

**TIP Amendments (FFY 2021-2024 TIP)**

For Review by the CROG Transportation Committee on April 26th, 2021 and the Policy Board on April 28th, 2021

ID #	Funding Program	Proj. No.	Route or System	Town or Area	Description	Phase	Year	Total \$ (000s)	Fed \$ (000s)	State \$ (000s)	Local \$ (000s)	Comments
1a	Transportation Alternative Program - Hartford	0088-0198	Trail	New Britain	Beeline Trail (Phase 1) - Construction of Multi-Use Trail along CT 72 Corridor	PD	2021	185	148	0	37	New Project
1b	Transportation Alternative Program - Hartford	0088-0198	Trail	New Britain	Beeline Trail (Phase 1) - Construction of Multi-Use Trail along CT 72 Corridor	ROW	2023	50	40	0	10	New Project
1c	Transportation Alternative Program - Hartford	0088-0198	Trail	New Britain	Beeline Trail (Phase 1) - Construction of Multi-Use Trail along CT 72 Corridor	FD	2023	185	148	0	37	New Project
1d	Transportation Alternative Program - Hartford	0088-0198	Trail	New Britain	Beeline Trail (Phase 1) - Construction of Multi-Use Trail along CT 72 Corridor	CON	2023	2,400	1,920	0	480	New Project
2a	STP Anywhere	0174-0443	Various	District 4	Traffic Signal LED Re-Lamping	PD	2021	112	89	22	0	New Project
2b	STP Anywhere	0174-0443	Various	District 4	Traffic Signal LED Re-Lamping	FD	2022	94	75	19	0	New Project
2c	STP Anywhere	0174-0443	Various	District 4	Traffic Signal LED Re-Lamping	CON	2022	1,828	1,462	366	0	New Project
3	STP Anywhere	0171-0455	Various	District 1	Replace Traffic Control Signals at Various Locations	CON	2022	4,350	4,350	0	0	New Project
4	Congestion Mitigation & Air Quality	0093-0243		Newington	EV Chargers at State Agencies	PL	2021	500	400	100	0	New Project

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

**TIP/STIP~Action and Amendment Details**

Project No	Region	Route	Town	Description	Project Manager
0088-0198	10	TRAIL	NEW BRITAIN	BEELINE TRAIL (PHASE 1) - CONSTRUCT MULTI-USE TRAIL ALONG CT 72 CORRIDOR	Roberts, Scott (860) 594-3232

Phase Year	FA CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021	2022	2023	2024	FYI
PD	2021 TAPH	185,000	148,000	0	37,000		148,000	0	0	0	0

Revision Code 05-New project

amendment Add new project.

0088-0198 PD Phase Total: 185,000 Federal Share: 148,000 State Share: 0 Local Share: 37,000

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

Revision Code 05-New project

amendment Add new project.

0088-0198 RW Phase Total: 50,000 Federal Share: 40,000 State Share: 0 Local Share: 10,000

Phase Year	FA CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021	2022	2023	2024	FYI
FD	2023 TAPH	185,000	148,000	0	37,000		0	0	148,000	0	0

Revision Code 05-New project

amendment Add new project.

0088-0198 FD Phase Total: 185,000 Federal Share: 148,000 State Share: 0 Local Share: 37,000

Phase Year	FA CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021	2022	2023	2024	FYI
CN	2024 TAPH	2,400,000	1,920,000	0	480,000		0	0	0	1,920,000	1,920,000

Revision Code 05-New project

amendment Add new project.

0088-0198 CN Phase Total: 2,400,000 Federal Share: 1,920,000 State Share: 0 Local Share: 480,000

**STATE OF CONNECTICUT  
DEPARTMENT OF TRANSPORTATION**



**PROJECT MEMORANDUM FOR  
ENGINEERING - NO PPI**

DATE: 3/29/21

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

MOD #                      RPM                     

From:                      Scott A. Roberts/VHB-CLE  
PE Project ID: **DOT00880198PE**  
FD Project ID: **DOT00880198FD**  
RW Project ID: **DOT00880198RW**  
CN Project ID: **DOT00880198CN**

*Please Review Project Information and Estimate for Approval:*

<b>Project Description (short):</b> 22 (30 Characters)	Beeline Trail, Phase 1
<b>Project Description (long):</b> 156 (254 Characters)	The Beeline Trail, Phase 1 bike/ped project will construct a section of multi-use trail along the CT Route 72 corridor in the heart of downtown New Britain.

