Agenda Item Summary

To: Policy Board

From: Rob Aloise, Director of Planning

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

Meeting Date: March 22, 2023

Subject: TIP Amendments

Background: Each Metropolitan Planning Organization (MPO) is required to maintain a four-year Transportation Improvement Program (TIP), detailing all federal surface transportation funding. As part of maintaining this document, the MPO approves amendments as needed.

Benefit to Member Towns/CRCOG: The following projects are included:

1. Statewide Travel Demand Modeling: Greater CT Moderate
2. Statewide NEVI Program Phase 1 Administration
3. Statewide Resilience Improvement Plan and Vulnerability Assessment
4. District 1 – Replace, Rehab or Remove Retaining Walls in POD 1A
5. Statewide – Pump Station Risk Assessment
6. I-84 / I-384 – Replace Cameras and Communications Equipment
7. District 4 – Replace Traffic Control Signals at Various Locations

Financial/Operational Impact: See attached table and backup material for individual project funding details.

Project Schedule: See attached table and backup material for individual project schedule details.

Recommendation: CRCOG Staff recommends approval. The Transportation Committee will provide a recommendation at their meeting on March 20, 2023.

Attachments:

- TIP Amendment Summary Sheet
- Project Backup Materials as provided by CTDOT

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.

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

PROJECT MEMORANDUM

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)

Requested Schedule (Proj. Manager):		Assigned Schedule (Capital Planning):	
7/1/2023	**OP Start**	PE Auth	
	Design Approval/FD/RW	FD/RW Auth	
	FDP	FDP	
	DCD	DCD	
	ADV	ADV	

☐ State ADV
☐ Town ADV

Estimates Summary:

Project Type	EST Amount Requested
OP	$1,622,986
FD	$0
Total	**$1,622,986**

Project Type	EST Amount Requested
RW	$0
Total	**$0**

Project Type CN

Activity	EST Amount Requested
CT	$0
CG	$0
IN	$0
NI	$0
NF	$0
UT	$0
RF	$0
SF	$0
TF	$0
CM	$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**

Estimates for PL, PD, portion of PE, or total PE (if no PD/FD split): **RPM** **Project ID** **DOT01703667OP**

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
OP	TT0000	$1,298,388.80	12062	22108	ZCAQZ	$324,597.20	12001	12175	ZSTEZ				
PE													
PE													
PE													
		$1,298,388.80				$324,597.20				$0			
Total		**$1,622,986**											

Estimates for FD of PE portion: **RPM** **Project ID** **DOT01703667OP**

Proj Type	Activity	Federal Amount	Fed Fund	Fed SID	Source Type	State Amount	State Fund	State SID	Source Type	Other Amount	Other Fund	Other SID	Source Type
FD	PE0000												
FD													
FD													
FD													
		$0				$0				$0			
Total		**$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													
		$0				$0				$0			
Total		**$0**											

Estimates for Construction: **RPM** **Project ID** **0**

Proj Type	Activity	Federal Amount	Fed Fund	Fed SID	Source Type	State Amount	State Fund	State SID	Source Type	Other Amount	Other Fund	Other SID	Source Type
CN	CT0000												
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
		$0				$0				$0			
Total		**$0**											

To: Maribeth C. Wojenski
Bureau of Policy and Planning

TIP/STIP~Action and Amendment Details

2/27/2023

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

0170-3667 OTH **Phase Total:** 1,622,986 **Federal Share:** 1,298,389 **State Share:** 324,597 **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

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):

ASAP	**PE(PD) or PL Start**
	Design Approval/FD/RW
	FDP
	DCD
	ADV

☐ **State ADV**
☐ **Town ADV**

Estimates Summary:

Project Type	EST Amount Requested
PE or PL	$1,000,000
FD	$0
Total	**$1,000,000**

Project Type	EST Amount Requested
RW	$0
Total	**$0**

Project Type CN

Activity	EST Amount Requested
CT	$0
CG	$0
IN	$0
NI	$0
NF	$0
UT	$0
RF	$0
SF	$0
TF	$0
CM	$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**

