

TIP Amendments (FFY 2021-2024 TIP)

For Review by the CRCOG Transportation Committee on March 20th, 2023
and the CRCOG Policy Board on March 22nd, 2023

ID #	Funding Program	Proj. No.	Route or System	Town or Area	Description	Phase	Year	Total \$ (000s)	Fed \$ (000s)	State \$ (000s)	Local \$ (000s)	Comments
1	Congestion Mgmt & Air Quality	0170-3667	Various	Statewide	Statewide TDM: Greater CT Moderate	OTH	2023	1,623	1,298	325	0	New Project
2	Highway Infrastructure Nat'l Electric Vehicle Infrastructure	0170-3682	N/A	Statewide	NEVI Program Phase 1 Administration	PL	2023	1,000	800	200	0	New Project
3	Protect Planning	0170-3684	N/A	Statewide	Resilience Improvement Plan & Vulnerability Assessment	PL	2023	750	600	150	0	New Project
4a	STP Anywhere	0171-0496	Various	District 1	Replace, Rehab or Remove Retaining Walls in POD 1a	PD	2023	1,184	947	237	0	New Project
4b	STP Anywhere	0171-0496	Various	District 1	Replace, Rehab or Remove Retaining Walls in POD 1a	FD	2024	497	398	99	0	New Project
4c	STP Anywhere	0171-0496	Various	District 1	Replace, Rehab or Remove Retaining Walls in POD 1a	ROW	2024	100	80	20	0	New Project
4d	STP Anywhere	0171-0496	Various	District 1	Replace, Rehab or Remove Retaining Walls in POD 1a	CON	FYI	8,674	6,939	1,735	0	New Project
5a	Protect Program (PRFP)	0170-3685	N/A	Statewide	Pump Station Risk Assessment	PL	2023	276	221	55	0	New Project
5b	Protect Planning (PRPL)	0170-3685	N/A	Statewide	Pump Station Risk Assessment	PL	2023	124	99	25	0	New Project
6a	Congestion Mitigation & Air Quality	0042-0330	I-84 / I-384	Various	Replace Cameras and Communications Equipment	OPD	2023	2,195	1,976	220	0	New Project
6b	Congestion Mitigation & Air Quality	0042-0330	I-84 / I-384	Various	Replace Cameras and Communications Equipment	FD	2024	1,464	1,317	146	0	New Project
6c	Congestion Mitigation & Air Quality	0042-0330	I-84 / I-384	Various	Replace Cameras and Communications Equipment - AC Entry	CON	FYI	0	0	0	0	New Project
6d	Congestion Mitigation & Air Quality	0042-0330	I-84 / I-384	Various	Replace Cameras and Communications Equipment - AC Conversion	CON	FYI	36,588	32,928	3,659	0	New Project
7	STP Anywhere	0174-0442	Various	District 4	Replace Traffic Signals at Various Locations	CON	2023	6,200	6,200	0	0	New Project

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



DATE: 2/23/2023

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

MOD # RPM

From: K. Martocchio

SM Project ID:
 OP Project ID: **DOT01703667OP**
 RW Project ID:
 CN Project ID:

Please Review Project Information and Estimate for Approval:

Project Description (short): 26 (30 Characters)	Statewide TDM (Greater CT)
Project Description (long): 228 (254 Characters)	Provide funds for the Statewide Transportation Demand Management (TDM) project (Greater CT moderate portion) for the period 07/01/2023-06/30/2024; PAED 6/30/2026. This project replaces P/N 170-3626OP which expires on 06/30/2023.

Justification: 718 (1333 Characters)	Using selected contractors, CTDOT will market, educate and provide outreach to employers and individuals in support of CTDOT's statewide Transportation Demand Management (TDM) program in the Greater Hartford and New London areas of the state under the brand name CTrides. This program assists in the formation and long-term viability of carpools and vanpools, and includes affinity products which support the creation and long-term viability of carpools and vanpools. This program also provides comprehensive resources to help employers design, implement and maintain teleworking programs. This program will reduce the number of employee work trips, decreasing traffic congestion, energy consumption and air pollution.
Project Manager: James Stutz	This project should replace placeholder project TDMx-CTxx in FY23 in the OBL. In addition, the cost estimates for future year TDMx-CTxx placeholders in the OBL should be updated to match the actual cost estimate for the FY23 project.
Project Engineer:	