<b>Justification:</b> 604 (1333 Characters)	This project was selected by CTDOT in 2020, as a result of a 2019 solicitation, for funding under the Transportation Alternatives Program. The Beeline Trail, Phase 1 project will construct a bituminous concrete surface multi-use trail, retaining walls and a small rest area with landscaping along the Route 72 corridor. A PE phase is being established for the Municipality's design costs only. The PE phase includes a PD/FD split. CTDOT and CLE oversight charges during design to be covered under projects DOT01703439PE (federally eligible activities) and DOT01703442PE (federally ineligible activities).
<b>Project Manager:</b> Scott A. Roberts	The demand deposit amount for the CN phase is a placeholder value for purposes of establishing ZDDCZ coding in Core-CT.
<b>Project Engineer:</b> James F. Kulpa, VHB	

**Scope Code:** **UL 2** UL 2 - Local Enhancement program

<input type="checkbox"/> State ADV <input checked="" type="checkbox"/> Town ADV	<b>Requested Schedule (Proj. Manager):</b>		<b>Assigned Schedule (Capital Planning):</b>	
	<b>ASAP</b>	<b>PE(PD) Start</b>	PE Auth	
	<b>12/14/22</b>	<b>Design Approval/FD/RW</b>	FD/RW Auth	
	<b>7/3/24</b>	<b>FDP</b>	FDP	
	<b>7/31/24</b>	<b>DCD</b>	DCD	
	<b>8/28/24</b>	<b>ADV</b>	ADV	

Estimates by Activity (Minor Phase):							
Total EST in Core-CT	Estimate in Core-CT for RPM/MOD #	EST Amount Requested	Activity	Activity	Total EST in Core-CT	Estimate in Core-CT for RPM / MOD#	EST Amount Requested
\$0	\$0	\$370,000	PE	CT	\$0	\$0	\$2,400,000
\$0	\$0	\$0	NF	CG	\$0	\$0	\$0
<b>\$0</b>	<b>\$0</b>	<b>\$370,000</b>		IN	\$0	\$0	\$0
				NI	\$0	\$0	\$0
				NF	\$0	\$0	\$0
				UT	\$0	\$0	\$0
				RF	\$0	\$0	\$0
				SF	\$0	\$0	\$0
				TF	\$0	\$0	\$0
				CM	\$0	\$0	\$0
<b>\$0</b>	<b>\$0</b>	<b>\$50,000</b>			<b>\$0</b>	<b>\$0</b>	<b>\$2,400,000</b>

<b>Preceding MOD #</b>		<b>Current MOD #</b>	<b>RPM</b>	<b>Total EST Amount in Core-CT</b>	
<b>Preceding MOD Amt</b>	<b>\$0</b>	<b>Current MOD Amt</b>	<b>\$0</b>	<b>for All Phases</b>	<b>\$0</b>

<b>Submitted by:</b> (sign & date)	<b>Approved by:</b> (sign & date)
Principal Engineer - Hugh H. Hayward	Assistant Chief Engineer - James A. Fallon
Division Chief - Michael N. Calabrese	Director of Capital Services - Darren E. Meyers



**TIP/STIP~Action and Amendment Details**

Project No	Region	Route	Town	Description	Project Manager
0174-0443	74	VARIOUS	DISTRICT 4	TRAFFIC SIGNAL LED RE-LAMPING	Palmer, Greg

Phase Year	FA CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021	2022	2023	2024	FYI
PD	2021 STPA	111,500	89,200	22,300	0		89,200	0	0	0	0

<b>Revision Code</b>	05-New project										
amendment	Add new project.										