Estimates for PL, PD, portion of PE, or total PE (if no PD/FD split): **RPM** **Project ID** **DOT01703682PL**

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
PL	SP0000	$800,000	12062	22108	ZEVFP	$200,000	13033	41404	ZSTEZ				
PE													
PE													
PE													
		$800,000				$200,000				$0			
Total		**$1,000,000**	80%	20%	0%	100%							
			Fed	State	Other	Total							

Estimates for FD of PE portion: **RPM** **Project ID** **0**

Proj Type	Activity	Federal Amount	Fed Fund	Fed SID	Source Type	State Amount	State Fund	State SID	Source Type	Other Amount	Other Fund	Other SID	Source Type
FD	PE0000												
FD													
FD													
FD													
		$0				$0				$0			
Total		**$0**	0%	0%	0%	0%							
			Fed	State	Other	Total							

Estimates for Rights of Way: **RPM** **Project ID** **0**

Proj Type	Activity	Federal Amount	Fed Fund	Fed SID	Source Type	State Amount	State Fund	State SID	Source Type	Other Amount	Other Fund	Other SID	Source Type
RW	RW0000												
RW													
RW													
RW													
		$0				$0				$0			
Total		**$0**	0%	0%	0%	0%							
			Fed	State	Other	Total							

Estimates for Construction: **RPM** **Project ID** **0**

Proj Type	Activity	Federal Amount	Fed Fund	Fed SID	Source Type	State Amount	State Fund	State SID	Source Type	Other Amount	Other Fund	Other SID	Source Type
CN	CT0000												
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
		$0				$0				$0			
Total		**$0**	0%	0%	0%	0%							
			Fed	State	Other	Total							

To: Maribeth C. Wojenski
Bureau of Policy and Planning

TIP/STIP~Action and Amendment Details

2/27/2023

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.

0170-3682 PL **Phase Total:** 1,000,000 **Federal Share:** 800,000 **State Share:** 200,000 **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:

To: Maribeth C. Wojenski
Bureau of Policy and Planning

TIP/STIP~Action and Amendment Details

2/27/2023

Project No	Region	Route	Town	Description	Project Manager
0170-3684	70		STATEWIDE	RESILIENCE IMPROVEMENT PLAN & VULNERABILITY ASSESSME	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.

0170-3684 PL **Phase Total:** 750,000 **Federal Share:** 600,000 **State Share:** 150,000 **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:

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

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

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

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

☐ 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

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: **DOT01703684PL**
FD Project ID:
RW Project ID:
CN Project ID:

Please Review Project Information and Estimate for Approval:

Project Description (short): 27 (30 Characters)	Resilience Improvement Plan
Project Description (long): 174 (254 Characters)	Statewide Resilience Improvement Plan and vulnerability assessment under the PROTECT Formula Program. Term project with anticipated completion date of 4/30/24; PAED 10/29/27.
Justification: 903 (1333 Characters)	The Bipartisan Infrastructure Law (BIL) added the Promoting Resilient Operations for Transformative, Efficient, and Cost-Saving Transportation (PROTECT) Formula Program in Section 176(c) of Title 23, United States Code (23 U.S.C.). Under this program, States are encouraged to create a Resilience Improvement Plan to help inform decisions and allow for an increased Federal cost share for each listed project that receives PROTECT funding. The Resilience Improvement Plan will contain a vulnerability assessment of the State's transportation assets. Federal approval of this plan will allow municipalities within the State to receive increased Federal funding of 87% on projects prioritized within the plan that are selected to receive competitive PROTECT funds. This project will use FHWA Program Code Y810, which is a dedicated funding source for Planning activities under the PROTECT Formula Program.
Project Manager:	**Eric Runowicz**
Project Engineer:	

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

Requested Schedule (Project Manager):

ASAP	**PE(PD) or PL Start**
	Design Approval/FD/RW
	FDP
	DCD
	ADV

☐ **State ADV**
☐ **Town ADV**

Estimates Summary:

Project Type	EST Amount Requested
PE or PL	$750,000
FD	$0
Total	**$750,000**

Project Type	EST Amount Requested
RW	$0
Total	**$0**

Project Type CN

Activity	EST Amount Requested
CT	$0
CG	$0
IN	$0
NI	$0
NF	$0
UT	$0
RF	$0
SF	$0
TF	$0
CM	$0
Total	**$0**

Project Grand Total (Sum of Project Types) = $750,000

Submitted by: (sign & date)	**Approved by:** (sign & date)
Assistant Planning Director	**Bureau Chief**
Planning Director	**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	DOT01703684PL		
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
PL	SP0000	$600,000	12062	22108	ZPRPL	$150,000	13033	41404	ZSTEZ				
PE													
PE													
PE													
		$600,000				$150,000				$0			
	Total	**$750,000**	80% Fed	20% State	0% Other	100% Total							

Estimates for FD of PE portion:								RPM		Project ID	0		
Proj Type	Activity	Federal Amount	Fed Fund	Fed SID	Source Type	State Amount	State Fund	State SID	Source Type	Other Amount	Other Fund	Other SID	Source Type
FD	PE0000												
FD													
FD													
FD													
		$0				$0				$0			
	Total	**$0**	0% Fed	0% State	0% Other	0% Total							

Estimates for Rights of Way:								RPM		Project ID	0		
Proj Type	Activity	Federal Amount	Fed Fund	Fed SID	Source Type	State Amount	State Fund	State SID	Source Type	Other Amount	Other Fund	Other SID	Source Type
RW	RW0000												
RW													
RW													
RW													
		$0				$0				$0			
	Total	**$0**	0% Fed	0% State	0% Other	0% Total							

Estimates for Construction:								RPM		Project ID	0		
Proj Type	Activity	Federal Amount	Fed Fund	Fed SID	Source Type	State Amount	State Fund	State SID	Source Type	Other Amount	Other Fund	Other SID	Source Type
CN	CT0000												
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
		$0				$0				$0			
	Total	**$0**	0% Fed	0% State	0% Other	0% Total							

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

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

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

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

☐ 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: 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): (30 Characters)	D1 Retaining Walls Pod 1A
Project Description (long): (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: (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):		Assigned Schedule (Capital Planning):	
ASAP	**PE(PD) Start**	PE Auth	
6/19/2024	**Design Approval/FD/RW**	FD/RW Auth	
10/15/2025	**FDP**	FDP	
11/26/2025	**DCD**	DCD	
12/24/2025	**ADV**	ADV	

☑ **State ADV**
☐ **Town ADV**

Estimates Summary:

Project Type	EST Amount Requested
PE or PL	$1,183,680
FD	$496,940
Total	**$1,680,620**

Project Type	EST Amount Requested
RW	$100,000
Total	**$100,000**

Project Type CN

Activity	EST Amount Requested
CT	$8,673,530
CG	$0
IN	$0
NI	$0
NF	$0
UT	$0
RF	$0
SF	$0
TF	$0
CM	$0
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**

Estimates for PL, PD, portion of PE, or total PE (if no PD/FD split): **RPM** **Project ID** **DOT01710496PE**

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	$946,944	12062	22108	ZSTPA	$236,736	13033	41404	ZSTEZ				
PE													
PE													
PE													
		$946,944				$236,736				$0			
Total		**$1,183,680**											

Estimates for FD of PE portion: **RPM** **Project ID** **DOT01710496FD**

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	$397,552	12062	22108	ZSTPA	$99,388	13033	41404	ZSTEZ				
FD													
FD													
FD													
		$397,552				$99,388				$0			
Total		**$496,940**											

Estimates for Rights of Way: **RPM** **Project ID** **DOT01710496RW**

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	$80,000	12062	22108	ZSTPA	$20,000	13033	41404	ZSTEZ				
RW													
RW													
RW													
		$80,000				$20,000				$0			
Total		**$100,000**											

