

For Review by the CRCOG Transportation Committee on  
October 25th, 2021 and the Policy Board on October 27th, 2021

ID #	Funding Program	Proj. No.	Route or System	Town or Area	Description	Phase	Year	Total \$ (000s)	Fed \$ (000s)	State \$ (000s)	Local \$ (000s)	Comments
1	STP Springfield	0011-0158	CT 185	Bloomfield	Rehab Bridge 05576 (Culvert) over Tumble Brook	CON	2022	1,850	1,480	370	0	New Project
2a	STP Anywhere	0171-0471	Various	District 1	Replace Traffic Control Signals at Various Locations	PD	2022	631	631	0	0	New Project
2b	STP Anywhere	0171-0471	Various	District 1	Replace Traffic Control Signals at Various Locations	FD	2023	517	517	0	0	New Project
2c	STP Anywhere	0171-0471	Various	District 1	Replace Traffic Control Signals at Various Locations	ROW	2023	140	140	0	0	New Project
3a	STP Anywhere	0172-0513	Various	District 2	Replace Traffic Control Signals at Various Locations	PD	2022	473	473	0	0	New Project
3b	STP Anywhere	0172-0513	Various	District 2	Replace Traffic Control Signals at Various Locations	FD	2023	406	406	0	0	New Project
3c	STP Anywhere	0172-0513	Various	District 2	Replace Traffic Control Signals at Various Locations	ROW	2023	110	110	0	0	New Project
<p>Due to the urgency of programming projects, some additional projects may be added prior to the meeting.</p>												

## TIP/STIP~Action and Amendment Details

9/28/21

Project No	Region	Route	Town	Description	Project Manager
0011-0158	10	CT 185	BLOOMFIELD	REHAB BR 05576 (CULVERT) o/ TUMBLE BROOK	Reed, Bryan (860) 594-3418

Phase	Year	FA CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021	2022	2023	2024	FYI
CN	2022	STPS	1,850,000	1,480,000	370,000	0		0	1,480,000	0	0	0

Revision Code 05-New project

action Add new project. This project was previously included in the Bridge Report (under STPA-BRX). However, now that the funding source has been changed to STPS, an entry is needed in the STIP.

0011-0158 CN Phase Total: 1,850,000 Federal Share: 1,480,000 State Share: 370,000 Local Share: 0

<input type="checkbox"/> 01-Move project to another year	<input type="radio"/> a - Funding limitations <input type="radio"/> b - Outstanding ROW issue <input type="radio"/> c - Outstanding Permit <input type="radio"/> d - Other (Specify)	Comments:
<input type="checkbox"/> 02-Fiscal constraint	<input type="radio"/> a - Funding fully programmed <input type="radio"/> b - State match not available <input type="radio"/> c - Local match not available <input type="radio"/> d - Other	Comments:
<input type="checkbox"/> 03-Design schedule change	<input type="radio"/> 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"/> 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: 10/5/21

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: **DOT01710471PE**  
FD Project ID: **DOT01710471FD**  
RW Project ID: **DOT01710471RW**  
CN Project ID: **DOT01710471CN**

*Please Review Project Information and Estimate for Approval:*

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

<b>Justification:</b> 199 (1333 Characters)	Funding is required to replace traffic control signals to meet current standards at various locations in District 1. PE estimate includes a PD/FD Split. Project is eligible for 100% Federal funding.
<b>Project Manager:</b> Gregory Palmer	PPI # PP171-0013. CN phase to draw funds from FY24 FIF-Roadway "Sgnl-Pres" and "Sgnl-Impr" placeholders in OBL.
<b>Project Engineer:</b> Daniel Veronesi	

<b>Scope Code:</b> ST 4	ST 4 - Signalization Improvements
<div> <div> <input checked="" type="checkbox"/> State ADV  <input type="checkbox"/> Town ADV </div> <div> <b>Requested Schedule (Proj. Manager):</b>  2/23/22 PE(PD) Start  6/7/23 Design Approval/FD/RW  6/26/24 FDP  8/7/24 DCD  9/4/24 ADV </div> </div> <div> <b>Assigned Schedule (Capital Planning):</b>  PE Auth  FD/RW Auth  FDP  DCD  ADV </div>	