0174-0443 PD	<b>Phase Total:</b>	111,500	<b>Federal Share:</b>	89,200	<b>State Share:</b>	22,300	<b>Local Share:</b>	0			
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Phase Year	FA CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021	2022	2023	2024	FYI
FD	2022 STPA	93,500	74,800	18,700	0		0	74,800	0	0	0

<b>Revision Code</b>	05-New project										
amendment	Add new project.										

0174-0443 FD	<b>Phase Total:</b>	93,500	<b>Federal Share:</b>	74,800	<b>State Share:</b>	18,700	<b>Local Share:</b>	0			
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Phase Year	FA CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021	2022	2023	2024	FYI
CN	2022 STPA	1,828,000	1,462,400	365,600	0		0	1,462,400	0	0	0

<b>Revision Code</b>	05-New project										
amendment	Add new project.										

0174-0443 CN	<b>Phase Total:</b>	1,828,000	<b>Federal Share:</b>	1,462,400	<b>State Share:</b>	365,600	<b>Local Share:</b>	0			
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**STATE OF CONNECTICUT  
DEPARTMENT OF TRANSPORTATION**



**PROJECT MEMORANDUM FOR  
ENGINEERING**

DATE: 3/29/21

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: **DOT01740443PE**  
FD Project ID: **DOT01740443FD**  
RW Project ID:                       
CN Project ID: **DOT01740443CN**

*Please Review Project Information and Estimate for Approval:*

<b>Project Description (short):</b> 28 (30 Characters)	Traffic Signal LED Relamping
<b>Project Description (long):</b> 252 (254 Characters)	Traffic signal LED re-lamping project in District 4 to keep signals functioning in a state of good repair & to provide additional enhancements if applicable, e.g. installing backplates with yellow retroreflective borders & replacing span-mounted signs.

<b>Justification:</b> 1008 (1333 Characters)	This project will replace existing LED lamps with new LED lamps at traffic signals on various State highways at State-owned intersections in District 4. The life expectancy of a LED lamp is approximately 8 years, so this project will proactively replace lamps in order to keep traffic signals functioning in a state of good repair. The project will also provide the following enhancements where applicable: replace circular red LED lamps with red arrow LED lamps at locations that are not currently in compliance with MUTCD requirements; replace circular green LED lamps with vertical green arrow LED lamps at eligible exit ramps to provide extra emphasis against a wrong way driving movement; install backplates with yellow retroreflective borders on signal heads with existing, non-retroreflective backplates; replace sheet aluminum signs that are mounted on span wires or mast arms; replace existing pedestrian signal lamps with countdown LED pedestrian signal lamps. The PE phase includes a PD/FD split.
<b>Project Manager:</b> <b>Gregory Palmer</b>	PPI# 174-0011. It is anticipated that there will be a breakout CN project for those locations where LED lamps will be replaced in kind without additional enhancements. These locations will be determined once PE funding has been established and an RPM for the project will be requested with an FDP approximately four weeks before the parent project FDP. Design approval and PE/FD would be the same for both projects.
<b>Project Engineer:</b> <b>Daniel Veronesi</b>	

<b>Scope Code:</b> <b>ST 4</b>	<b>ST 4 - Signalization Improvements</b>
<b>Requested Schedule (Proj. Manager):</b>	
<input checked="" type="checkbox"/> State ADV	<b>6/16/21 PE(PD) Start</b>
<input type="checkbox"/> Town ADV	<b>1/26/22 Design Approval/FD/RW</b>
	<b>3/30/22 FDP</b>
	<b>5/11/22 DCD</b>
	<b>6/8/22 ADV</b>
<b>Assigned Schedule (Capital Planning):</b>	
	PE Auth <u>                    </u>
	FD/RW Auth <u>                    </u>
	FDP <u>                    </u>
	DCD <u>                    </u>
	ADV <u>                    </u>

