
	Project no longer supported by Region	<input type="checkbox"/>
	Project no longer supported by Town	<input type="checkbox"/>
	Changed to all State funds	<input type="checkbox"/>
	Changed to all Local funds	<input type="checkbox"/>
	Other	<input type="checkbox"/>

11-Phase/Financing/Funding Revision	Due to project schedule	<input type="checkbox"/>
	Due to funding limitations	<input type="checkbox"/>
	Other	<input type="checkbox"/>

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

Project No	Region	Route	Town	Description	Project Manager
0053-0189	10	CT 17	GLASTONBURY	NHS - REMOVE BRS. 00388 & 00389 & REVISE CT 17 SB @ NEW LONDON TURNPIKE	Lessard, Derick

Phase Year	FA CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021	2022	2023	2024	FYI
RW	2022 NHPP-BRX	50,000	40,000	10,000	0		0	40,000	0	0	0

Revision Code 05-New project
 action Add new project to the STIP previously a part of the Bridge Report. During design, it was determined traffic operations could be significantly improved.

0053-0189 RW	Phase Total:	50,000	Federal Share:	40,000	State Share:	10,000	Local Share:	0
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Phase Year	FA CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021	2022	2023	2024	FYI
CN	2023 NHPP-BRX	4,750,000	3,800,000	950,000	0		0	0	3,800,000	0	0

Revision Code 05-New project
 action Add new project to the STIP previously a part of the Bridge Report. During design, it was determined traffic operations could be significantly improved.

0053-0189 CN	Phase Total:	4,750,000	Federal Share:	3,800,000	State Share:	950,000	Local Share:	0
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- 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
0165-0509	10	I-91	WINDSOR LOCK	REHAB BR 00454 o/ CT RIVER, AMTRAK & CT 159	Lomotey, Sowatei

Phase Year	FA CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021	2022	2023	2024	FYI
CN	2022 NHPP-BRX	16,477,778	14,830,000	1,647,778	0		0	210,000	0	0	0

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

action Increase FY22 cost from Fed \$14.62M and delete "AC Conversion" from the description. The project moved from FY21 to FY22, and it is no longer being phased financed. Total cost increasing from \$28.62M to \$34.83M. Balance of project with HIBR, which is being added.

0165-0509 CN **Phase Total:** 16,477,778 **Federal Share:** 14,830,000 **State Share:** 1,647,778 **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	20,000,000	0	0	0

Revision Code 11-Financing/Funding revision

action Add FY22 HIBR entry. The project moved from FY21 to FY22, and it is no longer being phased financed. Total cost increasing from \$28.62M to \$34.83M. Balance of project with NHPP-BRX.

0165-0509 CN **Phase Total:** 22,222,222 **Federal Share:** 20,000,000 **State Share:** 2,222,222 **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)
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- 07-Administrative requirement
 - a - Add AC entry
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- 08-Delete phase
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 Comments:
- 09-Delete project
 - a - Not supported by State
 - b - Not supported by Region
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 - 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
0171-0455	10	VARIOUS	DISTRICT 1	REPLACE TRAFFIC CONTROL SIGNALS AT VARIOUS LOCATIONS	Palmer, Greg

Phase Year	FA CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021	2022	2023	2024	FYI
CN	2022 REP	601,265	481,012	120,253	0		0	481,012	0	0	0

Revision Code 11-Financing/Funding revision

action Add FY22 REP entry. This portion of funding is 80/20. Total cost increasing from Fed \$4.35M to \$4.956M. Balance of project with STPA.

0171-0455 CN	Phase Total:	601,265	Federal Share:	481,012	State Share:	120,253	Local Share:	0
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Phase Year	FA CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021	2022	2023	2024	FYI
CN	2022 STPA	4,474,735	4,474,735	0	0		0	124,735	0	0	0

Revision Code 04-Revised cost estimate

action Increase cost from Fed \$4.35M. This portion of funding is 100% federally participating. Total cost increasing from Fed \$4.35M to \$4.956M. Balance of project with REP, which is being added.

0171-0455 CN	Phase Total:	4,474,735	Federal Share:	4,474,735	State Share:	0	Local Share:	0
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- 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
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 - 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
0046-0127	10	CT 191	EAST WINDSOR	REPLACE BR 01524 o/ SCANTIC RIVER	Blasi, Kevin

Phase Year	FA CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021	2022	2023	2024	FYI
CN	2023 HIPS	140,230	112,184	28,046	0		0	0	112,184	0	0

Revision Code 11-Financing/Funding revision

amendment Add HIPS entry. Total cost increasing from Fed \$1.708M to Fed \$8.56M. This is due to updated costs following full structure replacement option selected at the RSR. Also, significant utility relocations and highway realignment work is required. Balance of project with STPS which is being updated and STPA which is being added.

