

TIP Amendments (FFY 2021-2024 TIP)

For Review by the CRCOG Transportation Committee on October 24th, 2022 and the CRCOG Policy Board on October 26th, 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	STP Anywhere	0172-0524	Various	District 2	Replace Highway Illumination at Various Locations	PD	2023	360	288	72	0	New Project
1b	STP Anywhere	0172-0524	Various	District 2	Replace Highway Illumination at Various Locations	FD	2023	500	400	100	0	New Project
2a	STP Anywhere	0171-0493	Various	District 1	Replace Traffic Control Signals at Various Locations	PD	2023	824	824	0	0	New Project
2b	STP Anywhere	0171-0493	Various	District 1	Replace Traffic Control Signals at Various Locations	FD	2024	707	707	0	0	New Project
2c	STP Anywhere	0171-0493	Various	District 1	Replace Traffic Control Signals at Various Locations	ROW	2024	190	190	0	0	New Project
3a	STP Anywhere	0172-0525	Various	District 2	Replace Traffic Control Signals at Various Locations	PD	2023	645	645	0	0	New Project
3b	STP Anywhere	0172-0525	Various	District 2	Replace Traffic Control Signals at Various Locations	FD	2024	554	554	0	0	New Project
3c	STP Anywhere	0172-0525	Various	District 2	Replace Traffic Control Signals at Various Locations	ROW	2024	150	150	0	0	New Project
4	Bridge Formula Program	0174-0462	I-84	District 4	Bridge Deck Preservation of Various Bridges	CON	2023	15,300	13,770	1,530	0	New Project

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



DATE: 9/20/2022

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

MOD # RPM

From: L. Zhang for Jon Andrews
PE or PL Project ID: **DOT01720524PE**
FD Project ID: **DOT01720524FD**
RW Project ID:
CN Project ID: **DOT01720524CN**

Please Review Project Information and Estimate for Approval:

Project Description (short): 27 (30 Characters)	D2 Illumination Replacement
Project Description (long): 149 (254 Characters)	Replacement of highway illumination systems at locations along various routes determined to be in the greatest need of replacement within District 2.

Justification: 503 (1333 Characters)	Replacement of highway lighting systems on I-95 in New London, Route 2 and Route 78 in Stonington, Route 1, Route 154, and the pedestrian walkway in Old Saybrook, Route 2 in Marlborough, Route 6 in Columbia, Coventry, Mansfield, and Windham, and Route 2 and Route 12 in Norwich. The existing highway illumination systems have deteriorated and have reached the limit of serviceable life. The existing highway illumination systems were installed between 1971 and 1997. The PE phase includes a PD/FD split.
Project Manager: Jon Andrews	PP172-0027. "Illu-mntrn" placeholders in the Obligation Plan in FFYs 2023 and 2024 to be reduced to \$0 with the addition of this project. The CN phase of this project is included in the SFY24 budget request under FIF-Road.
Project Engineer:	

Scope Code: **RP 3** RP 3 - Illumination

Requested Schedule (Proj. Manager):		Assigned Schedule (Capital Planning):	
<input checked="" type="checkbox"/> State ADV	11/2/2022	PE(PD) Start	PE Auth
<input type="checkbox"/> Town ADV	5/24/2023	Design Approval/FD/RW	FD/RW Auth
	1/3/2024	FDP	FDP
	2/14/2024	DCD	DCD
	3/13/2024	ADV	ADV

Estimates Summary:		Project Type CN	
Project Type	EST Amount Requested	Activity	EST Amount Requested
PE or PL	\$360,000	CT	\$13,200,000
FD	\$500,000	CG	\$0
Total	\$860,000	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	\$13,200,000

Project Grand Total (Sum of Project Types) = \$14,060,000

Submitted by: (sign & date)	Approved by: (sign & date)
Project Manager (Print Name)	Division Chief (Print Name)
Principal Engineer (Print Name)	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** **DOT01720524PE**

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	\$288,000	12062	22108	ZSTPA	\$72,000	13033	41404	ZSTEZ				
PE													
PE													
PE													
Total		\$288,000				\$72,000				\$0			
Total		\$360,000											

Estimates for FD of PE portion: **RPM** **Project ID** **DOT01720524FD**

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	\$400,000	12062	22108	ZSTPA	\$100,000	13033	41404	ZSTEZ				
FD													
FD													
FD													
Total		\$400,000				\$100,000				\$0			
Total		\$500,000											