Estimates Summary:		Project Type CN	
Project Type	EST Amount Requested	Activity	EST Amount Requested
PE or PL	\$631,000	CT	\$8,000,000
FD	\$516,500	CG	\$0
		IN	\$0
		NI	\$0
		NF	\$0
		UT	\$0
		RF	\$0
		SF	\$0
		TF	\$0
		CM	\$0
<b>Total</b>	<b>\$1,147,500</b>	<b>Total</b>	<b>\$8,000,000</b>
<b>Project Type</b>	<b>EST Amount Requested</b>		
RW	\$140,000		
<b>Total</b>	<b>\$140,000</b>		
<b>Project Grand Total (Sum of Project Types) = \$9,287,500</b>			

<b>Submitted by:</b> (sign & date)	<b>Approved by:</b> (sign & date)
Project Manager - Gregory R. Palmer	Division Chief - Mark F. Carlino
Principal Engineer - Mark F. Makuch	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		DOT01710471PE			
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	\$631,000	12062	22108	ZSTPA									
PE														
PE														
PE														
		\$631,000					\$0					\$0		
Total		\$631,000												

Estimates for FD of PE portion:							RPM		Project ID		DOT01710471FD			
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	\$516,500	12062	22108	ZSTPA									
FD														
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FD														
		\$516,500					\$0					\$0		
Total		\$516,500												

Estimates for Rights of Way:								RPM		Project ID		DOT01710471RW		
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	\$140,000	12062	22108	ZSTPA									
RW														
RW														
RW														
		\$140,000					\$0					\$0		
Total		\$140,000												

Estimates for Construction:							RPM		Project ID		DOT01710471CN		
Proj Type	Activity	Federal Amount	Fed Fund	Fed SID	Source Type	State Amount	State Fund	State SID	Source Type	Other Amount	Other Fund	Other SID	Source Type
CN	CT0000					\$8,000,000	13033	43122	ZSTEZ				
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Location (ATLAS)

**Proposed Work Areas: (From ATLAS)**

Work Area ID	Total Area	Towns	District	MPO	COG	Urban Area	Population
8893	37137 Sq.Ft.	Berlin	1	Capital Region	Capital Region	Hartford, CT Urbanized Area	924859
8894	42319 Sq.Ft.	Berlin	1	Capital Region	Capital Region	Hartford, CT Urbanized Area	924859
8895	39865 Sq.Ft.	East Windsor	1	Capital Region	Capital Region	Springfield Urbanized Area	89711
8896	41223 Sq.Ft.	East Windsor	1	Capital Region	Capital Region	Springfield Urbanized Area	89711
8897	41393 Sq.Ft.	East Windsor	1	Capital Region	Capital Region	Springfield Urbanized Area	89711
8898	59685 Sq.Ft.	Glastonbury	1	Capital Region	Capital Region	Hartford, CT Urbanized Area	924859
8899	31532 Sq.Ft.	Meriden	1	South Central	South Central	New Haven, CT Urbanized Area	562839
8900	38656 Sq.Ft.	Rocky Hill	1	Capital Region	Capital Region	Hartford, CT Urbanized Area	924859
8901	38106 Sq.Ft.	South Windsor	1	Capital Region	Capital Region	Hartford, CT Urbanized Area	924859
8902	38764 Sq.Ft.	Vernon	1	Capital Region	Capital Region	Hartford, CT Urbanized Area	924859
8903	22994 Sq.Ft.	Vernon	1	Capital Region	Capital Region	Hartford, CT Urbanized Area	924859
8904	41576 Sq.Ft.	Wethersfield	1	Capital Region	Capital Region	Hartford, CT Urbanized Area	924859
8905	89412 Sq.Ft.	Windsor	1	Capital Region	Capital Region	Hartford, CT Urbanized Area	924859
8906	39096 Sq.Ft.	Cheshire, Waterbury, Wolcott		Central Naugatuck Valley	Naugatuck Valley	Waterbury, CT Urbanized Area	194535

## TIP/STIP~Action and Amendment Details

10/5/21

Project No	Region	Route	Town	Description	Project Manager
0171-0471	05, 08, 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
PD	2022	STPA	631,000	631,000	0	0		0	631,000	0	0	0

Revision Code 05-New project

amendment Add new project. CN phase is 100% state funded.

0171-0471 PD Phase Total: 631,000 Federal Share: 631,000 State Share: 0 Local Share: 0

Phase	Year	FA CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021	2022	2023	2024	FYI
RW	2023	STPA	140,000	140,000	0	0		0	0	140,000	0	0

Revision Code 05-New project

amendment Add new project. CN phase is 100% state funded.