Estimates for Construction: **RPM** **Project ID** **DOT01710496CN**

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	$6,938,824	12062	22108	ZSTPA	$1,734,706	13033	41404	ZSTEZ				
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
		$6,938,824				$1,734,706				$0			
Total		**$8,673,530**											

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:

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

PROJECT MEMORANDUM

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):

ASAP	**PE(PD) or PL Start**
	Design Approval/FD/RW
	FDP
	DCD
	ADV

☐ **State ADV**
☐ **Town ADV**

Estimates Summary:

Project Type	EST Amount Requested
PE or PL	$400,000
FD	$0
Total	**$400,000**

Project Type	EST Amount Requested
RW	$0
Total	**$0**

Project Type CN

Activity	EST Amount Requested
CT	$0
CG	$0
IN	$0
NI	$0
NF	$0
UT	$0
RF	$0
SF	$0
TF	$0
CM	$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**

Estimates for PL, PD, portion of PE, or total PE (if no PD/FD split):								RPM		Project ID	DOT01703685PL		
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
PL	SP0000	$98,959	12062	22108	ZPRPL	$24,739.75	13033	41404	ZSTEZ				
PL	SP0000	$221,041	12062	22108	ZPRFP	$55,260.25	13033	41404	ZSTEZ				
PE													
PE													
		$320,000				$80,000				$0			
	Total	**$400,000**	80% Fed	20% State	0% Other	100% Total							

Estimates for FD of PE portion:								RPM		Project ID	0		
Proj Type	Activity	Federal Amount	Fed Fund	Fed SID	Source Type	State Amount	State Fund	State SID	Source Type	Other Amount	Other Fund	Other SID	Source Type
FD	PE0000												
FD													
FD													
FD													
		$0				$0				$0			
	Total	**$0**	0% Fed	0% State	0% Other	0% Total							

Estimates for Rights of Way:								RPM		Project ID	0		
Proj Type	Activity	Federal Amount	Fed Fund	Fed SID	Source Type	State Amount	State Fund	State SID	Source Type	Other Amount	Other Fund	Other SID	Source Type
RW	RW0000												
RW													
RW													
RW													
		$0				$0				$0			
	Total	**$0**	0% Fed	0% State	0% Other	0% Total							

Estimates for Construction:								RPM		Project ID	0		
Proj Type	Activity	Federal Amount	Fed Fund	Fed SID	Source Type	State Amount	State Fund	State SID	Source Type	Other Amount	Other Fund	Other SID	Source Type
CN	CT0000												
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
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CN													
CN													
CN													
CN													
CN													
CN													
		$0				$0				$0			
	Total	**$0**	0% Fed	0% State	0% Other	0% Total							

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

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

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

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

☐ 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 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):

	6/21/2023	PE(PD) or PL Start
	2/28/2024	Design Approval/FD/RW
☑ State ADV	12/4/2024	FDP
☐ Town ADV	1/15/2025	DCD
	2/12/2025	ADV

Estimates Summary:

Project Type	EST Amount Requested
PE or PL	$2,195,280
FD	$1,463,520
Total	**$3,658,800**

Project Type	EST Amount Requested
RW	$0
Total	**$0**

Project Type CN

Activity	EST Amount Requested
CT	$36,588,000
CG	$0
IN	$0
NI	$0
NF	$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**

Estimates for PL, PD, portion of PE, or total PE (if no PD/FD split):								RPM		Project ID		DOT00420330PE	
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	$1,975,752	12062	22108	ZCAQZ	$219,528	13033	41400	ZSTEZ				
PE													
PE													
PE													
		$1,975,752				$219,528				$0			
Total		**$2,195,280**	90% Fed	10% State	0% Other	100% Total							

Estimates for FD of PE portion:								RPM		Project ID		DOT00420330FD	
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	$1,317,168	12062	22108	ZCAQZ	$146,352	13033	41400	ZSTEZ				
FD													
FD													
FD													
		$1,317,168				$146,352				$0			
Total		**$1,463,520**	90% Fed	10% State	0% Other	100% Total							