Scope Code: #N/A (Scope Code is only for a project w/CN phase)

<input type="checkbox"/> State ADV <input type="checkbox"/> Town ADV	Requested Schedule (Proj. Manager):	Assigned Schedule (Capital Planning):
	7/1/2023 OP Start Design Approval/FD/RW FDP DCD ADV	PE Auth FD/RW Auth FDP DCD ADV

Estimates Summary:		Project Type CN	
Project Type	EST Amount Requested	Activity	EST Amount Requested
OP	\$1,622,986	CT	\$0
FD	\$0	CG	\$0
Total	\$1,622,986	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) = \$1,622,986

Submitted by: (sign & date)	Approved by: (sign & date)
Project Manager: Lisa A. Rivers	Bureau Chief: Benjamin Limmer
Transit Administrator: Dennis Solensky	Director of Capital Services - Darren E. Meyers

Project No	Region	Route	Town	Description	Project Manager
0170-3667	70	VARIOUS	STATEWIDE	STATEWIDE TDM: GREATER CT MODERATE	Stutz, James

Phase	Year	FA CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021	2022	2023	2024	FYI
OTH	2023	CMAQ	1,622,986	1,298,389	324,597	0		0	0	1,298,389	0	0

Revision Code	05-New project amendment	Add new project
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0170-3667	OTH	Phase Total:	1,622,986	Federal Share:	1,298,389	State Share:	324,597	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:



DATE: 2/27/2023

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

MOD # RPM

From: Emily Pysh
 PE or PL Project ID: **DOT01703682PL**
 FD Project ID:
 RW Project ID:
 CN Project ID:

Please Review Project Information and Estimate for Approval:

Project Description (short): 27 (30 Characters)	NEVI Program Administration
Project Description (long): 252 (254 Characters)	Program development and administration for the NEVI Program Phase 1 to oversee a grant program for installation of electric vehicle fast chargers along Alternative Fuel Corridors. Term project with anticipated completion date of 12/31/24; PAED 6/30/28.

Justification: 951 (1333 Characters)	The Bipartisan Infrastructure Law authorized the National Electric Vehicle Infrastructure (NEVI) Program with the intent of creating a national electric vehicle charging network. A CTDOT hired consultant will oversee implementation of the first phase of this program for the installation of electric vehicle fast chargers along Alternative Fuel Corridors at up to 11 sites. Activities will include but are not limited to developing and deploying a solicitation process; evaluating and awarding grants; developing contract materials; and stakeholder outreach. It is anticipated that this project will lead to up to 11 future projects with individual PE/CN phases. Due to the ongoing evolution of the NEVI Program, CTDOT will be working closely with FHWA regarding the specific activities to be funded under this project, and the project term and budget may be modified in the future based on additional NEVI Program guidance and coordination with FHWA.
Project Manager: Emily Pysh	
Project Engineer:	

Scope Code: #N/A (Scope Code is only for a project w/CN phase)

Requested Schedule (Project Manager):	
<input type="checkbox"/> State ADV	ASAP PE(PD) or PL 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
PE or PL	\$1,000,000	CT	\$0
FD	\$0	CG	\$0
Total	\$1,000,000	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) = \$1,000,000

Submitted by: (sign & date)	Approved by: (sign & date)
Assistant Planning Director	Bureau Chief
Planning Director	Director of Capital Services - Darren E. Meyers

Project No	Region	Route	Town	Description	Project Manager
0170-3682	70		STATEWIDE	NEVI PROGRAM PHASE 1 ADMINISTRATION	Pysh, Emily

Phase	Year	FA CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021	2022	2023	2024	FYI
PL	2023	EVFP	1,000,000	800,000	200,000	0		0	0	800,000	0	0

Revision Code	05-New project amendment	Add new project.
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0170-3682 PL	Phase Total:	1,000,000	Federal Share:	800,000	State Share:	200,000	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:

Project No	Region	Route	Town	Description	Project Manager
0170-3684	70		STATEWIDE	RESILIENCE IMPROVEMENT PLAN & VULNERABILITY ASSESSMEI	Runowicz, Eric

Phase	Year	FA CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021	2022	2023	2024	FYI
PL	2023	PRPL	750,000	600,000	150,000	0		0	0	600,000	0	0

Revision Code	05-New project amendment	Add new project.
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0170-3684 PL	Phase Total:	750,000	Federal Share:	600,000	State Share:	150,000	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
0171-0496	71	VARIOUS	DISTRICT 1	REPLACE, REHAB OR REMOVE RETAINING WALLS IN POD 1A	Booth, Jacob

Phase Year	FA CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021	2022	2023	2024	FYI
PD	2023 STPA	1,183,680	946,944	236,736	0		0	0	946,944	0	0

Revision Code	05-New project										
amendment	Add new project.										