0046-0127 CN Phase Total: 140,230 Federal Share: 112,184 State Share: 28,046 Local Share: 0

Phase Year	FA CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021	2022	2023	2024	FYI
CN	2023 STPS	4,187,500	3,350,000	837,500	0		0	-1,708,000	3,350,000	0	0

Revision Code 01-Move project to another year, 04-Revise Cost

amendment Move STPS entry from FY22 to FY23 and increase cost from Fed \$1.708M. Total cost increasing from Fed \$1.708M to Fed \$8.56M. This is due to updated costs following full structure replacement option selected at the RSR. Also, significant utility relocations and highway realignment work is required. Balance of project with STPA and HIPS, which are both being added.

0046-0127 CN Phase Total: 4,187,500 Federal Share: 3,350,000 State Share: 837,500 Local Share: 0

Phase Year	FA CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021	2022	2023	2024	FYI
CN	2023 STPA	6,372,270	5,097,816	1,274,454	0		0	0	5,097,816	0	0

Revision Code 11-Financing/Funding revision

amendment Add STPA entry. Total cost increasing from Fed \$1.708M to Fed \$8.56M. This is due to updated costs following full structure replacement option selected at the RSR. Also, significant utility relocations and highway realignment work is required. Balance of project with STPS which is being updated and HIPS which is being added.

0046-0127 CN Phase Total: 6,372,270 Federal Share: 5,097,816 State Share: 1,274,454 Local Share: 0

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

Phase	Year	FA CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021	2022	2023	2024	FYI
CN	2022	STPSU	1,900,000	1,520,000	380,000	0		0	720,000	0	0	0

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

amendment Increase cost from Fed \$800k and change FA Code from STPO. The cost increase is needed to cover some additional pedestrian improvements on route 32, areas of full depth pavement replacement within the roundabout and unaccounted for items missing from project initiation.

0134-0148 CN **Phase Total:** 1,900,000 **Federal Share:** 1,520,000 **State Share:** 380,000 **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
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 - d - Change to State funded
 - e - Change to Local funded
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 Comments:

- 10-Correction
 -
 Comments:

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



DATE: 4/8/2022

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: DOT01710484PE
FD Project ID:
RW Project ID: DOT01710484RW
CN Project ID: DOT01710484CN

Please Review Project Information and Estimate for Approval:

Project Description (short): 29 (30 Characters)	Dist. 1 UHPC Beam End Repairs
Project Description (long): 116 (254 Characters)	Address steel beam end deterioration on various bridges in District 1 using Ultra High Performance Concrete (UHPC).

Justification: 932 (1333 Characters)	This project will repair steel beam ends on approximately 17 bridges in District 1 using UHPC as opposed to traditional steel welding techniques. Beam ends located under leaky expansion joints become corroded over time and require repair. UHPC beam end repairs help pass the live load from the superstructure to the substructure, increasing the strength rating of the beam end, as well as encasing the beam end in concrete to protect from the elements and further corrosion. This project is being initiated under the "Ultra High Performance Concrete Beam End Repair Program." These bridges have been identified in this Statewide Program as a priority, to address the Department's 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).
Project Manager: Derick Lessard	PPI # PP171-0023. Since this project includes 12 bridges carrying the NHS as well as four bridges OVER the NHS, carrying routes with various Non-NHS functional classifications, and one bridge carrying a Non-NHS route over a river (bridge #00938), the CN phase likely only qualifies for STPA or BFP funds. CN initially being programmed for STPA funds to obligate formula obligation limitation (ceiling) in FY22. PE phase does not include PD/FD split.
Project Engineer: Jonathan Kang	

Scope Code: BP 3	BP 3 - Minor Bridge Preservation Program		
Requested Schedule (Proj. Manager):		Assigned Schedule (Capital Planning):	
<input checked="" type="checkbox"/> State ADV	ASAP*	PE Start *Currently billing to 170-3250	PE Auth
<input type="checkbox"/> Town ADV	5/4/2022	Design Approval/FD/RW	FD/RW Auth
	7/13/2022	FDP	FDP
	8/24/2022	DCD	DCD
	9/21/2022	ADV	ADV

Estimates Summary:		Project Type CN	
Project Type	EST Amount Requested	Activity	EST Amount Requested
PE or PL	\$1,450,000	CT	\$32,600,000
FD	\$0	CG	\$0
		IN	\$0
Total	\$1,450,000	NI	\$0
		NF	\$0
		UT	\$0
		RF	\$0
		SF	\$0
		TF	\$0
		CM	\$0
Total	\$50,000	Total	\$32,600,000
Project Grand Total (Sum of Project Types) = \$34,100,000			