<b>Estimates Summary:</b>		<b>Project Type CN</b>	
<b>Project Type</b>	<b>EST Amount Requested</b>	<b>Activity</b>	<b>EST Amount Requested</b>
PE or PL	\$111,500	CT	\$1,828,000
FD	\$93,500	CG	\$0
<b>Total</b>	<b>\$205,000</b>	IN	\$0
		NI	\$0
		NF	\$0
		UT	\$0
<b>Project Type</b>	<b>EST Amount Requested</b>	RF	\$0
RW	\$0	SF	\$0
<b>Total</b>	<b>\$0</b>	TF	\$0
		CM	\$0
		<b>Total</b>	<b>\$1,828,000</b>
<b>Project Grand Total (Sum of Project Types) = \$2,033,000</b>			

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



**TIP/STIP~Action and Amendment Details**

Project No	Region	Route	Town	Description	Project Manager
0171-0455	10	VARIOUS	DISTRICT 1	REPLACE TRAFFIC CONTROL SIGNALS AT VARIOUS LOCATIONS	Palmer, Greg

Phase Year	FA CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021	2022	2023	2024	FYI
RW	2021 STPA	120,000	120,000	0	0		120,000	0	0	0	0

Revision Code 05-New project

amendment Add new project. Was in the 2018 STIP.

0171-0455 RW Phase Total: 120,000 Federal Share: 120,000 State Share: 0 Local Share: 0

Phase Year	FA CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021	2022	2023	2024	FYI
FD	2021 STPA	443,000	443,000	0	0		443,000	0	0	0	0

Revision Code 05-New project

amendment Add new project. Was in the 2018 STIP.

0171-0455 FD Phase Total: 443,000 Federal Share: 443,000 State Share: 0 Local Share: 0

Phase Year	FA CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021	2022	2023	2024	FYI
CN	2022 STPA	4,350,000	4,350,000	0	0		0	4,350,000	0	0	0

Revision Code 05-New project

amendment Add new project. Was in the 2018 STIP.

0171-0455 CN Phase Total: 4,350,000 Federal Share: 4,350,000 State Share: 0 Local Share: 0



Project No	Region	Route	Town	Description	Project Manager
0093-0243	10		NEWINGTON	EV CHARGERS AT STATE AGENCIES	Andrews, Jon (860) 594-2792

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

Revision Code	05-New project amendment	Add new project.
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0093-0243 PL	Phase Total:	500,000	Federal Share:	400,000	State Share:	100,000	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:

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- 02-Fiscal constraint
  - a - Funding fully programmed
  - b - State match not available
  - c - Local match not available
  - d - Other
 Comments:

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- 03-Design schedule change
  - a - Permit issue
  - b - CTDOT staffing issue
  - c - Local staffing issue
  - d - ROW issue
  - e - Other
 Comments:

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- 04-Revised cost estimate
  - a - Increase due to inflation
  - b - Increase due to (specify)
  - c - Decrease due to (specify)
  - d - Other
 Comments:

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- 05-New project
  - a - Project requested by (specify)
  - b - Copy of RPM attached
 Comments:

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- 06-New phase
  - a - PE phase required
  - b - ROW phase required
  - c - CON phase required
 Comments:

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- 07-Administrative requirement
  - a - Add AC entry
  - b - Other
 Comments:

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- 08-Delete phase
  - a - Phase not required
  - b - Phase changed to State funds
  - c - Phase changed to Local funds
  - d - Other
 Comments:

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- 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:

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- 10-Correction
  -
 Comments:

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



DATE: 4/12/21

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

MOD #                      RPM

From:            J. Andrews / D. Elder / J. Trio  
PE or PL Project ID: **DOT00930243PL**  
FD Project ID:  
RW Project ID:  
CN Project ID:

*Please Review Project Information and Estimate for Approval:*

<b>Project Description (short):</b> 29 (30 Characters)	EV Chargers at State Agencies
<b>Project Description (long):</b> 245 (254 Characters)	Identification of Connecticut State Agency locations suitable for the installation of Electric Vehicle (EV) Charging Stations to support the State's fleet of vehicles, followed by design for identified locations. Term thru 9/30/23; PAED 3/30/27.