0171-0496 PD	Phase Total:	1,183,680	Federal Share:	946,944	State Share:	236,736	Local Share:	0			
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Phase Year	FA CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021	2022	2023	2024	FYI
RW	2024 STPA	100,000	80,000	20,000	0		0	0	0	80,000	80,000

Revision Code	05-New project										
amendment	Add new project.										

0171-0496 RW	Phase Total:	100,000	Federal Share:	80,000	State Share:	20,000	Local Share:	0			
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Phase Year	FA CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021	2022	2023	2024	FYI
FD	2024 STPA	496,940	397,552	99,388	0		0	0	0	397,552	397,552

Revision Code	05-New project										
amendment	Add new project.										

0171-0496 FD	Phase Total:	496,940	Federal Share:	397,552	State Share:	99,388	Local Share:	0			
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Phase Year	FA CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021	2022	2023	2024	FYI
CN	FYI STPA	8,673,530	6,938,824	1,734,706	0		0	0	0	0	0

Revision Code	05-New project										
amendment	Add new project.										

0171-0496 CN	Phase Total:	8,673,530	Federal Share:	6,938,824	State Share:	1,734,706	Local Share:	0			
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<input type="checkbox"/> 01-Move project to another year	<input type="radio"/> a - Funding limitations <input type="radio"/> b - Outstanding ROW issue <input type="radio"/> c - Outstanding Permit <input type="radio"/> d - Other (Specify)	Comments:
<input type="checkbox"/> 02-Fiscal constraint	<input type="radio"/> a - Funding fully programmed <input type="radio"/> b - State match not available <input type="radio"/> c - Local match not available <input type="radio"/> d - Other	Comments:
<input type="checkbox"/> 03-Design schedule change <input type="radio"/> a - Permit issue <input type="radio"/> b - CTDOT staffing issue	<input type="radio"/> c - Local staffing issue <input type="radio"/> d - ROW issue <input type="radio"/> e - Other	Comments:
<input type="checkbox"/> 04-Revised cost estimate	<input type="radio"/> a - Increase due to inflation <input type="radio"/> b - Increase due to (specify) <input type="radio"/> c - Decrease due to (specify) <input type="radio"/> d - Other	Comments:
<input type="checkbox"/> 05-New project	<input type="radio"/> a - Project requested by (specify) <input type="radio"/> b - Copy of RPM attached	Comments:
<input type="checkbox"/> 06-New phase	<input type="radio"/> a - PE phase required <input type="radio"/> b - ROW phase required <input type="radio"/> c - CON phase required	Comments:
<input type="checkbox"/> 07-Administrative requirement	<input type="radio"/> a - Add AC entry <input type="radio"/> b - Other	Comments:
<input type="checkbox"/> 08-Delete phase	<input type="radio"/> a - Phase not required <input type="radio"/> b - Phase changed to State funds <input type="radio"/> c - Phase changed to Local funds <input type="radio"/> d - Other	Comments:
<input type="checkbox"/> 09-Delete project <input type="radio"/> a - Not supported by State <input type="radio"/> b - Not supported by Region	<input type="radio"/> c - Not supported by Town <input type="radio"/> d - Change to State funded <input type="radio"/> e - Change to Local funded <input type="radio"/> d - Other	Comments:
<input type="checkbox"/> 10-Correction		Comments:
<input type="checkbox"/> 11-Financing/Funding revision	<input type="radio"/> a - Due to project schedule <input type="radio"/> b - Due to funding availability <input type="radio"/> c - Other	Comments:

TIP/STIP~Action and Amendment Details

Project No	Region	Route	Town	Description	Project Manager
0171-0496	71	VARIOUS	DISTRICT 1	REPLACE, REHAB OR REMOVE RETAINING WALLS IN POD 1A	Booth, Jacob

Phase Year	FA CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021	2022	2023	2024	FYI
PD	2023 STPA	1,183,680	946,944	236,736	0		0	0	946,944	0	0

Revision Code	05-New project										
amendment	Add new project.										