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			
Total		\$0											

Estimates for Construction: **RPM** **Project ID** **DOT01720524CN**

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					\$13,200,000	13033	43122	ZSTEZ				
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
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CN													
CN													
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CN													
CN													
CN													
Total		\$0				\$13,200,000				\$0			
Total		\$13,200,000											

Project No	Region	Route	Town	Description	Project Manager
0172-0524	10, 11, 13	VARIOUS	DISTRICT 2	REPLACE HIGHWAY ILLUMINATION AT VARIOUS LOCATIONS	Andrews, Jon (860) 594-2792

Phase Year	FA CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021	2022	2023	2024	FYI
PD	2023 STPA	360,000	288,000	72,000	0		0	0	288,000	0	0

Revision Code 05-New project amendment
Add new project. The CN phase is programmed to use 100% state funds.

0172-0524 PD Phase Total: 360,000 Federal Share: 288,000 State Share: 72,000 Local Share: 0

Phase Year	FA CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021	2022	2023	2024	FYI
FD	2023 STPA	500,000	400,000	100,000	0		0	0	400,000	0	0

Revision Code 05-New project amendment
Add new project. The CN phase is programmed to use 100% state funds.

0172-0524 FD Phase Total: 500,000 Federal Share: 400,000 State Share: 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
 -
 Comments:

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

2025 District 1 Various Traffic Signal Project

FY2025 Full Equipment Replacement

1	007-242	Berlin	Rte 71, Chamberlain Highway	Rte 364 (Southington Rd)
2	011-207	Bloomfield	Rte 178, Wintonbury & East Wintonbury Avenues	Rte 187 (Blue Hills Ave)
3	017-216	Bristol	Rte 6, (Farmington Ave)	at Oakland Street
4	033-215	Cromwell	Rte 3, (Shunpike Rd)	at Cromwell Hills Road
5	042-235	East Hartford	I-84	Wbnd Off Ramp at Sr 518 (Roberts St)
6	046-227	East Windsor	Rte 140, North Rd	at Shoham Road
7	048-220	Enfield	Rte 220, Elm St & Shaker Rd	at Elm St
8	048-227	Enfield	Rte 220, Shaker Road WB	at Washington Road
9	048-246	Enfield	Rte 220, Shaker Rd	at Henry Barnard Elementary School
10	063-290	Hartford	I-91	at Sbnd Off Ramp at Sr 530 (Airport Road)
11	076-212	Manchester	Rte 6 & Rte 44	at Route 83 & Main Street.
12	159-212	Wethersfield	Rte 287, (Prospect Street)	at Wolcott Hill Rd & Park Entrance
13	159-224	Wethersfield	Rte 287, (Prospect Street)	at Folly Brook Blvd & Griswold Rd.
14	165-202	Windsor Locks	Rte 75, Ella T. Grasso Tpke.	at SSR 401 Schoephoester Rd & National Dr

FY2025 Partial Equipment Replacement, Pedestrian Upgrades Requested By Municipality and/or BESB

15	017-202	Bristol	Rte 6, (Farmington Ave)	at Rustic Terrace and Shopping Ctr Drive
16	017-215	Bristol	Rte 6, (Farmington Ave)	at Rte 69 (Burlington Ave) & Maple St
17	017-221	Bristol	Rte 229, (Middle Street)	at Redstone Hill Road & Cross Street
18	076-233	Manchester	Sr 502, West Center St	at Mckee St
19	131-230	Southington	Rte 10, (North Main St)	at Hobart Street

FY2025 Partial Equipment Replacement - Controller, GPS Unit

20	063-230	Hartford	Sr 530, (Airport Road)	at Locust Street
21	063-245	Hartford	Sr 530, (Airport Road)	at Ledyard St & Burger King Drive

**STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION**



**PROJECT MEMORANDUM FOR
ENGINEERING**

DATE: 9/22/2022

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

MOD # RPM

From: L. Zhang for Gregory Palmer
PE or PL Project ID: **DOT01710493PE**
FD Project ID: **DOT01710493FD**
RW Project ID: **DOT01710493RW**
CN Project ID: **DOT01710493CN**

Please Review Project Information and Estimate for Approval:

Project Description (short): 26 (30 Characters)	D1 Traffic Control Signals
Project Description (long): 100 (254 Characters)	Replacement of traffic control signals to meet current standards at various locations in District 1.

