

Agenda Item Summary

To: Policy Board; Transportation Committee

From: Rob Aloise, Director of Transportation Planning

CC: Matt Hart, Executive Director

Meeting Date: 12/18/2024 (Transportation Committee: 12/16/2024)

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. Various—CTFastrak—BEB Deployment
2. District 1—I-91/CT 20—Replace Highway Sheet Aluminum Signs
3. Somers—RT 190/RT 83—Intersection Improvements
4. New Britain/Newington—CT 175/CT 9—Ramp Intersection Improvements
5. Hartford—Pulaski Circle—GHMP-Replace Existing Roadway w/Modern Roundabout
6. Hartford—I-84—GHMP-Ramp Closures and Traffic Signals Upgrades
7. Hartford—Various—GHMP-Pedestrian Improvements at Ramp Termini
8. East Hartford—Various—GHMP-Pedestrian Improvements at Ramp Termini
9. Various—US-5/US-15—Berlin Turnpike Corridor Planning Study

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 12/16/2024.

Attachments:

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

TIP Amendments (FFY 2025-2028 TIP)

For review by the CRCOG Transportation Committee on 12/16/2024
 For review by the CRCOG Policy Board on 12/18/2024

ID #	Funding Program	Proj. No.	Route or System	Town or Area	Description	Phase	Year	Total \$ (000s)	Fed \$ (000s)	State \$ (000s)	Local \$ (000s)	Comments
1A	5339P	0171-XXXXDI	CTFastrak	Various	CTFASTRAK LOW-NO DISC - BEB DEPLOYMENT	All	2025	31,250	25,000	6,250	0	ADD 5339P AND 5307P ENTRIES
1B	5307P	0171-XXXXDI	CTFastrak	Various	CTFASTRAK LOW-NO DISC - BEB DEPLOYMENT	All	2025	10,000	8,000	2,000	0	ADD 5339P AND 5307P ENTRIES
2	NHPP	0171-0483	I-91/CT 20	District 1	REPLACE HIGHWAY SHEET ALUMINUM SIGNS	CON	2025	2,715	2,715	0	0	INCREASE EST. FROM FED \$1.75M
3A	STPH	0129-0117	RT 190/RT 83	Somers	INTERSECTION IMPROVEMENTS	PD	2025	1,071	857	214	0	NEW PROJECT
3B	STPSP	0129-0117	RT 190/RT 83	Somers	INTERSECTION IMPROVEMENTS	PD	2025	29	23	6	0	NEW PROJECT
3C	STPH	0129-0117	RT 190/RT 83	Somers	INTERSECTION IMPROVEMENTS	FD	2027	900	720	180	0	NEW PROJECT
3D	STPH	0129-0117	RT 190/RT 83	Somers	INTERSECTION IMPROVEMENTS	ROW	2027	350	280	70	0	NEW PROJECT
3E	STPH	0129-0117	RT 190/RT 83	Somers	INTERSECTION IMPROVEMENTS	CON	2028	8,070	6,456	1,614	0	NEW PROJECT
4A	STPH	0093-0255	CT 175/CT 9	New Britain/Newington	RAMP INTERSECTION IMPROVEMENTS	PD	2025	850	680	170	0	NEW PROJECT
4B	STPH	0093-0255	CT 175/CT 9	New Britain/Newington	RAMP INTERSECTION IMPROVEMENTS	FD	2027	560	448	112	0	NEW PROJECT
4C	STPH	0093-0255	CT 175/CT 9	New Britain/Newington	RAMP INTERSECTION IMPROVEMENTS	ROW	2027	150	120	30	0	NEW PROJECT
4D	STPH	0093-0255	CT 175/CT 9	New Britain/Newington	RAMP INTERSECTION IMPROVEMENTS - AC ENTRY	CON	2028	0	0	0	0	NEW PROJECT
4E	STPH	0093-0255	CT 175/CT 9	New Britain/Newington	RAMP INTERSECTION IMPROVEMENTS - AC CONVERSION	CON	2028	625	500	125	0	NEW PROJECT
4F	STPH	0093-0255	CT 175/CT 9	New Britain/Newington	RAMP INTERSECTION IMPROVEMENTS - AC CONVERSION	CON	FYI	5,600	4,480	1,120	0	NEW PROJECT
5A	STPH	0063-0743	PULASKI CIRCLE	Hartford	GHMP - REPLACE EXISTING ROADWAY w/ MODERN ROUNDABOUT	PD	2025	2,000	1,600	400	0	NEW PROJECT
5B	STPH	0063-0743	PULASKI CIRCLE	Hartford	GHMP - REPLACE EXISTING ROADWAY w/ MODERN ROUNDABOUT	FD	2027	1,500	1,200	300	0	NEW PROJECT
5C	STPH	0063-0743	PULASKI CIRCLE	Hartford	GHMP - REPLACE EXISTING ROADWAY w/ MODERN ROUNDABOUT	ROW	2028	50	40	10	0	NEW PROJECT
5D	STPH	0063-0743	PULASKI CIRCLE	Hartford	GHMP - REPLACE EXISTING ROADWAY w/ MODERN ROUNDABOUT - AC ENTRY	CON	FYI	0	0	0	0	NEW PROJECT
5E	STPH	0063-0743	PULASKI CIRCLE	Hartford	GHMP - REPLACE EXISTING ROADWAY w/ MODERN ROUNDABOUT - AC CONVERSION	CON	FYI	25,000	20,000	5,000	0	NEW PROJECT
6A	STPA	0063-0742	I-84	Hartford	GHMP - RAMP CLOSURES AND TRAFFIC SIGNAL UPGRADES	PD	2025	600	480	120	0	NEW PROJECT
6B	STPA	0063-0742	I-84	Hartford	GHMP - RAMP CLOSURES AND TRAFFIC SIGNAL UPGRADES	FD	2027	500	400	100	0	NEW PROJECT
6C	STPA	0063-0742	I-84	Hartford	GHMP - RAMP CLOSURES AND TRAFFIC SIGNAL UPGRADES	ROW	2027	150	120	30	0	NEW PROJECT
7	CRPH	0063-0741	VARIOUS	Hartford	GHMP - PEDESTRIAN IMPROVEMENTS AT RAMP TERMINI	CON	2028	3,900	3,120	780	0	NEW PROJECT
8	CRPH	0042-0332	VARIOUS	East Hartford	GHMP - PEDESTRIAN IMPROVEMENTS AT RAMP TERMINI	CON	2028	6,100	4,880	1,220	0	NEW PROJECT
9	RAISE	0171-RAISEFY24	US-5/US-15	VARIOUS	BERLIN TURNPIKE CORRIDOR PLANNING STUDY	PL	2025	2,500	2,000	300	200	NEW PROJECT