0171-0496 PD	Phase Total:	1,183,680	Federal Share:	946,944	State Share:	236,736	Local Share:	0			
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Phase Year	FA CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021	2022	2023	2024	FYI
RW	2024 STPA	100,000	80,000	20,000	0		0	0	0	80,000	80,000

Revision Code	05-New project										
amendment	Add new project.										

0171-0496 RW	Phase Total:	100,000	Federal Share:	80,000	State Share:	20,000	Local Share:	0			
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Phase Year	FA CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021	2022	2023	2024	FYI
FD	2024 STPA	496,940	397,552	99,388	0		0	0	0	397,552	397,552

Revision Code	05-New project										
amendment	Add new project.										

0171-0496 FD	Phase Total:	496,940	Federal Share:	397,552	State Share:	99,388	Local Share:	0			
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Phase Year	FA CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021	2022	2023	2024	FYI
CN	FYI STPA	8,673,530	6,938,824	1,734,706	0		0	0	0	0	0

Revision Code	05-New project										
amendment	Add new project.										

0171-0496 CN	Phase Total:	8,673,530	Federal Share:	6,938,824	State Share:	1,734,706	Local Share:	0			
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<input type="checkbox"/> 01-Move project to another year	<input type="radio"/> a - Funding limitations <input type="radio"/> b - Outstanding ROW issue <input type="radio"/> c - Outstanding Permit <input type="radio"/> d - Other (Specify)	Comments:
<input type="checkbox"/> 02-Fiscal constraint	<input type="radio"/> a - Funding fully programmed <input type="radio"/> b - State match not available <input type="radio"/> c - Local match not available <input type="radio"/> d - Other	Comments:
<input type="checkbox"/> 03-Design schedule change	<input type="radio"/> a - Permit issue <input type="radio"/> b - CTDOT staffing issue <input type="radio"/> c - Local staffing issue <input type="radio"/> d - ROW issue <input type="radio"/> e - Other	Comments:
<input type="checkbox"/> 04-Revised cost estimate	<input type="radio"/> a - Increase due to inflation <input type="radio"/> b - Increase due to (specify) <input type="radio"/> c - Decrease due to (specify) <input type="radio"/> d - Other	Comments:
<input type="checkbox"/> 05-New project	<input type="radio"/> a - Project requested by (specify) <input type="radio"/> b - Copy of RPM attached	Comments:
<input type="checkbox"/> 06-New phase	<input type="radio"/> a - PE phase required <input type="radio"/> b - ROW phase required <input type="radio"/> c - CON phase required	Comments:
<input type="checkbox"/> 07-Administrative requirement	<input type="radio"/> a - Add AC entry <input type="radio"/> b - Other	Comments:
<input type="checkbox"/> 08-Delete phase	<input type="radio"/> a - Phase not required <input type="radio"/> b - Phase changed to State funds <input type="radio"/> c - Phase changed to Local funds <input type="radio"/> d - Other	Comments:
<input type="checkbox"/> 09-Delete project	<input type="radio"/> a - Not supported by State <input type="radio"/> b - Not supported by Region <input type="radio"/> c - Not supported by Town <input type="radio"/> d - Change to State funded <input type="radio"/> e - Change to Local funded <input type="radio"/> d - Other	Comments:
<input type="checkbox"/> 10-Correction		Comments:
<input type="checkbox"/> 11-Financing/Funding revision	<input type="radio"/> a - Due to project schedule <input type="radio"/> b - Due to funding availability <input type="radio"/> c - Other	Comments:

**STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION**



**PROJECT MEMORANDUM FOR
ENGINEERING**

DATE: 2/27/2023

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: **DOT01710496PE**
FD Project ID: **DOT01710496FD**
RW Project ID: **DOT01710496RW**
CN Project ID: **DOT01710496CN**

Please Review Project Information and Estimate for Approval:

Project Description (short): 25 (30 Characters)	D1 Retaining Walls Pod 1A
Project Description (long): 224 (254 Characters)	Replace, rehabilitate, or eliminate deficient retaining wall structures and inspect walls to replace, rehabilitate or eliminate within the area (POD) in various locations in a region designated Pod 1A, located in District 1.