0171-0471 RW Phase Total: 140,000 Federal Share: 140,000 State Share: 0 Local Share: 0

Phase	Year	FA CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021	2022	2023	2024	FYI
FD	2023	STPA	516,500	516,500	0	0		0	0	516,500	0	0

Revision Code 05-New project

amendment Add new project. CN phase is 100% state funded.

0171-0471 FD Phase Total: 516,500 Federal Share: 516,500 State Share: 0 Local Share: 0



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

MOD # \_\_\_\_\_ RPM

DATE: 10/5/21  
From: L. Zhang for Gregory Palmer  
PE or PL Project ID: DOT01720513PE  
FD Project ID: DOT01720513FD  
RW Project ID: DOT01720513RW  
CN Project ID: DOT01720513CN

*Please Review Project Information and Estimate for Approval:*

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

<b>Justification:</b> 209 (1333 Characters)	Funding is required to replace existing traffic control signals to meet current standards at various locations in District 2. PE estimate includes a PD/FD split. Project is eligible for 100% Federal funding.
<b>Project Manager:</b> Gregory Palmer	PPI # PP172-0017. CN phase to draw down off FY24 FIF-Roadway "Sgnl-Pres" and "Sgnl-Impr" placeholders in OBL. To be advertised with project 0049-0111.
<b>Project Engineer:</b> Daniel Veronesi	

<b>Scope Code:</b> ST 4	ST 4 - Signalization Improvements
<b>Requested Schedule (Proj. Manager):</b>	
<input checked="" type="checkbox"/> State ADV	1/12/22 PE(PD) Start
<input type="checkbox"/> Town ADV	4/26/23 Design Approval/FD/RW
	5/15/24 FDP
	6/26/24 DCD
	7/24/24 ADV
<b>Assigned Schedule (Capital Planning):</b>	
	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	\$473,000	CT	\$5,901,000
FD	\$406,000	CG	\$0
		IN	\$0
		NI	\$0
		NF	\$0
		UT	\$0
		RF	\$0
		SF	\$0
		TF	\$0
		CM	\$0
<b>Total</b>	<b>\$879,000</b>	<b>Total</b>	<b>\$5,901,000</b>
<b>Project Type</b>	<b>EST Amount Requested</b>		
RW	\$110,000		
<b>Total</b>	<b>\$110,000</b>		
<b>Project Grand Total (Sum of Project Types) = \$6,890,000</b>			

<b>Submitted by:</b> (sign & date)	<b>Approved by:</b> (sign & date)
Project Manager - Gregory R. Palmer	Division Chief - Mark F. Carlino
Principal Engineer - Mark F. Makuch	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		DOT01720513PE		
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	\$473,000	12062	22108	ZSTPA								
PE													
PE													
PE													
		\$473,000					\$0			\$0			
Total		\$473,000											

Estimates for FD of PE portion:							RPM		Project ID		DOT01720513FD		
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	\$406,000	12062	22108	ZSTPA								
FD													
FD													
FD													
		\$406,000					\$0			\$0			
Total		\$406,000											

Estimates for Rights of Way:							RPM		Project ID		DOT01720513RW		
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	\$110,000	12062	22108	ZSTPA								
RW													
RW													
RW													
		\$110,000					\$0			\$0			
Total		\$110,000											

Estimates for Construction:							RPM		Project ID		DOT01720513CN		
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					\$5,901,000	13033	43122	ZSTEZ				
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**Proposed Work Areas: (From ATLAS)**

Work Area ID	Total Area	Towns	District	MPO	COG	Urban Area	Population
8971	44432 Sq.Ft.	Mansfield	2	Capital Region	Capital Region	Willimantic, CT Urban Cluster	29669
8972	33103 Sq.Ft.	Mansfield	2	Capital Region	Capital Region	Willimantic, CT Urban Cluster	29669
8973	42792 Sq.Ft.	Mansfield	2	Capital Region	Capital Region	Willimantic, CT Urban Cluster	29669
8974	30869 Sq.Ft.	Mansfield	2	Capital Region	Capital Region	Willimantic, CT Urban Cluster	29669
8976	38676 Sq.Ft.	New London	2	Southeastern	Southeastern	Norwich--New London, CT--RI Urbanized Area	188041
8979	56038 Sq.Ft.	Plainfield	2	Northeastern	Northeastern	Worcester, MA--CT Urbanized Area	32928
8980	79222 Sq.Ft.	Portland	2	Lower CT River Valley	Lower CT River Valley	Hartford, CT Urbanized Area	924859
8981	33947 Sq.Ft.	Deep River	2	Lower CT River Valley	Lower CT River Valley		
9249	124323 Sq.Ft.	Stonington	2	Southeastern	Southeastern	Norwich--New London, CT--RI Urbanized Area	188041
9250	127754 Sq.Ft.	Westbrook	2	Lower CT River Valley	Lower CT River Valley	New Haven, CT Urbanized Area	562839
9251	41231 Sq.Ft.	Westbrook	2	Lower CT River Valley	Lower CT River Valley	New Haven, CT Urbanized Area	562839