TIP ACTION OR AMENDMENT FORM

PROJECT NO.

PROJECT MANAGER
 PHONE/E-mail:

DATE:

PROJECT DESCRIPTION CTFastrak BATTERY ELECTRIC BUS (BEB) DEPLOYMENT

REASON FOR ACTION OR AMENDMENT REQUEST

check those that apply COMMENT section needs to be completed

01 - Move from one year in the STIP to another	Funding limitations Outstanding ROW issue Outstanding Permit issue Other (SPECIFY)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
02 - Fiscal Constraint issues	Funding category fully programmed State match not available Local match not available	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
03- Design schedule change	Permit issue ConnDOT staffing issue Local staffing issue ROW issue Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
04- Revised cost estimates	Increase due to inflation Increase due to cost of (SPECIFY) Decrease due to (SPECIFY) Other	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The Department was awarded discretionary funding through FTA's FY 2024 Section 5339 Low or No Emission Vehicle program. This STIP request will include the remaining project funding, comprised of Section 5339 Formula carryover and Section 5307 Formula carryover funding. The CTfastrak Battery Electric Bus Deployment Project will aid in CTDOT's project of converting CTfastrak to an all-electric bus fleet. The overall project includes purchasing and deploying (46) battery-electric buses (BEB) for service on CTfastrak routes out of the CTtransit Hartford Division. The funding will also be used to buy and install (25) depot chargers at the Hartford facility and (4) on-route chargers at the CTfastrak New Britain Station, in addition to associated electrical infrastructure. Section 5339 federal \$25,000,000; \$6,250,000 state match. Section 5307 federal \$8,000,000; \$2,000,000 state match. Revised project total \$89,861,000.					
05- New Project	Project requested by (SPECIFY)	<input type="checkbox"/>			
06- New Phase	ROW now required CON phase required	<input type="checkbox"/>	<input type="checkbox"/>		
08- Delete phase	Phase not required Phase changed to State funds Phase changed to Local funds	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
09- Delete project	Project no longer supported by State Project no longer supported by Region Project no longer supported by Town Changed to all State funds Changed to all Local funds Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11-Phase/Financing/Funding Revision	Due to project schedule Due to funding limitations Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