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		DOT01710484PE			
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					\$1,450,000	13033	43123	ZSTEZ				
PE													
PE													
PE													
Total		\$0				\$1,450,000				\$0			

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													
FD													
FD													
FD													
Total		\$0				\$0				\$0			

Estimates for Rights of Way:							RPM	Project ID		DOT01710484RW			
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					\$50,000	13033	43123	ZSTEZ				
RW													
RW													
RW													
Total		\$0				\$50,000				\$0			

Estimates for Construction:							RPM	Project ID		DOT01710484CN			
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	\$26,080,000	12062	22108	ZBRFP	\$6,520,000	13033	43123	ZSTEZ				
CN													
CN													
CN													
CN													
CN													
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CN													
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CN													
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CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
Total		\$26,080,000				\$6,520,000				\$0			

Project No	Region	Route	Town	Description	Project Manager
0171-0484	71	VARIOUS	DISTRICT 1	UHPC BEAM END REPAIRS ON VARIOUS BRIDGES - AC ENTRY	Lessard, Derick

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

Revision Code 07-Administrative requirement

amendment Add new project. This will allow for more flexibility at the time of authorization.

0171-0484 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 BRFP	32,600,000	26,080,000	6,520,000	0		0	26,080,000	0	0	0

Revision Code 05-New project

amendment Add new project. All other phases programmed with 100% state funds.

0171-0484 CN Phase Total: 32,600,000 Federal Share: 26,080,000 State Share: 6,520,000 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
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 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:

Project 0171-0484 Locations

BRIDGE NO.	FACILITY CARRIED	FEATURE INTERSECTED	CITY/TOWN
00629	ROUTE 9 NORTHBOUND	ROUTE 155	MIDDLETOWN
00634	SILVER STREET	ROUTE 9	MIDDLETOWN
00640	ROUTE 9 NORTHBOUND	MATTABESSET RIVER	MIDDLETOWN
00938	ROUTE 32	WILLIMANTIC RIVER	TOLLAND
01243	CURTISS STREET	INTERSTATE-84	SOUTHINGTON
01247	INTERSTATE-84 WB	ABANDONED B&M RAILROAD	SOUTHINGTON
01692	SR 597 NORTHBOUND	CANAL ST, RAILS TO TRAILS	SOUTHINGTON
01942	INTERSTATE-691 WB	RESERVOIR AVE & STREAM	MERIDEN
02070	INTERSTATE-691 EB	LEWIS AVE	MERIDEN
03077	INTERSTATE-91 NB	MATTABESSET RIVER	MIDDLETOWN
03162	SSR 411(WEST ST)	INTERSTATE-91 & NB RAMP	ROCKY HILL
03308	INTERSTATE-84 EB	SR 536 (WOODFORD AVE)	PLAINVILLE
03517	ROUTE 9 SOUTHBOUND	RTE 9 RAMP 043 & SR 901	CROMWELL
04248	STANLEY STREET #1	ROUTE 9 & RAMPS	NEW BRITAIN
05844C	I-84 WB HOV LANE	ROUTE 15	EAST HARTFORD
05844D	I-84 EB HOV & WB RAMP	I-84 EB, RTE 15, RAMP A	EAST HARTFORD

TIP ACTION OR AMENDMENT FORM

PROJECT NO.	0426-XXXX	PROJECT MANAGER	Sandy Infantino
		PHONE/E-mail:	sandy.infantino@ct.gov

DATE:	5/6/2022
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PROJECT DESCRIPTION GHTD/GNHTD - ELECTRIC VEHICLE PILOT PROGRAM FY 22

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"/>	
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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"/>	
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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"/>	
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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"/>	
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05- New Project	Project requested by (SPECIFY)	<input checked="" type="checkbox"/>	This project is requesting \$1,200,000 total of FY22 FTA Section 5307 funding for GHTD and GNHTD's Electric Vehicle pilot program. The Transit Districts are collaborating on an electric vehicle pilot program for paratransit agencies. Funding will support the purchase of 10 electric vehicles, charging stations and training for operations and maintenance. Each operator will receive 5 small buses to be tested in their respective service areas. This pilot program will help to determine the feasibility of replacing gas/diesel vehicles with electric vehicles and will contribute to the environmental and health benefits of the State. Project total \$1,200,000; \$960,000 Federal.
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06- New Phase	ROW now required CON phase required	<input type="checkbox"/> <input type="checkbox"/>	
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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"/>	
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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"/>	
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11-Phase/Financing/Funding Revision	Due to project schedule Due to funding limitations Other	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
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** change codes 7 Administrative Requirement; 10 Correction and 12 No Revision are not listed - they are self explanatory

Project No	Region	Route	Town	Description	Project Manager
0170-3551	3, 8, 10, 11	VARIOUS	STATEWIDE	MINOR REHAB - NHS NBI BRIDGES w/ PIN & HANGER ASSEMBLIE AC ENTRY	Garcia Jr., Alvaro

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

Revision Code 05-New project

amendment Add new project. This will allow for flexibility at the time of authorization.