Justification: 199 (1333 Characters)	Funding is required to replace traffic control signals to meet current standards at various locations in District 1. PE estimate includes a PD/FD Split. Project is eligible for 100% Federal funding.
Project Manager: Gregory Palmer	PPI # PP171-0027. CN phase to draw funds from FY25 FIF-Roadway "Sgnl-Pres" and "Sgnl-Impr" placeholders in OBL.
Project Engineer: Daniel Veronesi	

Scope Code: ST 4	ST 4 - Signalization Improvements
Requested Schedule (Proj. Manager):	
<input checked="" type="checkbox"/> State ADV	12/28/2022 PE(PD) Start
<input type="checkbox"/> Town ADV	4/10/2024 Design Approval/FD/RW
	4/30/2025 FDP
	6/11/2025 DCD
	7/9/2025 ADV
Assigned Schedule (Capital Planning):	
	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	\$823,500	CT	\$8,357,000
FD	\$706,500	CG	\$0
Total	\$1,530,000	IN	\$0
		NI	\$0
		NF	\$0
		UT	\$0
Project Type	EST Amount Requested	RF	\$0
RW	\$190,000	SF	\$0
Total	\$190,000	TF	\$0
		CM	\$0
		Total	\$8,357,000

Project Grand Total (Sum of Project Types) = \$10,077,000

Submitted by: (sign & date)	Approved by: (sign & date)
Project Manager (Print Name)	Division Chief (Print Name)
Principal Engineer (Print Name)	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		DOT01710493PE			
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	\$823,500	12062	22108	ZSTPA								
PE													
PE													
PE													
Total		\$823,500				\$0				\$0			

Estimates for FD of PE portion:							RPM	Project ID		DOT01710493FD			
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	\$706,500	12062	22108	ZSTPA								
FD													
FD													
FD													
Total		\$706,500				\$0				\$0			

Estimates for Rights of Way:							RPM	Project ID		DOT01710493RW			
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	\$190,000	12062	22108	ZSTPA								
RW													
RW													
RW													
Total		\$190,000				\$0				\$0			

Estimates for Construction:							RPM	Project ID		DOT01710493CN			
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					\$8,357,000	13033	43122	ZSTEZ				
CN													
CN													
CN													
CN													
CN													
CN													
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CN													
CN													
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CN													
CN													
CN													
CN													
Total		\$0				\$8,357,000				\$0			

TIP/STIP~Action and Amendment Details

Project No	Region	Route	Town	Description	Project Manager
0171-0493	05, 10, 11	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
PD	2023 STPA	823,500	823,500	0	0		0	0	823,500	0	0

Revision Code 05-New project

amendment Add new project. The CN phase is programmed to use 100% state funds.

0171-0493 PD Phase Total: 823,500 Federal Share: 823,500 State Share: 0 Local Share: 0

Phase Year	FA CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021	2022	2023	2024	FYI
RW	2024 STPA	190,000	190,000	0	0		0	0	0	190,000	190,000

Revision Code 05-New project

amendment Add new project. The CN phase is programmed to use 100% state funds.

0171-0493 RW Phase Total: 190,000 Federal Share: 190,000 State Share: 0 Local Share: 0

Phase Year	FA CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021	2022	2023	2024	FYI
FD	2024 STPA	706,500	706,500	0	0		0	0	0	706,500	706,500

Revision Code 05-New project

amendment Add new project. The CN phase is programmed to use 100% state funds.

0171-0493 FD Phase Total: 706,500 Federal Share: 706,500 State Share: 0 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:

2025 District 2 Various Traffic Signal ProjectFY2025 Full Equipment Replacement

1	027-207	CLINTON	Rte 81 (KILLINGWORTH TPKE)	at GLENWOOD RD & COMMUTER LOT.
2	057-202	GRISWOLD	Rte 12 (MAIN ST)	& Rte 138 (MAIN ST) AT ROUTE 138 (SLATER AVE) & RAILROAD AVE
3	057-203	GRISWOLD	Rte 12 (MAIN ST)	at ASHLAND ST & TRACY AVE
4	058-205	GROTON	Rte 12	at WALKER HILL & TOLL GATE RDS
5	058-207	GROTON	Rte 12	at CRYSTAL LAKE RD
6	077-233	MANSFIELD	Rte 6	EBND OFF RAMP & SR633& MANSFIELD CITY RD
7	077-236	MANSFIELD	SR 632	at MANSFIELD CITY ROAD NO. FRONTAGE RD
8	077-239	MANSFIELD	SR 632	at CONANTVILLE RD & RTE 6 WBND OFF RAMP
9	085-222	MONTVILLE	Rte 32	at MASSAPEAG RD
10	101-207	NORTH STONINGTON	Rte 2 (NORWICH-WESTERLY RD)	at Rte 201 (MAINS CROSSING) SO JCT
11	103-243	NORWICH	Rte 165 (HAMILTON AVE)	at SMITH AVE
12	103-265	NORWICH	Rte 2	EBND OFF-RAMP AT SR 642
13	112-215	PORTLAND	Rte 17 GOSPEL LANE	at ROUTE 66 (PORTLAND ROAD
14	152-228	WATERFORD	Rte 85 HARTFORD TPKE	at RTE 395 SO. BND RAMP