<b>Justification:</b> 1105 (1333 Characters)	Under CGS Sec. 4a-67d, 50% of all cars and light duty trucks purchased or leased by the State shall be alternative-fueled, hybrid electric or plug-in electric by 2030 in order to reduce vehicle emissions and improve Connecticut's air quality. To fully integrate EVs into an Agency's fleet, associated EV Charging Stations are needed for the vehicles. Initial funding under this project is being established to: 1) perform a site suitability analysis at 21 locations across the State in order to determine whether and how to proceed with the installation of EV Charging Stations at each location and 2) proceed with the design of EV Charging Stations for the four CTDOT Districts previously identified as suitable. As additional suitable locations and associated design costs are identified, the project budget will be modified accordingly. It is anticipated that this project will lead to multiple construction projects, with locations grouped together based on proximity, priority, and/or projected design completion date, and that construction will be accomplished through DAS Trade Labor Contracts.
<b>Project Manager:</b>  <b>Jon Andrews</b>	While Jon Andrews is being assigned as Project Manager, this initiative will require a great deal of effort and collaboration between CTDOT staff in Planning, Engineering, and Finance, as well as multiple State Agencies and FHWA, since this is a new type of initiative for all parties involved.
<b>Project Engineer:</b>	

<b>Scope Code:</b> <span style="background-color: yellow;">          </span> #N/A												
<table border="0" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <b>Requested Schedule (Proj. Manager):</b>   <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <input type="checkbox"/> <b>State ADV</b>   <input type="checkbox"/> <b>Town ADV</b> </div> <div style="width: 45%; text-align: center;"> <p><b>ASAP</b></p> <p><b>PL Start</b></p> <p><b>Design Approval/FD/RW</b></p> <p><b>FDP</b></p> <p><b>DCD</b></p> <p><b>ADV</b></p> </div> </div> </td> <td style="width: 50%; vertical-align: top;"> <b>Assigned Schedule (Capital Planning):</b>   <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>PE Auth</td><td>          </td></tr> <tr><td>FD/RW Auth</td><td>          </td></tr> <tr><td>FDP</td><td>          </td></tr> <tr><td>DCD</td><td>          </td></tr> <tr><td>ADV</td><td>          </td></tr> </table> </td> </tr> </table>	<b>Requested Schedule (Proj. Manager):</b>  <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <input type="checkbox"/> <b>State ADV</b>   <input type="checkbox"/> <b>Town ADV</b> </div> <div style="width: 45%; text-align: center;"> <p><b>ASAP</b></p> <p><b>PL Start</b></p> <p><b>Design Approval/FD/RW</b></p> <p><b>FDP</b></p> <p><b>DCD</b></p> <p><b>ADV</b></p> </div> </div>	<b>Assigned Schedule (Capital Planning):</b>  <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>PE Auth</td><td>          </td></tr> <tr><td>FD/RW Auth</td><td>          </td></tr> <tr><td>FDP</td><td>          </td></tr> <tr><td>DCD</td><td>          </td></tr> <tr><td>ADV</td><td>          </td></tr> </table>	PE Auth		FD/RW Auth		FDP		DCD		ADV	
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PE Auth												
FD/RW Auth												
FDP												
DCD												
ADV												

<b>Estimates Summary:</b>		<b>Project Type CN</b>	
<b>Project Type</b>	<b>EST Amount Requested</b>	<b>Activity</b>	<b>EST Amount Requested</b>
PE or PL	\$500,000	CT	\$0
FD	\$0	CG	\$0
<b>Total</b>	<b>\$500,000</b>	IN	\$0
		NI	\$0
		NF	\$0
		UT	\$0
<b>Project Type</b>	<b>EST Amount Requested</b>	RF	\$0
RW	\$0	SF	\$0
<b>Total</b>	<b>\$0</b>	TF	\$0
		CM	\$0
		<b>Total</b>	<b>\$0</b>
<b>Project Grand Total (Sum of Project Types) = \$500,000</b>			

<b>Submitted by:</b> (sign & date)	<b>Approved by:</b> (sign & date)
Principal Engineer	Assistant Chief Engineer - James A. Fallon
Division Chief	Director of Capital Services - Darren E. Meyers