0170-3551 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 NHPP-BRX	9,100,000	7,280,000	1,820,000	0		0	7,280,000	0	0	0

Revision Code 05-New project

amendment Add new project. This project was previously programmed with 100% state funds, but has been now been federalized due to funding availability.

0170-3551 CN Phase Total: 9,100,000 Federal Share: 7,280,000 State Share: 1,820,000 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: 11/15/2019

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

MOD # _____ RPM _____

From: L.Zhang for Alvaro Garcia
PE or PL Project ID: **DOT01703551PE**
FD Project ID: **DOT01703551FD**
RW Project ID:
CN Project ID: **DOT01703551CN**

Please Review Project Information and Estimate for Approval:

Project Description (short): 30 (30 Characters)	Non-Frac Crit Brdg Pin& Hanger
Project Description (long): 238 (254 Characters)	Statewide program to address NHS NBI bridges with Pin & Hanger Assemblies. Includes minor rehabilitation work on five (5) bridges that contain pin and hanger assemblies to extend their service life and keep them in a state of good repair.

Justification: 864 (1333 Characters)	This project will address Pin and Hanger Assemblies for five (5) NBI bridges on the NHS. The following Bridges have been identified for this Statewide Pin and Hanger Program: - 00609 (Route 8 SB over B&M RR/Naugatuck, Litchfield) - 00862 (Route 17 SB over East Main Street, Middletown) - 02380 (SR 500 TR 803 over SR 500/TR 801/I-84 TR 831, East Hartford) - 03021 (Interstate-91 NB over US Route 5/Amtrak, New Haven) - 03156 (Route 9 NB over I-91 NB and Route 9 SB, Cromwell) Work anticipated for this project (bridge dependent) includes: repairing/replace drainage adjacent to the assemblies; removing rust and corrosion; repainting/replacing the Pin and Hanger Assemblies and repair/replace concrete headers/joints over Pin and Hanger Assemblies, replacing joints over piers/abutments, deck patching, repairs to steel members, and strip/patch/membrane/overlay.
Project Manager: Alvaro Garcia	
Project Engineer: Paul Dattilio	

Scope Code: **BP 3** BP 3 - Minor Bridge Preservation Program

Requested Schedule (Proj. Manager):		Assigned Schedule (Capital Planning):	
<input type="checkbox"/>	State ADV	2/12/2020	PE(PD) Start
<input type="checkbox"/>	Town ADV	4/27/2022	Design Approval/FD/RW
		7/13/2022	FDP
		8/24/2022	DCD
		9/21/2022	ADV
			PE Auth
			FD/RW Auth
			FDP
			DCD
			ADV

Estimates Summary:		Project Type CN	
Project Type	EST Amount Requested	Activity	EST Amount Requested
PE or PL	\$200,000	CT	\$9,100,000
FD	\$700,000	CG	\$0
Total	\$900,000	IN	\$0
Project Type	EST Amount Requested	NI	\$0
RW	\$0	NF	\$0
Total	\$0	UT	\$0
		RF	\$0
		SF	\$0
		TF	\$0
		CM	\$0
		Total	\$9,100,000

Project Grand Total (Sum of Project Types) = \$10,000,000

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

Estimates for PL, PD, portion of PE, or total PE (if no PD/FD split):							RPM	Project ID		DOT01703551PE			
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	\$160,000	12062	22108	ZNHBR	\$40,000	13033	41393	ZSTEZ				
PE													
PE													
PE													
Total		\$200,000				\$40,000				\$0			

Estimates for FD of PE portion:							RPM	Project ID		DOT01703551FD			
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	\$560,000	12062	22108	ZNHPP	\$140,000	13033	41393	ZSTEZ				
FD													
FD													
FD													
Total		\$700,000				\$140,000				\$0			

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			

Estimates for Construction:							RPM	Project ID		DOT01703551CN			
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	\$7,280,000	12062	22108	ZNHPP	\$1,820,000	13033	43123	ZSTEZ				
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Total		\$9,100,000				\$1,820,000				\$0			