## TIP/STIP~Action and Amendment Details

10/5/21

Project No	Region	Route	Town	Description	Project Manager
0172-0513	10, 11, 13, 1	VARIOUS	DISTRICT 2	REPLACE TRAFFIC CONTROL SIGNALS AT VARIOUS LOCATIONS	Palmer, Greg

Phase	Year	FA CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021	2022	2023	2024	FYI
PD	2022	STPA	473,000	473,000	0	0		0	473,000	0	0	0

Revision Code 05-New project

amendment Add new project. CN phase is 100% state funded.

0172-0513 PD Phase Total: 473,000 Federal Share: 473,000 State Share: 0 Local Share: 0

Phase	Year	FA CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021	2022	2023	2024	FYI
RW	2023	STPA	110,000	110,000	0	0		0	0	110,000	0	0

Revision Code 05-New project

amendment Add new project. CN phase is 100% state funded.

0172-0513 RW Phase Total: 110,000 Federal Share: 110,000 State Share: 0 Local Share: 0

Phase	Year	FA CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021	2022	2023	2024	FYI
FD	2023	STPA	406,000	406,000	0	0		0	0	406,000	0	0

Revision Code 05-New project

amendment Add new project. CN phase is 100% state funded.

0172-0513 FD Phase Total: 406,000 Federal Share: 406,000 State Share: 0 Local Share: 0

## **District 1 Signal Locations**

- 1.007-219 – Berlin – Route 372 (Mill St.) at Main St.
- 2.007-245 – Berlin – Route 160 (Deming Rd.) at Bacon Ln. & Eversource driveway
- 3.046-219 – East Windsor – Route 140 (North St.) at I-91 S.B. Ramps
- 4.046-220 – East Windsor – Route 140 (North St.) at I-91 N.B. Ramps
- 5.053-214 – Glastonbury – Route 17 at Main St. & Buttonball Ln.
- 6.079-244 – Meriden – Route 71 (Old Colony Rd.) at Hall Ave.
- 7.118-232 – Rocky Hill – Route 160 (New Britain Ave.) at Trinity Ridge Rd. & New Rd.
- 8.132-215 – South Windsor – Route 30 (Ellington Rd.) at Chapel Rd.
- 9.146-204 – Vernon – Route 83 (Talcottville Rd.) at Dart Hill Rd. & Regan Rd.
- 10.146-240 – Vernon – Route 83 (Talcottville Rd.) at Shoppes at Vernon Valley driveway & Briar Knoll Apartments driveway
- 11.159-216 – Wethersfield – Route 314 (Jordan Ln.) at Ridge Rd.
- 12.164-242 – Windsor – Route 187 (Blue Hills Ave.) at Day Hill Rd.
- 13.166-219 – Wolcott – S.R. 844 (Meriden Rd.) at Byam Rd. & Fairview Ave.
- 14.046-210 – East Windsor – Route 140 (North St.) at U.S. Route 5 (Prospect Hill Rd.)

## **District 2 Signal Locations**

1. 077-214 – Mansfield – Route 195 at S.R. 633 (South Frontage Rd.) at U.S. Route 6 EB On Ramp
2. 077-215 – Mansfield – Route 195 at S.R. 632 (North Frontage Rd.)
3. 077-224 – Mansfield – Route 195 at Drive to East Brook Mall
4. 077-238 – Mansfield – Route 195 at Storrs Road Plaza and Riverview Rd.
5. 137-210 - Stonington - Route 27 at Coogan Blvd. & I-95 NB Off Ramp
6. 094-211 – New London – Route 213 at Willetts Ave.
7. 154-207 - Westbrook - Route 153 at Norris Ave. #2, Flat Rock Pl., & I-95 NB Exit 65 Ramps
8. 154-208 - Westbrook - Route 153 at I-95 SB Exit 65 Ramps
9. 108-204 – Plainfield – Route 12 at Route 205 and Moosup Pond Rd.
10. 112-210 – Portland – Routes 17 & 66 at Airline Rd. and High St.
11. 122-205 – Deep River – Route 80 at Cedar Swamp Rd. and Westbrook Rd.