** change codes 7 Administrative Requirement; 10 Correction and 12 No Revision are not listed - they are self explanatory

**STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION**



**PROJECT MEMORANDUM FOR
ENGINEERING**

DATE: 5/9/2023

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

MOD # RPM

From: J. Adams for Barry Schilling
PE or PL Project ID: **DOT01710483PE**
FD Project ID: **DOT01710483FD**
RW Project ID:
CN Project ID: **DOT01710483CN**

Please Review Project Information and Estimate for Approval:

Project Description (short): 26 (30 Characters)	I-91 & CT 20 Sheet Signing
Project Description (long): 233 (254 Characters)	Replacement of highway sheet aluminum signs along the on/off ramps of I-91 from the Charter Oak Bridge in Hartford to the Windsor/Windsor Locks Town Line and along the mainline and on/off ramps of the limited access portion of CT 20.

Justification: 284 (1333 Characters)	The existing highway signs have exceeded their useful service life and are in need of replacement. The project will include replacement of all sheet aluminum signs within the project limits not currently planned for replacement in other projects. The PE phase includes a PD/FD split.
Project Manager: Barry Schilling	
Project Engineer: LeVance James	PPI # PP171-0021. CN phase to draw down from the FY25 Sign-Pres placeholder in OBL. CN qualifies for NHPP because I-91 and this portion of CT 20 are on the NHS and qualifies for 100% Federal funds per 23 USC 120(c)(1). Project is fully located within the CRCOG. PE(PD) cost updated following PPI per 4/5/23 email from Tracy Fogarty. Even though the PE phase has a total estimate of only \$200,000 and is 100% State funded, it includes a PD/FD split as requested by Tracy Fogarty on 5/8/23.

Scope Code: **ST 5** ST 5 - Signing

Requested Schedule (Proj. Manager):		Assigned Schedule (Capital Planning):	
<input checked="" type="checkbox"/> State ADV	12/27/2023 PE(PD) Start	PE Auth	
<input type="checkbox"/> Town ADV	6/12/2024 Design Approval/FD/RW	FD/RW Auth	
	10/23/2024 FDP	FDP	
	12/4/2024 DCD	DCD	
	1/1/2025 ADV	ADV	

Estimates Summary:		Project Type CN	
Project Type	EST Amount Requested	Activity	EST Amount Requested
PE or PL	\$150,000	CT	\$1,750,000
FD	\$50,000	CG	\$0
Total	\$200,000	IN	\$0
Project Type	EST Amount Requested	NI	\$0
RW	\$0	NF	\$0
Total	\$0	UT	\$0
		RF	\$0
		SF	\$0
		TF	\$0
		CM	\$0
Total	\$0	Total	\$1,750,000

Project Grand Total (Sum of Project Types) = \$1,950,000

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
0171-0483	10	I-91/CT 20	DISTRICT 1	REPLACE HIGHWAY SHEET ALUMINUM SIGNS	Schilling, Barry

Phase	Year	FA CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021	2022	2023	2024	FYI
CN	FYI	NHPP	1,750,000	1,750,000	0	0		0	0	0	0	0

Revision Code 05-New project

Amendment Add new projects. PE phase programmed 100% state funds.

0171-0483 CN Phase Total: 1,750,000 Federal Share: 1,750,000 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
 - a - Due to project schedule
 - b - Due to funding availability
 - c - Other
 Comments:



DATE: 11/18/2024

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

MOD # _____ RPM _____

From: L. Zhang for Andrew Correia
PE or PL Project ID: **DOT01290117PE**
FD Project ID: **DOT01290117FD**
RW Project ID: **DOT01290117RW**
CN Project ID: **DOT01290117CN**

Please Review Project Information and Estimate for Approval:

Project Description (short): 23 (30 Characters)	Int. Improvs RT190/RT83
Project Description (long): 248 (254 Characters)	Intersection improvements at Route 190 (Main Street) and Route 83 (Springfield Road/South Road) in Somers by realigning Route 83 south of the intersection and converting the intersection to a modern roundabout. Sidewalk installations also included.

