

Agenda Item Summary

To: Policy Board

From: Robert Aloise, Director of Planning

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

Meeting Date: June 27, 2022 (Transportation Committee)

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: See attached table and backup material for individual project locations and descriptions.

<u>Financial/Operational Impact:</u> See attached table and backup material for individual project funding details. All projects funded with 80% (min.) federal monies, with the state fully funding the non-federal share.

<u>Project Schedule:</u> See attached table and backup material for individual project schedule details.

Recommendation: CRCOG Staff recommends approval.

Attachments:

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

TIP Amendments (FFY 2021-2024 TIP)

ID #	Funding Program	Proj. No.	Route or System	Town or Area	Description	Phase	Year	Total \$ (000s)	Fed \$ (000s)	State \$ (000s)	Local \$ (000s)	Comments
1a	Nat'l Highway Performance Program - Bridge	0063- 0731	I-84	Hartford	Rehab Bridge 05868 Carrying I-84 EB TR 839 to I-91	PD	2022	595	536	60	0	New Project
1b	Nat'l Highway Performance Program - Bridge	0063- 0731	I-84	Hartford	Rehab Bridge 05868 Carrying I-84 EB TR 839 to I-91	FD	2024	406	365	41	0	New Project
1c	Nat'l Highway Performance Program - Bridge	0063- 0731	I-84	Hartford	Rehab Bridge 05868 Carrying I-84 EB TR 839 to I-91	ROW	2024	50	45	5	0	New Project
1d	Bridge Formula Program	0063- 0731	I-84	Hartford	Rehab Bridge 05868 Carrying I-84 EB TR 839 to I-91	CON	FYI	6,400	5,760	640	0	New Project
2a	STP Springfield	0011- 0159	CT 305	Bloomfield	Replace Culvert at Mill Brook crossing	FD	2023	300	240	60	0	New Project
2b	STP Springfield	0011- 0159	CT 305	Bloomfield	Replace Culvert at Mill Brook crossing	ROW	2023	85	68	17	0	New Project
2c	STP Hartford	0011- 0159	CT 305	Bloomfield	Replace Culvert at Mill Brook crossing	CON	FYI	2,900	2,320	580	0	New Project
3a	STP Small Urban	0134- 0148	CT 32 / CT 190	Stafford	Modern Roundabout at Routes 32 & 190	CON	2022	0	0	0	0	AC Entry
3b	STP Small Urban	0134- 0148	CT 32 / CT 190	Stafford	Modern Roundabout at Routes 32 & 190	CON	2022	2,500	2,000	500	0	Increase Est. from FED \$1.52M, Add AC Conversion
3с	STP Small Urban	0134- 0148	CT 32 / CT 190	Stafford	Modern Roundabout at Routes 32 & 190	CON	2023	400	320	80	0	Add AC Conversion
4a	STP Hartford	0076- 0220	CT 83 & Oakland St.	Manchester	Construction of Two Roundabouts - 83 @ Oakland; Oakland @ Local Roads	FD	2022	-700	-560	-140	0	Delete FD Phase
4b	STP Hartford	0076- 0220	CT 83 & Oakland St.	Manchester	Construction of Two Roundabouts - 83 @ Oakland; Oakland @ Local Roads	FD	2023	-5,500	-4,400	-1,100	0	Delete CON Phase