FY2025 Partial Equipment Replacement, Pedestrian Upgrades Requested By Municipality and/or BESB

15	137-228	STONINGTON	Rte 1	at DRIVE TO A&P SUPERMARKET
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**STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION**



**PROJECT MEMORANDUM FOR
ENGINEERING**

DATE: 9/22/2022

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

MOD # RPM

From: L. Zhang for Gregory Palmer
PE or PL Project ID: **DOT01720525PE**
FD Project ID: **DOT01720525FD**
RW Project ID: **DOT01720525RW**
CN Project ID: **DOT01720525CN**

Please Review Project Information and Estimate for Approval:

Project Description (short): 26 (30 Characters)	D2 Traffic Control Signals
Project Description (long): 100 (254 Characters)	Replacement of traffic control signals to meet current standards at various locations in District 2.

Justification: 199 (1333 Characters)	Funding is required to replace traffic control signals to meet current standards at various locations in District 2. PE estimate includes a PD/FD split. Project is eligible for 100% Federal funding.
Project Manager: Gregory Palmer	PPI # PP172-0028. CN phase to draw funds from FY25 FIF-Roadway "Sgnl-Impr" placeholder in OBL.
Project Engineer:	

Scope Code: ST 4	ST 4 - Signalization Improvements
Requested Schedule (Proj. Manager):	
<input checked="" type="checkbox"/> State ADV	1/4/2023 PE(PD) Start
<input type="checkbox"/> Town ADV	4/24/2024 Design Approval/FD/RW
	5/21/2025 FDP
	7/2/2025 DCD
	7/30/2025 ADV
Assigned Schedule (Capital Planning):	
	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	\$645,000	CT	\$7,670,000
FD	\$553,500	CG	\$0
Total	\$1,198,500	IN	\$0
		NI	\$0
		NF	\$0
		UT	\$0
		RF	\$0
Project Type	EST Amount Requested	SF	\$0
RW	\$150,000	TF	\$0
Total	\$150,000	CM	\$0
		Total	\$7,670,000

Project Grand Total (Sum of Project Types) = \$9,018,500

Submitted by: (sign & date)	Approved by: (sign & date)
Project Manager (Print Name)	Division Chief (Print Name)
Principal Engineer (Print Name)	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		DOT01720525PE			
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	\$645,000	12062	22108	ZSTPA								
PE													
PE													
PE													
Total		\$645,000				\$0				\$0			

Estimates for FD of PE portion:							RPM	Project ID		DOT01720525FD			
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	\$553,500	12062	22108	ZSTPA								
FD													
FD													
FD													
Total		\$553,500				\$0				\$0			

Estimates for Rights of Way:							RPM	Project ID		DOT01720525RW			
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	\$150,000	12062	22108	ZSTPA								
RW													
RW													
RW													
Total		\$150,000				\$0				\$0			

Estimates for Construction:							RPM	Project ID		DOT01720525CN			
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					\$7,670,000	13033	43122	ZSTEZ				
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
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CN													
CN													
CN													
CN													
CN													
CN													
CN													
Total		\$0				\$7,670,000				\$0			

TIP/STIP~Action and Amendment Details

Project No	Region	Route	Town	Description	Project Manager
0172-0525	10, 11, 13	VARIOUS	DISTRICT 2	REPLACE TRAFFIC CONTROL SIGNALS AT VARIOUS LOCATIONS	Palmer, Greg

Phase Year	FA CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021	2022	2023	2024	FYI
PD	2023 STPA	645,000	645,000	0	0		0	0	645,000	0	0

Revision Code 05-New project

amendment Add new project. The CN phase is programmed to use 100% state funds.

0172-0525 PD Phase Total: 645,000 Federal Share: 645,000 State Share: 0 Local Share: 0

Phase Year	FA CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021	2022	2023	2024	FYI
RW	2024 STPA	150,000	150,000	0	0		0	0	0	150,000	150,000

Revision Code 05-New project

amendment Add new project. The CN phase is programmed to use 100% state funds.

0172-0525 RW Phase Total: 150,000 Federal Share: 150,000 State Share: 0 Local Share: 0

Phase Year	FA CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021	2022	2023	2024	FYI
FD	2024 STPA	553,500	553,500	0	0		0	0	0	553,500	553,500

Revision Code 05-New project

amendment Add new project. The CN phase is programmed to use 100% state funds.

0172-0525 FD Phase Total: 553,500 Federal Share: 553,500 State Share: 0 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:

**STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION**



**PROJECT MEMORANDUM FOR
ENGINEERING**

DATE: 6/27/2022

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: **DOT01740462PE**
FD Project ID: **DOT01740462FD**
RW Project ID: **DOT01740462RW**
CN Project ID: **DOT01740462CN**

Please Review Project Information and Estimate for Approval:

Project Description (short): 28 (30 Characters)	Bridge Deck SPMO I-84 Dist 4
Project Description (long): 198 (254 Characters)	Bridge deck preservation (Strip/Patch/Membrane/Overlay treatment) of various bridges carrying I-84 Eastbound and Westbound in District 4 (Newtown, Southbury, Middlebury, Waterbury, and Farmington).

Justification: 538 (1333 Characters)	The bridge decks need repair and replacement of the membrane waterproofing systems. A Strip/Patch/Membrane/Overlay (SPMO) treatment will strip off the existing wearing surface on the bridge, patch the concrete of the bridge deck, install a thin impermeable membrane on top of the bridge deck, then apply an overlay of asphalt pavement. The membrane and asphalt protect the repaired concrete bridge deck from damaging moisture and deicing salts, thereby extending the service life of the bridge deck. The PE phase includes a PD/FD split.
Project Manager: Jacob Booth	This project is being initiated under the "Bridge Deck SPMO 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 preservation project is being programmed using additional reauthorization funding from the Infrastructure Investment and Jobs Act (IIJA).
Project Engineer: Luke Arno	
	PPI # PP174-0022. All bridges are on the NBI and Interstate. PE phase programmed for 100% State funds to expedite start of design.

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

Requested Schedule (Proj. Manager):		Assigned Schedule (Capital Planning):	
ASAP	PE(PD) Start	PE Auth	
3/1/2023	Design Approval/FD/RW	FD/RW Auth	
<input checked="" type="checkbox"/> State ADV	FDP	FDP	
<input type="checkbox"/> Town ADV	DCD	DCD	
	ADV	ADV	

Estimates Summary:		Project Type CN	
Project Type	EST Amount Requested	Activity	EST Amount Requested
PE or PL	\$1,040,000	CT	\$15,300,000
FD	\$762,000	CG	\$0
Total	\$1,802,000	IN	\$0
		NI	\$0
		NF	\$0
		UT	\$0
		RF	\$0
		SF	\$0
		TF	\$0
		CM	\$0
Total	\$50,000	Total	\$15,300,000
Project Grand Total (Sum of Project Types) = \$17,152,000			

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		DOT01740462PE			
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					\$1,040,000	13033	43123	ZSTEZ				
PE													
PE													
PE													
Total		\$0				\$1,040,000				\$0			
Total		\$1,040,000											

Estimates for FD of PE portion:							RPM	Project ID		DOT01740462FD			
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					\$762,000	13033	43123	ZSTEZ				
FD													
FD													
FD													
Total		\$0				\$762,000				\$0			
Total		\$762,000											

Estimates for Rights of Way:							RPM	Project ID		DOT01740462RW			
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			
Total		\$50,000											

Estimates for Construction:							RPM	Project ID		DOT01740462CN			
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	\$13,770,000	12062	22108	ZBRFP	\$1,530,000	13033	41393	ZSTEZ				
CN													
CN													
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Total		\$13,770,000				\$1,530,000				\$0			
Total		\$15,300,000											

Project No	Region	Route	Town	Description	Project Manager
0174-0462	02, 05, 10	I-84	DISTRICT 4	BRIDGE DECK PRESERVATION OF VARIOUS BRIDGES	Booth, Jaco

Phase Year	FA CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021	2022	2023	2024	FYI
CN	2023 BRFP	15,300,000	13,770,000	1,530,000	0		0	0	13,770,000	0	0

Revision Code 05-New project

amendment Add new project. PD/FD/RW all funded with 100% state money.

0174-0462CN **Phase Total:** 15,300,000 **Federal Share:** 13,770,000 **State Share:** 1,530,000 **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 fund
 - c - Phase changed to Local fund
 - 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 fund
 - e - Change to Local fund
 - d - Other
 Comments:

- 10-Correction

 Comments:

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