Estimates for Rights of Way:								RPM		Project ID		0	
Proj Type	Activity	Federal Amount	Fed Fund	Fed SID	Source Type	State Amount	State Fund	State SID	Source Type	Other Amount	Other Fund	Other SID	Source Type
RW	RW0000												
RW													
RW													
RW													
		$0				$0				$0			
Total		**$0**	0% Fed	0% State	0% Other	0% Total							

Estimates for Construction:								RPM		Project ID		DOT00420330CN	
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	$32,929,200	12062	22108	ZCAQZ	$3,658,800	13033	41400	ZSTEZ				
CN													
CN													
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		$32,929,200				$3,658,800				$0			
Total		**$36,588,000**	90% Fed	10% State	0% Other	100% Total							

To: Maribeth C. Wojenski
Bureau of Policy and Planning

TIP/STIP~Action and Amendment Details

3/7/2023

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

☐ 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 Title: Installation of Traffic Control Signals in District 4

Project Number: 0174-0442

General Project Description: Project No. 0174-0442 will install new traffic control signal equipment, which may include span poles, mast arms, pedestals, signal heads, span wires, conduits, vehicle detectors, signing and pavement markings and/or will upgrade the pedestrian control features, which may include pedestrian countdown heads, sidewalk ramps and sidewalk extensions, to meet current department standards and will remove existing equipment, as needed, at each intersection. Installation of traffic control signal equipment will require excavation of existing equipment as well as excavation for new foundations (span pole, mast arm, pedestal, controller cabinet, etc.) and trenching (i.e. conduit) as required. In addition to excavation for traffic signal equipment, excavation will be required for sidewalk ramps that will be installed or reconstructed to meet current ADA standards. In areas of an intersection where there is existing signal equipment, excavation will take place in areas that have undergone extensive ground disturbance in the past. In areas of an intersection where there is no existing signal equipment, excavation may be in areas where there may not have been extensive ground disturbance in the past. There is significantly less than one acre of disturbance for each location.

The intersections below consist of new signal equipment being installed at existing signalized locations:

- East Granby – Route 20 (Rainbow Rd.) at Kripes Rd. – Int. #039-211
- East Granby – Route 20 (Rainbow Rd.) at Hazelwood Rd. – Int. #039-212
- Farmington – I-84 Eastbound Ramps at Fienemann Rd. and Batterson Park Rd. #1 – Int. #051-223
- Prospect – Route 68 (Union City Rd.) at Straitsville Rd. and Old Schoolhouse Rd. – Int. #114-205
- Prospect – Route 69 (Waterbury Rd.) at Scott Rd. – Int. #114-206
- Seymour – Route 67 (New Haven Rd.) at S.R. 721 (North St.) and North St. – Int. #124-209
- Seymour – Route 67 (New Haven Rd.) at Skokorat Rd. and Beach St. – Int. #124-221
- Seymour – Route 67 (New Haven Rd.) at Route 8 Southbound Off Ramp #49A (Easterly) – Int. #124-223
- ~~Simsbury – Route 10/U.S. Route 202 (Hopmeadow St.) at Route 315 (Tariffville Rd.) – Int. #128-237~~ To be removed
- Thomaston – Route 222 (East Main St.) at Route 8 Southbound Ramps – Int. #140-211
- Torrington – Route 4 (Migeon Ave. & North Elm St.) at Migeon Ave. – Int. #143-242

The intersection below consists of new signal equipment being installed at an existing unsignalized location:

- Harwinton – Route 4 (Burlington Rd.) at Route 72 (Terryville Rd.) and Woodchuck Lane – Int. #065-209

The intersections below consist of revisions to the existing signal equipment:

- East Granby – Route 20 (Rainbow Rd.) at International Dr. and Bradley Park Rd. – Int. #039-202
- ~~Simsbury – Route 10/U.S. Route 202 (Hopmeadow St.) at Hoskins Rd. – Int. #128-245~~ To be removed