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

STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION

Principal Engineer



PROJECT MEMORANDUM FOR ENGINEERING

DATE: 4/26/2022 To: Darren E. Meyers MOD# **RPM** L. Zhang for Jacob Booth From: PE or PL Project ID: **Director of Capital Services** DOT00630731PE **Bureau of Finance & Administration** FD Project ID: DOT00630731FD RW Project ID: DOT00630731RW DOT00630731CN Please Review Project Information and Estimate for Approval: CN Project ID: Project Description (short): Bridge 05868 Rehabilitation Rehabilitation of Bridge No. 05868 (I-84 Fly Over) carrying I-84 Eastbound TR 839 to I-91 Northbound in Hartford. **Project Description (long):** Justification: Bridge 05868, constructed in 1990, is recommended for a new waterproof membrane and overlay to preserve the bridge deck. The superstructure paint system has failed in some locations and requires painting. The substructure is currently rated a 6 but has vertical hairline cracks up to the full height, concrete spalls with exposed rebar, extensive map cracking, and should be addressed under this project. An RSR will be done to determine if further rehabilitation of this bridge will be required. This project is an Asset Management approach to reducing the life cycle cost by keeping the structure in a State of Good Repair. The PE phase includes a PD/FD split. This project is being initiated under the Major Bridge Program, a program developed to address the Department's Major Project Manager: Structures within our bridge inventory and maintain their major components in a State of Good Repair. This rehabilitation **Timothy Fields** project is being programmed using additional reauthorization funding from the Infrastructure Investment and Jobs Act Project Engineer: PPI # PP063-0030. **BP 1 Scope Code:** BP 1 - Major Bridge Rehab/Replacement Requested Schedule (Proj. Manager): Assigned Schedule (Capital Planning): PE(PD) Start PE Auth 8/17/2022 Design Approval/FD/RW FD/RW Auth 12/27/2023 **FDP** FDP 7/9/2025 ✓ State ADV **DCD** DCD 8/20/2025 Town ADV 9/17/2025 **ADV** ADV **Estimates Summary: Project Type CN Project EST Amount EST Amount Activity Type** Requested Requested CT \$6,400,000 PE or PL \$595,000 CG \$0 FD \$406,000 IN \$0 NI \$0 **Total** \$1,001,000 NF \$0 UT \$0 \$0 **Project RF EST Amount** SF \$0 Requested **Type** TF \$0 RW \$0 \$50,000 CM **Total** \$50,000 Total \$6,400,000 Project Grand Total (Sum of Project Types) = \$7,451,000 Submitted by: (sign & date) Approved by: (sign & date) Project Manager **Division Chief**

Director of Capital Services - Darren E. Mevers

Estim	ates for P	L, PD, portion	of PE,	or tota	I PE (if r	o PD/FD split)):	RPM		Project ID	DOT	006307	731PE
Proj	Λ otivity.	Federal	Fed	Fed	Source	State Amount	State	State	Source	Other	Other	Other	Source
Type	Activity	Amount	Fund	SID	Type	State Amount	Fund	SID	Туре	Amount	Fund	SID	Туре
	PE0000	\$535,500	12062	22108	ZNHPP	\$59,500	13033	41393	ZSTEZ				
PE													
PE													
PE													
		\$535,500				\$59,500			·	\$0			
1	Total	\$595,000											

Estim	ates for F	D of PE portion	n:					RPM		Project ID	DOT	006307	′31FD
Proj	Activity	Federal	Fed	Fed	Source	State Amount	State	State	Source	Other	Other	Other	Source
Proj Type	Activity	Amount	Fund	SID	Type	State Amount	Fund	SID	Туре	Amount	Fund	SID	Туре
FD	PE0000	\$365,400	12062	22108	ZNHPP	\$40,600	13033	41393	ZSTEZ				
FD													
FD													
FD													
		\$365,400				\$40,600				\$0			
-	Γotal	\$406,000				•		·		•			

Estin	nates for R	ights of Way:						RPM		Project ID	DOT	006307	31RW
Proj	A otivity	Federal	Fed	Fed	Source	State Amount	State	State	Source	Other	Other	Other	Source
Type	Activity	Amount	Fund	SID	Type	State Amount	Fund	SID	Туре	Amount	Fund	SID	Type
RW	RW0000	\$45,000	12062	22108	ZNHPP	\$5,000	13033	41393	ZSTEZ				
RW													
RW													
RW													
		\$45,000				\$5,000				\$0			
7	Γotal	\$50,000											

Estim	ates for C	onstruction:						RPM		Project ID	DOT	006307	′31CN
Proj	Activity	Federal	Fed	Fed	Source	State Amount	State	State	Source	Other	Other		Source
Type	,	Amount	Fund	SID	Type		Fund	SID	Туре	Amount	Fund	SID	Type
CN	CT0000	\$5,760,000	12062	22108	ZBRFP	\$640,000	13033	41393	ZSTEZ				
CN													
CN													
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CN													
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CN													
		\$5,760,000				\$640,000				\$0			
1	Γotal	\$6,400,000					·			•			

