

Agenda Item Summary

To: Policy Board; Transportation Committee

From: Rob Aloise, Director of Transportation Planning

CC: Matt Hart, Executive Director

Meeting Date: September 27, 2023 (Transportation Committee: September 18, 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. New Britain CT 72 Rehab Bridge
- 2. Windsor CT 159 Rehab Bridge
- 3. District 1 I-291 Replace Signs and Supports
- 4. New Britain/Plainville Rehab 4 Bridges
- 5. Statewide I-91 Concrete Sealer Program for NBI Bridges

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

<u>Project Schedule:</u> 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 September 18, 2023.

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
1	STPH		HIGH STREET	New Britain	REHAB BR 04247 o/ CT 72	CON	FYI	5,300	4,240	1,060	-	MOVE FROM FY24 to FYI
2	STPSP	0164-0242	CT 159	Windsor	REHAB BR 06574 (CULVERT) O/ MILL BROOK	CON	2024	1,000	800	200	-	NEW PROJECT
3	STPA	0171-0481	I-291	II)ictrict 1	REPLACE SIGNS & SUPPORTS ON I-291 IN VIC. CT187/CT189 INTERCHANGE	CON	2024	6,600	6,600	-	-	NEW PROJECT
4A	BRFP	0171-0501	CT 72	New Britain/Plainville	REHAB 4 BRIDGES - B/O of 171-492 - AC ENTRY	CON	2024		1	-	-	MOVE FROM FY23 TO FY24. CHANGE IN SCOPE
4B	BRFP	0171-0501	CT 72		REHAB 4 BRIDGES - B/O of 171-492 - AC CONVERSION	CON	2024	50,000	40,000	10,000	-	MOVE FROM FY23 TO FY24. CHANGE IN SCOPE
5	BRFP	0170-5041	I-91		CONCRETE SEALER PROGRAM FOR NBI BRIDGES	CON	2024	3,800	3,040	760	-	NEW PROJECT

To: Rose Etuka Bureau of Policy and Planning

TIP/STIP~Action and Amendment Details

7/28/2023

Project	No 1	Region	Route	Tow	n	Descrip	tion							Project N	I anager	1
0088-01	196 ¹	10	HIGH STR	EET NEW I	BRITAIN	REHAB B	R 04247 o/ CT 72	!					(Garcia, Alvar	О	
Phase Year	· FA	CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021		2022		2023		2024	F	'YI
CN FY	(I STF	PH	5,300,000	4,240,000	1,060,000	0		0		0		0		-4,240,000	-4,2	40,000
Revision	Code (01-Move	project to ar	other year												
act	ion	Mo	ove from FY2	24 to FYI. No	o change i	n total cos	t.									
0088-0196	6 CN	P	hase Total:	5,300,000	Federal	Share: 4	,240,000 Sta	ite Share:	1,060,00	00	Local	Share:	0			
01-Mc	ve pro	oject to ar	nother year		ling limitati		Comments:									
				c - Outs	tanding RC tanding Per er (Specify)											
02-Fise	cal cor	nstraint		b - State	match not I match not		Comments:									
03-Des	a - Pe	chedule c ermit issue FDOT staf	!	c - Local d - ROW e - Othe		sue	Comments:									
04-Rev	vised c	cost estim	nate	b - Incre	ease due to ease due to ease due to	(specify)	Comments:									
05-Ne	w proj	ject			ect requeste y of RPM at		v) Comments:									
06-Ne	w pha	se		b - ROW	hase requir V phase req V phase requ	uired	Comments:									
07-Ad	minist	trative re	quirement	a - Add b - Othe	AC entry		Comments:									
08-De	lete ph	nase		b - Phas	e changed t	red to State fund to Local fund										
09-De	a - No	ot support	ed by State ed by Region	d - Char	supported b nge to State nge to Local er	funded	Comments:									
10-Co	rrectio	n					Comments:									
11-Fin	ancing	g/Fundin	g revision			chedule availability	Comments:									

Friday, July 28, 2023 Page 10 of 19

To: Rose Etuka

TIP/STIP~Action and Amendment Details

8/17/2023

Bureau of Policy and Plann	ing IIP/SIIP~A	ction ana Amenament L	retatis	8/17/2023
Project No Region Route	Town Descript	ion		Project Manager
0164-0242 10 CT 159	WINDSOR REHAB B	R 06574 (CULVERT) O/ MILL BROOK		Garcia, Al
Phase Year FA CODE TOTAL	FEDERAL STATE LOCAL	Fiscal Impact: 2021	2022 2023	2024 FYI
CN 2024 STPS 1,000,000	800,000 200,000 0	0	0 0	800,000 800,000
Revision Code 05-New project				
	ct. This phase was previously pr dded to the STIP.	ogrammed with 100% state funds. I	Now that it has moved t	o the federal urban program,
0164-0242 CN Phase Total:	1,000,000 Federal Share: 8	00,000 State Share: 200,000	Local Share:)
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	c - Local staffing issue	Comments:		
a - Permit issue b - CTDOT staffing issue	d - ROW issue e - Other			
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 fund c - Phase changed to Local fund 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:		

Thursday, August 17, 2023 Page 24 of 27

STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION

Principal Engineer (Print Name)



PROJECT MEMORANDUM FOR ENGINEERING

DATE: 12/27/2018

To: Patricia A. Hustus MOD# L. Zhang for Alvaro Garcia From: FD Project ID: **Capital Services Division Bureau of Finance & Administration** PE or PL Project ID: **RW Project ID:** Please Review Project Information and Estimate for Approval: CN Project ID: DOT01640242CN Project Description (short): Rehab bridge # 06574 (Culvert) Rehabilitation of Bridge No. 06574 (Culvert) carrying Route 159 over Mill Brook in Windsor. **Project Description (long):** Justification: This steel culvert has several long perforations along the bottom and heavy laminar rust at and below the waterline. These deficiencies are the reason for the "4" rating making this culvert structurally deficient. Bridge List No. 32. The PE phase includes a PD/FD split. The project affects one asset type (bridge), as identified on the Department's TAMP, and will help towards improving on the CTDOT Performance Measure of 95% for State Maintained Roadway Bridges in a State of Project Manager: Good Repair (by number). This project will improve this metric by 0.02%. Federal Performance Measures are **Alvaro Garcia** not applicable for this project (bridge is Non-NBI). Project Engineer: **Paul Dattilio BP 2** BP 2 - Bridge List Program Scope Code: Requested Schedule (Proj. Manager): Assigned Schedule (Capital Planning): PE(PD) Start PE Auth **Design Approval/FD/RW** FD/RW Auth **FDP** 11/8/2023 **FDP** ✓ State ADV 12/20/2023 **DCD** DCD Town ADV 1/17/2024 **ADV** ADV Estimates by Activity (Minor Phase): Estimate in Total EST in Estimate in Core-CT **EST Amount EST Amount** Total EST in Core-CT for **Activity** Core-CT for RPM / MOD# Requested \$1,000,000 RPM/MOD# CT \$0 \$0 Core-CT Requested Activity \$0 \$0 \$0 PΕ CG \$0 \$0 \$0 NF \$0 \$0 \$0 \$0 IN \$0 \$0 \$0 NI \$0 \$0 \$0 \$0 \$0 NF \$0 \$0 \$0 UT \$0 \$0 \$0 Estimate in **Total EST in** Core-CT for **EST Amount** RF \$0 \$0 \$0 Core-CT RPM/MOD# Requested **Activity** SF \$0 \$0 \$0 \$0 \$0 \$0 \$0 RW TF \$0 \$0 NF \$0 \$0 \$0 CM \$0 \$0 \$0 \$1,000,000 \$0 \$0 \$0 \$0 \$0 Preceding MOD # **Total EST Amount in Core-**Current MOD # **RPM** \$0 **Preceding MOD Amt Current MOD Amt CT for All Phases** Submitted by: (sign & date) Approved by: (sign & date) Project Manager (Print Name) Division Chief (Print Name)

Capital Planning - Darren E. Meyers

Prelin	minary En	gineering Esti	mates k	y Activ	vity / Fui	nd / SID:		RPM		Project ID		0	
Proj	A ativity	Federal	Fed	Fed	Source	State Amount	State	State	Source	Other	Other	Other	Source
Type	Activity	Amount	Fund	SID	Туре	State Amount	Fund	SID	Туре	Amount	Fund	SID	Туре
PE	PE0000												
FD													
PE													
PE													
		\$0				\$0				\$0			
PE	SUM:	\$0											

Right	ts of Way	Estimates by <i>i</i>	Project ID 0										
Proj	Activity	Federal	Fed	Fed	Source	State Amount	State	State	Source	Other	Other	Other	Source
Type	Activity	Amount	Fund	SID	Туре	State Amount	Fund	SID	Туре	Amount	Fund	SID	Туре
RW	RW0000												
RW													
RW													
RW													
		\$0				\$0			,	\$0			
		^				·				· ·			

RW SUM: \$0

Proj Type	Cons	truction E	stimates by A	ctivity/	Fund /	SID:			RPM		Project ID	DOT	016402	242CN
Type	Proj	Activity	Federal	Fed	Fed	Source	State Amount	State	State	Source	Other	Other	Other	Source
CN	Type	Activity	Amount	Fund	SID	Type	State Amount	Fund	SID	Туре	Amount	Fund	SID	Туре
CN	CN	CT0000	\$800,000	12062	22108	ZSTPS	\$200,000	13033	41392	ZSTEZ				
CN	CN													
CN	CN													
CN	CN													
CN	CN													
CN	CN													
CN	CN													
CN	CN													
CN	CN													
CN	CN													
CN	CN													
CN	CN													
CN	CN													
CN	CN													
CN	CN													
CN C	CN													
CN C	CN													
CN CN	CN													
\$800,000 \$200,000 \$0	CN													
	\$800,000						\$200,000				\$0			

CN SUM: \$1,000,000

Budgets by Activity (Minc	r Phase):		
		Activity	DOTCN Budget in Core-CT
DOTPE Budget in	1	CT	\$0
Core-CT	Activity	CG	\$0
\$0	PE	IN	\$0
\$0	NF	NI	\$0
\$0		NF	\$0
		UT	\$0
DOTRW Budget in	n	RF	\$0
Core-CT	Activity	SF	\$0
\$0	RW	TF	\$0
\$0	NF	CM	<u> </u>
<u> </u>			<u> </u>

To: Rose Etuka

TIP/STIP~Action and Amendment Details

8/17/2023

Bureau of Policy and Plann	$TIP/STIP\sim A$	ction and Amendment Details	8/17/2023
Project No Region Route	Town Descrip	tion	Project Manager
0171-0481 10 VARIOUS	DISTRICT 1 REPLACI	E SIGNS & SUPPORTS ON I-291 IN VIC. CT187/CT189 HANGE	Schilling, Barry
Phase Year FA CODE TOTAL	FEDERAL STATE LOCAL	Fiscal Impact: 2021 2022 2023	2024 FYI
CN 2024 STPA 6,600,000	6,600,000 0 0	0 0 0	6,600,000 6,600,000
Revision Code 05-New project			
amendment Add new project	ct		
0171-0481 CN Phase Total:	6,600,000 Federal Share:	6,600,000 State Share: 0 Local Share: ()
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	c - Local staffing issue	Comments:	
a - Permit issueb - CTDOT staffing issue	d - ROW issue e - Other		
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 (specif b - Copy of RPM attached	y) 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 fund c - Phase changed to Local fund 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:	

Thursday, August 17, 2023 Page 26 of 27

To: Rose Etuka

TIP/STIP~Action and Amendment Details

8/17/2023

Burea	au of Policy	and Planni	ng	11173	ПГ~ЛС	tion unu	Amenun	ieni D	eiui	15				8/1//2023
Project No	Region	Route	Town	ı	Descripti	ion							Project M	anager
0171-0501	10	CT 72	NEW B	RITAIN/P	REHAB 4 I	BRIDGES - B/O	of 171-492 - A	C ENTRY				Gar	cia Jr., Alvaro)
Phase Year FA	A CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021		2022		2023		2024	FYI
CN 2024 BI	RFP	0	0	0	0		0		0		0		0	0
Revision Code	07-Adminis	strative req	uirement											
amendmen	nt Move	e from FY2	3 to FY24 ar	nd change	description	า.								
0171-0501 CN	Pho	ise Total:	0	Federal S	Share: 0	Sta	te Share:	0		Local	Share:	0		
	A CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021		2022		2023		2024	FYI
CN 2024 BI				10,000,000	0		0		0		-40,000,000		40,000,000	40,000,000
Revision Code														
amendmen						n. No change t								
0171-0501 CN	Pho	ise Total:	50,000,000	Federal S	Share: 40	0,000,000 Sta	te Share:	10,000,00	00	Local	Share:	0		
		_	O - "											
01-Move p	roject to ano	ther year	b - Outst	ing limitatio anding ROV	V issue	Comments:								
				anding Pern r (Specify)	nit									
02-Fiscal co	nstraint		_	ing fully pro	grammed	Comments:								
— 02 1 15 c ar cc	onotraint.		b - State	match not a	vailable									
			d - Other	match not a r	vaiiabie									
03-Design s	schedule cha	ange	(a Local	staffing issu	10	Comments:								
	Permit issue		d - ROW	issue	le									
	CTDOT staffin		e - Other			_								
04-Revised	cost estima	te		ase due to in ase due to (s		Comments:								
				ase due to (s										
05-New pro	oiost				hy (specify)	Comments:								
□ 05-New pro	ojeci		b - Copy	of RPM atta	iched	Comments.								
06-New ph	ase		a - PE ph	ase required	i	Comments:								
_				phase requi										
07-Admini	strative requ	irement	a - Add A			Comments:								
			b - Other											
08-Delete p	hase			not require changed to		Comments:								
			c - Phase	changed to										
			d - Other											
09-Delete p			d - Chan	upported by ge to State f		Comments:								
	Not supported Not supported		e - Chang	ge to Local f	unded									
10-Correcti	ion		2 2 04101			Comments:								
11-Financir	ng/Funding	revision	a - Due to	o project sch	nedule	Comments:								
— 11 1 manch		10 (101011		o funding av		_ James Ho.								

Thursday, August 17, 2023 Page 27 of 27

To: Rose Etuka

Bureau of Policy and Planning

TIP/STIP~Action and Amendment Details

8/17/2023

Project No Region Route	Town	Descript	tion						Project Ma	nager
0170-5041 08, 10, 11 I-91	STATEWIDE	Concrete	Sealer Program fo	or NBI Bridge	es			Fadu	l, Francisco	
Phase Year FA CODE TOTAL	FEDERAL STATE	LOCAL	Fiscal Impact:	2021	20	22	2023		2024	FYI
CN 2024 BRFP 3,800,000	3,040,000 760,000	0		0		0	0	3	,040,000	3,040,000
Revision Code 05-New project										
amendment Add new proje										
0170-5041 CN Phase Total:	3,800,000 Federal	Share: 3	3,040,000 Sta	te Share:	760,000	Local Si	hare:	0		
01-Move project to another year	a - Funding limitation b - Outstanding ROV c - Outstanding Perr d - Other (Specify)	N issue	Comments:							
02-Fiscal constraint	a - Funding fully pro b - State match not a c - Local match not a d - Other	vailable	Comments:							
03-Design schedule change a - Permit issue b - CTDOT staffing issue	c - Local staffing issu d - ROW issue e - Other	ie	Comments:							
04-Revised cost estimate	a - Increase due to ir b - Increase due to (s c - Decrease due to (d - Other	specify)	Comments:							
05-New project	a - Project requested b - Copy of RPM atta) Comments:							
06-New phase	a - PE phase require b - ROW phase requ c - CON phase requi	ired	Comments:							
07-Administrative requirement	a - Add AC entry b - Other		Comments:							
08-Delete phase	a - Phase not require b - Phase changed to c - Phase changed to d - Other	State fund								
09-Delete project a - Not supported by State b - Not supported by Region	c - Not supported by d - Change to State f e - Change to Local f d - Other	unded	Comments:							
10-Correction			Comments:							
11-Financing/Funding revision	a - Due to project scl		Comments:							

Thursday, August 17, 2023 Page 25 of 27

STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION



PROJECT MEMORANDUM FOR ENGINEERING

DATE:	8/9/2023

To: Darren E. Meyers MOD # RPM From: Jen Adams for Jacob Booth

Director of Capital Services PE or PL Project ID: DOT01705041PE

Bureau of Finance & Administration FD Project ID:

RW Project ID: DOT01705041RW

Please Review Project Informa	ation and Estimate fo	r Approval:	CN Project ID:	DOT01705041CN
Project Description (short):	I-91 Bridges Concre	te Sealer		
28 (30 Characters)			tely 156 NBI bridges either carryir	ng or spanning over
Project Description (long):			Haven to the Massachusetts stat	
175 (254 Characters)				
(10 To Harastere)				
Justification:			nately 156 NBI bridges either carrying	
675 (1333 Characters)			concrete sealing program, in an effort	
		•	nents of a bridge exposed to deicing of highway bridges. Bridges that carr	
			s spanning over I-91 will have the sea	
			nents located within the salt spray zor	
	and ice clearing opera	tions.		
	. ,		ng Program". These bridges have been id	
Project Manager:			our bridge inventory and maintain their commed using additional reauthorization fun	
Francisco Fadul	and Investment and Jobs		inned using additional readthorization full	ds nom the initiastructure
Project Engineer:	PPI # PP171-0036. The F	PE phase of this project is bein	ng funded with 100% State funds and no P	D/FD split per
Brianna Ritacco	Engineering's request to	expedite the budget to meet th	e accelerated schedule for delivery of the	CN phase.
Scope Code: BP 3	BP 3 - Minor Bridge	Preservation Program	(Scope Code is only for a proje	ct w/CN phase)
Requeste	ed Schedule (Projec			
	ASAP	PE(PD) or PL Start		
	3/6/2024	Design Approval/FI	D/RW	
✓ State ADV	7/3/2024	FDP		
Town ADV	8/14/2024	DCD		
	9/11/2024	ADV		
Estimates Summary:			Project Type CN	
Project	EST Amount			EST Amount
Туре	Requested		Activity	Requested
	·		CT	\$3,800,000
PE or PL	\$767,000		CG	\$0
FD	\$0		IN	\$0
Total	\$767,000		NI	\$0
			NF UT	\$0 \$0
Project	EST Amount		RF	\$0 \$0
Туре	Requested		SF	\$0
			TF	\$0
RW	\$50,000		CM	\$0
Total	\$50,000		Total	\$3,800,000
Project Grand	d Total (Sum of Pr	roject Types) = \$4,61	17,000	
Submitted by: (sign & date)			Approved by: (sign & date)	
Project Manager			Division Chief	
Principal Engineer			Director of Capital Services - Darren	E. Mevers
			Joseph J. Jupitus Josephora - Dallell	

Estin	nates for F	L, PD, portion	n of PE,	or tota	l PE (if	no PD/FD split):	RPM		Project ID	DOT	017050)41PE
Proj Type	Activity	Federal Amount	Fed Fund	Fed SID	Source Type	State Amount	Stata	State	Source Type	Other Amount	Other Fund	Other SID	Source Type
PE	PE0000				,	\$767,000	13033	43123	ZSTEZ				,
PE													
PE													
PE													
		\$0				\$767,000				\$0			
	Total	\$767,000	0%	100%	0%	100%							
			Fed	State	Other	Total							
	nates for F	D of PE portion	on:					RPM		Project ID		0	
Proj	Activity	Federal	Fed	Fed	Source	State Amount	State	State	Source	Other	Other	Other	Source
Type	-	Amount	Fund	SID	Туре	Otate Amount	Fund	SID	Туре	Amount	Fund	SID	Туре
FD	PE0000												
FD													
FD													
FD	<u> </u>									Φ0			
		\$0				\$0				\$0			
	Total	\$0	0%	0%	0%	0%							
			Fed	State	Other	Total							
	mates for l	Rights of Way			-			RPM		Project ID		017050	
Proj	Activity	Federal	Fed	Fed	Source	State Amount	State	State	Source	Other	Other		Source
Туре	,	Amount	Fund	SID	Туре		Fund	SID	Туре	Amount	Fund	SID	Туре
RW	RW0000					\$50,000	13033	43123	ZSTEZ				
RW													
RW													
RW	L .	\$0				\$50.000				\$0			

Estimates for Rights of Way.								KPW Project ID			DO101703041KW		
Proj	Activity	Federal	Fed	Fed	Source	State Amount	State	State	Source	Other	Other	Other	Source
Type	Type	Amount	Fund	SID	Type	State Amount	Fund	SID	Туре	Amount	Fund	SID	Туре
RW	RW0000					\$50,000	13033	43123	ZSTEZ				
RW													
RW													
RW													
		\$0				\$50,000				\$0			
-	Total	\$50,000	0%	100%	0%	100%							
				C+-+-	O41	Tatal							

State Other Total

Estimates for Construction:										Project ID DOT01705041		41CN	
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	\$3,040,000	12062	22108	ZBRFP	\$760,000	13033	41393	ZSTEZ				
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
		\$3,040,000				\$760,000				\$0			
-	Total	\$3,800,000	80%	20%	0%	100%				,			

2/2

Total

Fed State Other