Justification: 1255 (1333 Characters)	Retaining walls to be included are State owned, located on the Federal-Aid Highway System, within or adjacent to the State right-of-way, and are critical to the safe operation of the transportation facility. Many retaining walls inspected 10 or more years ago were found to have deficiencies that categorized them in poor condition needing rehabilitation or replacement. Our State's inventory was divided into 12 sections called PODS with similar numbers of retaining walls in each POD and along District borders to better organize construction packages geographically. Deficiencies include structural deterioration, settlement, or movement. An RSR for each wall will be done to determine the extent of the work and to coordinate with future highway needs at the wall locations. The project will address the following deficient walls in Pod 1A: RW-079-070-001, RW-033-099-001, RW-053-017-002, RW-053-017-004, RW-166-069-001, RW-063-091-005, RW-082-017-001. Other walls within the area designated as Pod 1A will be inspected as part of the project to identify walls that need rehabilitation or replacement. Retaining walls that are not currently in the State's inventory will be logged and inspected for deficiencies. The PE phase includes a PD/FD split. PPI #PP171-0032.
Project Manager: Jacob Booth	
Project Engineer: Sonya Wood	

Scope Code: RP 4	RP 4 - Miscellaneous Roadway Projects
Requested Schedule (Proj. Manager):	
<input checked="" type="checkbox"/> State ADV	ASAP
<input type="checkbox"/> Town ADV	6/19/2024
	10/15/2025
	11/26/2025
	12/24/2025
Assigned Schedule (Capital Planning):	
	PE(PD) Start
	Design Approval/FD/RW
	FDP
	DCD
	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	\$1,183,680	CT	\$8,673,530
FD	\$496,940	CG	\$0
Total	\$1,680,620	IN	\$0
		NI	\$0
		NF	\$0
		UT	\$0
		RF	\$0
		SF	\$0
		TF	\$0
		CM	\$0
Total	\$100,000	Total	\$8,673,530
Project Grand Total (Sum of Project Types) = \$10,454,150			

Submitted by: (sign & date)	Approved by: (sign & date)
Project Manager	Division Chief
Principal Engineer	Director of Capital Services - Darren E. Meyers

Project No	Region	Route	Town	Description	Project Manager
0170-3685	10, 13		STATEWIDE	PUMP STATION RISK ASSESSMENT	Giron, Zachary

Phase Year	FA CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021	2022	2023	2024	FYI
PL	2023 PRPL	123,699	98,959	24,740	0		0	0	98,959	0	0

Revision Code 05-New project

amendment Add new project. Balance with PRFP.

0170-3685 PL Phase Total: 123,699 Federal Share: 98,959 State Share: 24,740 Local Share: 0

Phase Year	FA CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021	2022	2023	2024	FYI
PL	2023 PRFP	276,301	221,041	55,260	0		0	0	221,041	0	0

Revision Code 05-New project

amendment Add new project. Balance with PRPL.

0170-3685 PL Phase Total: 276,301 Federal Share: 221,041 State Share: 55,260 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:



DATE: 2/27/2023

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

MOD # RPM

From: Emily Pysh

PE or PL Project ID: **DOT01703685PL**

FD Project ID:

RW Project ID:

CN Project ID:

Please Review Project Information and Estimate for Approval:

Project Description (short): 28 (30 Characters)	Pump Station Risk Assessment
Project Description (long): 251 (254 Characters)	This project will produce climate change risk and adaptation assessments of three flood prone segments of roadway, all of which currently include a pump station used for drainage which will be included in the analysis. Term thru 1/30/24; PAED 7/30/27.