To: Maribeth C. Wojenski
Bureau of Policy and Planning

TIP/STIP~Action and Amendment Details

6/9/2022

bureau or	Policy and Plann	ing									
Project No Reg	ion Route	Town	ı	Descript	ion					Project l	Manager
0011-0159 10	CT 305	BLOOM	MFIELD	REPLACE	CULVERT AT M	IILL BROOF	K CROSSI	NG		Arsenault, Josep	bh
Phase Year FA CO	DE TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021		2022	2023	2024	FYI
RW 2023 STPS	85,000	68,000	17,000	0		0		0	68,000	0	0
Revision Code <mark>05-1</mark>	New project										
amendment	Add new proje coordinated wi								rrent STIP. T	he use of STPS	funds was
011-0159 RW	Phase Total:	85,000	Federal	Share: 68	8,000 Stat	e Share:	17,000	Lo	cal Share:	0	
hase Year FA CO	DE TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021		2022	2023	2024	FYI
FD 2023 STPS	300,000	240,000	60,000	0		0		0	240,000	0	0
Revision Code <mark>05-1</mark>	New project					,					
amendment	Add new proje coordinated wi			-					rrent STIP. T	he use of STPS	funds was
011-0159 FD	Phase Total:	300,000	Federal	Share: 24	40,000 Stat	e Share:	60,000	Lo	cal Share:	0	
Phase Year FA CO	DE TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021		2022	2023	2024	FYI
CN FYI STPH	2,900,000	2,320,000	580,000	0		0		0	0	0	0
Revision Code											
amendment	1 1								rrent STIP. T	he use of STPH	funds was
	coordinated wi	th CRCOG a	at the 12/1	7/19 annua	ıl Urban/Capita	l Plan Coo	ridnation	meeting.			

T M 1 d C W : 1:			
To: Maribeth C. Wojenski Bureau of Policy and Plann	ing TIP/STIP~Ac	ction and Amendment Details	6/9/2022
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		
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

TIP/STIP~Action and Amendment Details

6/9/2022

Burea	u of Polic	y and Plannii	ng	111/51	11 ~71	ction unu r	1/11/2/11/11	пень	Detutio			0/3/2022
Project No	Region	Route	Town	ı l	Descript	tion					Project Ma	ınager
0134-0148	10	CT 32/CT 190	STAFF	ORD 1	MODERN	N ROUNDABOUT	AT ROUT	ES 32 &	190 - AC ENT	RY	Cherpak, Michael	
Phase Year FA	CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021		2022	2023	2024	FYI
CN 2022 ST	PSU	0	0	0	0		0		0	0	0	0
Revision Code	07-Admir	nistrative req	uirement									
amendment	t Ad	d FY22 AC E	ntry. This p	roject is no	w being	phase financed.						
0134-0148 CN	P	hase Total:	0	Federal Si	hare: 0	Stat	e Share:	0	Lo	cal Share: ()	
Phase Year FA	CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021		2022	2023	2024	FYI
CN 2022 ST	PSU	2,500,000	2,000,000	500,000	0		0		480,000	0	0	0
Revision Code	04-Revise	d cost estima	te, 11-Revi	se Funding								
amendment	t Inc	rease cost fro	m Fed \$1.52	2M and add	"AC Co	nversion" to the	desciption	n. Tota	l cost increas	ing from Fed \$	\$1.52M to Fed \$2	2.32M. This
					ount of h	ardscape neede	d based on	the to	wns requests	RR force aco	unt is also being	added to
0101 0110 601		ommodate w							T	1.01		
0134-0148 CN	P	hase Total:	2,500,000	Federal Si	tare: 2	,000,000 Stat	e Share:	500,0	00 Lo	cal Share: ()	
Phase Year FA	CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021		2022	2023	2024	FYI
CN 2023 ST		400.000	320,000	80,000	0	riscui impuci.					2024	
		,		80,000	0		0		0	320,000	0	0
Revision Code				m . 1		. T. 104 FR						
amendment						g from Fed \$1.52 . RR force acoun					lation and the ar	mount of
0134-0148 CN		hase Total:		Federal Si			e Share:	80,00		cal Share: (
To: Maribet			TI	D/STID_	Action	n and Amen	dmont	Dota	ile		6/9/2022	_
Bureau	of Policy a	nd Planning	11	1/5111 ~	Actio	и ини Атен	штен	Deiu	113		0/3/2022	_
01-Move proje	ect to anot		a - Funding li	mitations ng ROW issue		ments:						
		0	c - Outstandir	ng Permit								
02-Fiscal cons		0	d - Other (Spe		ad Com	ments:						_
U2-Fiscal cons	straint	Q	b - State mate	ılly programm h not available	2	ments:						
			c - Local mate d - Other	h not available	ė							
03-Design sch	nedule chai	nge 🔘	a Local staff	lma lacua	Com	ments:						_
	mit issue	Q	c - Local staffi d - ROW issu									
_	DOT staffing		e - Other									_
☐ 04-Revised co	ost estimate		b - Increase d	ue to inflation ue to (specify)		ments:						
			c - Decrease dd - Other	lue to (specify)								
05-New proje	ect		a - Project req	uested by (spe	cify) Com	ments:						_
1 7		0	b - Copy of R	PM attached								_
06-New phase	e		a - PE phase r b - ROW phas		Com	ments:						
			c - CON phas									
07-Administra	ative requi		a - Add AC er	ntry	Com	ments:						
00 P-1-11-			b - Other a - Phase not		Com	monto.						_
■ 08-Delete pha	ise	Q	b - Phase char	nged to State fr	unds	ments:						
			c - Phase char d - Other	nged to Local f	unds							
09-Delete pro	ject	Q		rted by Town	Com	ments:						_
	supported l		 d - Change to e - Change to 									
⊎ b - Not	t supported l		d - Other									_
10-Correction	1				Com	ments:						
11-Financing/	Funding r	evision Q	a - Due to pro	ject schedule		ments:						_
			b - Due to fun c - Other	nding availabil	ity							

		ribeth C. reau of Po	Wojenski olicy and Planni	ing	TIP/S	TIP~A	ction and	Ame	ndn	ient L)etail	ls				6/:	13/2022
Pro	ject N	o Regio	n Route	Town	n	Descript	ion								Project	Mana	ger
	76-0220		CT 83 & OA	KLA MANC	HESTER		UCTION OF TV D @ LOCAL RO		NDAI	outs-	83 @ OA	KLANI	O;	Arse	nault, Jos	eph	
Phase	Year	FA CODE	TOTAL	FEDERAL.	STATE	LOCAL	Fiscal Impact:		2021		2022		2023		2024		FYI
FD	2022	STPH	-700,000	-560,000	-140,000	0			0		-560,000)	0		0		0
Revi	sion Co	de <mark>08-Del</mark>	lete phase														
	action	1	Delete FD phas	e. This is du	e to the ac	equisition (of the railroad	propert	y.								
0076	0220 F	D	Phase Total:	-700,000	Federal	Share: -	560,000 Sta	ate Shar	e:	-140,000)	Local	Share:	0			
Phase	Year	FA CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:		2021		2022		2023		2024		FYI
CN	2023	STPH	-5,500,000	-4,400,000	-1,100,000	0			0		0		-4,400,00	0	0		0
Revi	sion Co	de 08-Del	lete phase														
	action	1	Delete CN phas	se. This is du	ue to the a	cquisition	of the railroad	l proper	ty.								
0076	0220 C	EN	Phase Total:	-5,500,000	Federal	Share: -	4,400,000 St	ate Shar	e:	-1,100,0	00	Local	Share:	0			
O 01	l-Move	project to	another year	b - Outsi	ling limitati tanding RO tanding Per r (Specify)	W issue	Comments:										
□ ₀₂	2-Fiscal	constrain	nt	b - State	match not		Comments:										
O 00	Q a	n schedul - Permit is - CTDOT :		C - Local d - ROW e - Other		ue	Comments:										
□ 04	l-Revis	ed cost es	timate	b - Incre	ase due to i ase due to (ase due to r	specify)	Comments:										
0 5	-New	project			ct requested of RPM at) Comments:										
□ 0e	S-New	phase		D-ROW	hase require / phase requ phase requ	aired	Comments:										
0	-Admi	inistrative	requirement	a - Add b - Othe	AC entry		Comments:										
□ 08	8-Delete	e phase		D - Phas	e changed to	ed o State fund o Local fund											
	8:	- Not supp	oorted by State oorted by Region	Q d-Char	supported b age to State age to Local r	funded	Comments:										
1 ()-Corre	ction					Comments:										
11 11	-Finan	cing/Func	ding revision		to project so to funding a		Comments:										

To: Maribeth C. Wojenski

TIP/STIP~Action and Amendment Details

6/13/2022

Bureau	of Policy and Plan	ning	TIP/S	IIP~Ac	tion and A	Amendi	nent .	Details				6/13/2022
Project No R	egion Route	Town	1	Descript	ion					Pr	oject M	anager
0165-0509 10	I-91	WINDS	ORLOCK	REHAB BI	R 00454 o/ CT RIV	ER, AMTR	AK & CT	159 - AC E	NTRY	Lomotey	, Sowatei	i
Phase Year FA C	ODE TOTAL	FEDER4L	STATE	LOCAL	Fiscal Impact:	2021		2022	2023	26	24	FYI
CN 2022 HIBB	. 0	0	o	0		0		0	0		0	0
Revision Code 07	-Administrative r	equirement										
action	Add a HIBR	AC Entry. This	will allow	v for flexib	ility at the time	of author	ization.					
0165-0509 CN	Phase Total	: 0	Federal S	Share: 0	Stat	e Share:	0	L	ocal Share:	0		
2022 NHP		0	o	o		0		0	0		0	0
Revision Code 07	-Administrative r											
action		BRX AC Entry										
0165-0509 CN	Phase Total	: 0	Federal S	Share: 0	Stat	e Share:	0	L	ocal Share:	0		
Phase Year FA C	ODE TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021		2022	2023		24	FYI
CN 2022 BRX	82,106	73.895	8.211	0	riscui impaci:							
			0,211			0	ш	73,895	0		0	0
	-Financing/Fundi	0	to total on	at This is			I.L. DI	V 6	1	- 4:66		P-1
action	_	ry. No change HBR and NHF		et. This is	needed to repr	ogram avai	nable br	CX runus re	eleased from	a differen	project	. Datance of
0165-0509 CN	Phase Total			Share: 73	3,895 Stat	e Share:	8,211	L	ocal Share:	0		
Phase Year FA C	ODE TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021		2022	2023	20	24	FYI
CN 2022 NHP	P-BRX 16,395,672	14,756,105	1,639,567	0		0		-73,895	0		0	0
Revision Code 04	-Revised cost esti	mate, 11-Revis	e Funding	5								
action	Add "AC Cor	verison" to the	e FY22 NF	HPP-BRX e	ntry and reduc	e cost from	n Fed \$1	4.83M. No	change to o	verall total	cost. Ba	lance of
	project with I	HBR and BRX,	, which is	being add	ed.							
0165-0509 CN	Phase Total	: 16,395,672	Federal S	Share: 14	1,756,105 Stat	e Share:	1,639,5	67 L	ocal Share:	0		
Phase Year FAC	ODE TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021		2022	2023	20	24	FYI
CN 2022 HIBE	22,222,222	20,000,000	2,222,222	0		0		0	0		0	0
Revision Code 1	-Financing/Fundi	ng revision										
action	Add "AC Cor	iversion" to the	e descripti	ion. No ch	ange to total co	st. Balance	of proje	ct with NI	HPP-BRX an	d BRX, wh	ich is be	ing added.

To: Maribeth C. Wojenski Bureau of Policy and Plann	ing TIP/STIP~A	ction and Amendment Details	6/13/2022
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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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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:	