Justification: 775 (1333 Characters)	The purpose of this project is to improve traffic flow, safety, and enable large vehicles to better navigate the intersection. The offset nature of the intersection requires split phasing which has resulted in inefficiencies that are undesirable to the Town and the travelling public. In addition, large vehicles have difficulty making the right turn from Route 190 eastbound to Route 83 southbound which has led to trailers off-tracking and collisions. The project proposes to realign Route 83 south of Route 190 to better align with Route 83 north of Route 190 and convert the intersection to a modern roundabout. The project also proposes to install sidewalks around the intersection and extending in all directions to logical termini. The PE phase includes a PD/FD split.
Project Manager: Nicholas Ivanoff	
Project Engineer: Jessica E Darling	Additional notes: PPI # PP129-0002. The eastern leg of Route 190 at this intersection is a Minor Arterial (non-NHS). The CN phase of this project is a good fit for STBG/STP-Hartford/Springfield suballocated funds and is being coded as such on the RPM for inclusion in the OBL, but will be included in the overprogramming category with STIP request delayed until the CTDOT Finance team coordinates with the CRCOG to obtain concurrence to program STPH/STPS funds. Per PPI, 2 seasons anticipated for CN.

Scope Code: OI 1 OI 1 - Intersection Improvement (Scope Code is only for a project w/CN phase)

Requested Schedule (Project Manager):	
<input checked="" type="checkbox"/> State ADV	2/5/2025 PE(PD) or PL Start
<input type="checkbox"/> Town ADV	9/16/2026 Design Approval/FD/RW
	5/24/2028 FDP
	7/5/2028 DCD
	8/2/2028 ADV

Estimates Summary:		Project Type CN	
Project Type	EST Amount Requested	Activity	EST Amount Requested
PE or PL	\$1,100,000	CT	\$8,070,000
FD	\$900,000	CG	\$0
		IN	\$0
Total	\$2,000,000	NI	\$0
		NF	\$0
		UT	\$0
Project Type	EST Amount Requested	RF	\$0
RW	\$350,000	SF	\$0
		TF	\$0
Total	\$350,000	CM	\$0
		Total	\$8,070,000

Project Grand Total (Sum of Project Types) = \$10,420,000

Submitted by: (sign & date)	Approved by: (sign & date)
Project Initiation Manager - Andrew J. Correia	Division Chief - Michael N. Calabrese
Principal Engineer - Marissa L. Pfaffinger	Director of Capital Services - Darren E. Meyers



DATE: 11/25/2024

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

MOD # RPM

From: L. Zhang for Andrew Correia
PE or PL Project ID: **DOT00930255PE**
FD Project ID: **DOT00930255FD**
RW Project ID: **DOT00930255RW**
CN Project ID: **DOT00930255CN**

Please Review Project Information and Estimate for Approval:

Project Description (short): 26 (30 Characters)	CT 175 @ CT 9 Improvements
Project Description (long): 251 (254 Characters)	Improvements to Route 175/Route 9 ramp intersections in Newington/New Britain to increase capacity and safety with new turn lanes, traffic signal revisions, and other ancillary work. Sidewalk installation on Fenn Road to close gaps and extend network.

Justification: 838 (1333 Characters)	The purpose of this project is to provide peak hour capacity improvements at the Route 175 intersections with Route 9 ramps. Currently, the signalized ramp intersections experience a great deal of congestion and queues during morning and afternoon peak hours. An increase in capacity will lead to a more favorable Level of Service (LOS) which is also anticipated to decrease the number of crashes caused by aggressive driver behavior. As an additional opportunity available in the area, sidewalks are proposed to be installed along Fenn Road to close the existing sidewalk gap and connect existing bus stop to the sidewalk network. Crosswalks and pedestrian signal heads/push buttons are proposed to be installed to facilitate pedestrian crossings at intersections along the proposed sidewalk network. The PE phase includes a PD/FD split.
Project Manager: Stephen Hall	
Project Engineer: Samuel Bean	Additional notes: PPI # PP093-0020. Resulting from a favorable conversation between Jen Trio and Rob Aloise from CRCOG on 11/21/24, all phases of this project are being programmed with STBG/STP-Hartford funds. Considering the late FY28 DCD, project initially planned for phase financing over FYs 28/29 with \$500K STPH in FY28 and balance in FY29. CN to draw funds from FYs 28/29 xSTP-PRES placeholders in OBL. CN anticipated to take 1 season.

Scope Code: **OI 1** OI 1 - Intersection Improvement (Scope Code is only for a project w/CN phase)

Requested Schedule (Project Manager):	
<input checked="" type="checkbox"/> State ADV	4/16/2025 PE(PD) or PL Start
<input type="checkbox"/> Town ADV	10/21/2026 Design Approval/FD/RW
	6/28/2028 FDP
	8/9/2028 DCD
	9/6/2028 ADV

Estimates Summary:		Project Type CN	
Project Type	EST Amount Requested	Activity	EST Amount Requested
PE or PL	\$850,000	CT	\$6,225,000
FD	\$560,000	CG	\$0
		IN	\$0
Total	\$1,410,000	NI	\$0
		NF	\$0
		UT	\$0
		RF	\$0
		SF	\$0
		TF	\$0
RW	\$150,000	CM	\$0
Total	\$150,000	Total	\$6,225,000
Project Grand Total (Sum of Project Types) = \$7,785,000			

Submitted by: (sign & date)	Approved by: (sign & date)
Project Initiation Manager - Andrew J. Correia	Division Chief - Michael N. Calabrese
Principal Engineer - Marissa L. Pfaffinger	Director of Capital Services - Darren E. Meyers

Purpose and Need Statement

Project No. 0063-0716

Pulaski Circle Improvements

City of Hartford

Project Description:

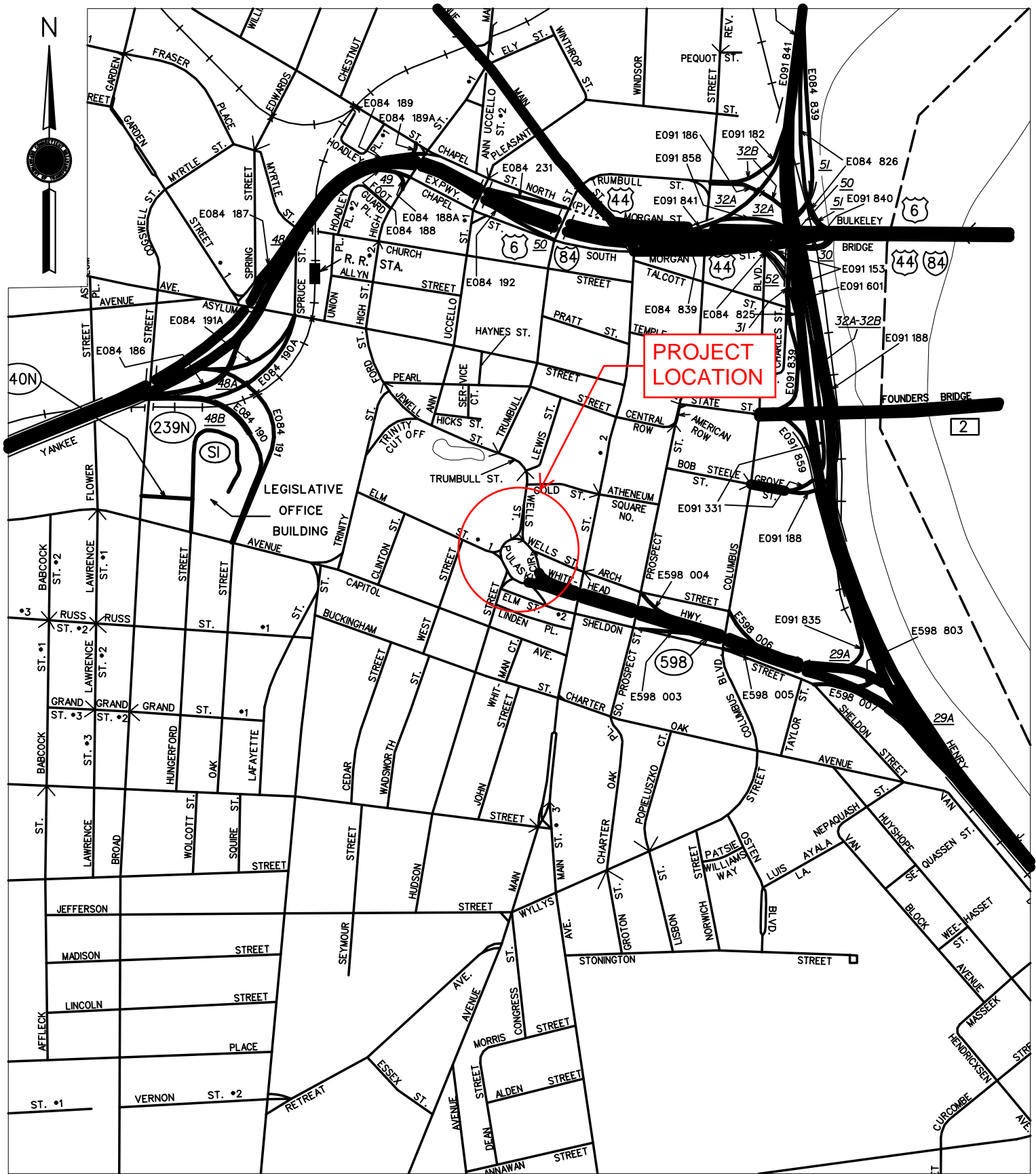
This project is to develop alternatives for a modern roundabout at Pulaski Circle to improve safety and mobility for vehicular, bicycle, and pedestrian modes of travel using context sensitive design techniques to avoid or minimize impacts outside the right-of-way, cultural resources, historic resources and utilities.

Pulaski Circle is a multi-leg traffic circle in the Bushnell South neighborhood of Hartford located at the intersection of Elm Street, Hudson Street, Wells Street and Whitehead Highway, approximately one-half mile from the I-91 Exit 29A interchange. The project study area includes six approach legs and extends approximately 600 feet from the traffic circle center along each approach leg.

Improvements to Pulaski Circle were recommended as an early action item as part of alternatives identified in the Greater Hartford Mobility Study (GHMS). The CTDOT initiated the GHMS in 2020, to address transportation safety and mobility improvements in the Greater Hartford area in a holistic manner, in consideration of regional initiatives such as the I-84 Hartford Project, CTfastrak expansion, Amtrak/Hartford Line Rail Corridor enhancements, I-84 / I-91 interchange improvements, East Coast Greenway planning, the Capital Region Redevelopment Authority's Bushnell South Master Plan and Implementation Strategy, and expanded bicycle and pedestrian networks. This project will provide for improved safety for all users of the intersection with reduced vehicle speeds, simplified traffic control, and the safe accommodation of pedestrians and bicyclists. The project also will provide a multimodal gateway to the Bushnell South neighborhood and Bushnell Park.

Purpose and Need Statement:

The purpose of the project is to simplify traffic control, decrease vehicular speeds throughout the intersection, and to increase accessibility for bicyclists, pedestrians, transit riders, and drivers. This project is needed to improve the traffic circle and improve safety for all travel users.



LOCATION PLAN

PROJECT NO.: 0063-0716

HARTFORD





DATE: 11/15/2024

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

MOD # RPM

From: L. Zhang for Marissa Pfaffinger
PE or PL Project ID: **DOT00630742PE**
FD Project ID: **DOT00630742FD**
RW Project ID: **DOT00630742RW**
CN Project ID: **DOT00630742CN**

Please Review Project Information and Estimate for Approval:

Project Description (short): 29 (30 Characters)	I-84 Ramp Closures - Hartford
Project Description (long): 235 (254 Characters)	GHMP - Remove the I-84 eastbound Trumbull Street off-ramp and the I-84 westbound High Street on-ramp in Hartford. Upgrade and modify traffic signal operation on the surrounding roadway network to accommodate change in traffic patterns.

Justification: 830 (1333 Characters)	The purpose of this project is to improve traffic operations and safety along I-84 in Hartford by consolidating ramps (at the High Street I-84 eastbound on-ramp and Trumbull Street I-84 westbound off-ramp) to reduce the geometric complexity and number of possible lane change maneuvers in this highly congested area. Implementing these consolidations is expected to result in crash reduction in the project area and possibly the corridor. In the eastbound direction, it is proposed to eliminate the Trumbull Street off-ramp due to the close ramp spacing between Trumbull Street and the I-91 northbound ramp. In the westbound direction, it is proposed to retain the Trumbull Street on-ramp and close the High Street on-ramp. This project is part of the Greater Hartford Mobility Program (GHMP). The PE phase includes a PD/FD split.
Project Manager: Kevin Burnham	
Project Engineer:	Additional notes: PPI # PP063-0042. The Scoping Report indicates that approximately 14 intersections in the downtown Hartford area will require traffic signal modifications or replacements due to traffic impacts resulting from the ramp closures and that some intersections may also require a change in lane configuration, with a detailed traffic analysis needed to determine the scope of improvements on the local roadway network. All phases initially being programmed with STPA funds since the scope of improvements may extend beyond those that specifically improve the NHS. Ongoing coordination will be needed with FHWA regarding eligibility as the project scope is refined, especially regarding proposed improvements to any roadways not on the Federal-aid system. CN phase to initially be included in the OBL as overprogramming and not included in the STIP until such time that fiscal constraint and Engineering priorities are assessed.

Scope Code: **OI 2** OI 2 - Spot Operational Improvement (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	12/2/2026 Design Approval/FD/RW
	4/19/2028 FDP
	5/31/2028 DCD
	6/28/2028 ADV

Estimates Summary:		Project Type CN	
Project Type	EST Amount Requested	Activity	EST Amount Requested
PE or PL	\$600,000	CT	\$21,000,000
FD	\$500,000	CG	\$0
		IN	\$0
Total	\$1,100,000	NI	\$0
		NF	\$0
		UT	\$0
Project Type	EST Amount Requested	RF	\$0
RW	\$150,000	SF	\$0
		TF	\$0
Total	\$150,000	CM	\$0
		Total	\$21,000,000

Project Grand Total (Sum of Project Types) = \$22,250,000

Submitted by: (sign & date)	Approved by: (sign & date)
Project Initiation Manager - Andrew J. Correia	Division Chief - Michael N. Calabrese
Principal Engineer - Marissa L. Pfaffinger	Director of Capital Services - Darren E. Meyers



DATE: 11/25/2024

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

MOD # _____ RPM _____

From: L. Zhang for Andrew Correia
PE or PL Project ID: **DOT00630741PE**
FD Project ID: **DOT00630741FD**
RW Project ID: **DOT00630741RW**
CN Project ID: **DOT00630741CN**

Please Review Project Information and Estimate for Approval:

Project Description (short): 26 (30 Characters)	Ped Improv at Ramp Termini
Project Description (long): 246 (254 Characters)	GHMP - Pedestrian safety/connectivity improvements on various roadways at expressway ramp termini in Hartford, including features such as RRFBs, pedestrian signal equipment/actuators, missing sidewalk connections/ADA ramps, and marked crosswalks.

Justification: 754 (1333 Characters)	The purpose of this project is to improve pedestrian connections across freeway ramps as part of the Greater Hartford Mobility Program (GHMP) to improve the quality and number of pedestrian connections to maximize pedestrian connectivity, improve safety at pedestrian crossings, and enhance the comfort and security of pedestrians crossing highways and ramps. Typical needs include marked crosswalks, pedestrian signal heads and signal actuators, pedestrian crossing signage and RRFBS (Rectangular Rapid Flashing Beacons), crosswalk illumination, ADA curb ramps, new sidewalks, reduction of curb radii at ramp intersections to the minimum needed for design vehicle, and potential elimination of right turn slip lanes. The PE phase includes a PD/FD split.
Project Manager: Nicholas Ivanoff	Additional notes: PPI # PP063-0043. PD, FD, RW to draw funds from Comp-Strt placeholders in OBL (PD from SFY24 authorization/allocation placeholder; FD, RW from SFY26 placeholder). Per coordination between Marissa Pfaffinger, Zachary Giron (Planning), and Jen Trio on 11/20/24, this project has been deemed eligible for Carbon Reduction Program (CRP) funds. Resulting from a favorable conversation between Jen Trio and Rob Aloise from CRCOG on 11/21/24, CN being programmed with CRP-Hartford funds. CN to draw funds from FFY28 Crbn-Rdct placeholder in OBL. CN anticipated to take 1 season.
Project Engineer: Katherine Yale	

Scope Code: **CI 1** CI 1 - Non-vehicular System Enhancements (Scope Code is only for a project w/CN phase)

Requested Schedule (Project Manager):

<input checked="" type="checkbox"/> State ADV	3/12/2025	PE(PD) or PL Start
<input type="checkbox"/> Town ADV	4/22/2026	Design Approval/FD/RW
	9/8/2027	FDP *Revised per coordination between J. Trio & M. Pfaffinger (PPI FDP)
	10/20/2027	DCD resulted in DCD 9/22/27, which is unachievable due to FFY shutdown)
	11/17/2027	ADV

Estimates Summary:

Project Type		EST Amount Requested	Project Type CN		EST Amount Requested
PE or PL		\$450,000	CT		\$3,900,000
FD		\$350,000	CG		\$0
Total		\$800,000	IN		\$0
Project Type		EST Amount Requested	NI		\$0
RW		\$50,000	NF		\$0
Total		\$50,000	UT		\$0
			RF		\$0
			SF		\$0
			TF		\$0
			CM		\$0
Total		\$50,000	Total		\$3,900,000

Project Grand Total (Sum of Project Types) = \$4,750,000

Submitted by: (sign & date)	Approved by: (sign & date)
Project Initiation Manager - Andrew J. Correia	Division Chief - Michael N. Calabrese
Principal Engineer - Marissa L. Pfaffinger	Director of Capital Services - Darren E. Meyers

**STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION**



**PROJECT MEMORANDUM FOR
ENGINEERING**

DATE: 11/25/2024

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

MOD # RPM

From: L. Zhang for Andrew Correia
PE or PL Project ID: **DOT00420332PE**
FD Project ID: **DOT00420332FD**
RW Project ID: **DOT00420332RW**
CN Project ID: **DOT00420332CN**

Please Review Project Information and Estimate for Approval:

Project Description (short): 26 (30 Characters)	Ped Improv at Ramp Termini
Project Description (long): 251 (254 Characters)	GHMP - Pedestrian safety/connectivity improvements on various roadways at expressway ramp termini in East Hartford, including features such as RRFBs, pedestrian signal equipment/actuators, missing sidewalk connections/ADA ramps, and marked crosswalks.

Justification: 754 (1333 Characters)	The purpose of this project is to improve pedestrian connections across freeway ramps as part of the Greater Hartford Mobility Program (GHMP) to improve the quality and number of pedestrian connections to maximize pedestrian connectivity, improve safety at pedestrian crossings, and enhance the comfort and security of pedestrians crossing highways and ramps. Typical needs include marked crosswalks, pedestrian signal heads and signal actuators, pedestrian crossing signage and RRFBS (Rectangular Rapid Flashing Beacons), crosswalk illumination, ADA curb ramps, new sidewalks, reduction of curb radii at ramp intersections to the minimum needed for design vehicle, and potential elimination of right turn slip lanes. The PE phase includes a PD/FD split.
Project Manager: Nicholas Ivanoff	Additional notes: PPI # PP042-0024. PD, FD, RW to draw funds from Comp-Strt placeholders in OBL (PD from SFY24 authorization/allocation placeholder; FD, RW from SFY26 placeholder). Per coordination between Marissa Pfaffinger, Zachary Giron (Planning), and Jen Trio on 11/20/24, this project has been deemed eligible for Carbon Reduction Program (CRP) funds. Resulting from a favorable conversation between Jen Trio and Rob Aloise from CRCOG on 11/21/24, CN being programmed with CRP-Hartford funds. CN to draw funds from FFY28 Crbn-Rdct placeholder in OBL. CN anticipated to take 1 season.
Project Engineer: Katherine Yale	

Scope Code: **CI 1** CI 1 - Non-vehicular System Enhancements (Scope Code is only for a project w/CN phase)

Requested Schedule (Project Manager):	
	3/12/2025 PE(PD) or PL Start
	4/22/2026 Design Approval/FD/RW
<input checked="" type="checkbox"/> State ADV	9/8/2027 FDP *Revised per coordination between J. Trio & M. Pfaffinger (PPI FDP
<input type="checkbox"/> Town ADV	10/20/2027 DCD resulted in DCD 9/22/27, which is unachievable due to FFY shutdown)
	11/17/2027 ADV

Estimates Summary:		Project Type CN	
Project Type	EST Amount Requested	Activity	EST Amount Requested
PE or PL	\$500,000	CT	\$6,100,000
FD	\$385,000	CG	\$0
Total	\$885,000	IN	\$0
Project Type	EST Amount Requested	NI	\$0
RW	\$50,000	NF	\$0
Total	\$50,000	UT	\$0
		RF	\$0
		SF	\$0
		TF	\$0
		CM	\$0
		Total	\$6,100,000

Project Grand Total (Sum of Project Types) = \$7,035,000

Submitted by: (sign & date)	Approved by: (sign & date)
Project Initiation Manager - Andrew J. Correia	Division Chief - Michael N. Calabrese
Principal Engineer - Marissa L. Pfaffinger	Director of Capital Services - Darren E. Meyers