Justification: 1103 (1333 Characters)	The Bipartisan Infrastructure Law authorized the Promoting Resilient Operations for Transformative, Efficient, and Cost-Saving Transportation (PROTECT) Formula Program in order to provide funds to help make surface transportation more resilient to weather events, natural disasters, and changing conditions. A CTDOT hired consultant will assess three flood prone segments of roadway, currently served by pump stations, to determine resilient and cost-effective alternatives for the locations. The three locations are: CT 372 at Farmington Avenue in Berlin, SR 649 at the rail underpass in Groton, and I-91 SB ramp near the CT Convention Center in Hartford. The analysis will include current and future flood conditions and propose more than one solution for each location. Due to this being the first assessment of this type, contingency has been included in the cost estimate. This project will use \$98,959 under FHWA Program Code Y810, which is a dedicated funding source for Planning activities under the PROTECT Formula Program, and \$221,041 under FHWA Program Code Y800. Billing order Y810, Y800.
Project Manager: Zachary Giron	
Project Engineer: Emily Pysh	

Scope Code: #N/A (Scope Code is only for a project w/CN phase)

Requested Schedule (Project Manager):	
<input type="checkbox"/> State ADV	ASAP PE(PD) or PL 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
PE or PL	\$400,000	CT	\$0
FD	\$0	CG	\$0
Total	\$400,000	IN	\$0
		NI	\$0
		NF	\$0
		UT	\$0
		RF	\$0
		SF	\$0
		TF	\$0
		CM	\$0
Project Type	EST Amount Requested	Total	\$0
RW	\$0		
Total	\$0		
Project Grand Total (Sum of Project Types) = \$400,000			

Submitted by: (sign & date)	Approved by: (sign & date)
Assistant Planning Director	Bureau Chief

Planning Director

Director of Capital Services - Darren E. Meyers

TIP/STIP~Action and Amendment Details

Project No	Region	Route	Town	Description	Project Manager
0042-0330	10	I-84/I-384	VARIOUS	REPLACE CAMERAS AND COMMUNICATION EQUIPMENT	Colangelo, Anthony

Phase	Year	FA CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021	2022	2023	2024	FYI
PD	2023	CMAQ	2,195,280	1,975,752	219,528	0		0	0	1,975,752	0	0

Revision Code	05-New project amendment											
	Add new project.											

0042-0330 PD	Phase Total:	2,195,280	Federal Share:	1,975,752	State Share:	219,528	Local Share:	0				
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Phase	Year	FA CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021	2022	2023	2024	FYI
FD	2024	CMAQ	1,463,520	1,317,168	146,352	0		0	0	0	1,317,168	1,317,168

Revision Code	05-New project amendment											
	Add new project.											

0042-0330 FD	Phase Total:	1,463,520	Federal Share:	1,317,168	State Share:	146,352	Local Share:	0				
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Phase	Year	FA CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021	2022	2023	2024	FYI
CN	FYI	CMAQ	0	0	0	0		0	0	0	0	0

Revision Code	07-Administrative requirement amendment											
	Add new project.											

0042-0330 CN	Phase Total:	0	Federal Share:	0	State Share:	0	Local Share:	0				
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Phase	Year	FA CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021	2022	2023	2024	FYI
CN	FYI	CMAQ	36,588,000	32,928,000	3,658,800	0		0	0	0	0	0

Revision Code	05-New project amendment											
	Add new project.											

0042-0330 CN	Phase Total:	36,588,000	Federal Share:	32,928,000	State Share:	3,658,800	Local Share:	0				
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|--|---|-----------|
| <input type="checkbox"/> 01-Move project to another year | <input type="radio"/> a - Funding limitations
<input type="radio"/> b - Outstanding ROW issue
<input type="radio"/> c - Outstanding Permit
<input type="radio"/> d - Other (Specify) | Comments: |
| <input type="checkbox"/> 02-Fiscal constraint | <input type="radio"/> a - Funding fully programmed
<input type="radio"/> b - State match not available
<input type="radio"/> c - Local match not available
<input type="radio"/> d - Other | Comments: |
| <input type="checkbox"/> 03-Design schedule change | <input type="radio"/> a - Permit issue
<input type="radio"/> b - CTDOT staffing issue
<input type="radio"/> c - Local staffing issue
<input type="radio"/> d - ROW issue
<input type="radio"/> e - Other | Comments: |
| <input type="checkbox"/> 04-Revised cost estimate | <input type="radio"/> a - Increase due to inflation
<input type="radio"/> b - Increase due to (specify)
<input type="radio"/> c - Decrease due to (specify)
<input type="radio"/> d - Other | Comments: |
| <input type="checkbox"/> 05-New project | <input type="radio"/> a - Project requested by (specify)
<input type="radio"/> b - Copy of RPM attached | Comments: |
| <input type="checkbox"/> 06-New phase | <input type="radio"/> a - PE phase required
<input type="radio"/> b - ROW phase required
<input type="radio"/> c - CON phase required | Comments: |
| <input type="checkbox"/> 07-Administrative requirement | <input type="radio"/> a - Add AC entry
<input type="radio"/> b - Other | Comments: |
| <input type="checkbox"/> 08-Delete phase | <input type="radio"/> a - Phase not required
<input type="radio"/> b - Phase changed to State funds
<input type="radio"/> c - Phase changed to Local funds
<input type="radio"/> d - Other | Comments: |
| <input type="checkbox"/> 09-Delete project | <input type="radio"/> a - Not supported by State
<input type="radio"/> b - Not supported by Region
<input type="radio"/> c - Not supported by Town
<input type="radio"/> d - Change to State funded
<input type="radio"/> e - Change to Local funded
<input type="radio"/> d - Other | Comments: |
| <input type="checkbox"/> 10-Correction | | Comments: |
| <input type="checkbox"/> 11-Financing/Funding revision | <input type="radio"/> a - Due to project schedule
<input type="radio"/> b - Due to funding availability
<input type="radio"/> c - Other | Comments: |
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**STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION**



**PROJECT MEMORANDUM FOR
MAINTENANCE**

DATE: 3/3/2023

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

MOD # RPM

From: J. Adams for Anthony Colangelo
PE or PL Project ID: **DOT00420330PE**
FD Project ID: **DOT00420330FD**
RW Project ID:
CN Project ID: **DOT00420330CN**

Please Review Project Information and Estimate for Approval:

Project Description (short): 28 (30 Characters)	84/384 East of Hartford CCTV
Project Description (long): 252 (254 Characters)	This project is proposed to replace cameras and communications equipment in the Hartford area with modern equipment on taller camera poles with camera lowering devices on I-84 East of Hartford and expand coverage on I-84 to Exit 69 and I-384 to Exit 3.

Justification: 764 (1333 Characters)	Cameras in the Hartford area were installed in the early-2000's. The ATMS equipment is nearing the end of its useful life and some components are no longer manufactured or available. FHWA has determined that this project is eligible for CMAQ funding in the category of reducing emissions related to traffic congestion. The replacements provide additional emissions benefits over the existing system by increasing queue and incident detection times and providing the CTDOT the ability to detect more incidents between camera locations. The extension of CCTV cameras on I-84 and I-384 will improve motorist information, monitor construction and maintenance work, perform highway information activities, and improve public safety. The PE phase includes a PD/FD split.
Project Manager: Anthony Colangelo	
Project Engineer: Robert Kennedy, Jr.	PPI# PP042-0021. CN phase initially proposed for phase financing over with funds split equally over FFYs 2025 and 2026.

Scope Code: **CI 3** CI 3 - Miscellaneous System Improvements (Scope Code is only for a project w/CN phase)

Requested Schedule (Project Manager):	
<input type="checkbox"/> State ADV	6/21/2023 PE(PD) or PL Start
<input type="checkbox"/> Town ADV	2/28/2024 Design Approval/FD/RW
	12/4/2024 FDP
	1/15/2025 DCD
	2/12/2025 ADV

Estimates Summary:		Project Type CN	
Project Type	EST Amount Requested	Activity	EST Amount Requested
PE or PL	\$2,195,280	CT	\$36,588,000
FD	\$1,463,520	CG	\$0
Total	\$3,658,800	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	\$36,588,000

Project Grand Total (Sum of Project Types) = \$40,246,800

Submitted by: (sign & date)	Approved by: (sign & date)
Manager	Bureau Chief - Paul T. Rizzo
Director / Administrator	Director of Capital Services - Darren E. Meyers

Project No	Region	Route	Town	Description	Project Manager
0174-0442	3, 5, 7, 10	VARIOUS	DISTRICT 4	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	2023	STPA	6,200,000	6,200,000	0	0		0	0	6,200,000	0	0

Revision Code	06-New phase amendment											
	Add new phase. This phase was previously programmed with 100% state funds, but is now being federalized based on funding availability.											

0174-0442 CN	Phase Total:	6,200,000	Federal Share:	6,200,000	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
 - 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: