### **DEPT. OF TRANSPORTATION**

### PROJECT ESTIMATE MODIFICATION

Page No. 1

Run Date 05/10/2021 Run Time 08:41:32

Project ID: DOT00280207PE - RBC - Route 2, Colchester

**Project Description:** RBC project to address approximately 5.2 miles of Route 2 in Colchester, to rehabilitate pavement

and restore it to an acceptable condition, and upgrade substandard guiderail, outdated bridge rails,

and roadside safety features within the project limits.

Project Manager: Cherpak, Michael S Prior Approval: No Prior Approval

Current Estimate: 05/10/2021 EI - From Estimate To Initiated RPM Mod Justification: RBC Program - Resurfacing, Bridge Rehabilitation, and Safety Improve

RBC Program - Resurfacing, Bridge Rehabilitation, and Safety Improvements. This project begins at the western end of Bridge Nos. 03461 EB and 00392 WB (Route 2 over Route 149), at

Log Mile 20.37, and extends to the limit of concrete pavement at Log Mile 25.56 near interchange 20. Also included in the project limits are the following interchanges and ramps: 16 (2E-40), 17 (2E-41, 2W-42), 18 (2E-44, E2-46, 2W-43, 2W-45), 19 (2W-47) and ramp 20 (2E-50, 2W-49). The existing concrete pavement for this approximately 5.2 mile stretch of Route 2 was installed as early as 1956 and has reached the limit of its serviceable life. Comprehensive structural pavement rehabilitation is required to extend the pavement life and restore functionality. The substandard guiderail, outdated bridge rails, and overall roadside safety conditions throughout the project limits also warrant upgrade. The PE phase includes a

PD/FD split.

ACTIVITY PE0000 PE0000	FUND 12062 13033	SID 22108 41404 Activity PE0	SOURCE ZNHPP ZSTEZ 0000 Subtotal:	CURRENT ESTIMATE 2,000,000.00 500,000.00 2,500,000.00	PRIOR APPROVAL  0.00  0.00  0.00	MODIFICATION 2,000,000.00 500,000.00 2,500,000.00
		Project DO	Γ00280207PE Total:	2,500,000.00	0.00	2,500,000.00
ESTIMATE BY S	ID:					

<u>SID</u> 22108	SOURCE ZNHPP	ACTIVITY FUND 12062 SOURCE ZNHPP Subtotal:	CURRENT ESTIMATE 2,000,000.00 2,000,000.00	PRIOR APPROVAL 0.00 0.00	MODIFICATION 2,000,000.00 2,000,000.00
		SID 22108 Subtotal:	2,000,000.00	0.00	2,000,000.00
41404	ZSTEZ	PE0000 13033 SOURCE ZSTEZ Subtotal:	500,000.00 500,000.00	0.00	500,000.00 500,000.00
		SID 41404 Subtotal:	500,000.00	0.00	500,000.00
		Project DOT00280207PE Total:	2,500,000.00	0.00	2,500,000.00

te:
te: 5/10/2021



## PROJECT MEMORANDUM FOR **ENGINEERING**

DATE: 3/25/2021

L. Zhang for Marissa Washburn From:

PE or PL Project ID: DOT00280207PE FD Project ID: DOT00280207FD

RW Project ID:

CN Project ID: DOT00280207CN

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

Please Review Project Information and Estimate for Approval: Project Description (short): RBC - Route 2, Colchester RBC project to address approximately 5.2 miles of Route 2 in Colchester, to rehabilitate pavement Project Description (long): and restore it to an acceptable condition, and upgrade substandard guiderail, outdated bridge rails, and roadside safety features within the project limits. Justification: RBC Program - Resurfacing, Bridge Rehabilitation, and Safety Improvements. This project begins at the western end of Bridge Nos. 03461 EB and 00392 WB (Route 2 over Route 149), at Log Mile 20.37, and extends to the limit of concrete pavement at Log Mile 25.56 near interchange 20. Also included in the project limits are the following interchanges and ramps: 16 (2E-40), 17 (2E-41, 2W-42), 18 (2E-44, E2-46, 2W-43, 2W-45), 19 (2W-47) and ramp 20 (2E-50, 2W-49). The existing concrete pavement for this approximately 5.2 mile stretch of Route 2 was installed as early as 1956 and has reached the limit of its serviceable life. Comprehensive structural pavement rehabilitation is required to extend the pavement life and restore functionality. The substandard guiderail, outdated bridge rails, and overall roadside safety conditions throughout the project limits also warrant upgrade. The PE phase includes a PD/FD split. Project Manager: Michael Cherpak PE PAED is 9/18/26 Project Engineer: PPI # PP028-0004 Current CN phase financing plan for Federal funds: \$10M FY24, \$25M FY25, \$21.08M FY26 **Andrew Correia** Scope Code: RP<sub>2</sub> RP 2 - Rehab/Reconst by Contract Requested Schedule (Proj. Manager): **Assigned Schedule (Capital Planning):** 

5/5/2021 PE(PD) Start PE Auth 8/3/2022 Design Approval/FD/RW FD/RW Auth 2/7/2024 **FDP FDP** ✓ State ADV **DCD** 3/20/2024 DCD **Town ADV** 4/17/2024 **ADV** ADV

Estimates Summary:			
		Project Type CN	
Project Type	EST Amount Requested	Activity	EST Amount Requested
		CT	\$70,100,000
PE or PL	\$2,500,000	CG	\$0
FD	\$1,800,000	IN	\$0
Total	£4.200.000	NI	\$0
Total	\$4,300,000	NF	\$0
		UT	\$0
Project	EST Amount	RF	\$0
Туре	Requested	SF	\$0
		TF	\$0
RW	<u>\$0</u>	СМ	\$0
Total	\$0	Total	\$70,100,000

Project Grand Total (Sum of Project Types) = \$74,400,000

Submitted by: (sign & date)	Approved by: (sign & date)
Minim Y. Aff Date: 2021.03.29 12:00:00-04'00'	Mobil 7. Columb Digitally signed by Michael N. Calabrese, P.E. Date: 2021.03.31 22:51:39-04100'
Project Manager (Marissa L Pfaffinger)	Division Chief (Michael N. Calabrese)
N/A	Mayer 4/1/21
Principal Engineer (Print Name)	Director of Capital Services - Darren E. Meyers

Estin	Estimates for PL, PD, portion of PE, or total PE (if no PD/FD split):								Project ID	DOT	002802	207PE	
Proj	Activity	Federal	Fed	Fed	Source	State Amount	State	State	Source	Other	Other	Other	Source
Proj Type	Activity	Amount	Fund	SID	Туре	State Amount	Fund	SID	Туре	Amount	Fund	SID	Туре
PE	PE0000	\$2,000,000	12062	22108	ZNHPP	\$500,000	13033	41404	ZSTEZ				
PE													
PE													
PE													
		\$2,000,000				\$500,000				\$0			
-	Γotal	\$2,500,000											

Estin	Estimates for FD of PE portion:							RPM Project ID		DOT00280207FD			
Proj	Activity	Federal	Fed	Fed	Source	State Amount	State	State	Source	Other	Other	Other	Source
Proj Type	Activity	Amount	Fund	SID	Туре	State Amount	Fund	SID	Туре	Amount	Fund	SID	Туре
FD	PE0000	\$1,440,000	12062	22108	ZNHPP	\$360,000	13033	41404	ZSTEZ				
FD													
FD													
FD													
		\$1,440,000				\$360,000				\$0			
	Total	\$1,800,000											

Estir	nates for	Rights of Way						RPM		Project ID		0	
Proj	Activity	Federal	Fed	Fed	Source	State Amount	State	State	Source	Other	Other	Other	Source
Proj Type	Activity	Amount	Fund	SID	Туре	State Amount	Fund	SID	Туре	Amount	Fund	SID	Туре
RW	RW0000												
RW													
RW													
RW													
		\$0				\$0				\$0			
-	Total	\$0											

Estin	nates for C	Construction:						RPM		Project ID	DOT	002802	07CN
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	\$56,080,000	12062	22108	ZNHPP	\$14,020,000	13033	41404	ZSTEZ				
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
		\$56,080,000				\$14,020,000				\$0			
•	Total	\$70,100,000											

### **DEPT. OF TRANSPORTATION**

### PROJECT ESTIMATE MODIFICATION

Page No. 1

**MODIFICATION** 

113,000.00

565,000.00

Run Date 12/21/2021

Run Time 15:31:56

**Project ID:** DOT00280208PE - Bridge 03395 & NHS 03396 Rehab

SID

SID 41393 Subtotal:

Project DOT00280208PE Total:

Project Description: Rehabilitation of Bridges No. 03395 and 03396 carrying Route 2 Westbound and Eastbound,

respectively, over Route 85 in Colchester.

Project Manager: Garcia Jr., Álvaro Prior Approval: No Prior Approval

**FUND** 

Current Estimate: 12/21/2021 EI - From Estimate To Initiated RPM

Mod Justification: Bridge 03396 is in poor condition. The superstructure is rated a "4" from deterioration and

SOURCE

vehicular strikes to the facia girders. Bearings and beam ends over the piers are in need of replacement as well. Bridge 03395 is rated a "5" and is included in the project as an asset management approach to reducing the life cycle cost by keeping the project in a State of Good Repair and to maximize the return on investment for MP&T and utility relocation required for

Bridge 03396. Bridge List No. 35. The PE phase includes a PD/FD split.

### **ESTIMATE BY ACTIVITY:**

**ACTIVITY** 

PE0000	12062	22108	ZNHPP	452,000.00	0.00	452,000.00
PE0000	13033	41393	ZSTEZ	113,000.00	0.00	113,000.00
		Activity PE00	000 Subtotal:	565,000.00	0.00	565,000.00
		Project DOT	00280208PE Total:	565,000.00	0.00	565,000.00
ESTIMATE BY S	SID:					
SID	SOURCE	<b>ACTIVITY</b>	FUND	CURRENT ESTIMATE	PRIOR APPROVAL	MODIFICATION
<u>SID</u> 22108	SOURCE ZNHPP	ACTIVITY PE0000	<u>FUND</u> 12062	CURRENT ESTIMATE 452,000.00	PRIOR APPROVAL 0.00	MODIFICATION 452,000.00
		PE0000				
		PE0000	12062 IHPP Subtotal:	452,000.00	0.00	452,000.00
		PE0000 SOURCE ZN	12062 IHPP Subtotal:	452,000.00 452,000.00	0.00	452,000.00 452,000.00

**CURRENT ESTIMATE** 

113,000.00

565,000.00

PRIOR APPROVAL

0.00

0.00

Approved By:		
	Date:	Date:
See Attached		See Attached
	Date:	Date: 12/21/2021
See Attached	24.0.	
See Attached	Date:	Capital Planning - Darren E/ Meyers



# **PROJECT MEMORANDUM FOR ENGINEERING**

DATE: 10/28/2021

To: Darren E. Meyers L. Zhang for Alvaro Garcia **RPM** MOD# From: **Director of Capital Services** 

**Bureau of Finance & Administration** 

PE or PL Project ID: DOT00280208PE FD Project ID: DOT00280208FD RW Project ID: DOT00280208RW

			RW Project ID:	DO100280208RW
Please Review Project Informa	tion and Estimate for A	pproval:	CN Project ID:	DOT00280208CN
Project Description (short):	Bridge 03395 & NHS 0	03396 Rehab		
30 (30 Characters)			6 carrying Route 2 Westbour	nd and Eastbound,
Project Description (long):	respectively, over Rou	te 85 in Colchester.		
130 (254 Characters)				
Justification: 1103 (1333 Characters)  Project Manager:	girders. Bearings and beam included in the project as an of Good Repair and to maxir List No. 35. The PE phase in This project affects one assect TDOT Performance Measuproject will improve this metrarea), this project will improve will improve the maximum of the project will improve the metrarea.	ends over the piers are in ne asset management approachize the return on investment acludes a PD/FD split.  et type (bridge), as identified in the proof of the p	ated a "4" from deterioration and vehed of replacement as well. Bridge 03 h to reducing the life cycle cost by ket for MP&T and utility relocation requing the Department's TAMP, and will hed Roadway Bridges in a State of Gooderal Performance Measures of und 1.02%. The Federal Measure of %NFd improve this metric by 0.02%.	395 is rated a "5" and is eping the project in a State red for Bridge 03396. Bridge lelp towards improving on the lod Repair (by number). This er 10% NHS Poor (by deck
Alvaro Garcia				
Project Engineer:	o o		escription to start with "NHS -" for tra	cking of poor Bridge 03396.
Luke Arno	CN phase to draw down off t	the FY25 "Brdg-Pres" placeh	older under FIF-Bridge in the OBL.	
Scope Code: BP 2	BP 2 - Bridge List Prog	gram		
Reques	ted Schedule (Proj. Ma	anager):	Assigned Schedule (	Capital Planning):
	3/23/2022	PE(PD) Start	PE Auth	
	5/10/2023	Design Approval/FD/	<b>RW</b> FD/RW Auth	
State ADV	5/28/2025	FDP DE DAED is	FDP - 01/07/2028 - 01/07/2028	
Town ADV	7/9/2025	DCD PE PAED IS	DCD	

	Request	ed Schedule (Proj. N	lanager):		Assigned Schedule (C	apital Planning):	
		3/23/2022	PE(PD)	Start	PE Auth		
		5/10/2023	Design A	Approval/FD/RW	FD/RW Auth		
✓ State ADV		5/28/2025	FDP	DE DAED :- 04/07/0000	FDP		
Town ADV		7/9/2025 DCD PE PAED is 01/07/20	DCD				
		8/6/2025	ADV		ADV		
Estimates Summar	v:						

Estimates Summary:		Project Type CN	
Project Type	EST Amount Requested	Activity	EST Amount Requested
	·	СТ	\$5,800,000
PE or PL	\$565,000	CG	\$0
FD	\$382,000	IN	\$0
Total	\$0.47.000	NI	\$0
Total	\$947,000	NF	\$0
		UT	\$0
Project	EST Amount	RF	\$0
Туре	Requested	SF	\$0
		TF	\$0
RW	\$50,000	CM	\$0
Total	\$50,000	Total	\$5,800,000
Projec	ct Grand Total (Sum of Project Ty	pes) = \$6,797,000	

Submitted by: (sign & date) Approved by: (sign & date) Digitally signed by Alvaro Garcia Jr., P.E. Date: 2021.11.12 09:03:21-05'00' Project Manager (Print Name) Division Chief (Print Name) Louis D. Bacho

Digitally signed by Louis D. Bacho

DN: C=US, E=louis bachoe Qu-Co

O=CT-Department of Transportatic
Out-CE Bridge, CN=Louis D. Back
Date: 2021 11.12 16.343.40-500' 11/18/2021 Principal Engineer (Print Name) Director of Capital Services - Darren E. Meyers

Estim	, ,,							RPM		Project ID	DOT	002802	208PE
Proj	Activity	Federal	Fed	Fed	Source	State Amount	State	State	Source	Other	Other	Other	Source
Туре	Activity	Amount	Fund	SID	Туре	State Amount	Fund	SID	Туре	Amount	Fund	SID	Туре
PE	PE0000	\$452,000	12062	22108	ZNHPP	\$113,000	13033	41393	ZSTEZ				
PE													
PE													
PE													
		\$452,000				\$113,000				\$0			
1	Total .	\$565,000											

Estim	ates for F	D of PE portion	n:				RPM Project ID			DOT00280208FD			
Proj	Activity	Federal	Fed	Fed	Source	State Amount	State	State	Source	Other	Other	Other	Source
Proj Type	Activity	Amount	Fund	SID	Туре	State Amount	Fund	SID	Туре	Amount	Fund	SID	Туре
FD	PE0000	\$305,600	12062	22108	ZNHPP	\$76,400	13033	41393	ZSTEZ				
FD													
FD													
FD													
		\$305,600	1			\$76,400				\$0			
	Total \$382,000												

Estin	nates for R	Rights of Way:					RPM Project ID			DOT	DOT00280208RW		
Proj	Activity	Federal	Fed	Fed	Source	State Amount	State	State	Source	Other	Other	Other	Source
Proj Type	Activity	Amount	Fund	SID	Type		Fund	SID	Туре	Amount	Fund	SID	Туре
RW	RW0000	\$40,000	12062	22108	ZNHPP	\$10,000	13033	41393	ZSTEZ				
RW													
RW													
RW													
		\$40,000 \$10,000			\$10,000				\$0				
1	Γotal	\$50,000											

Estim	ates for C	onstruction:						RPM		Project ID	DOT	002802	208CN
Proj	Activity	Federal	Fed	Fed	Source	State Amount	State	State	Source	Other	Other	Other	Source
Type		Amount	Fund	SID	Туре		Fund	SID	Туре	Amount	Fund	SID	Туре
CN	CT0000					\$5,800,000	13033	43123	ZSTEZ				
CN													
CN													
CN													
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CN													
CN													
CN													
CN													
CN													
\$0						\$5,800,000				\$0			
1	Γotal	\$5,800,000											

PROJECT ESTIMATE MODIFICATION

Page No. 1

Run Date 12/22/2022

Run Time 09:17:03

Project ID: DOT00440156CN - I-95 Interchange 74 @ Rte 161

**Project Description:** Improvement of I-95 Interchange 74 at Rte 161 in East Lyme. Includes safety improvements on I-95,

geometric improvements on NB & SB on- and off-ramps, replacement of bridge #00250, and improvements

on Route 161 at the interchange. FAP 0953(078)

Project Manager: Millovitsch, Andrew M

Prior Approval: 07/29/2022 EI - From Estimate To Initiated PS&E Current Estimate: 12/22/2022 MR- From Modificatn To Reinitiated CN MOD 04

Mod Justification: Revised funding is required for contract award based on low bid. Billing order to be revised

with this mod to: ZEBSZ, ZEBEZ, ZMGSZ, ZNHPE, ZNHPP. The Non-Participating ineligible amount

is for full build third lane.

### **ESTIMATE BY ACTIVITY:**

<u>ACTIVITY</u>	FUND	<u>SID</u>	SOURCE_	CURRENT ESTIMATE	PRIOR APPROVAL	MODIFICATION
CG0000	12062	21118	ZACZZ	11,152,880.00	0.00	11,152,880.00
CG0000	12062	22108	ZNHPE	711,040.80	0.00	711,040.80
CG0000	13033	41400	ZSTEZ	2,965,980.20	0.00	2,965,980.20
		Activity CG	0000 Subtotal:	14,829,901.00	0.00	14,829,901.00
CT0000	12062	21118	ZACZZ	82,433,632.00	0.00	82,433,632.00
CT0000	12062	22108	ZEBEZ	466,059.67	0.00	466,059.67
CT0000	12062	22108	ZEBSZ	1,600.00	0.00	1,600.00
CT0000	12062	22108	ZMGSZ	1,288,256.13	0.00	1,288,256.13
CT0000	12062	22108	ZNHPE	588,120.80	46,200,000.00	- 45,611,879.20
CT0000	12062	22108	ZNHPP	34,867,426.60	96,200,000.00	- 61,332,573 <b>.</b> 40
CT0000	13033	41393	ZSTEZ	6,000,000.00	6,000,000.00	0.00
CT0000	13033	41400	ZSTEZ	25,653,913.80	27,600,000.00	- 1,946,086.20
CT0000	13033	41404	ZSTEZ	0.00	2,000,000.00	
		Activity CT	0000 Subtotal:	151,299,009.00	<u>178,000,000.00</u>	
IN0000	12062	22108	ZNHPE	1,066,569.60	0.00	1,066,569.60
IN0000	12062	22108	ZNHPP	16,729,312.00	0.00	16,729,312.00
IN0000	13033	41400	ZSTEZ	4,448,970.40	0.00	4,448,970.40
		Activity IN0	000 Subtotal:	22,244,852.00	0.00	22,244,852.00
SF0000	12062	22108	ZNHPP	89,600.00	0.00	89,600.00
SF0000	13033	41400	ZSTEZ	22,400.00	0.00	22,400.00
		Activity SF	0000 Subtotal:	112,000.00	0.00	112,000.00
UT0000	12062	22108	ZNHPP	2,169,751.20	0.00	2,169,751.20
UT0000	13033	41400	ZSTEZ	542,437.80	0.00	542,437.80
		Activity UT	0000 Subtotal:	2,712,189.00	0.00	2,712,189.00
		Drain at DO	T00440456CN Tc+=!	101 107 054 00	179 000 000 00	12 107 051 00
		Project DO	T00440156CN Total:	<u>191,197,951.00</u>	178,000,000.00	13,197,951.00

#### **ESTIMATE BY SID:**

SID 21118	SOURCE	ACTIVITY FUND	CURRENT ESTIMATE	PRIOR APPROVAL	MODIFICATION
21118	ZACZZ	CG0000 12062	11,152,880.00	0.00	11,152,880.00
21118	ZACZZ	CT0000 12062	82,433,632.00	0.00	82,433,632.00
		SOURCE ZACZZ Subtotal:	93,586,512.00	0.00	93,586,512.00
		SID 21118 Subtotal:	93,586,512.00	0.00	93,586,512.00
22108	ZEBEZ	CT0000 12062	466,059,67	0.00	466,059,67
		SOURCE ZEBEZ Subtotal:	466,059.67	0.00	466,059.67
22108	ZEBSZ	CT0000 12062	1.600.00	0.00	1,600,00
		SOURCE ZEBSZ Subtotal:	1,600.00	0.00	1,600.00
22108	ZMGSZ	CT0000 12062	1,288,256.13	0.00	1,288,256.13
		SOURCE ZMGSZ Subtotal:	1,288,256.13	0.00	1,288,256.13

# STATE OF CONNECTICUT DEPT. OF TRANSPORTATION PROJECT ESTIMATE MODIFICATION

Page No. 2 Run Date 12/22/2022

Run Time 09:17:03

-DS

22108	ZNHPE	CG0000 12062	711,040.80	0.00	711,040.80
22108	ZNHPE	CT0000 12062	588,120.80	46,200,000.00	- 45,611,879.20
22108	ZNHPE	IN0000 12062	1,066,569.60	0.00	1,066,569.60
		SOURCE ZNHPE Subtotal:	2,365,731.20	46,200,000.00	- 43,834,268.80
22108	ZNHPP	CT0000 12062	34,867,426.60	96,200,000.00	- 61,332,573.40
22108	ZNHPP	IN0000 12062	16,729,312.00	0.00	16,729,312.00
22108	ZNHPP	SF0000 12062	89,600.00	0.00	89,600.00
22108	ZNHPP	UT0000 12062	2,169,751.20	0.00	2,169,751.20
		SOURCE ZNHPP Subtotal:	53,856,089.80	96,200,000.00	- 42,343,910.20
		SID 22108 Subtotal:	57,977,736.80	142,400,000.00	- 84,422,263.20
41393	ZSTEZ	CT0000 13033	6,000,000.00	6,000,000.00	0.00
41393	ZSTEZ	SOURCE ZSTEZ Subtotal:	6,000,000.00	6,000,000.00	0.00
		SOURCE 23 TEZ Subtotal.	0,000,000.00	0,000,000.00	0.00
		SID 41393 Subtotal:	6,000,000.00	6,000,000.00	0.00
41400	ZSTEZ	CG0000 13033	2.965.980.20	0.00	2.965.980.20
41400	ZSTEZ	CT0000 13033	25.653.913.80	27.600.000.00	-1,946,086.20
41400	ZSTEZ	IN0000 13033	4.448.970.40	0.00	4.448.970.40
41400	ZSTEZ	SF0000 13033	22.400.00	0.00	22,400.00
41400	ZSTEZ	UT0000 13033	542,437.80	0.00	542,437.80
		SOURCE ZSTEZ Subtotal:	33,633,702.20	27,600,000.00	6,033,702.20
		SID 41400 Subtotal:	33.633.702.20	27.600.000.00	6.033.702.20
		_			
41404	ZSTEZ	CT0000 13033 _	0.00	2,000,000.00	-2,000,000.00
		SOURCE ZSTEZ Subtotal: _	0.00	2,000,000.00	-2,000,000.00
		SID 41404 Subtotal:	0.00	2,000,000.00	-2,000,000.00
		Project DOT00440156CN Total:	191,197,951.00	178,000,000.00	13,197,951.00
		-		·	

Notes: Ok to revise the estimate and budget based on the low bid, SF, UT and state police cost estimates, plus additives of 15% for IN and 10% for CG. Further review is underway of the anticipated incidentals costs for district construction. DM

Approved By:

Date:

Docusigned by:

Ornell Richardson

Date:12/29/2022

E53B2E206E2E472...

Capital Projects

Date:

Date:

Docusigned by:

Darren E. Meyers

Date: 12/29/2022

O1A3198E809B4CC...

Capital Planning

•		Selecteu	Project Listing								Town (	(t)	ruge rorr
Project	Route	Town	Description	Phase	Total	Federal	FDP	DCD	SCH	ACT	ADV	Prog	Pg
44- 156	I-95	EAST LYME	Improve I-95 Interchange 74 at CT 161	CN 180,475	31,489,268	0		7/27/22	8/17/22	8/18/22 State match (Intersta incligible per coord v	8/24/22 te); includes \$1,742,64 w/ FHWA	a 2022 STATE	
44- 156	I-95	EAST LYME	Improve I-95 Interchange 74 at CT 161	CN 180,475	6,000,000	0		7/27/22	8/17/22	8/18/22 State match (Bridge)	8/24/22	a 2022 state	
44- 156	I-95	EAST LYME	Improve I-95 Interchange 74 at CT 161	CN 180,475	29,400,000	29,400,000	6/8/22	7/27/22	8/17/22	8/3/22 22AC22/23/24/25/	8/24/22 26 (80/20); Conv 22A	a 2022 NHPP	
44- 156	I-95	EAST LYME	Improve I-95 Interchange 74 at CT 161	CN 180,475	20,000,000	20,000,000		9/7/22	9/21/22	9/12/22 Conv 22AC22 (add'l	8/24/22 ceiling)	a 2022 <sub>NHPP</sub>	
44- 156	I-95	EAST LYME	Improve I-95 Interchange 74 at CT 161	CN+	2,000	1,600		12/28/22	1/18/23	1/11/23 CN MOD 04, LB, b: MGS & EBE	al w/ NHPP, NHPE,	2023 EBS	103
44- 156	I-95	EAST LYME	Improve I-95 Interchange 74 at CT 161	CN+	1,610,320	1,288,256		12/28/22	1/18/23	1/11/23 CN MOD 04, LB, b: & EBE	al w/ NHPP, NHPE,	2023 MGS	103
44- 156	I-95	EAST LYME	Improve I-95 Interchange 74 at CT 161	CN+	5,570,112	4,456,090		12/28/22	1/18/23	1/11/23 CN MOD 04, LB, b: & EBE	al w/ NHPE, MGS, E	2023 NHPP	18
44- 156	I-95	EAST LYME	Improve I-95 Interchange 74 at CT 161	CN+	2,957,164	2,365,731		12/28/22	1/18/23	1/11/23 CN MOD 04, LB, b: & EBE	al w/ NHPP, MGS, E	2023 NHPP- Exempt	33
44- 156	I-95	EAST LYME	Improve I-95 Interchange 74 at CT 161	CN+	<sup>7,951</sup> 582,575	466,060		12/28/22	1/18/23	1/11/23 CN MOD 04, LB, b: MGS & EBS	al w/ NHPP, NHPE,	2023 EBE	103
44- 156	I-95	EAST LYME	Improve I-95 Interchange 74 at CT 161	CN 191,197	11,400,000	11,400,000		6/7/23	6/28/23	Conv 22AC23	8/24/22	a 2023 NHPP	20
44- 156	I-95	EAST LYME	Improve I-95 Interchange 74 at CT 161	CN 191,197	<sup>7,951</sup> 25,000,000	25,000,000		9/13/23	9/27/23	Conv 22AC23, final	8/24/22 transaction to close FY	a 2023 NHPP	22
44- 156	I-95	EAST LYME	Improve I-95 Interchange 74 at CT 161	CN 191,197	1,000,000	1,000,000		11/1/23	11/22/23	Conv 22AC24, bal w	8/24/22 V NHPP-Exempt	a 2024 <sub>NHPP</sub>	23
44- 156	I-95	EAST LYME	Improve I-95 Interchange 74 at CT 161	CN 191,197	11,400,000	11,400,000		11/1/23	11/22/23	Conv 22AC24, bal w	8/24/22 NHPP	a 2024 NHPP- Exempt	33
44- 156	I-95	EAST LYME	Improve I-95 Interchange 74 at CT 161	CN 191,197	7,400,000	7,400,000		11/6/24	11/27/24	Conv 22AC25, bal w	8/24/22 F/ NHPP	a 2025 NHPP- Exempt	33
44- 156	I-95	EAST LYME	Improve I-95 Interchange 74 at CT 161	CN 191,197	7,95 <i>1</i> 17,980,000	17,980,000		11/6/24	11/27/24	Conv 22AC25, bal w	8/24/22 r/ NHPP-Exempt	a 2025 <sub>NHPP</sub>	26
44- 156	I-95	EAST LYME	Improve I-95 Interchange 74 at CT 161	CN 191,197	12,006,512	12,006,512		11/5/25	11/26/25	Conv 22AC26, bal w	8/24/22 V NHPP-Exempt	a 2026 <sub>NHPP</sub>	28
44- 156	I-95	EAST LYME	Improve I-95 Interchange 74 at CT 161	CN 191,197	7,400,000	7,400,000		11/5/25	11/26/25	Conv 22AC26, bal w	8/24/22 NHPP	a 2026 NHPP- Exempt	33
		Region	Total by Project	ct Phase:	191,197,951	151,564,249			Pfaffin	ger, Jeffrey	Grillo, Ch	arles	

### **DEPT. OF TRANSPORTATION**

### PROJECT ESTIMATE MODIFICATION

Page No. 1

Run Date 11/29/2022 Run Time 15:35:37

Project ID: DOT00520094PE - BRIDGE # 00935 REPLACEMENT

Project Description: NHS - Replacement of Bridge No. 00935 carrying Route 32 over New England Central Railroad in

Franklin.

Project Manager: Booth, Jacob A
Prior Approval: No Prior Approval

Current Estimate: 11/29/2022 El - From Estimate To Initiated RPM

Bridge No. 00935, built in 1941 and reconstructed in 1990, is currently in poor condition.

The superstructure is rated 4 (poor) due to the girders having bottom flange losses greater

than 5% in multiple critical locations. An RSR will be completed to determine if a

superstructure replacement or full bridge replacement is required at this bridge. Bridge List

No. 35. The PE phase includes a PD/FD split. PE PAED 9/8/28.

### **ESTIMATE BY ACTIVITY:**

**Mod Justification:** 

ACTIVITY PE0000 PE0000	FUND 12062 13033	SID 22108 41393 Activity PE000 Project DOTO	SOURCE ZSTPR ZSTEZ 00 Subtotal: 0520094PE Total:	CURRENT ESTIMATE 848,000.00 212,000.00 1,060,000.00 1,060,000.00	PRIOR APPROVAL  0.00 0.00 0.00 0.00 0.00	MODIFICATION 848,000.00 212,000.00 1,060,000.00 1,060,000.00
ESTIMATE BY SI	D:					
<u>SID</u> 22108	SOURCE ZSTPR	ACTIVITY PE0000 SOURCE ZST	FUND 12062 FPR Subtotal:	CURRENT ESTIMATE 848,000.00 848,000.00	PRIOR APPROVAL 0.00 0.00	MODIFICATION 848,000.00 848,000.00
		SID 22108 Su	btotal:	848,000.00	0.00	848,000.00
41393	ZSTEZ	PE0000 SOURCE ZST	13033 ΓEZ Subtotal:	212,000.00 212,000.00	0.00	212,000.00 212,000.00
		SID 41393 Su	ibtotal:	212,000.00	0.00	212,000.00
		Project DOT0	0520094PE Total:	1,060,000.00	0.00	1,060,000.00

Approved By:				
	Date:		Date:	
See Attached		See Attached		
	Date:	Daven Meyer	Date: 11/30/22	
See Attached		Capital Planning - Darren . Meyers		



## PROJECT MEMORANDUM FOR **ENGINEERING**

DATE: 9/23/2022

\$0

\$0

\$0

\$0 \$0

\$15,700,000

To: Darren E. Meyers MOD# From: L. Zhang for Jacob Booth

**Director of Capital Services** 

**Project** 

Type

RW

Total

**Bureau of Finance & Administration** 

PE or PL Project ID: DOT00520094PE FD Project ID: DOT00520094FD RW Project ID: DOT00520094RW

Please Review Project Information	tion and Estimate for A	pproval:		CN Project ID:	DOT00520094CN
Project Description (short):	Bridge #00935 Replac	cement			
25 (30 Characters)	NHS - Replacement o		35 carrying Route 32	over New England	Central Railroad in
3, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	Franklin.				
102 (254 Characters)					
Justification:	Bridge No. 00935, bui <b>l</b> t i	n 1941 and recons	tructed in 1990, is curre	ently in poor condition	. The superstructure is
1098 (1333 Characters)	rated 4 (poor) due to the				
	RSR will be completed to this bridge. Bridge List N				ement is required at
	illis bridge, bridge List N	io. 33. The FE pha	se iliciudes a PD/PD sp	JIII.	
	This project affects one	asset type (bridge),	as identified in the De	partment's TAMP, and	d will he <b>l</b> p towards
	improving on the CTDO				
	Good Repair (by numbe Measures of under 10%				
Project Manager:	The Federal Measure of				
	a full replacement or a re			s of "7" or higher for a	II the bridge
Jacob Booth	components, which wou	ld improve this met	ric by 0.03%.		
Project Engineer:					
Dhvani Patel	PPI # PP052-0003. R	Requires individua	I STIP entry because	e on the NHS and o	ver \$5 million.
Scope Code: BP 2	BP 2 - Bridge List Pro	·	<u> </u>		
Reques	ted Schedule (Proj. M	lanager):	As	signed Schedule (Capi	ital Planning):
	11/23/2022	PE(PD) Start	PE PAED is 9/8/28	PE Auth	
	1/10/2024	Design Approv	/al/FD/RW	FD/RW Auth	
State ADV	1/28/2026	FDP		FDP	
☐ Town ADV	3/11/2026	DCD		DCD	
TOWN ABO	4/8/2026	ADV		ADV	
Estimates Summary:					
			Project Type	e CN	
Project _	EST Amount		Activity		EST Amount
Туре	Requested		_		Requested
PE or PL	\$1,060,000		CT CG		\$15,700,000 \$0
FD	\$778,000		IN		\$0 \$0
			NI		\$0
Total	\$1,838,000		NF		\$0

Project Grand Total (Sum of Project Types) = \$17,588,000

**EST Amount** Requested

\$50,000

\$50,000

Submitted by: (sign & date) Approved by: (sign & date) Jacob A. Booth Digitally signed by Jacob A. Booth Date: 2022.09.28 13:20:44-04'00' Sweeney, Bartholomew Bartholomew Burtholomew **Division Chief** Digitally signed by Derick Lessard, P.E. 10/18/2022 Principal Engineer Date: 2022.10.11 08:27:15-04'00' Director of Capital Services - Darren E. Meyers

UT

RF

SF

TF

CM

Total

Estim	imates for PL, PD, portion of PE, or total PE (if no PD/FD split):									Project ID	DOT	005200	94PE
Proj	Activity	Federal	Fed	Fed	Source	State Amount	State	State	Source	Other	Other	Other	Source
Proj Type	Activity	Amount	Fund	SID	Туре	State Amount	Fund	SID	Туре	Amount	Fund	SID	Туре
PE	PE0000	\$848,000	12062	22108	ZSTPR	\$212,000	13033	41393	ZSTEZ				
PE													
PE													
PE													
		\$848,000				\$212,000				\$0			
7	Γotal	\$1,060,000											

Estim	ates for F	D of PE portio	n:				RPM Project ID				DOT00520094FD		
Proj	Activity	Federal	Fed	Fed	Source	State Amount	State	State	Source	Other	Other	Other	Source
Proj Type	Activity	Amount	Fund	SID	Туре	State Amount	Fund	SID	Туре	Amount	Fund	SID	Туре
FD	PE0000	\$622,400	12062	22108	ZSTPR	\$155,600	13033	41393	ZSTEZ				
FD													
FD													
FD													
		\$622,400				\$155,600				\$0			
1	Γotal	\$778,000											

Estim	timates for Rights of Way:							RPM Project ID				DOT00520094RW		
Proj	Activity	Federal	Fed	Fed	Source	State Amount	State	State	Source	Other	Other	Other	Source	
Proj Type	Activity	Amount	Fund	SID	Туре	State Amount	Fund	SID	Туре	Amount	Fund	SID	Туре	
RW	RW0000					\$50,000	13033	43123	ZSTEZ					
RW														
RW														
RW														
		\$0				\$50,000				\$0				
1	<b>Total</b>	\$50,000												

Estim	ates for C	onstruction:						RPM		Project ID	DOT	005200	94CN
Proj	Activity	Federal	Fed	Fed	Source	State Amount	State	State	Source	Other	Other	Other	Source
Туре	Activity	Amount	Fund	SID	Туре		Fund	SID	Туре	Amount	Fund	SID	Туре
CN	CT0000	\$12,560,000	12062	22108	ZBRFP	\$3,140,000	13033	41393	ZSTEZ				
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		\$12,560,000				\$3,140,000				\$0			
7	Γotal	\$15,700,000											

### **DEPT. OF TRANSPORTATION**

#### PROJECT ESTIMATE MODIFICATION

Page No. 1 Run Date 02/07/2022

**MODIFICATION** 

522,000.00

0.00

Run Time 16:45:41

Project ID:

DOT00570123PE - Bridge 00293 Rehabilitation

**Project Description:** Project Manager: Prior Approval:

NHS - Rehabilitation of Bridge 00293 carrying I-395 over Bishop Crossing Rd in Griswold.

Garcia Jr., Alvaro No Prior Approval

SID

22108

Current Estimate:

02/07/2022 EI - From Estimate To Initiated Mod Justification:

Bridge 00293, built in 1958 and reconstructed in 1992, is in poor condition and has several deficiencies. The superstructure is rated a "4". Repairs are required to the fascia girders and pier caps. Several bearings are in need of replacement. Full field painting is

recommended as 25% of the steel protective coating has either failed or is in poor condition. Additionally, waterproof membrane and overlay will also be included in this project. Bridge

List No. 35. The PE phase includes a PD/FD split.

SOURCE

**ZNHPP** 

\*\*\*This project affects one asset type (bridge), as identified in 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 Good Repair (by number). This project will improve this metric by 0.02%. Also, for the Federal Performance Measures of under 10% NHS Poor (by deck area), this project will improve (decrease) this metric by 0.05%. The Federal Measure of %NHS Good (by deck area) may also be improved (increase), if the scope of work is a full replacement or a rehabilitation that results in condition ratings of ¿7¿ or higher for all of the bridge components, which would improve this metric by 0.05%. PE PAED 01/07/2028

### **ESTIMATE BY ACTIVITY:**

FUND

12062

**ACTIVITY** 

PE0000

ES

PE0000	13033	41393 ZSTEZ Activity PE0000 Subtotal:	58,000.00 580,000.00	0.00	58,000.00 580,000.00
		Project DOT00570123PE Total:	580,000.00	0.00	580,000.00
STIMATE BY S	SID:				
SID 22108	SOURCE ZNHPP	ACTIVITY FUND PE0000 12062 SOURCE ZNHPP Subtotal:	CURRENT ESTIMATE 522,000.00 522,000.00	PRIOR APPROVAL 0.00 0.00	MODIFICATION 522,000.00 522,000.00
		SID 22108 Subtotal:	522,000.00	0.00	522,000.00
41393	ZSTEZ	PE0000 13033 SOURCE ZSTEZ Subtotal:	<u>58,000.00</u> <u>58,000.00</u>	0.00	58,000.00 58,000.00
		SID 41393 Subtotal:	58,000.00	0.00	58,000.00
		Project DOT00570123PE Total:	580,000.00	0.00	580,000.00

**CURRENT ESTIMATE** 

522,000.00

PRIOR APPROVAL

Approved By:		
	Date:	Date:
See Attached		See Attached
		$\sim$
	Date:	Date: 2/8/2022
See Attached		Capital Planning - Darren E. Neyers



# PROJECT MEMORANDUM FOR ENGINEERING

DATE: 12/2/2021

\$6,100,000

To: Darren E. Meyers MOD # RPM From: L. Zhang for Alvaro Garcia

Director of Capital Services
Bureau of Finance & Administration

Project Description (short):  77	Diagon Dovinsu Droin at Inform	maticus and Estimate for	A no volveli	RW Project ID:	DOT00570123RW
Project Description (long):  30 (254 Characters)  NHS - Rehabilitation of Bridge 00293 carrying I-395 over Bishop Crossing Rd in Griswold.  Project Description (long):  30 (254 Characters)  Bridge 00293, built in 1958 and reconstructed in 1992, is in poor condition and has several deficiencies. The superstructure is rated a "4". Repairs are required to the fascis girders and pier caps. Several bearings are in need of replacement, Full field painting is recommended as 25% of the steel protective coating has either failed or is in poor condition. Additionally, waterproof membrane and overlay will also be included in this project. Bridge List No. 35. The PE phase includes a PDPD split.  "This project affects one asset type (bridge), as identified in the Department's TAMP, and will help towards improving or the CTDOT Performance Measure of 55% for State Maintained Roadway Bridges in a State of Good Repair (by number), This project will improve this metric by 0,02%. Also, for the Federal Performance Measures of under 10% hHS Poor (by deck area,) his project will improve decreasely this metric by 0,05%. The Federal between or Namis Good (by deck area) may also be improved (increase), if the scope of work is a full replacement or a rehabilitation that results in condition ratings of "7" or higher for all of the bridge components, which would improve this top 0,05%. Also, for tracking of poor Bridge 00293.  PPI# PP057-0009, Bridge is on NBI and NHS, OBI, description to start with "NHS." for tracking of poor Bridge 00293.  PPI# PP057-0009, Bridge is on NBI and NHS, OBI, description to start with "NHS." for tracking of poor Bridge 00293.  PP FBP FDP FDP FDP  Town ADV 5/28/2025 FDP FDP FDP  Town ADV 5/28/2025 FDP FDP FDP  Town ADV				CN Project ID:	DOT00570123CN
Project Description (long):  30					
Justification: 1202   Justification: 1202   Justification: 1203   Characters)      Justification:   Justific	`		n of Bridge 00293 carrying I-395 o	over Bishop Crossing Rd	in Griswold.
Justification: 1202 (1333 Characters)  Project Manager:  Alvaro Garcia  Project Engineer: Dhvani Patel  Scope Code: BP 2 BP 2 - Bridge List Program  Requested Schedule (Proj. Manager):  Alvaro ADV  Foreign BP 2  Foreign BP 3  Foreign BP 3  Foreign BP 3  Foreign BP 3  Foreign BP 4  Foreign BP 3  Foreign BP 3  Foreign BP 4  Foreign BP 3	Project Description (Ion	g):			
superstructure is rated a "4". Repairs are required to the fascial girders and pier caps. Several bearings are in need of replacement, Full field painting is recommended as 25% of the steel proflective coating has either falled or is in poor condition, Additionally, waterproof membrane and overlay will also be included in this project. Bridge List No, 35, The PE phase includes a PDiFD split.  "This project affects one asset type (bridge), as identified in the Department's TAMP, and will help towards improving or the CTDOT Performance Measure of 95% for State Maintained Roadway Bridges in a State of Good Repair (by number). This project will improve the metric by 0.02%, Also, for the Federal Performance of %NHS Good dby deck area), this project will improve dicerease) this metric by 0.05%. The Federal Peasure of %NHS Good dby deck area) may also be improved (increase), if the scope of work is a full replacement or a rehabilitation that results in condition ratings of "7" or higher for all of the bridge components, which would improve this metric by 0.05%.  Alvaro Garcia  Project Engineer:  Dhvanl Patel  PP # PP057-0009, Bridge is on NBI and NHS. OB. description to start with "NHS -" for tracking of poor Bridge 00293.  PE PAED is 01/07/2028  Scope Code:  BP 2  BP 2 BP 2 - Bridge List Program  Requested Schedule (Proj. Manager):  4/6/2022 PE(PD) Start PE Auth PE	88 (254 Characters)				
superstructure is rated a "4". Repairs are required to the fascial girders and pier caps. Several bearings are in need of replacement, Full field painting is recommended as 25% of the steel proflective coating has either falled or is in poor condition, Additionally, waterproof membrane and overlay will also be included in this project. Bridge List No, 35, The PE phase includes a PDiFD split.  "This project affects one asset type (bridge), as identified in the Department's TAMP, and will help towards improving or the CTDOT Performance Measure of 95% for State Maintained Roadway Bridges in a State of Good Repair (by number). This project will improve the metric by 0.02%, Also, for the Federal Performance of %NHS Good dby deck area), this project will improve dicerease) this metric by 0.05%. The Federal Peasure of %NHS Good dby deck area) may also be improved (increase), if the scope of work is a full replacement or a rehabilitation that results in condition ratings of "7" or higher for all of the bridge components, which would improve this metric by 0.05%.  Alvaro Garcia  Project Engineer:  Dhvanl Patel  PP # PP057-0009, Bridge is on NBI and NHS. OB. description to start with "NHS -" for tracking of poor Bridge 00293.  PE PAED is 01/07/2028  Scope Code:  BP 2  BP 2 BP 2 - Bridge List Program  Requested Schedule (Proj. Manager):  4/6/2022 PE(PD) Start PE Auth PE					
replacement, Full field painting is recommended as 25% of the steel protective coating has either failed or is in poor condition. Additionally, waterproof membrane and overlay will also be included in this project. Bridge List No. 35. The PE phase includes a PD/FD splt.  "This project affects one asset type (bridge), as identified in the Department's TAMP, and will help towards improving or the CTDOT Performance Measure of 95% for State Maintained Roadway Bridges in a State of Good Repair (by number). This project will improve (decrease) this metric by 0.05%. The Federal Measure of 9kNHS Good (by deck area), this project will improve (decrease), this project will improve (decrease), if the scope of work is a full repartment or a rehabilitation that results in condition ratings of "7" or higher for all of the bridge components, which would improve this metric by 0.05%.  Advaro Garcia  Project Engineer:  Dhvani Patel  PP # PP057-0009. Bridge is on NBI and NHS. OBL description to start with "NHS." for tracking of poor Bridge 00293.  PE PAED is 01/07/2028  Scope Code:  BP 2  BP 2 - Bridge List Program  Requested Schedule (Proj. Manager):  4/6/2022  PE(PD) Start  PE Auth  9/20/2023  Design Approval/FD/RW  FDRW Auth  4/6/2022  PE(PD) Start  PE Auth  9/20/2023  Design Approval/FD/RW  FDRW Auth  FDRW Auth  FDRW Auth  FDRW Auth  FOR SABOLOD  ADV  Estimates Summary:  Project Type CN  Requested  CT  \$56,100,000  FD  \$974,000  FD  \$974,000  FD  \$974,000  RF  \$					
condition, Additionally, waterproof membrane and overlay will also be included in this project, Bridge List No, 35, The PE phase includes a PD/FD split.  "This project affects one asset type (bridge), as identified in the Department's TAMP, and will help towards improving or the CTDOT Performance Measure of 95% for State Maintained Roadway Bridges in a State of Good Repair (by number), This project will improve this metric by 0.02%. Also, for the Federal Performance Measures of under 10% NHS Poor (by deck area), this project will improve decrease) this metric by 0.05%. Also, for the Federal Performance Measures of which 500 drby deck area, this project will improve decrease) this metric by 0.05%. Also, for the Federal Performance of %NHS Good drby deck area and which would improve this metric by 0.05%.  Alvaro Garcia  Project Engineer:  Dhvani Patel  PP# PP057-0009, Bridge is on NBI and NHS. OBL description to start with "NHS -" for tracking of poor Bridge 00293.  PE PAED is 01/07/2028  Scope Code:  BP 2  BP 2 BP 2 Bridge List Program  Requested Schedule (Proj. Manager):  4/6/2022  PE(PD) Start  PE ALD  Assigned Schedule (Capital Planning):  4/6/2022  PE(PD) Start  PE ALD  5/28/2025  PDD  ADD  Town ADV  Project PL  \$580,000  PF OP L  \$580,000  PE or PL  \$580,000  PF OP STA Mount  Requested  NI  \$0  NI	1202 (1333 Characters)			·	•
#**This project affects one asset type (bridge), as identified in the Department's TAMP, and will help towards improving or the CTDOT Performance Measure of 95% for State Maintained Roadway Bridges in a State of Good Repair (by number). This project will improve this metric by 0.02%. Also, for the Federal Performance Measure of wh18 Poor (by deck area), this project will improve (decrease) this metric by 0.05%. The Federal Measure of wh18 Poor (by deck area) area) area in proved (increase), if the scope of work is a full replacement or a rehabilitation that results in condition ratings of "7" or higher for all of the bridge components, which would improve this metric by 0.05%.  ### Project Engineer:    PPI # PP057-0009. Bridge is on NBI and NHS. OBL description to start with "NHS." for tracking of poor Bridge 00293. PE PAED is 01/07/2028    PPI # PP057-0009. Bridge is on NBI and NHS. OBL description to start with "NHS." for tracking of poor Bridge 00293. PE PAED is 01/07/2028    PPI # PP057-0009. Bridge is on NBI and NHS. OBL description to start with "NHS." for tracking of poor Bridge 00293. PE PAED is 01/07/2028    PPI # PP057-0009. Bridge is on NBI and NHS. OBL description to start with "NHS." for tracking of poor Bridge 00293. PE PAED is 01/07/2028    PPI # PP057-0009. Bridge is on NBI and NHS. OBL description to start with "NHS." for tracking of poor Bridge 00293. PE PAED is 01/07/2028    PE Auth				be included in this project. B	ridge List No. 35. The PE
the CTDOT Performance Measure of 95% for State Maintained Roadway Bridges in a State of Good Repair (by number). This project will improve this metric by 0.02%. Also, for the Federal Performance Measures of under 10% NHS Poor (by deck area), this project will improve (decrease) this metric by 0.05%. The Federal Measure of %NHS Good (by deck area) may also be improved (increase), if the scope of work is a full replacement or a rehabilitation that results in condition ratings of "7" or higher for all of the bridge components, which would improve this metric by 0.05%.  Alvaro Garcia  PPI# PP057-0009. Bridge is on NBI and NHS. OBL description to start with "NHS -" for tracking of poor Bridge 00293. PE PAED is 01/07/2028  Scope Code: BP 2 BP 2 - Bridge List Program  Requested Schedule (Proj. Manager):  4/6/2022 PE(PD) Start PE Auth 9/20/2023 Design Approval/FD/RW FD/RW Auth 9/20/2023 DCD DCD DCD DCD DCD DCD DCD DCD DCD DC		phase includes a PD/FD	sp <b>l</b> it.		
This project will improve this metric by 0.02%. Also, for the Federal Performance Measures of under 10% NHS Poor (by deck area), this project will improve (decrease) this metric by 0.05%. The Federal Measure of wNHS Good (by deck area) may also be improved (increase), if the scope of work is full replacement or a rehabilitation that results in condition ratings of "7" or higher for all of the bridge components, which would improve this metric by 0.05%.  Alvaro Garcia  Project Engineer:  Dhvani Patel  PPI # PP057-0009. Bridge is on NBI and NHS. OBL description to start with "NHS -" for tracking of poor Bridge 00293.  PE PAED is 01/07/2028  Requested Schedule (Proj. Manager):  Assigned Schedule (Capital Planning):  4/6/2022 PE(PD) Start PE Auth 9/20/2023 Design Approval/FD/RW FD/RW Auth PD/RW A		***This project affects or	ne asset type (bridge), as identified in the	Department's TAMP, and will	he <b>l</b> p towards improving on
				, ,	
Project Manager:   area) may also be improved (increase), if the scope of work is a full replacement or a rehabilitation that results in condition ratings of "7" or higher for all of the bridge components, which would improve this metric by 0.05%.     Project Engineer:					
Alvaro Garcia   Project Engineer:   PPI # PP057-0009. Bridge is on NBI and NHS. OBL description to start with "NHS -" for tracking of poor Bridge 00293.   PE PAED is 01/07/2028	Project Manager:	7' '	, , ,		` '
Project Engineer:   PPI # PP057-0009. Bridge is on NBI and NHS. OBL description to start with "NHS -" for tracking of poor Bridge 00293.	Alvara Garaja	ratings of "7" or higher fo	or all of the bridge components, which wo	uld improve this metric by 0.08	5%.
Dhvani Pate    PE PAED is 01/07/2028		DDI # DD057 0000 Prid	go in an NPI and NUS OPI deparintion t	atort with "NIUS" for tracking	of noor Bridge 00202
Requested Schedule (Proj. Manager):	•	FF[#FF057-0009. Bild		o start with TNTIO - TOT tracking	or poor Bridge 00293.
Requested Schedule (Proj. Manager):		PD 2 Pridge List D			
A/6/2022   PE(PD) Start   PE Auth				Assigned Schedule (Ca	nital Planning):
State ADV	Nequ	` *		`_	pitaj r jaining).
State ADV					
Town ADV	G Ctata ADV			_	
Project   EST Amount   Requested   CT   \$6,100,000					
Project Type CN   EST Amount Type   Requested   EST Amount Requested   CT   \$6,100,000	Town ADV			_	
Project Type CN         EST Amount Requested         Activity         EST Amount Requested           PE or PL         \$580,000         CG         \$6,100,000           FD         \$394,000         IN         \$0           Total         \$974,000         NI         \$0           Project PL         \$974,000         NI         \$0           NI         \$0         NF         \$0           UT         \$0         NF         \$0           Project Type         EST Amount Requested         RF         \$0           Type         Requested         SF         \$0           TF         \$0	Estimates Summany		704	7.00	
Project Type         EST Amount Requested         Activity         EST Amount Requested Requested           PE or PL         \$580,000         CG         \$0           FD         \$394,000         IN         \$0           NI         \$0           NF         \$0           UT         \$0           Project Type         EST Amount Requested         RF         \$0           TF         \$0           TF         \$0	Estimates Summary.		Projec	t Type CN	
Type         Requested         Activity         Requested           PE or PL         \$580,000         CG         \$0           FD         \$394,000         IN         \$0           NI         \$0           NF         \$0           UT         \$0           Project         EST Amount         RF         \$0           Type         Requested         SF         \$0           TF         \$0	Project	EST Amount	•	•	EST Amount
PE or PL         \$580,000         CG         \$0           FD         \$394,000         IN         \$0           Total         \$974,000         NI         \$0           NF         \$0           UT         \$0           Project         EST Amount         RF         \$0           Type         Requested         SF         \$0           TF         \$0	*		Activit	<b>/</b>	
FD         \$394,000         IN         \$0           Total         \$974,000         NI         \$0           NF         \$0         UT         \$0           UT         \$0         RF         \$0           Type         Requested         SF         \$0           TF         \$0		·	СТ		\$6,100,000
Total         \$974,000         NI         \$0           NF         \$0           UT         \$0           Project         EST Amount         RF         \$0           Type         Requested         SF         \$0           TF         \$0			CG		•
Total         \$974,000         NF         \$0           UT         \$0           Project         EST Amount         RF         \$0           Type         Requested         SF         \$0           TF         \$0	FD	\$394,000			' '
Project         EST Amount         RF         \$0           Type         Requested         SF         \$0           TF         \$0         TF         \$0	Total	\$974,000			· · · · · · · · · · · · · · · · · · ·
ProjectEST AmountRF\$0TypeRequestedSF\$0TF\$0		7,			· ·
Type         Requested         SF         \$0           TF         \$0	Drojost	FOT A			·
TF \$0	•				· ·
	Type	Requesteu			·
TITE WOOLOOD OWN	RW	\$50,000	CM		\$0 \$0

Project Grand Total (Sum of Project Types) = \$7,124,000

\$50,000

**Total** 

Submitted by: (sign & date)	Approved by: (sign & date)
Project Manager (Print Name)  Jacob Booth	Sweeney, Bartholomer  Division Chief (Print Name)
Principal Engineer (Print Name) Louis D. Bach  Declar of the principal Engineer (Print Name) Principal Engineer (Print Name)	Director of Capital Services - Darren E. Meyers

Total

Estim	stimates for PL, PD, portion of PE, or total PE (if no PD/FD split):								Project ID	DOT	T005701	23PE	
Proj	Activity	Federal	Fed	Fed	Source	State Amount	State	State	Source	Other	Other	Other	Source
Proj Type	Activity	Amount	Fund	SID	Туре	State Amount	Fund	SID	Туре	Amount	Fund	SID	Туре
PE	PE0000	\$522,000	12062	22108	ZNHPP	\$58,000	13033	41393	ZSTEZ				
PE													
PE													
PE													
		\$522,000				\$58,000				\$0			
T	otal	\$580,000											

Estim	ates for F	D of PE portion	n:				RPM Project ID				DOT00570123FD		
Proj	A ativity	Federal	Fed	Fed	Source	State Amount	State	State	Source	Other	Other	Other	Source
Туре	Activity	Amount	Fund	SID	Туре	State Amount	Fund	SID	Туре	Amount	Fund	SID	Туре
FD	PE0000	\$354,600	12062	22108	ZNHPP	\$39,400	13033	41393	ZSTEZ				
FD													
FD													
FD													
		\$354,600				\$39,400				\$0			
1	Γotal	\$394,000											

Estin	nates for R	ights of Way:					RPM Project ID				DOT00570123RW		
Proj	A ativity	Federal	Fed	Fed	Source	State Amount	State	State	Source	Other	Other	Other	Source
Туре	Activity	Amount	Fund	SID	Туре	State Amount	Fund	SID	Туре	Amount	Fund	SID	Туре
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 DOT00						23CN
Proj	Activity	Federal	Fed	Fed	Source	State Amount	State	State	Source	Other	Other		
Туре		Amount	Fund	SID	Туре		Fund	SID	Туре	Amount	Fund	SID	Туре
CN	CT0000					\$6,100,000	13033	43123	ZSTEZ				
CN													
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\$0 \$6,100,000								\$0					
Total \$6,100,000													

Principal Engineer



# PROJECT MEMORANDUM FOR ENGINEERING

		OF TRANS		DATE: 4/21/2022
To: Darren E. Meyers	MOD	D# RPM	From: K	DATE: <u>4/21/2023</u> (. Zaniewski
Director of Capital Se			PE or PL Project ID:	
Bureau of Finance & A			FD Project ID:	
			RW Project ID:	
Please Review Project Inforn	nation and Estimate for	r Approval:	CN Project ID:	DOT00580307CN
Project Description (short	): I-95 SAFETY IMPRO	OVEMENTS		
	Safety improvement	s and pavement i	rehabilitation on I-95 Southbound in Gr	oton, Stonington, and
<b>Project Description (long</b>	): North Stonington.			
Justification	: This project involves	safety improvem	nents and pavement rehabilitation on I-	95 Southbound, from
	the vicinity of Interch	nange 89, SR 614	(Allyn Street/Mystic Street) at Milepoir	nt 99.9 to the Rhode
		•	The safety improvements include upgr	
	•		n criteria, installation of protective fenci	•
		•	I-95, and upgrading the illumination with ist of a combination of full depth reconst	
	overlay.	dilitation will cons	ist of a combination of full depth recons	struction and mili and
	ovonay.			
Project Manager:				
Natwick, Brian				
Project Engineer:	PPI#			
BL Companies				
Scope Code: RP 2	RP 2 - Rehab/Recor	nst by Contract	(Scope Code is only for a pro	ject w/CN phase)
Reques	sted Schedule (Projec	t Manager):		
		PE(PD) or PL		
		Design Appr	oval/FD/RW	
✓ State ADV	7/12/2023	FDP		
☐ Town ADV	8/23/2023	DCD		
	9/20/2023	ADV		
Estimates Summary:			Drainet Tura CN	
Project	EST Amount		Project Type CN	EST Amount
Туре	EST Amount Requested		Activity	EST Amount Requested
.,,,,,	itoquootou		СТ	\$50,500,000
PE or PL	\$0		CG	\$0
FD	\$0		IN	\$0
Total	\$0		NI	\$0
			NF LIT	\$0 \$0
Project	EST Amount		UT RF	\$0 \$0
Туре	Requested		SF	\$0
-31-			TF	\$0
RW	\$0		CM	\$0
Total	\$0		Total	\$50,500,000
	•			400,000,000
Project Gra	nd Total (Sum of Pr	roject Types) =	\$50,500,000	
Submitted by: (sign & date)			Approved by: (sign & date)	
Project Manager			Division Chief	
. •				

Director of Capital Services - Darren E. Meyers

	nates for F		1	_		no PD/FD split)		RPM		Project ID		0	
Proj	Activity	Federal	Fed	Fed	Source	State Amount	State	State	Source	Other	Other	Other	Source
Type	Activity	Amount	Fund	SID	Type	State Amount	Fund	SID	Type	Amount	Fund	SID	Туре
PE	PE0000												
PE													
PE													
PE													
		\$0				\$0			· · · · · ·	\$0			
	Total	<b>\$0</b>	0%	0%	0%	0%				4.5			
	Total	Ψ	Fed	State	Other	Total							
Estin	nates for F	D of PE portion		Otato	Other	Total		RPM		Project ID		0	
Proj		Federal	Fed	Fed	Source		State	State	Source	Other	Other	Other	Source
Type	Activity	Amount	Fund	SID	Type	State Amount	Fund	SID	Type	Amount	Fund	SID	Туре
FD	PE0000	7 timodric	i dila	O.D	1 9 0		1 dila	O.D	1 9 9 0	711100111	Tana	OID	1 9 9 0
FD	1 20000												
FD													
FD													
		<u> </u>				<u> </u>				<b>Ф</b> О			
	T	\$0	001	001	001	\$0				\$0			
	Total	\$0	0%	0%	0%	0%							
			Fed	State	Other	Total							
	mates for	Rights of Way	:					RPM		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			
		ΨΟ											
	Total		0%	0%	0%	0%							
	Total	<b>\$0</b>	0% Fed	0% State	0% Other	0% Total							
								RPM		Project ID	DOT	005803	B07CN
Estin	nates for (	\$0 Construction:	Fed	State	Other	Total	State		Source				
<b>Estim</b> Proj	nates for (	\$0 Construction:	Fed	State	Other	Total	State	State	Source	Other	Other	Other	Source
Estin		\$0 Construction:	Fed	State	Other		State Fund		Source Type				
<b>Estim</b> Proj	nates for (	\$0 Construction:	Fed Fed Fund	State Fed SID	Other	Total State Amount		State SID		Other	Other	Other	Source
Estim Proj Type	Activity	\$0  Construction:  Federal Amount	Fed Fed Fund 12062	Fed SID 22108	Source Type	Total State Amount		State SID	Туре	Other	Other	Other	Source
Estim Proj Type CN	Activity	Federal Amount \$1,000,000	Fed Fed Fund 12062	Fed SID 22108	Source Type ZNHPP	Total State Amount		State SID	Туре	Other	Other	Other	Source
Proj Type CN	Activity	Federal Amount \$1,000,000	Fed Fed Fund 12062	Fed SID 22108	Source Type ZNHPP	Total State Amount		State SID	Туре	Other	Other	Other	Source
Proj Type CN CN	Activity	Federal Amount \$1,000,000	Fed Fed Fund 12062	Fed SID 22108	Source Type ZNHPP	Total State Amount		State SID	Туре	Other	Other	Other	Source
Proj Type CN CN CN	Activity	Federal Amount \$1,000,000	Fed Fed Fund 12062	Fed SID 22108	Source Type ZNHPP	Total State Amount		State SID	Туре	Other	Other	Other	Source
Proj Type CN CN CN CN	Activity	Federal Amount \$1,000,000	Fed Fed Fund 12062	Fed SID 22108	Source Type ZNHPP	Total State Amount		State SID	Туре	Other	Other	Other	Source
Estin Proj Type CN CN CN CN	Activity	Federal Amount \$1,000,000	Fed Fed Fund 12062	Fed SID 22108	Source Type ZNHPP	Total State Amount		State SID	Туре	Other	Other	Other	Source
Proj Type CN CN CN CN CN CN	Activity	Federal Amount \$1,000,000	Fed Fed Fund 12062	Fed SID 22108	Source Type ZNHPP	Total State Amount		State SID	Туре	Other	Other	Other	Source
Proj Type CN CN CN CN CN CN	Activity	Federal Amount \$1,000,000	Fed Fed Fund 12062	Fed SID 22108	Source Type ZNHPP	Total State Amount		State SID	Туре	Other	Other	Other	Source
Estin Proj Type CN	Activity	Federal Amount \$1,000,000	Fed Fed Fund 12062	Fed SID 22108	Source Type ZNHPP	Total State Amount		State SID	Туре	Other	Other	Other	Source
Estin Proj Type CN	Activity	Federal Amount \$1,000,000	Fed Fed Fund 12062	Fed SID 22108	Source Type ZNHPP	Total State Amount		State SID	Туре	Other	Other	Other	Source
Estin Proj Type CN	Activity	Federal Amount \$1,000,000	Fed Fed Fund 12062	Fed SID 22108	Source Type ZNHPP	Total State Amount		State SID	Туре	Other	Other	Other	Source
Estin Proj Type CN	Activity	Federal Amount \$1,000,000	Fed Fed Fund 12062	Fed SID 22108	Source Type ZNHPP	Total State Amount		State SID	Туре	Other	Other	Other	Source
Estin Proj Type CN	Activity	Federal Amount \$1,000,000	Fed Fed Fund 12062	Fed SID 22108	Source Type ZNHPP	Total State Amount		State SID	Туре	Other	Other	Other	Source
Estin Proj Type CN	Activity	Federal Amount \$1,000,000	Fed Fed Fund 12062	Fed SID 22108	Source Type ZNHPP	Total State Amount		State SID	Туре	Other	Other	Other	Source
Estin Proj Type CN	Activity	Federal Amount \$1,000,000	Fed Fed Fund 12062	Fed SID 22108	Source Type ZNHPP	Total State Amount		State SID	Туре	Other	Other	Other	Source
Estin Proj Type CN	Activity	Federal Amount \$1,000,000	Fed Fed Fund 12062	Fed SID 22108	Source Type ZNHPP	Total State Amount		State SID	Туре	Other	Other	Other	Source
Estin Proj Type CN	Activity	Federal Amount \$1,000,000	Fed Fed Fund 12062	Fed SID 22108	Source Type ZNHPP	Total State Amount		State SID	Туре	Other	Other	Other	Source
Estin Proj Type CN	Activity	Federal Amount \$1,000,000	Fed Fed Fund 12062	Fed SID 22108	Source Type ZNHPP	Total State Amount		State SID	Туре	Other	Other	Other	Source
Estin Proj Type CN	Activity	\$0  Construction:  Federal Amount  \$1,000,000 \$44,450,000	Fed Fed Fund 12062	Fed SID 22108	Source Type ZNHPP	State Amount \$5,050,000		State SID	Туре	Other	Other	Other	Source
Estin Proj Type CN	Activity  CT0000  CT0000	\$0 Construction: Federal Amount \$1,000,000 \$44,450,000	Fed Fund 12062 12062	Fed SID 22108 22108	Source Type ZNHPP ZACZZ	Total  State Amount \$5,050,000  \$5,050,000		State SID	Туре	Other	Other	Other	Source
Estin Proj Type CN	Activity	\$0  Construction:  Federal Amount  \$1,000,000 \$44,450,000	Fed Fed Fund 12062	Fed SID 22108	Other  Source Type ZNHPP ZACZZ	State Amount \$5,050,000		State SID	Туре	Other	Other	Other	Source

### **DEPT. OF TRANSPORTATION**

### PROJECT ESTIMATE MODIFICATION

Page No.

92,500.00

92,500.00

92,500.00 925,000.00

0.00

0.00

0.00

0.00

03/08/2022 Run Date

Run Time 13:33:57

DOT00580339PE - Bridge #01771 & 01772 Rehab Project ID:

NHS - Rehabilitation of Bridge 01771 carrying I-95 Southbound and bridge 01772 carrying I-95 **Project Description:** 

Northbound over Route 12 in Groton.

Garcia Jr., Alvaro **Project Manager:** Prior Approval: No Prior Approval

Current Estimate: 03/08/2022 EI - From Estimate To Initiated **RPM Mod Justification:** 

Bridge 01771, built in 1964, is in poor condition and the superstructure is rated a "4".

Repairs required include beam end repairs and replacing the bearings at the pier caps. Bridge

01772, which is rated a "5" and was added due to its proximity (sister bridge - built the same year as 01771), also requires beam end repairs and bearings replacement. Deterioration forecasts also predict the need for a rehabilitation project for Bridge 01772 within the next few years. Full field painting is recommended for both bridges as up to 15% of the painted system has failed and is continuing to deteriorate. Waterproof membrane and overlay will also be included in this project. Bridge List No. 35. The PE phase includes a PD/FD split. PE PAED

### **ESTIMATE BY ACTIVITY:**

41393

**ZSTEZ** 

PE0000

13033

SOURCE ZSTEZ Subtotal:

Project DOT00580339PE Total:

SID 41393 Subtotal:

ACTIVITY PE0000 PE0000	FUND 12062 13033	SID 22108 41393 Activity PE00		CURRENT ESTIMATE 832,500.00 92,500.00 925,000.00	PRIOR APPROVAL  0.00 0.00 0.00	MODIFICATION 832,500.00 92,500.00 925,000.00
		Project DOT	00580339PE Total:	925,000.00	0.00	925,000.00
ESTIMATE BY SI	_					
<u>SID</u> 22108	SOURCE ZNHPP	ACTIVITY PE0000	<u>FUND</u> 12062	CURRENT ESTIMATE	PRIOR APPROVAL	MODIFICATION 832.500.00
22106	ZINHPP		IHPP Subtotal:	<u>832,500.00</u> 832,500.00	0.00	832,500.00
		COUNCE ZIV	irii i Gubtotai.		0.00	
		SID 22108 S	ubtotal:	832,500.00	0.00	832,500.00

92,500.00

92,500.00

92,500.00

925,000.00

Approved By:		
	Date:	Date:
See Attached		See Attached
	Date:	Date: 3/9/2022
See Attached		Capital Planning - Darren E. Meyers



# PROJECT MEMORANDUM FOR ENGINEERING

DATE: 12/3/2021

To: Darren E. Meyers MOD # RPM From: L. Zhang for Alvaro Garcia

Director of Capital Services
Bureau of Finance & Administration

Project	FOT A	Pro	ject Type CN	FOT A
Estimates Summary:				
☐ Town ADV	8/13/2025	ADV	ADV	
	7/16/2025	DCD PAED is 1/14/2	028 DCD	
✓ State ADV	6/4/2025	FDP	FDP	
	9/27/2023	Design Approval/FD/RW	FD/RW Auth	
	4/13/2022	PE(PD) Start	PE Auth	
	quested Schedule (Proj. M	•	Assigned Schedule (Ca	pital Planning):
Scope Code: BP 2		. , , ,	, ,	
Dhvani Patel	PPI # PP058-0012. "NHS"	to be included in project descriptio	n to track poor bridge 01771.	
Alvaro Garcia Project Engineer:	will improve (decrease) this more be improved (increase), if the	22%. Also, for the Federal Performand netric by 0.05% (1345.24 sq. meters). a scope of work is a full replacement on hts, which would improve this metric b	The Federal Measure of %NHS Gor r a rehabilitation that results in cond	ood (by deck area) may also
Project Manager:		set type (bridge), as identified in the Dree of 95% for State Maintained Roadw		
<b>Justificat</b> 731 (1333 Character	repairs and replacing the be (sister bridge - built the san forecasts also predict the n recommended for both brid	, is in poor condition and the supersearings at the pier caps. Bridge 017 ne year as 01771), also requires be eed for a rehabilitation project for Elges as up to 15% of the painted sy also be included in this project. Bri	772, which is rated a "5" and was eam end repairs and bearings rep Bridge 01772 within the next few y estem has failed and is continuing	added due to its proximity lacement. Deterioration rears. Full field painting is to deteriorate. Waterproof
27 (30 Characters Project Description (Id 128 (254 Characters	ong): Northbound over Rout	of Bridge 01771 carrying I-95 te 12 in Groton.	Southbound and bridge 0°	1772 carrying I-95
	ort): Bridge #01771 & 0177			
	ormation and Estimate for A		CN Project ID:	DOT00580339CN
		,	RW Project ID.	DOTOGGGGGGRW

Estimates Summary:		Project Type CN	
Project Type	EST Amount Requested	Activity	EST Amount Requested
		CT	\$13,000,000
PE or PL	\$925,000	CG	\$0
FD	\$670,000	IN	\$0
Total	£4 505 000	NI	\$0
Total	\$1,595,000	NF	\$0
		UT	\$0
Project	EST Amount	RF	\$0
Туре	Requested	SF	\$0
		TF	\$0
RW	\$50,000	CM	\$0
Total	\$50,000	Total	\$13,000,000
Projec	ct Grand Total (Sum of Project Ty	(pes) = \$14.645.000	

Submitted by: (sign & date)	Approved by: (sign & date)
Project Manager (Print Name)  Jacob Booth	Division Chief (Print Name)  Sweeney, Bartholomew  Sweeney, Bartholomew  Division Chief (Print Name)
Principal Engineer (Print Name) and for Cashill Engineer (Print Name)	Director of Capital Services - Darren E. Meyers

Estim	ates for P		Project ID	DOT	T005803	39PE							
Proj	Activity	Federal	Fed	Fed	Source	State Amount	State	State	Source	Other	Other	Other	Source
Proj Type	Activity	Amount	Fund	SID	Туре	State Amount	Fund	SID	Туре	Amount	Fund	SID	Туре
PE	PE0000	\$832,500	12062	22108	ZNHPP	\$92,500	13033	41393	ZSTEZ				
PE													
PE													
PE													
		\$832,500				\$92,500				\$0			
T	otal	\$925,000											

Estim	ates for F	D of PE portion	n:					RPM		Project ID	DOT	339FD	
Proj	Activity	Federal	Fed	Fed	Source	State Amount	State	State	Source	Other	Other	Other	Source
Туре	Activity	Amount	Fund	SID	Туре	State Amount	Fund	SID	Туре	Amount	Fund	SID	Туре
FD	PE0000	\$603,000	12062	22108	ZNHPP	\$67,000	13033	41393	ZSTEZ				
FD													
FD													
FD													
		\$603,000				\$67,000				\$0			
٦	Total \$670,000												

Estin	nates for R	ights of Way:						RPM Proje			DOT00580339RW		
Proj	Activity	Federal	Fed	Fed	Source	State Amount	State	State	Source	Other	Other	Other	Source
Туре	Activity	Amount	Fund	SID	Туре	State Amount	Fund	SID	Туре	Amount	Fund	SID	Туре
RW	RW0000	\$45,000	12062	22108	ZNHPP	\$5,000	13033	41393	ZSTEZ				
RW													
RW													
RW													
		\$45,000				\$5,000				\$0			
1	Γotal	\$50,000											-

Estim	ates for C	onstruction:					RPM Project ID				DOT00580339CN		
Proj	Activity	Federal	Fed	Fed	Source	State Amount	State	State	Source	Other	Other	Other	Source
Туре	-	Amount	Fund	SID	Туре		Fund	SID	Туре	Amount	Fund	SID	Туре
CN	CT0000					\$13,000,000	13033	43123	ZSTEZ				
CN													
CN													
CN													
CN													
CN													
CN													
CN													
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CN													
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CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
\$0 \$13,000,000							\$0						
1	otal	\$13,000,000											

### **DEPT. OF TRANSPORTATION**

### PROJECT ESTIMATE MODIFICATION

Page No. 1 Run Date

**MODIFICATION** 

<u> 400 000 0</u>0

06/09/2022 Run Time 12:18:43

Project ID:

DOT00580341PE - I-95 Int. 89 Ramp Improvements Signalization of SR 614 (Allyn St) at I-95 Interchange 89 NB & SB Ramps & Sandy Hollow Rd in Groton; **Project Description:** 

pavement marking revisions; closure of sidewalk gap; bridge #01786 (SR 614 over I-95) joint

replacement & beam end work; mill & overlay.

Project Manager: Arsenault, Joseph D Prior Approval: No Prior Approval

06/09/2022 EI - From Estimate To Initiated **Current Estimate: RPM** 

**Mod Justification:** Originally proposed to be included in Project 58-307 (from 2004 I-95 East Study - broken out

for time and scope). Project includes signalization of SR 614 at I-95 NB and SB Ramps and Sandy Hollow Road - 3 new signalized intersections; closure of sidewalk gap along SR 614 to Sandy Hollow Road intersection; and bridge #01786 joint replacement and beam end work. Due to the roadway geometry changes, extensive pavement marking changes and the recommended bridge

**CURRENT ESTIMATE** 

PRIOR APPROVA

work, the entire project limits will be milled and overlaid. Project is needed to address geometric and operational deficiencies at both I-95 ramps and SR 614, including peak-hour congestion at ramp termini, which currently spills back onto I-95 mainline. The PE phase

includes a PD/FD split. PE PAED 3/31/28.

SOURCE

SID 22108

PE0000	12062	22108 ZSTPA	400,000.00	0.00	400,000.00
PE0000	13033	41404 ZSTEZ	100.000.00	0.00	100,000.00
		Activity PE0000 Subtotal:	500,000.00	0.00	500,000.00
		Project DOT00580341PE Total:	500,000.00	0.00	500,000.00
ESTIMATE BY S	ID:				
SID	SOURCE	ACTIVITY FUND	CURRENT ESTIMATE	PRIOR APPROVAL	MODIFICATION
22108	ZSTPA	PE0000 12062	400,000.00	0.00	400,000.00
22100	201171	SOURCE ZSTPA Subtotal:	400,000.00	0.00	400,000.00
		SID 22108 Subtotal:	400,000.00	0.00	400,000.00
41404	ZSTEZ	PE0000 13033	100.000.00	0.00	100,000.00
		SOURCE ZSTEZ Subtotal:	100,000.00	0.00	100,000.00
		SID 41404 Subtotal:	100,000.00	0.00	100,000.00
		Project DOT00580341PE Total:	500,000.00	0.00	500,000.00

Approved By:			
	Date:	Date:	
See Attached		See Attached	
	Date:	Date: 6/9/2022	
See Attached		Capital Planning - Darren 7. Meyers	



# PROJECT MEMORANDUM FOR **ENGINEERING**

DATE: 3/29/2022

L. Zhang for Marissa Pfaffinger To: Darren E. Meyers MOD# From: **Director of Capital Services** 

**Bureau of Finance & Administration** 

PE or PL Project ID: DOT00580341PE FD Project ID: DOT00580341FD

Please Review Project Inform	nation and Estimate for	Approval:	RW Project ID: CN Project ID:	DOT00580341RW DOT00580341CN
Project Description (short)			211 1 Tojest 12.	2010000011011
30 (30 Characters)		14 (Allyn St) at I-95 Interchange	e 89 NB & SB Ramps & S	Sandy Hollow Rd in
Project Description (long)		arking revisions; closure of side		
237 (254 Characters)	•	peam end work; mill & overlay.		,
Justification:		o be included in Project 58-307	•	•
		ject includes signalization of SF signalized intersections; closur		-
		ction; and bridge #01786 joint re		_
		nanges, extensive pavement ma		
	•	ect limits will be milled and overl		_
	•	iencies at both I-95 ramps and		_
Project Manager:	ramp termini, which t	currently spills back onto I-95 m	amine. The PE phase in	ciudes a PD/FD spiit.
Joseph Arsenault	PPI # PP058-0011.			
Project Engineer:				
Byong Kim		PE PAED is 3/31/	28	
Scope Code: OI 1	OI 1 - Intersection Im	•		
Reque	sted Schedule (Proj. I		Assigned Schedule (Ca	pital Planning):
	ASAP; latest 9/28/2		PE Auth	
	2/28/2024 8/20/2025	Design Approval/FD/RW FDP	FD/RW AuthFDP	
✓ State ADV	10/1/2025	DCD	DCD	
Town ADV	10/29/2025	ADV	ADV	
Estimates Summary:		D	of Towns ON	
Project	EST Amount	Ť	ct Type CN	EST Amount
Туре	Requested	Activi	ty	Requested
		СТ		\$5,620,000
PE or PL	\$500,000	CG		\$0 \$0
FD	\$375,000	IN NI		\$0 \$0
Total	\$875,000	——————————————————————————————————————		\$0 \$0
		UT		\$0
Project	EST Amount	RF		\$0
Туре	Requested	SF		\$0
RW	\$50,000	TF CM		\$0 \$0
Total	\$50,000	Tota		\$5,620,000
Project Gra	nd Total (Sum of Pr	oject Types) = \$6,545,000		
Submitted by: (sign & date)		Annro	ved by: (sign & date)	
Not Required			$M_{\ell} / M / M / M = 0$ Digitally s	signed by Calabrese, Michael 22.04.11 22:25:48-04'00'
Project Manager			on Chief - Michael N. Calabres	
Maissa y. Affil Digit Date	ally signed by Marissa L Pfaffinger :: 2022.04.04 10:44:49-04'00'		Danu Mayer 4/12/2	2022
Principal Engineer - Marissa L Pfat	ffinger	Directo	or of Capital Services - Darren	E. Meyers

Estin	nates for F	L, PD, portior	າ of PE,	or tota	l PE (if r	no PD/FD split)	):	RPM		Project ID	DOT	T005803	341PE
Proj	A ativity	Federal	Fed	Fed	Source	State Amount	State	State	Source	Other	Other	Other	Source
Туре	Activity	Amount	Fund	SID	Туре	State Amount	Fund	SID	Туре	Amount	Fund	SID	Туре
PE	PE0000	\$400,000	12062	22108	ZSTPA	\$100,000	13033	41404	ZSTEZ				
PE													
PE													
PE													
		\$400,000				\$100,000				\$0			
	Total	\$500,000											

Estin	nates for F	D of PE portion	on:					RPM		Project ID	DOT	OT00580341FD	
Proj	Activity	Federal	Fed	Fed	Source	State Amount	State	State	Source	Other	Other	Other	Source
Proj Type	Activity	Amount	Fund	SID	Туре	State Amount	Fund	SID	Туре	Amount	Fund	SID	Туре
FD	PE0000	\$300,000	12062	22108	ZSTPA	\$75,000	13033	41404	ZSTEZ				
FD													
FD													
FD													
		\$300,000				\$75,000				\$0			
-	Total	\$375,000											

Estin	nates for l	Rights of Way	<b>'</b> :					RPM		Project ID	DOT00580341RW		
Proj	A ativity	Federal	Fed	Fed	Source	State Amount	State	State	Source	Other	Other	Other	Source
Туре	Activity	Amount	Fund	SID	Туре	State Amount	Fund	SID	Туре	Amount	Fund	SID	Туре
RW	RW0000	\$40,000	12062	22108	ZSTPA	\$10,000	13033	41404	ZSTEZ				
RW													
RW													
RW													
	٠	\$40,000	-			\$10,000				\$0			
1	Γotal	\$50,000											

Estin	nates for C	Construction:						RPM		Project ID	DOT	005803	41CN
Proj Type		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	\$4,496,000	12062	22108	ZSTPA	\$1,124,000	13033	41404	ZSTEZ				
CN													
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CN													
		\$4,496,000				\$1,124,000				\$0			
	Total	\$5,620,000								_			



## PROJECT MEMORANDUM FOR **ENGINEERING**

DATE: 7/26/2022

To: Darren E. Meyers MOD# **RPM** 

**Director of Capital Services Bureau of Finance & Administration** 

L. Zhang for Jacob Booth From: DOT00850147PE PE or PL Project ID:

FD Project ID: DOT00850147FD RW Project ID: DOT00850147RW CN Project ID: DOT00850147CN

Please Review Project Information and Estimate for Approval:

Project Description (short):	Mohegan-Pequot Br #03426 Rehab	
30 (30 Characters)	Rehabilitation of the Mohegan-Pequot Bridge	No. 03426 carrying Route 2A over the Thames
Project Description (long):	River, New England Central Railroad and Prov	ridence & Worcester Railroad between Montville and
190 (254 Characters)	Preston.	

Justification: Movement at the piers during normal activity has been noted as being excessive and possibly placing undue stress on the Pin and Hangers. A pier analysis will be conducted to determine a repair method and the Pin and Hanger assembly will also be repaired. A new fender system for the piers will be included in the project scope. An RSR will be done to determine if further rehabilitation of this bridge will be required. The PE phase includes a PD/FD split.

**Project Manager:** Sowatei Lomotei

Project Engineer:

This project is being initiated under the Major Bridge Program, a program developed to address the Department's Major Structures within our bridge inventory and maintain their major components in a State of Good Repair. This rehabilitation project is being programmed using additional reauthorization funding from the Infrastructure Investment and Jobs Act (IIJA).

PPI# PP085-0004.

Scope Code: BP 1 BP 1 - Major Bridge Rehab/Replacement

	Reques	ted Schedule (Proj. I	Manager):		Assigned Schedule (C	apital Planning):
		10/5/2022	PE(PD)	Start	PE Auth	
		2/14/2024	Design	Approval/FD/RW	FD/RW Auth	
1	State ADV	8/27/2025	FDP		FDP	
	Town ADV	10/8/2025	DCD	PE PAED is 4/7/2028	DCD	
	TOWITADV	11/5/2025	ADV		ADV	

Estimates Summary:			
		Project Type CN	
Project Type	EST Amount Requested	Activity	EST Amount Requested
		СТ	\$7,600,000
PE or PL	\$655,000	CG	\$0
FD	\$454,000	IN	\$0
Total	<u> </u>	NI	\$0
Total	\$1,109,000	NF	\$0
		UT	\$0
Project	EST Amount	RF	\$0
Туре	Requested	SF	\$0
		TF	\$0
RW	\$50,000	СМ	\$0
Total	\$50,000	Total	\$7,600,000

Submitted by: (sign & date)	Approved by: (sign & date)
Project Manager Jacob A. Booth Date: 2022.09.07 12:40:40-04'00'	Division Chief  Sweeney, Bartholomew  Bartholomew  Division Chief  Sweeney, Bartholomew  Division Chief  Division Chief  Sweeney, Bartholomew  Division Chief  Division Chief
Principal Engineer N/A, DC only	Director of Capital Services - Darren E. Meyers

Project Grand Total (Sum of Project Types) = \$8,759,000

Estima	stimates for PL, PD, portion of PE, or total PE (if no PD/FD split):									Project ID	DOT	T008501	47PE
Proj	Activity	Federal	Fed	Fed	Source	State Amount	State	State	Source	Other	Other	Other	Source
Туре	Activity	Amount	Fund	SID	Туре	State Amount	Fund	SID	Туре	Amount	Fund	SID	Туре
PE	PE0000	\$524,000	12062	22108	ZNHPP	\$131,000	13033	41393	ZSTEZ				
PE													
PE													
PE													
		\$524,000				\$131,000				\$0			
Т	otal	\$655,000											

<b>Estim</b>	ates for F	D of PE portio	n:					RPM		Project ID	DOT00850147FD		
Proj	Activity	Federal	Fed	Fed	Source	State Amount	State	State	Source	Other	Other	Other	Source
Туре	Activity	Amount	Fund	SID	Туре	State Amount	Fund	SID	Туре	Amount	Fund	SID	Туре
FD	PE0000	\$363,200	12062	22108	ZNHPP	\$90,800	13033	41393	ZSTEZ				
FD													
FD													
FD													
		\$363,200				\$90,800				\$0			
1	otal	\$454,000											

Estim	ates for R	ights of Way:					RPM Project ID			Project ID	DOT00850147RW		
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					\$50,000	13033	43123	ZSTEZ				
RW													
RW													
RW													
,		\$0				\$50,000				\$0			
T	otal	\$50,000											

Estim	ates for C	onstruction:						RPM		Project ID	DOT	008501	47CN
Proj	A ativity	Federal	Fed	Fed	Source	State Amount	State	State	Source	Other	Other	Other	Source
Туре	Activity	Amount	Fund	SID	Туре	State Amount	Fund	SID	Туре	Amount	Fund	SID	Туре
CN	CT0000	\$6,080,000	12062	22108	ZBRFP	\$1,520,000	13033	41393	ZSTEZ				
CN													
CN													
CN													
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CN													
CN													
CN													
CN													
CN													
CN													
		\$6,080,000				\$1,520,000				\$0			
	Γotal	\$7,600,000											



## PROJECT MEMORANDUM FOR **ENGINEERING**

DATE: 7/26/2022

To: Darren E. Meyers MOD# **RPM** 

**Director of Capital Services Bureau of Finance & Administration** 

L. Zhang for Jacob Booth From: DOT00850147PE PE or PL Project ID:

FD Project ID: DOT00850147FD RW Project ID: DOT00850147RW CN Project ID: DOT00850147CN

Please Review Project Information and Estimate for Approval:

Project Description (short):	Mohegan-Pequot Br #03426 Rehab	
30 (30 Characters)	Rehabilitation of the Mohegan-Pequot Bridge	No. 03426 carrying Route 2A over the Thames
Project Description (long):	River, New England Central Railroad and Prov	ridence & Worcester Railroad between Montville and
190 (254 Characters)	Preston.	

Justification: Movement at the piers during normal activity has been noted as being excessive and possibly placing undue stress on the Pin and Hangers. A pier analysis will be conducted to determine a repair method and the Pin and Hanger assembly will also be repaired. A new fender system for the piers will be included in the project scope. An RSR will be done to determine if further rehabilitation of this bridge will be required. The PE phase includes a PD/FD split.

**Project Manager:** Sowatei Lomotei

Project Engineer:

This project is being initiated under the Major Bridge Program, a program developed to address the Department's Major Structures within our bridge inventory and maintain their major components in a State of Good Repair. This rehabilitation project is being programmed using additional reauthorization funding from the Infrastructure Investment and Jobs Act (IIJA).

PPI# PP085-0004.

Scope Code: BP 1 BP 1 - Major Bridge Rehab/Replacement

	Reques	ted Schedule (Proj. I	Manager):		Assigned Schedule (Capital Plannin				
		10/5/2022	PE(PD)	Start	PE Auth				
		2/14/2024	Design	Approval/FD/RW	FD/RW Auth				
1	State ADV	8/27/2025	FDP		FDP				
	Town ADV	10/8/2025	DCD	PE PAED is 4/7/2028	DCD				
	TOWITADV	11/5/2025	ADV		ADV				

Estimates Summary:			
		Project Type CN	
Project Type	EST Amount Requested	Activity	EST Amount Requested
		СТ	\$7,600,000
PE or PL	\$655,000	CG	\$0
FD	\$454,000	IN	\$0
Total	<u> </u>	NI	\$0
Total	\$1,109,000	NF	\$0
		UT	\$0
Project	EST Amount	RF	\$0
Туре	Requested	SF	\$0
		TF	\$0
RW	\$50,000	СМ	\$0
Total	\$50,000	Total	\$7,600,000

Submitted by: (sign & date)	Approved by: (sign & date)
Project Manager Jacob A. Booth Date: 2022.09.07 12:40:40-04'00'	Division Chief  Sweeney, Bartholomew  Bartholomew  Division Chief  Sweeney, Bartholomew  Division Chief  Division Chief  Sweeney, Bartholomew  Division Chief  Division Chief
Principal Engineer N/A, DC only	Director of Capital Services - Darren E. Meyers

Project Grand Total (Sum of Project Types) = \$8,759,000

Estima	timates for PL, PD, portion of PE, or total PE (if no PD/FD split):									Project ID DOT0085		T008501	47PE
Proj	Activity	Federal	Fed	Fed	Source	State Amount	State	State	Source	Other	Other	Other	Source
Туре	Activity	Amount	Fund	SID	Туре	State Amount	Fund	SID	Туре	Amount	Fund	SID	Туре
PE	PE0000	\$524,000	12062	22108	ZNHPP	\$131,000	13033	41393	ZSTEZ				
PE													
PE													
PE													
		\$524,000				\$131,000				\$0			
Т	otal	\$655,000											

<b>Estim</b>	ates for F	D of PE portio	n:					RPM		Project ID	DOT00850147FD		
Proj	Activity	Federal	Fed	Fed	Source	State Amount	State	State	Source	Other	Other	Other	Source
Туре	Activity	Amount	Fund	SID	Туре	State Amount	Fund	SID	Туре	Amount	Fund	SID	Туре
FD	PE0000	\$363,200	12062	22108	ZNHPP	\$90,800	13033	41393	ZSTEZ				
FD													
FD													
FD													
		\$363,200				\$90,800				\$0			
1	otal	\$454,000											

Estim	ates for R	ights of Way:					RPM Project ID			Project ID	DOT00850147RW		
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					\$50,000	13033	43123	ZSTEZ				
RW													
RW													
RW													
,		\$0				\$50,000				\$0			
T	otal	\$50,000											

Estim	ates for C	onstruction:						RPM		Project ID	DOT	008501	47CN
Proj	A ativity	Federal	Fed	Fed	Source	State Amount	State	State	Source	Other	Other	Other	Source
Туре	Activity	Amount	Fund	SID	Туре	State Amount	Fund	SID	Туре	Amount	Fund	SID	Туре
CN	CT0000	\$6,080,000	12062	22108	ZBRFP	\$1,520,000	13033	41393	ZSTEZ				
CN													
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CN													
CN													
CN													
CN													
		\$6,080,000				\$1,520,000				\$0			
	Γotal	\$7,600,000											

### **DEPT. OF TRANSPORTATION**

### PROJECT ESTIMATE MODIFICATION

Page No. 1

Run Date 12/21/2021

Run Time 15:34:14

DOT00940264PE - NHS Bridge 02572 Replacement Project ID:

Replacement of NHS Bridge No. 02572 carrying U.S. Route 1 Northbound over I-95 Ramp 310 and SR 641 **Project Description:** 

in New London. Lessard, Derick M **Project Manager:** Prior Approval: No Prior Approval

12/21/2021 **Current Estimate:** EI - From Estimate To Initiated RPM

**Mod Justification:** The superstructure is in poor condition and this bridge was chosen as a replacement over

rehabilitation in an effort to reduce the span length and reduce future maintenance costs. Bridge List No. 35. The PE phase includes a PD/FD split.

<u>ACTIVITY</u>	<u>FUND</u>	SID SOU	JRCE_	CURRENT ESTIMATE	PRIOR APPROVAL	MODIFICATION
PE0000	12062	22108 ZNH	PP	772,000.00	0.00	772,000.00
PE0000	13033	41393 ZSTI	EZ	193,000.00	0.00	193,000.00
		Activity PE0000 Sul	btotal:	965,000.00	0.00	965,000.00
		Project DOT009402	264PE Total:	965,000.00	0.00	965,000.00
FOTIMATE DV O	<b>-</b>					
ESTIMATE BY SI	<u>D:</u>					
SID	SOURCE	ACTIVITY FUN	ID	CURRENT ESTIMATE	PRIOR APPROVAL	MODIFICATION
22108	ZNHPP	PE0000 1206		772,000.00	0.00	772,000.00
		SOURCE ZNHPP S		772.000.00	0.00	772.000.00
						,
		SID 22108 Subtotal	l:	772,000.00	0.00	772,000.00
41393	ZSTEZ	PE0000 1303		193,000.00	0.00	193,000.00
		SOURCE ZSTEZ S	Subtotal:	193,000.00	0.00	193,000.00
		SID 41393 Subtotal	l:	193,000.00	0.00	193,000.00
		D:+ DOT000400	OCADE Tatal	005 000 00		005,000,00
		Project DOT009402	204PE 10tal:	965,000.00	0.00	965,000.00

Approved By:		
	Date:	Date:
See Attached		See Attached
	Date:	Date: 12/21/2021
See Attached		Capital Planning - Darren F. Meyers



# PROJECT MEMORANDUM FOR ENGINEERING

DATE: 10/6/2021

DOT00940264CN

To: Darren E. Meyers MOD # RPM From: L. Zhang for Alvaro Garcia

**Director of Capital Services** 

**Bureau of Finance & Administration** 

PE or PL Project ID: **DOT00940264PE**FD Project ID: **DOT00940264FD** 

CN Project ID:

RW Project ID: **DOT00940264RW** 

Please Review Project Information and Estimate for Approval:

Project Descri	ption (short):	NHS Bridge 02572 Replacement
		Replacement of NHS Bridge No. 02572 carrying U.S. Route 1 Northbound over I-95 Ramp 310
Project Descr	ription (long):	and SR 641 in New London.
113 (254 C	characters)	
	Justification:	The superstructure is in poor condition and this bridge was chosen as a replacement over
806 (1333 (	Characters)	rehabilitation in an effort to reduce the span length and reduce future maintenance costs. Bridge List No. 35. The PE phase includes a PD/FD split.
Project Manager:		This project affects one asset type (bridge), as identified in 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 Good Repair (by number). This project will improve this metric by 0.02%. Also, for the Federal Performance Measures of under 10% NHS Poor (by deck area), this project will improve (decrease) this metric by 0.03%. The Federal Measure of % NHS Good (by deck area) will also be improved (increase), if full replacement, and would improve this metric by 0.03%.
Alvaro G	arcia	and notice in process and medically cross so
Project Engineer:		PPI # PP094-0007. Bridge is on NBI and NHS. OBL description to start with "NHS -" for tracking. CN phase
Luke A	Arno	to draw down off the FY25 "Brdg-Pres" placeholder under FIF-Bridge in the OBL.
Scope Code:	BP 2	BP 2 - Bridge List Program
	Reques	ted Schedule (Proj. Manager): Assigned Schedule (Capital Planning):

	Request	ed Schedule (Proj.	Ass	igned Schedule (C	apital Planning):		
		3/9/2022	PE(PD)	Start	PE Auth		
		4/26/2023	Design	Approval/FD/RW	FD/RW Auth		
✓ State ADV		5/14/2025	FDP		FDP		
Town ADV		6/25/2025	DCD	PE PAED is 12/24/2027	DCD		
		7/23/2025	ADV		ADV		
Fatimates Ourses		_		_			

Estimates Summary:		Project Type CN	
Project Type	EST Amount Requested	Activity	EST Amount Requested
		СТ	\$13,800,000
PE or PL	\$965,000	CG	\$0
FD	\$702,000	IN	\$0
Total	\$1,667,000	NI	\$0
IOlai	\$1,007,000	NF	\$0
		UT	\$0
Project	EST Amount	RF	\$0
Туре	Requested	SF	\$0
		TF	\$0
RW	\$50,000	CM	\$0
Total	\$50,000	Total	\$13,800,000
Proie	ct Grand Total (Sum of Project Ty	pes) = \$15.517.000	

Submitted by: (sign & date)

Approved by: (sign & date)

Digitally signed by Alvaro Garcia Jr., P.E.
Date: 2021.10.29 1224:25-0400

Division Chief (Print Name)

Estim	Estimates for PL, PD, portion of PE, or total PE (if no PD/FD split):								Project ID	DOT	009402	264PE	
Proj	Activity	Federal	Fed	Fed	Source	State Amount	State	State	Source	Other	Other	Other	Source
Туре	Activity	Amount	Fund	SID	Туре	State Amount	Fund	SID	Туре	Amount	Fund	SID	Туре
PE	PE0000	\$772,000	12062	22108	ZNHPP	\$193,000	13033	41393	ZSTEZ				
PE													
PE													
PE													
		\$772,000				\$193,000				\$0			
1 1	Total	\$965,000											=

Estim	Estimates for FD of PE portion:						RPM Project ID			DOT	DOT00940264FD		
Proj	Activity	Federal	Fed	Fed	Source	State Amount	State	State	Source	Other	Other	Other	Source
Proj Type	Activity	Amount	Fund	SID	Туре	State Amount	Fund	SID	Туре	Amount	Fund	SID	Туре
FD	PE0000	\$561,600	12062	22108	ZNHPP	\$140,400	13033	41393	ZSTEZ				
FD													
FD													
FD													
		\$561,600				\$140,400				\$0			
-	Γotal	\$702,000											

Estin	nates for R	Rights of Way						RPM		Project ID	DOT	009402	64RW
Proj	Activity	Federal	Fed	Fed	Source	State Amount	State	State	Source	Other	Other	Other	Source
Туре	Activity	Amount	Fund	SID	Туре	State Amount	Fund	SID	Туре	Amount	Fund	SID	Туре
RW	RW0000	\$40,000	12062	22108	ZNHPP	\$10,000	13033	41393	ZSTEZ				
RW													
RW													
RW													
		\$40,000	•			\$10,000				\$0			
1	Γotal	\$50,000											

Estim	ates for C	onstruction:						RPM		Project ID	DOT	009402	264CN
Proj	Activity	Federal	Fed	Fed	Source	State Amount	State	State	Source	Other	Other		
Туре	-	Amount	Fund	SID	Type		runa	SID	Туре	Amount	Fund	SID	Type
CN	CT0000					\$13,800,000	13033	43123	ZSTEZ				
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
		\$0				\$13,800,000				\$0			
7	<b>Total</b>	\$13,800,000											

### **DEPT. OF TRANSPORTATION**

### PROJECT ESTIMATE MODIFICATION

Page No. 1

03/29/2022 Run Date

Run Time 15:47:59

DOT01010119PE - Culvert Replacement - CT 201 Project ID:

Replace twin 48" CMPs under CT Route 201 in North Stonington, due to failing condition, with either **Project Description:** 

twin 48¿ Reinforced Concrete Pipes (RCPs) or Concrete Box Culvert with concrete endwalls, pending

hydraulic analysis/environmental considerations.

Project Manager: Bushee, AS No Prior Approval Prior Approval:

EI - From Estimate To Initiated **Current Estimate:** 03/29/2022 **RPM** 

Mod Justification: CTDOT District 2 Maintenance has requested replacement of the twin Corrugated Metal Pipes

(CMPs). The existing CMPs were installed in 1939 as part of the construction of Route 201 (Cossaduck Hill Road) to carry Ashwillet Brook under Route 201 from Anderson; s Pond. By 2009, the condition of the CMPs had deteriorated to the point where section losses and joint separation were causing backfill material to get washed away and the formation of voids. This condition necessitated corrective action that was performed by CTDOT Maintenance. In the years since, the roadway has continued to settle with frequent pavement patches needed to keep the roadway functional. Condition has reached a point where maintenance efforts are no

longer sufficient and a project is needed to address for the continued stability of the

roadway. The PE phase includes a PD/FD split. PE PAED 4/14/2028.

ESTIMATE BY S	SID:					
		Project DC	T010101119PE Total:	700,000.00	0.00	700,000.00
		Activity PE	0000 Subtotal:	700,000.00	0.00	700,000.00
PE0000	13033	41404	ZSTEZ	140,000.00	0.00	140,000.00
PE0000	12062	22108	ZSTPR	560.000.00	0.00	560,000.00
ACTIVITY	FUND	SID	SOURCE	CURRENT ESTIMATE	PRIOR APPROVAL	MODIFICATION

SID	SOURCE	ACTIVITY FUND	CURRENT ESTIMATE	PRIOR APPROVAL	MODIFICATION
22108	ZSTPR	PE0000 12062	560,000.00	0.00	560,000.00
		SOURCE ZSTPR Subtotal:	560,000.00	0.00	560,000.00
		SID 22108 Subtotal:	560,000.00	0.00	560,000.00
41404	ZSTEZ	PE0000 13033	140,000.00	0.00	140,000.00
		SOURCE ZSTEZ Subtotal:	140,000.00	0.00	140,000.00
		SID 41404 Subtotal:	140,000.00	0.00	140,000.00
		Project DOT01010119PE Total:	700,000.00	0.00	700,000.00

Approved By:			
	Date:		Date:
See Attached		See Attached	
	Date:	Dann Meyer	Date: 3/30/2022
See Attached		Capital Planning - Darren E. Meyers	



## PROJECT MEMORANDUM FOR ENGINEERING

DATE: 2/1/2022

To: Darren E. Meyers MOD# From: L. Zhang for Marissa Pfaffinger **Director of Capital Services** 

**Bureau of Finance & Administration** 

PE or PL Project ID: DOT01010119PE FD Project ID: DOT01010119FD RW Project ID: DOT01010119RW

Please Review Project Informa	ation and Estimate for A	pproval:	CN Project ID	DOT01010119CN
Project Description (short):	Culvert Replacement -	CT 201		
28 (30 Characters)	Replace twin 48" CMP	s under CT Route 201	in North Stonington, due to fa	ailing condition, with
Project Description (long):	either twin 48" Reinford	ced Concrete Pipes (RO	CPs) or Concrete Box Culvert	with concrete endwalls,
247 (254 Characters)	pending hydraulic anal	ysis/environmental con	siderations.	
Justification:	CTDOT District 2 Mainter	nance has requested repla	acement of the twin Corrugated	Metal Pipes (CMPs). The
862 (1333 Characters)	existing CMPs were insta	lled in 1939 as part of the	construction of Route 201 (Cos	saduck Hill Road) to carry
			Pond. By 2009, the condition of	
			joint separation were causing ba dition necessitated corrective ac	
			vay has continued to settle with	
			ondition has reached a point who	
			address for the continued stabi <b>l</b> it	ty of the roadway. The PE
Donie of Management	phase includes a PD/FD	split.		
Project Manager:	DDI # DD101 0004 CT 36	04 is a Bural Major Called	tor While all phages of the proje	act are being programmed
Scott Bushee Project Engineer:			tor. While all phases of the proje laceholder under FIF-Roadway i	
Michael Laurice	\$1.78M based on total es			in oble to be reduced by
Scope Code: RP 4	RP 4 - Miscellaneous F	Poadway Projects	·	
•	ted Schedule (Proj. Ma		Assigned Schedule	(Capital Planning):
1104000	4/27/2022	PE(PD) Start	PE Aut	
	1/31/2024	Design Approval/FD/		
✓ State ADV	9/3/2025	FDP	FD	
	10/15/2025		) is 4/14/2028 DC	
☐ Town ADV	11/12/2025	ADV	AD	
Estimates Summary:				
,			Project Type CN	
Project	EST Amount		Activity	EST Amount
Туре	Requested		•	Requested
DE DI	<b>#</b> 700 000		CT	\$1,780,000
PE or PL FD	\$700,000 \$300,000		CG IN	\$0 \$0
			NI	\$0
Total	\$1,000,000		NF	\$0 \$0
			UT	\$0
Project	EST Amount		RF	\$0
Туре	Requested		SF	\$0
			TF	\$0
RW	\$50,000		CM	\$0
Total	\$50,000		Total	\$1,780,000
Project Gran	d Total (Sum of Proj	ect Types) = \$2,830	0,000	
Submitted by: (sign & date)			Annroyad hy: (cian & data)	
Not Required			Michael M Calabrese Dai	itally signed by Calabrese, Michael te: 2022.02.03 20:50:59-05'00'
Project Manager			DIVISION CRIEF - WICHAEI N. Calab	
Maissa y. Affil Digitally Date: 2	y signed by Marissa L Pfaffinger 022.02.03 17:26:50-05'00'		Damen Maryer 2/1	7/2022
Principal Engineer - Marissa L Pfaff			Director of Capital Services - Dar	ren E. Meyers

Estin	nates for F	PL, PD, portion	n of PE,	or tota	I PE (if r	no PD/FD split	):	RPM		Project ID	DOT	010101	19PE
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	\$560,000	12062	22108	ZSTPR	\$140,000	13033	41404	ZSTEZ				
PE													
PE													
PE													
		\$560,000				\$140,000				\$0			
-	Total	\$700,000											

Estin	nates for F	D of PE portion			RPM		Project ID	DOT	010101	19FD			
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
FD	PE0000	\$240,000	12062	22108	ZSTPR	\$60,000	13033	41404	ZSTEZ				
FD													
FD													
FD													
		\$240,000				\$60,000				\$0			
	Total	\$300,000											

Esti	Estimates for Rights of Way:							RPM Project ID DOT0			010101	1010119RW	
Proj	Activity	Federal	Fed	Fed	Source	State Amount	State	State	Source	Other	Other	Other	Source
Туре	Activity	Amount	Fund	SID	Туре	State Amount	Fund	SID	Туре	Amount	Fund	SID	Туре
RW	RW0000	\$40,000	12062	22108	ZSTPR	\$10,000	13033	41404	ZSTEZ				
RW													
RW													
RW													
	'	\$40,000				\$10,000				\$0			
	Total	\$50,000											

Estin	nates for (	Construction:						RPM		Project ID	DOT	010101	19CN
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	\$1,424,000	12062	22108	ZSTPR	\$356,000	13033	41404	ZSTEZ				
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
		\$1,424,000				\$356,000				\$0			
	Total	\$1,780,000											

### **DEPT. OF TRANSPORTATION**

### PROJECT ESTIMATE MODIFICATION

Page No. 1

03/31/2021 Run Date Run Time 11:00:21

DOT01030278PE -Project ID: Replace Guiderail SR 642

**Project Description:** Replace the existing substandard concrete post three-cable guiderail with a structural barrier to

protect errant vehicles from drop offs on the SR 642 eastbound direction adjacent to Sturtevant

Street in Norwich (between mile points 1.91 - 1.94).

Project Manager: Blasi, Kevin V No Prior Approval Prior Approval:

EI - From Estimate To Initiated **Current Estimate:** 03/31/2021 **RPM Mod Justification:** 

The purpose of this project is to replace existing substandard concrete post three-cable

guiderail mounted on top of a dry stacked masonry wall on SR 642 (West Town Street) eastbound

in the vicinity of Sturtevant Street in Norwich. The existing dry stacked masonry wall prevents a standard rail replacement. A feasibility study, performed by CTDOT's Division of Highway Design in 2017, recommended that a moment slab be installed integrated with a rail element to protect errant vehicles from drop offs. This recommendation will be considered, along with other alternatives, including sloping as part of the RSR. The PE phase includes a

PD/FD split.

<u>ACTIVITY</u>	<u>FUND</u>	SID	SOURCE	<b>CURRENT ESTIMATE</b>	PRIOR APPROVAL	MODIFICATION
PE0000	12062	22108	ZSTPA	260,000.0	0.00	260,000.00
PE0000	13033	41404	ZSTEZ	65,000.0	0.00	65,000.00
		Activity PE0	000 Subtotal:	325,000.0	0.00	325,000.00
		Project DOT	01030278PE Total:	325,000.0	0.00	325,000.00
ESTIMATE BY S	SID:					
SID	SOURCE	ACTIVITY	FUND	CURRENT ESTIMATE	PRIOR APPROVAL	MODIFICATION

<u>SID</u>	SOURCE_	<u>ACTIVITY</u> <u>FUND</u>	CURRENT ESTIMATE	PRIOR APPROVAL	MODIFICATION
22108	ZSTPA	PE0000 12062	260,000.00	0.00	260,000.00
		SOURCE ZSTPA Subtotal:	260,000.00	0.00	260,000.00
		SID 22108 Subtotal:	260,000.00	0.00	260,000.00
41404	ZSTEZ	PE0000 13033	65,000.00	0.00	65,000.00
		SOURCE ZSTEZ Subtotal:	65,000.00	0.00	65,000.00
		SID 41404 Subtotal:	65,000.00	0.00	65,000.00
		Project DOT01030278PE Total:	325,000.00	0.00	325,000.00

Approved By:		
	Date:	Date:
See Attached		See Attached
	Date:	Date: 3/31/2021
See Attached		Capital Planning - Darren E. Meyers



# PROJECT MEMORANDUM FOR ENGINEERING

DATE: 12/15/2020

DOT01030278CN

To: Darren E. Meyers MOD # RPM From: L.Zhang for Alvaro Garcia

**Director of Capital Services** 

**Bureau of Finance & Administration** 

PE or PL Project ID: DOT01030278FD

RW Project ID: DOT01030278RW

CN Project ID:

Please Review Project Information and Estimate for Approval:

Project Description (short):	Replace Guiderail SR 642								
24 (30 Characters)		d concrete post three-cable guiderail with a structural barrier to							
Project Description (long):	protect errant vehicles from drop offs on the SR 642 eastbound direction adjacent to Sturtevant Street in Norwich (between mile points 1.91 - 1.94).								
246 (254 Characters)	Street in Norwich (between mile	points 1.91 - 1.94).							
Justification:	The purpose of this project is to	replace existing substandard concrete post three-cable guiderail							
650 (1333 Characters)	mounted on top of a dry stacked	I masonry wall on SR 642 (West Town Street) eastbound in the							
	ricinity of Sturtevant Street in Norwich. The existing dry stacked masonry wall prevents a standard								
	rail replacement. A feasibility study, performed by CTDOT's Division of Highway Design in 2017,								
		ab be installed integrated with a rail element to protect errant							
		commendation will be considered, along with other alternatives,							
	including sloping as part of the l	RSR. The PE phase includes a PD/FD split.							
Project Manager:		DE DAED in 02/40/2027							
Bryan Reed		PE PAED is 02/19/2027							
Project Engineer:	PPI# PP103-0012	PPI# PP103-0012							
Paul Dattilio									
Scope Code: RP 4	RP 4 - Miscellaneous Roadway	Projects							
Reques	sted Schedule (Proj. Manager):	Assigned Schedule (Capital Planning):							

ocope oode.	Tri + - Miscellaricous	Trodaway 1 Tojooto		
Red	juested Schedule (Proj. N	lanager):	Assigned Schedule (Ca	apital Planning):
	5/19/2021	PE(PD) Start	PE Auth	
	11/2/2022	Design Approval/FD/RW	FD/RW Auth	
✓ State ADV	7/10/2024	FDP	FDP	
□ Town ADV	8/21/2024	DCD	DCD	
1 TOWN ABV	9/18/2024	ADV	ADV	

Estimates Summary:			
		Project Type CN	
Project Type	EST Amount Requested	Activity	EST Amount Requested
		CT	\$1,000,000
PE or PL	\$325,000	CG	\$0
FD	\$190,000	IN	\$0
Total	*515,000	NI	\$0
TOLAT	\$515,000	NF	\$0
		UT	\$0
Project	EST Amount	RF	\$0
Туре	Requested	SF	\$0
		TF	\$0
RW	\$50,000	CM	\$0
Total	\$50,000	Total	\$1,000,000

Submitted by: (sign & date)	Approved by: (sign & date)
Alvaro Garcia Jr., P.E. 2021.03.08 06:20:21-05'00'	Division Chief (Print Name)  Bartholomew Sweeney, P.E.  Division Chief (Print Name)
Principal Engineer (Print Name)  a.h. & Cashil Digitally signed by Andrew J. Cardinal, P.E. Bate: 2021.03.08 08/25:01-05/00'	Director of Capital Services - Darren E. Meyers

Project Grand Total (Sum of Project Types) = \$1,565,000

Estin	nates for F	PL, PD, portion	of PE,	or tota	I PE (if n	o PD/FD split)		RPM		Project ID	DOI	010302	278PE
Proj	A otivity	Federal	Fed	Fed	Source	State Amount	State	State	Source	Other	Other	Other	Source
Туре	Activity	Amount	Fund	SID	Туре	State Amount	Fund	SID	Туре	Amount	Fund	SID	Туре
PE	PE0000	\$260,000	12062	22108	ZSTPA	\$65,000	13033	41404	ZSTEZ				
PE													
PE													
PE													
		\$260,000				\$65,000				\$0			
-	Total	\$325,000											

Estimates for FD of PE portion:								RPM		Project ID	DOT01030278FD		78FD
Proj	A ativity	Federal	Fed	Fed	Source	State Amount	State	State	Source	Other	Other	Other	Source
Туре	pe Activity	Amount	Fund	SID	Туре	State Amount	Fund	SID	Туре	Amount	Fund	SID	Туре
FD	PE0000	\$152,000	12062	22108	ZSTPA	\$38,000	13033	41404	ZSTEZ				
FD													
FD													
FD													
		\$152,000				\$38,000				\$0			
	Total	\$190,000											

Estimates for Rights of Way:								RPM		Project ID	DOT01030278RW		78RW
Proj	A ativity	Federal	Fed	Fed	Source	State Amount	State	State	Source	Other	Other	Other	Source
Туре	Activity	Amount	Fund	SID	Туре	State Amount	Fund	SID	Туре	Amount	Fund	SID	Туре
RW	RW0000	\$40,000	12062	22108	ZSTPA	\$10,000	13033	41404	ZSTEZ				
RW													
RW													
RW													
		\$40,000				\$10,000				\$0	•		
Т	otal	\$50,000											

Estimates for Construction:								RPM		Project ID [			DOT01030278CN		
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	\$800,000	12062	22108	ZSTPA	\$200,000	13033	41404	ZSTEZ						
CN															
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CN															
		\$800,000				\$200,000		\$0							
	Total	\$1,000,000													



# PROJECT MEMORANDUM FOR ENGINEERING

		OF TRANS		DATE: 3/20/2023
To: Darren E. Meyers	MOD #	ŧ RPM	From: L. Zhang for I	
Director of Capital Serv			PE or PL Project ID:	DOT01330100PE
Bureau of Finance & Ac			FD Project ID:	DOT01330100FD
			RW Project ID:	DOT01330100RW
Please Review Project Informa	tion and Estimate for A	pproval:	CN Project ID:	DOT01330100CN
Project Description (short):	Rt 138 - Culvert Repla	cement		
			Pipe (CMP) below Route 138 th	at is in failing
Project Description (long):	condition and has slop	e erosion in Sprague, a	long with other ancillary improv	ements (e.g.,
244 (254 Characters)	possible minor roadwa	y widening at culvert, g	uiderail upgrade).	
Justification:	CTDOT District 2 Mainte	nance has requested repla	acement of the Corrugated Metal P	ipe (CMP), Permitting
704 (1333 Characters)			act slip-lining, therefore full replace	
		-	ing issues at this location, therefore	
			as been addressed multiple times l	•
			2021 for a pavement and subbase rential future needs and non-motorize	
		I. The PE phase includes a		tod tramo, the daivert
	J J	•	•	
			rely ineligible for PROTECT funding Jennifer Carrier). Since Route 138	
Brian Natwick			area, this project may be a good ca	
Project Engineer: Paul O'Keefe		funds through future coord		
	DD 4 Missellensous	Poodway Projects	(Saana Cada is anly for a proje	oot w/CNI phoso)
	RP 4 - Miscellaneous led Schedule (Project I		(Scope Code is only for a proje	ect w/Civ priase)
Nequesie	6/21/2023	PE(PD) or PL Start		
	11/6/2024	Design Approval/FD/	(D\M	
E		FDP	NV	
✓ State ADV	4/8/2026 5/20/2026	DCD		
☐ Town ADV	6/17/2026	ADV		
Estimates Summens	0.1112020	AUT		
Estimates Summary:			Project Type CN	
Project	EST Amount			EST Amount
Туре	Requested		Activity	Requested
•			CT	\$3,060,000
PE or PL	\$660,000		CG	\$0
FD	\$440,000		IN	\$0
Total	\$1,100,000		NF	\$0 \$0
			UT	\$0 \$0
Project	EST Amount		RF	\$0
Туре	Requested		SF	\$0
•			TF	\$0
RW	\$150,000		CM	\$0
Total	\$150,000		Total	\$3,060,000
	<b>,</b> ,			, . , ,
Project Gran	d Total (Sum of Pro	ject Types) = \$4,310	0.000	
Froject Grand	u Total (Sulli of Fio	ject Types) = \$4,510	<del>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</del>	
Submitted by: (sign & date)			Approved by: (sign & date)	
Project Manager			Division Chief	
Principal Engineer			<b>Director of Capital Services - Darrer</b>	n E. Meyers

Estim	nates for F	PL, PD, portion	of PE,	or tota	I PE (if r	no PD/FD split)	:	RPM		Project ID	DOT	013301	00PE
Proj	Activity	Federal	Fed	Fed	Source	State Amount	State	State	Source	Other	Other	Other	Source
Type PE		Amount	Fund	SID	Type ZSTPA		Fund	SID	Type ZSTEZ	Amount	Fund	SID	Туре
PE	PE0000	\$528,000	12062	22106	ZSTPA	\$132,000	13033	41404	ZSTEZ				
PE													
PE													
		\$528,000				\$132,000				\$0			
-	Total	\$660,000	80%	20%	0%	100%							
			Fed	State	Other	Total							
	nates for F	D of PE portion						RPM		Project ID		013301	
Proj	Activity	Federal	Fed	Fed	Source	State Amount	State	State	Source	Other	Other	Other	Source
Type FD	PE0000	Amount \$352,000	Fund 12062	SID	Type ZSTPA	\$88,000	Fund 13033	SID 41404	Type ZSTEZ	Amount	Fund	SID	Туре
FD	r Loodo	ψ332,000	12002	22100	2311 A	ψοο,σοσ	13033	41404	ZOILZ				
FD													
FD													
		\$352,000				\$88,000				\$0			
-	Total	\$440,000	80%	20%	0%	100%							
			Fed	State	Other	Total							
	nates for	Rights of Way						RPM		Project ID		013301	
Proj	Activity	Federal Amount	Fed	Fed SID	Source	State Amount	State	State SID	Source	Other	Other	Other SID	Source
Type RW	RW0000	\$120,000	Fund 12062		Type ZSTPA	\$30,000	Fund 13033	41404	Type ZSTEZ	Amount	Fund	SID	Туре
RW	17770000	ψ120,000	12002	22100	2011 A	Ψ30,000	13033	41404	ZOTLZ				
RW													
RW													
1 / / /													
IXVV		\$120,000				\$30,000				\$0			
'	Total	\$120,000 <b>\$150,000</b>	80% Fod	20% State	0% Other	100%				\$0			
-		\$150,000	80% Fed	20% State	0% Other			RPM		·	DOT	013301	00CN
Estim		\$150,000 Construction:	Fed	State	Other	100% Total	Stato	RPM State	Source	Project ID		013301	
<b>Estim</b> Proj		\$150,000 Construction:	Fed Fed	State	Other	100% Total	State	State		Project ID Other	Other	Other	Source
Estim Proj Type	Activity	\$150,000 Construction: Federal Amount	Fed Fed Fund	State Fed SID	Other Source Type	100% Total State Amount	Fund	State SID	Туре	Project ID			
Estim Proj Type CN	nates for C	\$150,000 Construction:	Fed Fed Fund	State Fed SID	Other	100% Total		State SID		Project ID Other	Other	Other	Source
Estim Proj Type CN	Activity	\$150,000 Construction: Federal Amount	Fed Fed Fund	State Fed SID	Other Source Type	100% Total State Amount	Fund	State SID	Туре	Project ID Other	Other	Other	Source
Estim Proj Type CN	Activity	\$150,000 Construction: Federal Amount	Fed Fed Fund	State Fed SID	Other Source Type	100% Total State Amount	Fund	State SID	Туре	Project ID Other	Other	Other	Source
Estim Proj Type CN CN CN CN CN	Activity	\$150,000 Construction: Federal Amount	Fed Fed Fund	State Fed SID	Other Source Type	100% Total State Amount	Fund	State SID	Туре	Project ID Other	Other	Other	Source
Estim Proj Type CN CN CN CN CN	Activity	\$150,000 Construction: Federal Amount	Fed Fed Fund	State Fed SID	Other Source Type	100% Total State Amount	Fund	State SID	Туре	Project ID Other	Other	Other	Source
Estim Proj Type CN CN CN CN CN CN CN	Activity	\$150,000 Construction: Federal Amount	Fed Fed Fund	State Fed SID	Other Source Type	100% Total State Amount	Fund	State SID	Туре	Project ID Other	Other	Other	Source
Estim Proj Type CN CN CN CN CN CN CN CN CN	Activity	\$150,000 Construction: Federal Amount	Fed Fed Fund	State Fed SID	Other Source Type	100% Total State Amount	Fund	State SID	Туре	Project ID Other	Other	Other	Source
Estim Proj Type CN CN CN CN CN CN CN	Activity	\$150,000 Construction: Federal Amount	Fed Fed Fund	State Fed SID	Other Source Type	100% Total State Amount	Fund	State SID	Туре	Project ID Other	Other	Other	Source
Estim Proj Type CN	Activity	\$150,000 Construction: Federal Amount	Fed Fed Fund	State Fed SID	Other Source Type	100% Total State Amount	Fund	State SID	Туре	Project ID Other	Other	Other	Source
Estim Proj Type CN	Activity	\$150,000 Construction: Federal Amount	Fed Fed Fund	State Fed SID	Other Source Type	100% Total State Amount	Fund	State SID	Туре	Project ID Other	Other	Other	Source
Estim Proj Type CN	Activity	\$150,000 Construction: Federal Amount	Fed Fed Fund	State Fed SID	Other Source Type	100% Total State Amount	Fund	State SID	Туре	Project ID Other	Other	Other	Source
Estim Proj Type CN	Activity	\$150,000 Construction: Federal Amount	Fed Fed Fund	State Fed SID	Other Source Type	100% Total State Amount	Fund	State SID	Туре	Project ID Other	Other	Other	Source
Estim Proj Type CN	Activity	\$150,000 Construction: Federal Amount	Fed Fed Fund	State Fed SID	Other Source Type	100% Total State Amount	Fund	State SID	Туре	Project ID Other	Other	Other	Source
Estim Proj Type CN	Activity	\$150,000 Construction: Federal Amount	Fed Fed Fund	State Fed SID	Other Source Type	100% Total State Amount	Fund	State SID	Туре	Project ID Other	Other	Other	Source
Estim Proj Type CN	Activity	\$150,000 Construction: Federal Amount	Fed Fed Fund	State Fed SID	Other Source Type	100% Total State Amount	Fund	State SID	Туре	Project ID Other	Other	Other	Source
Estim Proj Type CN	Activity	\$150,000 Construction: Federal Amount	Fed Fed Fund	State Fed SID	Other Source Type	100% Total State Amount	Fund	State SID	Туре	Project ID Other	Other	Other	Source
Estim Proj Type CN	Activity	\$150,000  Construction: Federal Amount \$2,448,000	Fed Fed Fund	State Fed SID	Other Source Type	100% Total  State Amount \$612,000	Fund	State SID	Туре	Project ID  Other Amount	Other	Other	Source
Estim Proj Type CN	Activity	\$150,000 Construction: Federal Amount	Fed Fed Fund	State Fed SID	Other Source Type	100% Total State Amount	Fund	State SID	Туре	Project ID Other	Other	Other	Source

Total

Fed State Other



## PROJECT MEMORANDUM FOR ENGINEERING

DATE: 3/13/2023

To: Darren E. Meyers	MOI	<b>)</b> # RPI	<u>M</u> Fr	om: L. Zhang for	Marissa Pfaffinger
Director of Capital Ser	vices		P	E or PL Project ID:	DOT01520163PE
Bureau of Finance & A	Administration			FD Project ID:	DOT01520163FD
				RW Project ID:	
Please Review Project Inform	ation and Estimate for	Approval:		CN Project ID:	DOT01520163CN
Project Description (short)	: CT 32 - Int. Improve	ments			
26 (30 Characters)				32, SR 693 and Old N	
Project Description (long)			congestion related of	rashes. SR 693 provi	des direct 'on-ramp'
214 (254 Characters)	access to I-395 north	hbound.			
Justification:	Route 32 northboun	d queues curren	itly extend approxima	tely 800' to the south	of the intersection.
255 (1333 Characters)				northbound to reduce	peak-hour queuing
	and associated cras	hes. The PE ph	ase includes a PD/FI	O split.	
Project Manager:					
Joseph Arsenault					
Project Engineer:					
Joseph Jazwicz	PPI # PP152-0004.				
Scope Code: OI 1	OI 1 - Intersection In	nprovement			
Reques	sted Schedule (Proj.	Manager):		Assigned Schedule (Car	oital Planning):
	7/12/2023	PE(PD) Star	rt	PE Auth	
	9/4/2024	Design App	roval/FD/RW	FD/RW Auth	
✓ State ADV	5/6/2026	FDP		FDP	
Town ADV	6/17/2026	DCD		DCD	
1 TOWN ADV	7/15/2026	ADV		ADV	
Estimates Summary:					
			Project Ty	ype CN	
Project	EST Amount		Activity		EST Amount
Туре	Requested		_		Requested
DE as DI	ФС <u>ГО</u> 000		CT		\$5,100,000
PE or PL FD	\$650,000 \$400,000		CG IN		\$0 \$0
			NI		\$0 \$0
Total	\$1,050,000		NF		\$0
			UT		\$0
Project	EST Amount		RF		\$0
Туре	Requested		SF		\$0
DW	ΦO		TF		\$0
RW	\$0		СМ		\$0
Total	\$0		Total		\$5,100,000
Project Grai	nd Total (Sum of P	roject Types)	= \$6,150,000		
Submitted by: (sign & date)			Approved h	y: (sign & date)	
Not Required			Approved b	J. (Sign & date)	
Project Manager			Division Ch	ief	
Principal Engineer			Director of (	Capital Services - Darren	E. Meyers
<u> </u>					

Estin	nates for P	L, PD, portion	of PE,	or tota	I PE (if n	o PD/FD split)	:	RPM		Project ID	DOT	015201	163PE
Proj	Activity	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
PE	PE0000	\$520,000	12062	22108	ZNHPP	\$130,000	13033	41404	ZSTEZ				
PE													
PE													
PE													
		\$520,000				\$130,000				\$0			
-	Total	\$650.000											

Estin	ates for F	D of PE portion	on:					RPM		Project ID DOT0		015201	01520163FD	
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	Туре	
FD	PE0000	\$320,000	12062	22108	ZNHPP	\$80,000	13033	41404	ZSTEZ					
FD														
FD														
FD														
	,	\$320,000				\$80,000			·	\$0				
-	Γotal	\$400,000								•				

Estim	nates for F	Rights of Way	:					RPM		Project ID		0	
Proj	A otivity	Federal	Fed	Fed	Source	State Amount	State	State	Source	Other	Other	Other	Source
Туре	Activity	Amount	Fund	SID	Type	State Amount	Fund	SID	Туре	Amount	Fund	SID	Type
RW	RW0000												
RW													
RW													
RW													
	-	\$0				\$0				\$0			
Т	otal	\$0											

Estin	nates for C	onstruction:						RPM		Project ID	DOT	015201	63CN
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	\$4,080,000	12062	22108	ZNHPP	\$1,020,000	13033	41404	ZSTEZ				
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN		•											
		\$4,080,000				\$1,020,000				\$0			
•	Total	\$5,100,000											



## PROJECT MEMORANDUM FOR ENGINEERING

DATE: 6/26/2023

To: Darren E. Meyers MOD # \_\_\_\_\_RPM

Director of Capital Services
Bureau of Finance & Administration

From:L. Zhang for L. Conroy/J. LockabyPE or PL Project ID:DOT01520164PEFD Project ID:DOT01520164FDRW Project ID:DOT01520164RW

Please Review Project Inform	ation and Estimate fo	r Approval:	CN Project ID:	DOT01520164CN
Project Description (short):	Route 85 CTSS Upo	ırade		
21 (30 Characters)			gnal System (CTSS) along CT 8	5 (Hartford
Project Description (long):			efferson Avenue (Int. No. 152-21	
212 (254 Characters)		np (Int. No. 152-228).	,	,
(201 Gildiadisis)		,		
Justification:			raffic signal infrastructure, as ne	
635 (1333 Characters)			nsportation System (ITS). All tra	
	P' '		; this excludes the flashing beace	•
		•	CTSS will involve new fiber option	
			nologies to monitor and reduce t	
Project Manager:			otive Signal Control Technologies	s (ASCT) and
John Lockaby	•	,	ase includes a PD/FD split.	PE(ED), RW and CN
Project Engineer:			/A will not make a CMAQ eligibility deterr	
Anthony Servidone	build scenario emission ra	ates from MOVES are comple	ted in order to determine if the project wil	Il reduce emissions. The
Anthony Servicione			e Travel Demand / Air Quality Modeling U	
	emissions analysis and lo	bilowing up with FHVVA and Fil	nance regarding CMAQ eligibility during t	ne PE(PD) phase.
Scope Code: ST 4	ST 4 - Signalization	•		* I DI
Reques	ted Schedule (Proj.		Assigned Schedule (Ca	ipital Planning):
	9/27/2023 (FY23 auti		PE Auth	
	4/16/2025	Design Approval/FI		
✓ State ADV	3/25/2026	FDP	FDP	
Town ADV	5/6/2026	DCD	DCD	
	6/3/2026	ADV	ADV	
Estimates Summary:			Project Type CN	
Project	EST Amount		•	EST Amount
Туре	Requested		Activity	Requested
,,	·		СТ	\$12,451,000
PE or PL	\$1,492,000		CG	\$0
FD	\$554,000		IN	\$0
Total	\$2,046,000		NI	\$0
. 5.0.	<del>+</del> 2,0 10,000		NF	\$0
			UT	\$0
Project	EST Amount		RF	\$0
Туре	Requested		SF	\$0
RW	\$100,000		TF CM	\$0 \$0
Total	\$100,000		Total	\$12,451,000
10.01	<b>ψ</b> 100,000		· Star	ψ1 <u>2,401,000</u>
Proiect Gran	d Total (Sum of Pr	oject Types) = \$14,5	597.000	
Submitted by: (sign & date)			Approved by: (sign & date)	
Project Manager			Division Chief	
Principal Engineer			Director of Capital Services - Darre	n E. Meyers

Estin	nates for	PL, PD, portio	n of PE,	or tota	al PE (if	no PD/FD split	:):	RPM		Project ID	DOT	015201	164PE
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	\$1,193,600	12062	22108	ZNHPP	\$298,400	13033	41404	ZSTEZ				7.
PE													
PE													
PE		<u> </u>				<b>***</b>				Φ0			
	Tatal	\$1,193,600	000/	200/	00/	\$298,400				\$0			
	Total	\$1,492,000	80% Fed	20% State	0% Other	100% Total							
Fetin	nates for	FD of PE portion		State	Other	TOtal		RPM		Project ID	רחם	015201	I64FD
Proj		Federal	Fed	Fed	Source		State	State	Source	Other	Other	Other	Source
Type	Activity	Amount	Fund	SID	Type	State Amount	Fund	SID	Type	Amount	Fund	SID	Туре
	PE0000	\$443,200	12062	22108	ZNHPP	\$110,800	13033	41404	ZSTEZ				, ,
FD													
FD													
FD													
_		\$443,200	222/	2221	00/	\$110,800				\$0			
	Total	\$554,000	80%	20%	0%	100%							
Ectiv	natas for	Rights of Way	Fed	State	Other	Total		RPM		Project ID	DOT	015201	64DW
Proj		Federal	Fed	Fed	Source		State	State	Source	Other	Other	Other	Source
Type	Activity	Amount	Fund	SID	Type	State Amount	Fund	SID	Type	Amount	Fund	SID	Type
	RW0000	\$80,000	12062		ZNHPP	\$20,000	13033		ZSTEZ				- 71
RW		,				. ,							
RW													
RW													
_		\$80,000				\$20,000				\$0			
•	Total	\$80,000 <b>\$100,000</b>	80% Fod	20% State	0% Other	100%				\$0			
		\$100,000	80% Fed	20% State	0% Other	·		RPM			DOT	015201	164CN
Estin		\$100,000 Construction:	Fed	State	Other	100%	01.1	RPM		Project ID		015201	
<b>Estin</b> Proj		\$100,000  Construction: Federal	Fed	State	Other	100%	State	State	Source	Project ID Other	Other	Other	Source
Estin Proj Type	Activity	\$100,000  Construction:  Federal Amount	Fed Fed Fund	State Fed SID	Source Type	100% Total State Amount	Fund	State SID	Туре	Project ID			
Estin Proj Type CN	nates for	\$100,000  Construction: Federal	Fed Fed Fund	State Fed SID	Source Type	100% Total	Fund	State SID		Project ID Other	Other	Other	Source
Estin Proj Type CN CN	Activity	\$100,000  Construction:  Federal Amount	Fed Fed Fund	State Fed SID	Source Type	100% Total State Amount	Fund	State SID	Туре	Project ID Other	Other	Other	Source
Estim Proj Type CN CN	Activity	\$100,000  Construction:  Federal Amount	Fed Fed Fund	State Fed SID	Source Type	100% Total State Amount	Fund	State SID	Туре	Project ID Other	Other	Other	Source
Estin Proj Type CN CN	Activity	\$100,000  Construction:  Federal Amount	Fed Fed Fund	State Fed SID	Source Type	100% Total State Amount	Fund	State SID	Туре	Project ID Other	Other	Other	Source
Estin Proj Type CN CN CN CN CN CN	Activity	\$100,000  Construction:  Federal Amount	Fed Fed Fund	State Fed SID	Source Type	100% Total State Amount	Fund	State SID	Туре	Project ID Other	Other	Other	Source
Proj Type CN CN CN CN CN CN	Activity	\$100,000  Construction:  Federal Amount	Fed Fed Fund	State Fed SID	Source Type	100% Total State Amount	Fund	State SID	Туре	Project ID Other	Other	Other	Source
Proj Type CN CN CN CN CN CN	Activity	\$100,000  Construction:  Federal Amount	Fed Fed Fund	State Fed SID	Source Type	100% Total State Amount	Fund	State SID	Туре	Project ID Other	Other	Other	Source
Estin Proj Type CN CN CN CN CN CN CN	Activity	\$100,000  Construction:  Federal Amount	Fed Fed Fund	State Fed SID	Source Type	100% Total State Amount	Fund	State SID	Туре	Project ID Other	Other	Other	Source
Proj Type CN CN CN CN CN CN CN CN	Activity	\$100,000  Construction:  Federal Amount	Fed Fed Fund	State Fed SID	Source Type	100% Total State Amount	Fund	State SID	Туре	Project ID Other	Other	Other	Source
Estin Proj Type CN CN CN CN CN CN CN	Activity	\$100,000  Construction:  Federal Amount	Fed Fed Fund	State Fed SID	Source Type	100% Total State Amount	Fund	State SID	Туре	Project ID Other	Other	Other	Source
Proj Type CN CN CN CN CN CN CN CN CN	Activity	\$100,000  Construction:  Federal Amount	Fed Fed Fund	State Fed SID	Source Type	100% Total State Amount	Fund	State SID	Туре	Project ID Other	Other	Other	Source
Proj Type CN CN CN CN CN CN CN CN CN CN	Activity	\$100,000  Construction:  Federal Amount	Fed Fed Fund	State Fed SID	Source Type	100% Total State Amount	Fund	State SID	Туре	Project ID Other	Other	Other	Source
Proj Type CN CN CN CN CN CN CN CN CN CN CN CN CN	Activity	\$100,000  Construction:  Federal Amount	Fed Fed Fund	State Fed SID	Source Type	100% Total State Amount	Fund	State SID	Туре	Project ID Other	Other	Other	Source
Proj Type CN CN CN CN CN CN CN CN CN CN CN CN CN	Activity	\$100,000  Construction:  Federal Amount	Fed Fed Fund	State Fed SID	Source Type	100% Total State Amount	Fund	State SID	Туре	Project ID Other	Other	Other	Source
Proj Type CN CN CN CN CN CN CN CN CN CN CN CN CN	Activity	\$100,000  Construction:  Federal Amount	Fed Fed Fund	State Fed SID	Source Type	100% Total State Amount	Fund	State SID	Туре	Project ID Other	Other	Other	Source
Estin Proj Type CN	Activity	\$100,000  Construction:  Federal Amount	Fed Fed Fund	State Fed SID	Source Type	100% Total State Amount	Fund	State SID	Туре	Project ID Other	Other	Other	Source
Proj Type CN CN CN CN CN CN CN CN CN CN CN CN CN	Activity	\$100,000  Construction:  Federal Amount	Fed Fed Fund	State Fed SID	Source Type	100% Total State Amount	Fund	State SID	Туре	Project ID Other	Other	Other	Source
Proj Type CN CN CN CN CN CN CN CN CN CN CN CN CN	Activity	\$100,000  Construction: Federal Amount \$9,960,800	Fed Fed Fund	State Fed SID	Source Type	State Amount \$2,490,200	Fund	State SID	Туре	Project ID  Other Amount	Other	Other	Source
Proj Type CN CN CN CN CN CN CN CN CN CN CN CN CN	Activity	\$100,000  Construction:  Federal Amount	Fed Fed Fund	State Fed SID	Source Type	100% Total State Amount	Fund	State SID	Туре	Project ID Other	Other	Other	Source

Principal Engineer (Print Name)



## PROJECT MEMORANDUM FOR ENGINEERING

DATE: 8/3/2023 MOD# To: Darren E. Meyers L.Zhang for Alvaro Garcia From: PE or PL Project ID: **Director of Capital Services Bureau of Finance & Administration** FD Project ID: **RW Project ID:** Please Review Project Information and Estimate for Approval: CN Project ID: DOT01630206CN Project Description (short): Rehab Bridge (Culvert) #06729 Rehabilitation of Bridge 06729 (Culvert) carrying U.S. Route 6 over brook in Windham and Mansfield. **Project Description (long):** Justification: The culvert is rated "4" due to missing asphalt coating with moderate rust along the lower plates. Perforations with moderate thinning and pitting can be seen throughout the culvert. Bridge List No. 34. The PE phase includes a PD/FD split. \*\*\*This project affects one asset type (bridge), as identified in 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 Good Repair (by number). This project will improve this metric by 0.02%. Federal Performance Measures are not applicable for this project (bridge is Non-NBI).\*\* **Project Manager: Alvaro Garcia** Project Engineer: Ruiz, Lesgie Scope Code: BP 2 - Bridge List Program Requested Schedule (Proj. Manager): Assigned Schedule (Capital Planning): PE(PD) Start PE Auth Design Approval/FD/RW FD/RW Auth **FDP** 10/3/2024 **FDP** ✓ State ADV **DCD** DCD 11/13/2024 **Town ADV** 12/12/2024 **ADV** ADV **Estimates Summary:** Project Type CN **Project EST Amount EST Amount** Activity **Type** Requested Requested \$1,000,000 CT PE or PL \$0  $\overline{\mathsf{CG}}$ \$0 \$0 FD \$0 IN \$0 NI Total \$0 NF \$0 UT \$0 **Project EST Amount** RF \$0 Requested \$0 Type TF \$0 RW \$0 CM \$0 \$1,000,000 **Total** \$0 **Total** Project Grand Total (Sum of Project Types) = \$1,000,000 Submitted by: (sign & date) Approved by: (sign & date) Project Manager (Print Name) Division Chief (Print Name)

**Darren E. Meyers - Director of Capital Services** 

Estin	nates for F	PL, PD, portior	n of PE,	or tota	I PE (if i	no PD/FD split	):	RPM		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
PE	PE0000												
PE													
PE													
PE													
		\$0				\$0			,	\$0			
-	Γotal	<b>\$0</b>											

Estin	nates for F	D of PE portion	on:					RPM		Project ID		0	
Proj	A otivity	Federal	Fed	Fed	Source	State Amount	State	State	Source	Other	Other	Other	Source
Туре	Activity	Amount	Fund	SID	Туре	State Amount	Fund	SID	Туре	Amount	Fund	SID	Туре
	PE0000												
FD													
FD													
FD													
		\$0				\$0				\$0			
•	Total	\$0											

Estir	nates for l	Rights of Way						RPM		Project ID		0	
Proj	Activity	Federal	Fed	Fed	Source	State Amount	State	State	Source	Other	Other	Other	Source
Туре	Activity	Amount	Fund	SID	Туре	State Amount	Fund	SID	Туре	Amount	Fund	SID	Туре
RW	RW0000												
RW													
RW													
RW													
,		\$0				\$0				\$0			
-	Γotal	\$0											

Estin	nates for (	Construction:						RPM		Project ID	DOT	016302	06CN
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	\$800,000	12062	22108	ZSTNL	\$200,000	13033	41392	ZSTEZ				
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
		\$800,000				\$200,000				\$0			
•	Total	\$1,000,000											

### **DEPT. OF TRANSPORTATION**

#### PROJECT ESTIMATE MODIFICATION

Page No. 1

Run Date 07/06/2021 Run Time 13:09:14

6,400,000.00

1,600,000.00

1,600,000.00

1,600,000.00

10,000,000.00

**Project ID:** DOT01703588PE - Br Insp on NHS by State Forces

**Project Description:** Inspection of Bridges located on the National Highway System (NHS) by State Forces. Project term is

09/01/2021-08/31/2026; PAED 02/28/2030. This project replaces DOT01703411PE, which expires on

08/31/2021.

**Project Manager:** Baker,Mary E Prior Approval: No Prior Approval

Current Estimate: 07/06/2021 EI - From Estimate To Initiated RPM

Mod Justification: This project is necessary to comply with the requirements of the National Bridge Inspection

Standards (NBIS) and the inspection standards for qualifying structures as defined in the

CTDOT's Bridge Inspection Manual.

SID 21118 Subtotal:

SID 22108 Subtotal:

12062

SOURCE ZNHPP Subtotal:

Project DOT01703588PE Total:

PE0000

### **ESTIMATE BY ACTIVITY:**

22108

**ZNHPP** 

ACTIVITY PE0000 PE0000 PE0000 PE0000	FUND 12001 12001 12001 12062 12062	SID 12518 12518 21118 22108 Activity PE00 Project DOTO	SOURCE ZSTAC ZSTEZ ZACZZ ZNHPP 00 Subtotal:	CURRENT ESTIMATE  1,600,000.00 400,000.00 6,400,000.00 1,600,000.00 10,000,000.00	PRIOR APPROVAL  0.00 0.00 0.00 0.00 0.00 0.00 0.00	MODIFICATION  1,600,000.00  400,000.00  6,400,000.00  1,600,000.00  10,000,000.00
ESTIMATE BY SII	<u>D:</u>					
SID	0011005					
	SOURCE_	<u>ACTIVITY</u>	<u>FUND</u>	CURRENT ESTIMATE	PRIOR APPROVAL	MODIFICATION
12518	ZSTAC	PE0000	12001	1,600,000.00	0.00	1,600,000.00
		PE0000				
12518	ZSTAC	PE0000	12001 TAC Subtotal:	1,600,000.00 1,600,000.00	0.00 0.00	1,600,000.00 1,600,000.00
		PE0000 SOURCE ZS	12001	1,600,000.00	0.00	1,600,000.00
12518	ZSTAC	PE0000 SOURCE ZS PE0000 SOURCE ZS	12001 TAC Subtotal: 12001 TEZ Subtotal:	1,600,000.00 1,600,000.00 400,000.00 400,000.00	0.00 0.00 0.00 0.00	1,600,000.00 1,600,000.00 400,000.00 400,000.00
12518	ZSTAC	PE0000 SOURCE ZS	12001 TAC Subtotal: 12001 TEZ Subtotal:	1,600,000.00 1,600,000.00 400,000.00	0.00 0.00	1,600,000.00 1,600,000.00 400,000.00
12518	ZSTAC	PE0000 SOURCE ZS PE0000 SOURCE ZS SID 12518 St	12001 TAC Subtotal: 12001 TEZ Subtotal: ubtotal:	1,600,000.00 1,600,000.00 400,000.00 400,000.00 2,000,000.00	0.00 0.00 0.00 0.00	1,600,000.00 1,600,000.00 400,000.00 400,000.00 2,000,000.00
12518	ZSTAC	PE0000 SOURCE ZS PE0000 SOURCE ZS SID 12518 St PE0000	12001 TAC Subtotal: 12001 TEZ Subtotal:	1,600,000.00 1,600,000.00 400,000.00 400,000.00	0.00 0.00 0.00 0.00	1,600,000.00 1,600,000.00 400,000.00 400,000.00

6,400,000.00

1,600,000.00

1,600,000.00

1,600,000.00

10,000,000.00

0.00

0.00

0.00

0.00

0.00

Approved By:			
	Date:		Date:
See Attached		See Attached	
	Date:	Davin Mayer	Date: 7/6/2021
See Attached		Capital Planning - Darrer E. Meyers	



## PROJECT MEMORANDUM FOR ENGINEERING - NO PPI

DATE: 5/26/2021

To: Darren E. Meyers MOD # From: Mary E. Baker FD Proiect ID: **Director of Capital Services Bureau of Finance & Administration** PE or PL Project ID: DOT01703588PE RW Project ID: CN Project ID: Please Review Project Information and Estimate for Approval: Project Description (short): Br Insp on NHS by State Forces Inspection of Bridges located on the National Highway System (NHS) by State Forces. Project term is 09/01/2021-08/31/2026; PAED 02/28/2030. This project replaces DOT01703411PE, **Project Description (long):** which expires on 08/31/2021. This project is necessary to comply with the requirements of the National Bridge Inspection Justification: Standards (NBIS) and the inspection standards for qualifying structures as defined in the CTDOT's Bridge Inspection Manual. Total 5 year estimated cost is \$10.0M with \$2.0M planned to be budgeted annually through the modification and AC conversion process. Project Manager: Placeholder in OBL for this project is 170S-Fnhs. Mary E. Baker Project Engineer: Scope Code: #N/A Scope code is only applicable to projects with a CN phase Requested Schedule (Proj. Manager): Assigned Schedule (Capital Planning): 9/1/2021 **PE Start** PE Auth Design Approval/FD/RW FD/RW Auth **FDP** FDP State ADV **DCD** DCD **Town ADV ADV** ADV Estimates by Activity (Minor Phase): Estimate in Core-CT **EST Amount** Estimate in Total EST in Activity for RPM / MOD# Requested Core-CT **Total EST in** Core-CT for **EST Amount** Requested Activity Core-CT RPM/MOD# CT \$0 \$0 \$0 \$0 \$0 \$10,000,000 PE CG \$0 \$0 \$0 \$0 \$0 NF IN \$0 \$0 \$0 NI \$0 \$0 \$0 \$0 \$0 \$10,000,000 NF \$0 \$0 \$0 UT \$0 \$0 \$0 Estimate in RF \$0 Total EST in Core-CT for \$0 \$0 **EST Amount** RPM/MOD# Requested Activity SF \$0 \$0 Core-CT \$0 \$0 \$0 \$0 RW TF \$0 \$0 \$0 \$0 \$0 \$0 \$0 NF CM \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 Preceding MOD # **Current MOD # RPM Total EST Amount in Core-**\$0 **Preceding MOD Amt Current MOD Amt CT for All Phases** Submitted by: (sign & date) Approved by: (sign & date) Digitally signed by James Fallon, P.E. Date: 2021.05.27 16:31:53-04'00' May E Ber-Digitally signed by Mary Baker Date: 2021.05.27 13:41:58-04'00' Principal Engineer - Mary E. Baker Assistant Chief Engineer - James A. Fallon Bartholomew Sweeney, P.E., Out-Department of Engineering & Constitution (Collection of Collection of 5/28/2021 Division Chief - Bartholomew P. Sweeney Director of Capital Services - Darren E. Meyers

Preli	minary En	gineering Esti		RPM	RPM Project ID DOT01703			017035	88PE					
Proj	A ativity	Federal	Fed	Fed	Source	State Amount	State	State	Source	Other	Other	Other	Source	
Туре	Activity	Amount	Fund	SID	Туре	State Amount	Fund	SID	Туре	Amount	Fund	SID	Туре	
PE	PE0000	\$1,600,000	12062	22108	ZNHPP	\$400,000	12001	12518	ZSTEZ					
PE	PE0000	\$6,400,000	12062	21118	ZACZZ	\$1,600,000	12001	12518	ZSTAC					
PE														
PE														
		\$8,000,000	\$2,000,000						\$0					

PE SUM: \$10,000,000

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

RW SUM: \$0

Cons	truction E	stimates by A	ctivity /	Fund A	/ SID:			RPM		Project ID		0	
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												
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
		\$0				\$0				\$0			
CN	N SUM:	<b>\$</b> 0											

		Activity	DOTCN Budget in Core-CT
<b>DOTPE Budget in</b>	า	СТ	\$0
Core-CT	Activity	CG	\$0
\$0	PE	IN	\$0
\$0	NF	NI	\$0
\$0		NF	\$0
		UT	\$0
<b>DOTRW</b> Budget i	n	RF	\$0
Core-CT	Activity	SF	\$0
\$0	RW	TF	\$0
\$0	NF	CM	\$0
\$0			\$0

### **DEPT. OF TRANSPORTATION**

#### PROJECT ESTIMATE MODIFICATION

Page No. 1

Run Date 07/06/2021 Run Time 13:16:00

**Project ID:** DOT01703590PE - Br Insp on NHS by Consultants

Project Description: Inspection of Bridges and Tunnels located on the National Highway System by Consultant Engineering

firms. Project term is 09/01/2021-08/31/2026; PAED 02/28/2030. This project replaces

DOT01703413PE, which expires on 08/31/2021.

Project Manager: Baker, Mary E
Prior Approval: No Prior Approval

Current Estimate: 07/06/2021 EI - From Estimate To Initiated RPM

Mod Justification: This project is necessary to comply with the requirements of the National Bridge Inspection

Standards (NBIS), the National Tunnel Inspection Standards (NTIS) and the inspection standards for qualifying structures as defined in the CTDOT's Bridge Inspection Manual.

### **ESTIMATE BY ACTIVITY:**

<u>ACTIVITY</u>	<u>FUND</u>	SID S	OURCE_	CURRENT ESTIMATE	PRIOR APPROVAL	MODIFICATION
PE0000	12001	12518 Z	STAC	12,000,000.00	0.00	12,000,000.00
PE0000	12001	12518 Z	STEZ	3,000,000.00	0.00	3,000,000.00
PE0000	12062	21118 Z	ACZZ	48,000,000.00	0.00	48,000,000.00
PE0000	12062	22108 Z	NHPP	12,000,000.00	0.00	12,000,000.00
		Activity PE0000	Subtotal:	75,000,000.00	0.00	75,000,000.00
		Project DOT017	'03590PE Total:	75,000,000.00	0.00	75,000,000.00

#### **ESTIMATE BY SID:**

<u>SID</u> 12518	SOURCE ZSTAC	ACTIVITY FUND PE0000 12001 SOURCE ZSTAC Subtotal:	CURRENT ESTIMATE 12,000,000.00 12,000,000.00	PRIOR APPROVAL 0.00 0.00	MODIFICATION 12,000,000.00 12,000,000.00
12518	ZSTEZ	PE0000 12001 SOURCE ZSTEZ Subtotal:	3,000,000.00 3,000,000.00	0.00	3,000,000.00 3,000,000.00
		SID 12518 Subtotal:	15,000,000.00	0.00	15,000,000.00
21118	ZACZZ	PE0000 12062 SOURCE ZACZZ Subtotal:	48,000,000.00 48,000,000.00	0.00	48,000,000.00 48,000,000.00
		SID 21118 Subtotal:	48,000,000.00	0.00	48,000,000.00
22108	ZNHPP	PE0000 12062 SOURCE ZNHPP Subtotal:	12,000,000.00 12,000,000.00	0.00	12,000,000.00 12,000,000.00
		SID 22108 Subtotal:	12,000,000.00	0.00	12,000,000.00
		Project DOT01703590PE Total:	75,000,000.00	0.00	75,000,000.00

Approved By:		
	Date:	Date:
See Attached		See Attached
See Attached	Date:	Capital Planning - Darren E. Meyers



## PROJECT MEMORANDUM FOR ENGINEERING - NO PPI

DATE: 5/26/2021 To: Darren E. Meyers MOD# From: Mary E. Baker FD Project ID: **Director of Capital Services Bureau of Finance & Administration** PE or PL Project ID: DOT01703590PE RW Project ID: CN Project ID: Please Review Project Information and Estimate for Approval: Project Description (short): Br Insp on NHS by Consultants Inspection of Bridges and Tunnels located on the National Highway System by Consultant Engineering firms. Project term is 09/01/2021-08/31/2026; PAED 02/28/2030. This project **Project Description (long):** replaces DOT01703413PE, which expires on 08/31/2021. This project is necessary to comply with the requirements of the National Bridge Inspection Justification: Standards (NBIS), the National Tunnel Inspection Standards (NTIS) and the inspection standards for qualifying structures as defined in the CTDOT's Bridge Inspection Manual. Total 5 year estimated cost is \$75.0M with \$15.0M planned to be budgeted annually through the modification and AC conversion process. Project Manager: Placeholder in OBL for this project is 170C-Enhs. Mary E. Baker Project Engineer: Scope Code: #N/A Scope code is only applicable to projects with a CN phase Requested Schedule (Proj. Manager): Assigned Schedule (Capital Planning): 9/1/2021 **PE Start** PE Auth Design Approval/FD/RW FD/RW Auth **FDP** FDP State ADV **DCD** DCD **Town ADV ADV** ADV Estimates by Activity (Minor Phase): Estimate in Core-CT **EST Amount** Estimate in Total EST in Activity for RPM / MOD# Requested Core-CT **Total EST in** Core-CT for **EST Amount** Requested Activity Core-CT RPM/MOD# CT \$0 \$0 \$0 PE \$0 \$0 \$75,000,000 CG \$0 \$0 \$0 \$0 \$0 NF IN \$0 \$0 \$0 NI \$0 \$0 \$0 \$0 \$0 \$75,000,000 NF \$0 \$0 \$0 UT \$0 \$0 \$0 Estimate in RF \$0 **Total EST in** Core-CT for \$0 \$0 **EST Amount** RPM/MOD# Requested Activity SF \$0 \$0 Core-CT \$0 \$0 \$0 \$0 RW TF \$0 \$0 \$0 \$0 \$0 \$0 \$0 NF CM \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 Preceding MOD # **Current MOD # RPM Total EST Amount in Core-**\$0 **Current MOD Amt CT for All Phases Preceding MOD Amt** Submitted by: (sign & date) Approved by: (sign & date) Digitally signed by James Fallon, P.E. Date: 2021.05.28 11:23:49-04'00' May E Och Digitally signed by Mary Baker Date: 2021.05.27 13:52:11-04'00' Principal Engineer - Mary E. Baker Assistant Chief Engineer - James A. Fallon Bartholomew Sweeney, P.E. 5/28/2021 Division Chief - Bartholomew P. Sweeney Director of Capital Services - Darren E. Meyers

Preli	minary En	gineering Esti		RPM Project ID DOT017			017035	90PE					
Proj	A ativity	Federal	Fed	Fed	Source	State Amount	State	State	Source	Other	Other	Other	Source
Туре	Activity	Amount	Fund	SID	Туре	State Amount	Fund	SID	Туре	Amount	Fund	SID	Туре
PE	PE0000	\$12,000,000	12062	22108	ZNHPP	\$3,000,000	12001	12518	ZSTEZ				
PE	PE0000	\$48,000,000	12062	21118	ZACZZ	\$12,000,000	12001	12518	ZSTAC				
PE													
PE													
		\$60,000,000				\$15,000,000				\$0	•		

PE SUM: \$75,000,000

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

RW SUM: \$0

Cons	truction E	stimates by A	Activity /	Fund .	/ SID:			RPM		Project ID		0	
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
	CT0000												
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
		\$0	-			\$0				\$0			
CN	I SUM:	<b>\$0</b>											

		Activity	<b>DOTCN Budget in Core-CT</b>
DOTPE Budget in		CT	\$0
Core-CT Acti	vity	CG	\$0
\$0 PI		IN	\$0
\$0 N		NI	\$0
\$0		NF	\$0
		UT	\$0
OOTRW Budget in		RF	\$0
Core-CT Acti	vity	SF	\$0
\$0 RV		TF	\$0
\$0 N		CM	\$0

### **DEPT. OF TRANSPORTATION**

#### PROJECT ESTIMATE MODIFICATION

Page No. 1 Run Date 07/06/2021

Run Time 13:21:39

Project ID: DOT01703592PE - Sign Supprt Insp NHS Consultnt

**Project Description:** Inspection of Overhead Sign Supports located on the National Highway System (NHS) by Consultant

Engineering firms. Project term is 09/01/2021-08/31/2026; PAED 02/28/2030. This project replaces DOT01703415PE, which expires on 08/31/2021.

Project Manager: Baker, Mary E Prior Approval: No Prior Approval

07/06/2021 EI - From Estimate To Initiated **RPM Current Estimate:** 

**Mod Justification:** This project is necessary to comply with the inspection standards for qualifying structures

as defined in the CTDOT's Bridge Inspection Manual.

### **ESTIMATE BY ACTIVITY:**

ACTIVITY PE0000 PE0000 PE0000 PE0000	FUND 12001 12001 12062 12062	SID 12518 12518 21118 22108 Activity PE00	SOURCE ZSTAC ZSTEZ ZACZZ ZNHPP 000 Subtotal:	CURRENT ESTIMATE  1,800,000.00 450,000.00 7,200,000.00 1,800,000.00 11,250,000.00	PRIOR APPROVAL  0.00 0.00 0.00 0.00 0.00 0.00	MODIFICATION  1,800,000.00  450,000.00  7,200,000.00  1,800,000.00  11,250,000.00
		Project DOT	01703592PE Total:	11,250,000.00	0.00	11,250,000.00
ESTIMATE BY SI	<u>D:</u>					
<u>SID</u> 12518	SOURCE ZSTAC	ACTIVITY PE0000	FUND 12001 TAC Subtotal:	CURRENT ESTIMATE 1,800,000.00 1,800,000.00	PRIOR APPROVAL  0.00 0.00	MODIFICATION  1,800,000.00  1,800,000.00

		SOURCE 2STAC Subtotal:	1,800,000.00	0.00	1,800,000.00
12518	ZSTEZ	PE0000 12001 SOURCE ZSTEZ Subtotal:	450,000.00 450,000.00	0.00	450,000.00 450,000.00
		SID 12518 Subtotal:	2,250,000.00	0.00	2,250,000.00
21118	ZACZZ	PE0000 12062 SOURCE ZACZZ Subtotal:	7,200,000.00 7,200,000.00	0.00	7,200,000.00 7,200,000.00
		SID 21118 Subtotal:	7,200,000.00	0.00	7,200,000.00
22108	ZNHPP	PE0000 12062 SOURCE ZNHPP Subtotal:	1,800,000.00 1,800,000.00	0.00	1,800,000.00 1,800,000.00
		SID 22108 Subtotal:	1,800,000.00	0.00	1,800,000.00
		Project DOT01703592PE Total:	11,250,000.00	0.00	11,250,000.00

Approved By:		
	Date:	Date:
See Attached		See Attached
See Attached	Date:	Capital Planning - Darren E. Meyers



## PROJECT MEMORANDUM FOR ENGINEERING - NO PPI

DATE: 5/26/2021 To: Darren E. Meyers MOD # From: Mary E. Baker FD Project ID: **Director of Capital Services Bureau of Finance & Administration** PE or PL Project ID: DOT01703592PE RW Project ID: CN Project ID: Please Review Project Information and Estimate for Approval: Project Description (short): Sign Supprt Insp NHS Consultnt Inspection of Overhead Sign Supports located on the National Highway System (NHS) by Consultant Engineering firms. Project term is 09/01/2021-08/31/2026; PAED 02/28/2030. This **Project Description (long):** project replaces DOT01703415PE, which expires on 08/31/2021. Justification: This project is necessary to comply with the inspection standards for qualifying structures as defined in the CTDOT's Bridge Inspection Manual. Total 5 year estimated cost is \$11.25M with \$2.25M planned to be budgeted annually through the modification and AC conversion process. Project Manager: Placeholder in OBL for this project is 170S-Snhs. Mary E. Baker Project Engineer: Scope Code: #N/A Scope code is only applicable to projects with a CN phase Requested Schedule (Proj. Manager): Assigned Schedule (Capital Planning): 9/1/2021 **PE Start** PE Auth Design Approval/FD/RW FD/RW Auth **FDP** FDP State ADV **DCD** DCD **Town ADV ADV** ADV Estimates by Activity (Minor Phase): Estimate in Core-CT **EST Amount** Estimate in Total EST in Activity for RPM / MOD# Requested Core-CT for Core-CT **Total EST in EST Amount** Core-CT RPM/MOD# Requested Activity CT \$0 \$0 \$0 PE \$0 \$0 \$11,250,000 CG \$0 \$0 \$0 \$0 \$0 NF IN \$0 \$0 \$0 NI \$0 \$0 \$0 \$0 \$0 \$11,250,000 NF \$0 \$0 \$0 UT \$0 \$0 \$0 Estimate in RF \$0 **Total EST in** Core-CT for \$0 \$0 **EST Amount** RPM/MOD# Requested Activity SF \$0 \$0 Core-CT \$0 \$0 \$0 \$0 RW TF \$0 \$0 \$0 \$0 \$0 \$0 \$0 NF CM \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 Preceding MOD # **Current MOD # RPM Total EST Amount in Core-**\$0 **Preceding MOD Amt Current MOD Amt CT for All Phases** Submitted by: (sign & date) Approved by: (sign & date) Digitally signed by James Fallon, P.E. Date: 2021.05.28 11:23:12-04'00' Digitally signed by Mary Baker Date: 2021.05.27 13:55:36-04'00' Principal Engineer - Mary E. Baker Assistant Chief Engineer - James A. Fallon Bartholomew Sweeney, P.E.

| Signify in joint by Enthlormer George, P.E. (1974) | Part Motion County of the Control County of the Co 5/28/2021 Division Chief - Bartholomew P. Sweeney Director of Capital Services - Darren E. Meyers

Prelii	reliminary Engineering Estimates by Activity / Fund / SID:									Project ID	DOT	017035	92PE
Proj	A ativity	Federal	Fed	Fed	Source	State Amount	State	State	Source	Other	Other	Other	Source
Туре	Type Activity	Amount	Fund	SID	Туре	State Amount	Fund	SID	Туре	Amount	Fund	SID	Туре
PE	PE0000	\$1,800,000	12062	22108	ZNHPP	\$450,000	12001	12518	ZSTEZ				
PE	PE0000	\$7,200,000	12062	21118	ZACZZ	\$1,800,000	12001	12518	ZSTAC				
PE													
PE													
	- '	\$9,000,000		\$2,250,000						\$0			

PE SUM: \$11,250,000

i vigilico	or way E	stimates by A		RPM		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 R	RW0000												
RW													
RW													
RW													
	-	\$0				\$0				\$0			

RW SUM: \$0

Cons	truction E	stimates by A	ctivity /	Fund A	/ SID:			RPM		Project ID		0	
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												
CN													
CN													
CN													
CN													
CN													
CN													
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CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
		\$0				\$0				\$0			
CN	N SUM:	<b>\$</b> 0											

		Activity	DOTCN Budget in Core-CT
<b>DOTPE Budget in</b>	า	СТ	\$0
Core-CT	Activity	CG	\$0
\$0	PE	IN	\$0
\$0	NF	NI	\$0
\$0		NF	\$0
		UT	\$0
<b>DOTRW</b> Budget i	n	RF	\$0
Core-CT	Activity	SF	\$0
\$0	RW	TF	\$0
\$0	NF	CM	\$0
\$0			\$0

### **DEPT. OF TRANSPORTATION**

### PROJECT ESTIMATE MODIFICATION

Page No. 1

Run Date 07/06/2021 Run Time 13:23:41

Project ID: DOT01703593PE - Sign Suprt Insp NonNHS Cnsltnt

Inspection of Overhead Sign Supports not located on the National Highway System (non-NHS) by **Project Description:** 

Consultant Engineering firms. Project term is 09/01/2021-08/31/2026; PAED 02/28/2030. This project replaces DOT01703416PE, which expires on 08/31/2021.

Project Manager: Baker, Mary E Prior Approval: No Prior Approval

07/06/2021 EI - From Estimate To Initiated **RPM Current Estimate:** 

**Mod Justification:** This project is necessary to comply with the inspection standards for qualifying structures

as defined in the CTDOT's Bridge Inspection Manual.

### **ESTIMATE BY ACTIVITY:**

<u>ACTIVITY</u>	<u>FUND</u>	SID	SOURCE	CURRENT ESTIMATE	PRIOR APPROVAL	MODIFICATION
PE0000	12001	12518	ZSTAC	400,000.00	0.00	400,000.00
PE0000	12001	12518	ZSTEZ	100,000.00	0.00	100,000.00
PE0000	12062	21118	ZACZZ	1,600,000.00	0.00	1,600,000.00
PE0000	12062	22108	ZSTPA	400,000.00	0.00	400,000.00
		Activity PE00	000 Subtotal:	2,500,000.00	0.00	2,500,000.00
		Project DOT	01703593PE Total:	2,500,000.00	0.00	2,500,000.00
ESTIMATE BY S	ID:					
SID	SOURCE	ACTIVITY	FUND	CURRENT ESTIMATE	PRIOR APPROVAL	MODIFICATION
12518	ZSTAC	PE0000	12001	400,000.00	0.00	400,000.00

SID	SOURCE	<b>ACTIVITY</b>	<u>FUND</u>	<b>CURRENT ESTIMATE</b>	PRIOR APPROVAL	MODIFICATION
12518	ZSTAC	PE0000	12001	400,000.00	0.00	400,000.00
		SOURCE ZS	TAC Subtotal:	400,000.00	0.00	400,000.00
12518	ZSTEZ	PE0000	12001	100,000.00		100,000.00
		SOURCE ZS	TEZ Subtotal:	100,000.00	0.00	100,000.00
		CID 40540 C	المعادات			500,000,00
		SID 12518 St	ubtotai:	500,000.00	0.00	500,000.00
21118	ZACZZ	PE0000	12062	1,600,000.00	0.00	1,600,000.00
			CZZ Subtotal:	1.600.000.00		1,600,000.00
		SID 21118 St	ıbtotal:	1,600,000.00	0.00	1,600,000.00
22108	ZSTPA	PE0000	12062	400,000.00		400,000.00
		SOURCE ZS	TPA Subtotal:	400,000.00	0.00	400,000.00
		CID 20400 C	المعادات	400,000,00		400,000,00
		SID 22108 St	ubtotal:	400,000.00	0.00	400,000.00
		Project DOTO	1703593PE Total:	2,500,000.00	0.00	2,500,000.00

Approved By:			
	Date:	Date:	
See Attached		See Attached	
<u> </u>	Date:	Date: 7/6/2021	
See Attached		Capital Planning - Darrer Meyers	



## PROJECT MEMORANDUM FOR ENGINEERING - NO PPI

DATE: 5/26/2021 To: Darren E. Meyers MOD # From: Mary E. Baker FD Project ID: **Director of Capital Services Bureau of Finance & Administration** PE or PL Project ID: DOT01703593PE RW Project ID: CN Project ID: Please Review Project Information and Estimate for Approval: Project Description (short): Sign Suprt Insp NonNHS Constant Inspection of Overhead Sign Supports not located on the National Highway System (non-NHS) by Consultant Engineering firms. Project term is 09/01/2021-08/31/2026; PAED 02/28/2030. **Project Description (long):** This project replaces DOT01703416PE, which expires on 08/31/2021. This project is necessary to comply with the inspection standards for qualifying structures as Justification: defined in the CTDOT's Bridge Inspection Manual. Total 5 year estimated cost is \$2.5M with \$500,000 planned to be budgeted annually through the Project Manager: modification and AC conversion process. Placeholder in OBL for this project is 170S-Snon. Mary E. Baker Project Engineer: Scope Code: #N/A Scope code is only applicable to projects with a CN phase Requested Schedule (Proj. Manager): Assigned Schedule (Capital Planning): 9/1/2021 **PE Start** PE Auth Design Approval/FD/RW FD/RW Auth **FDP** FDP State ADV **DCD** DCD **Town ADV ADV** ADV Estimates by Activity (Minor Phase): Estimate in Core-CT **EST Amount** Estimate in Total EST in Activity for RPM / MOD# Requested Core-CT **Total EST in** Core-CT for **EST Amount** Core-CT RPM/MOD# Requested **Activity** CT \$0 \$0 \$0 \$0 \$0 \$2,500,000 PE CG \$0 \$0 \$0 \$0 \$0 NF IN \$0 \$0 \$0 \$0 \$0 \$0 NI \$0 \$0 \$2,500,000 \$0 \$0 \$0 NF UT \$0 \$0 \$0 Estimate in RF \$0 **Total EST in** Core-CT for \$0 \$0 **EST Amount** RPM/MOD# Requested Activity SF \$0 \$0 Core-CT \$0 \$0 \$0 \$0 RW TF \$0 \$0 \$0 \$0 \$0 \$0 \$0 NF CM \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 Preceding MOD # **Current MOD # RPM Total EST Amount in Core-**\$0 **Current MOD Amt** \$0 **CT for All Phases Preceding MOD Amt** Submitted by: (sign & date) Approved by: (sign & date) May E Bar Digitally signed by Mary Baker Date: 2021.05.27 13:55:05-04'00' Digitally signed by James Fallon, P.E. Date: 2021.05.28 11:22:47-04'00' Principal Engineer - Mary E. Baker Assistant Chief Engineer - James A. Fallon Bartholomew Sweeney, P.E. 5/28/2021 Division Chief - Bartholomew P. Sweeney Director of Capital Services - Darren E. Meyers

Preli	minary En	gineering Esti		RPM		Project ID	DOT	017035	93PE				
Proj	Activity	Federal	Fed	Fed	Source	State Amount	State	State	Source	Other	Other	Other	Source
Type	9 1	Amount	Fund	SID	Туре	State Amount	Fund	SID	Туре	Amount	Fund	SID	Туре
PE	PE0000	\$400,000	12062	22108	ZSTPA	\$100,000	12001	12518	ZSTEZ				
PE	PE0000	\$1,600,000	12062	21118	ZACZZ	\$400,000	12001	12518	ZSTAC				
PE													
PE													
		\$2,000,000				\$500,000				\$0			

PE SUM: \$2,500,000

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

RW SUM: \$0

Cons	truction E	stimates by A	Activity /	Fund .	/ SID:			RPM		Project ID		0	
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
	CT0000												
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
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CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
		\$0	-			\$0				\$0			
CN	I SUM:	<b>\$0</b>											

		Activity	DOTCN Budget in Core-CT
DOTPE Budget in	า	СТ	\$0
Core-CT	Activity	CG	\$0
\$0	PE	IN	\$0
\$0	NF NF	NI	\$0
\$0		NF	\$0
		UT	\$0
OOTRW Budget i	n	RF	\$0
Core-CT	Activity	SF	\$0
\$0	RW	TF	\$0
\$0	NF	CM	\$0
\$0	<del></del>		\$0

### **DEPT. OF TRANSPORTATION**

#### PROJECT ESTIMATE MODIFICATION

Page No. 1

Run Date 05/25/2021

Run Time 12:51:17

Project ID: DOT01703609PE - Load Rating - NHS Bridges

Project Description: Perform load ratings for bridges that are on the NHS (National Highway System). Project term is

07/01/2021-06/30/2026; PAED 12/31/2029. This project replaces DOT01703382PE, which expires on

6/30/2021.

Project Manager: Chuong,Bao K
Prior Approval: No Prior Approval

Current Estimate: 05/25/2021 EI - From Estimate To Initiated RPM

Mod Justification: In order to comply with 'Metric #13: Inspection Procedures - Load Rating' detailed in FHWA's

"Metrics for the Oversight of the National Bridge Inspection Program" dated April 2013, the Department must perform load ratings on bridges to determine their safe load carrying capacity. The load ratings will be completed by both CTDOT staff and a consultant(s).

### **ESTIMATE BY ACTIVITY:**

<b>ACTIVITY</b>	FUND	SID	SOURCE	CURRENT ESTIMATE	PRIOR APPROVAL	MODIFICATION
PE0000	12001	12518	ZSTAC	930,000.00	0.00	930,000.00
PE0000	12001	12518	ZSTEZ	400,000.00	0.00	400,000.00
PE0000	12062	21118	ZACZZ	3,720,000.00	0.00	3,720,000.00
PE0000	12062	22108	ZNHPP	1,600,000.00	0.00	1,600,000.00
		Activity PE0	000 Subtotal:	6,650,000.00	0.00	6,650,000.00
		•				
		Project DOT	01703609PE Total:	6,650,000.00	0.00	6,650,000.00

#### **ESTIMATE BY SID:**

<u>SID</u> 12518	SOURCE ZSTAC	ACTIVITY FUND PE0000 12001 SOURCE ZSTAC Subtotal:	CURRENT ESTIMATE 930,000.00 930,000.00	PRIOR APPROVAL 0.00 0.00	MODIFICATION 930,000.00 930,000.00
12518	ZSTEZ	PE0000 12001 SOURCE ZSTEZ Subtotal:	400,000.00 400,000.00	0.00	400,000.00 400,000.00
		SID 12518 Subtotal:	1,330,000.00	0.00	1,330,000.00
21118	ZACZZ	PE0000 12062 SOURCE ZACZZ Subtotal:	3,720,000.00 3,720,000.00	0.00	3,720,000.00 3,720,000.00
		SID 21118 Subtotal:	3,720,000.00	0.00	3,720,000.00
22108	ZNHPP	PE0000 12062 SOURCE ZNHPP Subtotal:	1,600,000.00 1,600,000.00	0.00	1,600,000.00 1,600,000.00
		SID 22108 Subtotal:	1,600,000.00	0.00	1,600,000.00
		Project DOT01703609PE Total:	6,650,000.00	0.00	6,650,000.00

Approved By:		
	Date:	Date:
See Attached		See Attached
	Date:	Date: 5/25/2021
See Attached		Capital Planning - Darren F. Meyers



### PROJECT MEMORANDUM FOR

ENGINEERING - NO PPI	`

DATE: 4/15/2021 To: Darren E. Meyers MOD# **RPM** L. Zhang for Andrew Cardinali From: FD Project ID: **Director of Capital Services Bureau of Finance & Administration** PE or PL Project ID: DOT01703609PE RW Project ID: CN Project ID: Please Review Project Information and Estimate for Approval: Project Description (short): Load Rating - NHS Bridges Perform load ratings for bridges that are on the NHS (National Highway System). Project term is 07/01/2021-06/30/2026; PAED 12/31/2029. This project replaces DOT01703382PE, which expires Project Description (long): on 6/30/2021. In order to comply with 'Metric #13: Inspection Procedures - Load Rating' detailed in FHWA's Justification: "Metrics for the Oversight of the National Bridge Inspection Program" dated April 2013, the Department must perform load ratings on bridges to determine their safe load carrying capacity. The load ratings will be completed by both CTDOT staff and a consultant(s). Total 5 year estimated cost is \$6,650,000 with \$2.0M for SFY22, \$1.5M for SFY23, and \$1,050,000 for each of years SFY24, SFY25 and SFY26, planned to be budgeted annually Project Manager: through the modification and AC conversion process. **Bao Chuong** Placeholder in OBL for this project is Brdg-LRNH. Project Engineer: Scope Code: #N/A Scope code is only applicable to projects with a CN phase Requested Schedule (Proj. Manager): Assigned Schedule (Capital Planning): 7/1/2021 **PE Start** PE Auth Design Approval/FD/RW FD/RW Auth **FDP** FDP State ADV **DCD** DCD **Town ADV ADV** ADV Estimates by Activity (Minor Phase): Total EST in **Estimate in Core-CT EST Amount** Estimate in Total EST in Activity Core-CT for RPM / MOD# Requested Core-CT for **EST Amount** Core-CT RPM/MOD# Requested **Activity** CT \$0 \$0 \$0 \$0 \$0 \$6,650,000 PE CG \$0 \$0 \$0 \$0 \$0 \$0 NF ĪΝ \$0 \$0 \$0 \$0 \$0 \$0 NI \$0 \$0 \$6,650,000 NF \$0 \$0 \$0 UT \$0 \$0 \$0 Estimate in \$0 \$0 Total EST in Core-CT for **RF** \$0 **EST Amount** RPM/MOD# SF \$0 \$0 \$0 Core-CT Activity Requested \$0 \$0 \$0 RW TF \$0 \$0 \$0 \$0 \$0 \$0 \$0 NF CM \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0

Approved by: (sign & date)
Fallon, James    Sall of year   Free   Free
Assistant Chief Engineer - James A. Fallon
Mayer 4/29/2021
Director of Capital Services - Darren E. Meyers

Prelin	reliminary Engineering Estimates by Activity / Fund / SID:									Project ID	DOT	017036	09PE
Proj	Activity	Federal	Fed	Fed	Source	State Amount	State	State	Source	Other	Other	Other	Source
Туре	pe ,	Amount	Fund	SID	Туре	State Amount	Fund	SID	Туре	Amount	Fund	SID	Туре
PE	PE0000	\$1,600,000	12062	22108	ZNHPP	\$400,000	12001	12518	ZSTEZ				
PE	PE0000	\$3,720,000	12062	21118	ZACZZ	\$930,000	12001	12518	ZSTAC				
PE													
PE													
	•	\$5,320,000				\$1,330,000				\$0			

PE SUM: \$6,650,000

Rights	s of Way E	stimates by A		RPM		Project ID		0					
Proj	A otivity	Federal	Fed	Fed	Source	State Amount	State	State	Source	Other	Other	Other	Source
Туре	Activity	Amount	Fund	SID	Type	State Amount	Fund	SID	Туре	Amount	Fund	SID	Туре
RW	RW0000												
RW													
RW													
RW													
		\$0				\$0				\$0			
DW	/ CLIM.	¢Λ		•									

RW SUM: \$0

Const	ruction E	stimates by A	ctivity /	Fund /	SID:			RPM		Project ID		0	
Proj Type	Activity	Federal Amount	Fed Fund	Fed SID	Source Type	State Amount	State Fund	State SID	Source Type	Other Amount	Other Fund		Source Type
CN	CT0000												
CN													
CN													
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CN													
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CN													
CN		<u> </u>				<u> </u>				<u> </u>			
CN	I SUM:	\$0 <b>\$0</b>				\$0				\$0			

		Activity	DOTCN Budget in Core-CT
<b>DOTPE Budget in</b>	า	СТ	\$0
Core-CT	Activity	CG	\$0
\$0	PE	IN	\$0
\$0	NF	NI	\$0
\$0		NF	\$0
		UT	\$0
DOTRW Budget i	n	RF	\$0
Core-CT	Activity	SF	\$0
\$0	RW	TF	\$0
\$0	NF	СМ	\$0
\$0			\$0

#### **DEPT. OF TRANSPORTATION**

#### PROJECT ESTIMATE MODIFICATION

Page No. 1 Run Date 11/30/2022 Run Time 14:45:18

Project ID: DOT01703639HO - CTSS Operational Improvement

Project Description: Statewide Computerized Traffic Signal Systems (CTSS) Operational Improvement Project (OIP) for

support of traffic signal central control system software, operations and maintenance of traffic

signal equipment. PODI term project 1/1/23-12/31/26.

Project Manager: Danh, Kevin
Prior Approval: No Prior Approval

Current Estimate: 11/30/2022 EI - From Estimate To Initiated RPM

Mod Justification: This non-construction OIP is to fund Intelligent Transportation Systems (ITS) CTSS central control system software and modules procurement, integration, configuration, and operation; operational costs for management, monitoring, control and coordination timing plans for CTSS:

operational costs for management, monitoring, control and coordination timing plans for CTSS; performance measures; non-construction equipment procurement and installation; consultant and state labor support for the OIP activity; and CTDOT Office of Maintenance state forces

response for emergency repair of state-owned traffic signals. The OIP for CTSS support provides an opportunity to improve traffic signal and system operation to meet multiple traffic signal objectives through a series of strategies and tactics. Implementing advanced technology/applications including traffic signal central control system software and modules, communications technology, traffic signal controllers, arterial CCTV and traffic signal

detection technology will provide the CTSS engineers continuous real time data sources that lead to improved management of CTSS for increased safety, efficiency, reliability and

mobility. This project partly replaces projects DOT00930228HO & DOT00930229HO. PAED 6/30/30.

#### **ESTIMATE BY ACTIVITY:**

<u>ACTIVITY</u>	FUND	SID	SOURCE	CURRENT ESTIMATE	PRIOR APPROVAL	MODIFICATION
HO0000	12001	12518	ZSTAC	3,158,000.00	0.00	3,158,000.00
HO0000	12001	12518	ZSTEZ	784,000.00	0.00	784,000.00
HO0000	12062	21118	ZACZZ	12,632,000.00	0.00	12,632,000.00
HO0000	12062	22108	ZSTPA	3,136,000.00	0.00	3,136,000.00
		Activity HO00	00 Subtotal:	19,710,000.00	0.00	19,710,000.00
		Project DOT0	1703639HO Total:	19.710.000.00	0.00	19.710.000.00

### **ESTIMATE BY SID:**

<u>SID</u> 12518	SOURCE ZSTAC	ACTIVITY FUND HO0000 12001 SOURCE ZSTAC Subtotal:	CURRENT ESTIMATE 3,158,000.00 3,158,000.00	PRIOR APPROVAL 0.00 0.00	MODIFICATION 3,158,000.00 3,158,000.00
12518	ZSTEZ	HO0000 12001 SOURCE ZSTEZ Subtotal:	784,000.00 784,000.00	0.00	784,000.00 784,000.00
		SID 12518 Subtotal:	3,942,000.00	0.00	3,942,000.00
21118	ZACZZ	HO0000 12062 SOURCE ZACZZ Subtotal:	12,632,000.00 12,632,000.00	0.00	12,632,000.00 12,632,000.00
		SID 21118 Subtotal:	12,632,000.00	0.00	12,632,000.00
22108	ZSTPA	HO0000 12062 SOURCE ZSTPA Subtotal:	3,136,000.00 3,136,000.00	0.00	3,136,000.00 3,136,000.00
		SID 22108 Subtotal:	3,136,000.00	0.00	3,136,000.00
		Project DOT01703639HO Total:	19,710,000.00	0.00	19,710,000.00

Date:	Date:
	See Attached
Date:	Date: 12/01/22
Date.	Capital Planning - Darren E. Meyers
	Date:

Hara Go De Day

Principal Engineer - Harold J. Decker

2022.09.08 15:42:19-04'00'



### PROJECT MEMORANDUM - NO PPI

DATE: 8/22/2022 To: Darren E. Meyers MOD# From: Jen Trio for Kevin Danh **Director of Capital Services** HO Project ID: DOT01703639HO **Bureau of Finance & Administration** FD Project ID: RW Project ID: CN Project ID: Please Review Project Information and Estimate for Approval: Project Description (short): CTSS Operational Improvement Statewide Computerized Traffic Signal Systems (CTSS) Operational Improvement Project (OIP) Project Description (long): for support of traffic signal central control system software, operations and maintenance of traffic signal equipment. PODI term project 1/1/23-12/31/26. This non-construction OIP is to fund Intelligent Transportation Systems (ITS) CTSS central control system software and Justification: modules procurement, integration, configuration, and operation; operational costs for management, monitoring, control and coordination timing plans for CTSS; performance measures; non-construction equipment procurement and installation; consultant and state labor support for the OIP activity; and CTDOT Office of Maintenance state forces response for emergency repair of state-owned traffic signals. The OIP for CTSS support provides an opportunity to improve traffic signal and system operation to meet multiple traffic signal objectives through a series of strategies and tactics. Implementing advanced technology/applications including traffic signal central control system software and modules, communications technology, traffic signal controllers, arterial CCTV and traffic signal detection technology will provide the CTSS engineers continuous real time data sources that lead to improved management of CTSS for increased safety, efficiency, reliability and mobility. This project partly replaces projects DOT00930228HO & DOT00930229HO. PAED 6/30/30. Project Manager: **Kevin Danh** Project Engineer: Total estimated cost is \$19,710,000 with yr 1 = \$3,920,000, yr 2 = \$4,360,000, yr 3 = \$4,970,000 and yr 4 = \$6,460,000. CTSS activities were previously funded under the Newington Highway Operations Center projects, but FHWA has requested that a standalone CTSS OIP be initiated. Per FHWA, procurement costs do not need to be segregated and tracked under a standalone Federal-aid project number. **Scope Code:** #N/A Requested Schedule (Proj. Manager): **Assigned Schedule (Capital Planning):** 1/1/2023 **HO Start** PE Auth **FDP** FDP State ADV DCD DCD **Town ADV ADV** ADV **Estimates Summary: Project Type CN EST Amount Project EST Amount** Activity Requested Requested **Type** CT \$0 HO \$0 \$19.710.000 CG FD \$0 IN \$0 NI \$19,710,000 **Total** \$0 NF UT \$0 RF \$0 **Project EST Amount** Requested SF \$0 Type TF \$0 RW CM \$0 **Total** \$0 \$0 **Total** Project Grand Total (Sum of Project Types) = \$19,710,000 Submitted by: (sign & date) Approved by: (sign & date) NAR Date: 2022.09.08 15:35:51-04'00' Pul Tino Project Manager - Kevin Danh Bureau Chief - Paul T. Rizzo

Janen Weyer

Director of Capital Services - Darren E. Meyers

Estin	stimates for HO:						RPM Project			Project ID	DOT01703639HO		
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
НО	HO0000	\$3,136,000	12062	22108	ZSTPA	\$784,000	12001	12518	ZSTEZ				
НО	HO0000	\$12,632,000	12062	21118	ZACZZ	\$3,158,000	12001	12518	ZSTAC				
PE													
PE													
		\$15,768,000				\$3,942,000				\$0			
-	Total	\$19,710,000											

Estin	stimates for FD of PE portion:									Project ID		0	
Proj	Activity	Federal	Fed	Fed	Source	State Amount	State	State	Source	Other	Other	Other	Source
Туре	Activity	Amount	Fund	SID	Туре	State Amount	Fund	SID	Туре	Amount	Fund	SID	Туре
	PE0000												
FD													
FD													
FD													
		\$0				\$0				\$0	•		
-	Total	\$0										•	

Estir	stimates for Rights of Way:									Project ID		0	
Proj	Activity	Federal	Fed	Fed	Source	State Amount	State	State	Source	Other	Other	Other	Source
Туре	Activity	Amount	Fund	SID	Туре	State Amount	Fund	SID	Туре	Amount	Fund	SID	Туре
RW	RW0000												
RW													
RW													
RW													
		\$0	\$0					\$0					
7	Γotal	<b>\$0</b>											

Estin	nates for C	onstruction:				RPM		Project ID		0				
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													
CN														
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CN														
		\$0							\$0					
•	Total	\$0												



### PROJECT MEMORANDUM FOR **ENGINEERING**

DATE	4/00/0000
DATE:	4/20/2023

To: Darren E. Meyers MOD# **Director of Capital Services** 

Principal Engineer

From: L. Zhang for Barry Schilling

PE or PL Project ID: DOT01703640PE

Bureau of Finance & A			F	D Project ID:	DOT01703640FD
Please Review Project Informa	ation and Estimate for	Approval:		V Project ID: N Project ID:	DOT01703640CN
Project Description (short):					
28 (30 Characters)		ne sign and sign support	replacement alor	ng I-95 and I-39	5.
Project Description (long):		0 0 11	•	J	
78 (254 Characters)					
Justification:		roject is to improve dire	-		_
315 (1333 Characters)	•	roject will create a stand			_
Project Manager:	•	go signing on the mainli	ne approach to th	e Service Plaza	is. The PE phase
Barry Schilling	includes a PD/FD spl	IT.			
Project Engineer:	PPI # PP170-0027. Pe	r info contained on the PPI	, FHWA confirmed	this project is elig	jible for Federal
James Massini		e exception of any specific			
		OT's Concessions and Agr come to a cost sharing agre			
		urposes of the RPM, the Cl			
	this may change followi	ng negotiations/outcome o	f cost sharing agree	ement. Traffic is	responsible for
		ce to provide cost sharing i		ppropriate time.	CN phase to draw
		PRES placeholder in OBL			
Scope Code: ST 5	ST 5 - Signing	Managor):	Assign	ed Schedule (Cap	ital Planning):
Reques	ted Schedule (Proj. N		Assign	PE Auth	itai Pianning):
	ASAP 7/24/2024	PE(PD) Start Design Approval/FD	/D\M	FD/RW Auth	
E 04 4 4 5 14	12/4/2024	FDP	IXVV	FDP	
<b>▼</b> State ADV	1/15/2025	DCD		DCD	
Town ADV	2/12/2025	ADV		ADV	
Estimates Summary:					
,			Project Type Cl	N	
Project	EST Amount		Activity		EST Amount
Туре	Requested		-		Requested
DE DI	<b>#200 000</b>		CT		\$3,750,000
PE or PL FD	\$300,000 \$300,000		CG IN		\$0 \$0
			NI		\$0
Total	\$600,000		NF		\$0
			UT		\$0
Project	EST Amount		RF		\$0
Туре	Requested		SF		\$0
RW	\$0		TF CM		\$0 \$0
Total	\$0		Total		\$3,750,000
Project Gran	d Total (Sum of Pro	oject Types) = \$4,350	0,000		
Submitted by: (sign & date)			Approved by: (sign	& date)	
Project Manager			Division Chief		

Director of Capital Services - Darren E. Meyers

Estim	stimates for PL, PD, portion of PE, or total PE (if no PD/FD split):								Project ID DOT0170364			640PE	
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					\$300,000	13033	41400	ZSTEZ				
PE													
PE													
PE													
		\$0				\$300,000				\$0	•		
7	Γotal	\$300,000											

Estin	Estimates for FD of PE portion:						RPM			Project ID	DOT01703640F		640FD
Proj	Activity	Federal	Fed	Fed	Source	State Amount	State	State	Source	Other	Other	Other	Source
Proj Type	Activity	Amount	Fund	SID	Туре	State Amount	Fund	SID	Туре	Amount	Fund	SID	Type
FD	PE0000					\$300,000	13033	41400	ZSTEZ				
FD													
FD													
FD													
		\$0				\$300,000				\$0			
-	Total	\$300,000											

Estin	nates for l	Rights of Way					RPM		Project ID		0		
Proj	A ativity	Federal	Fed	Fed	Source	State Amount	State	State	Source	Other	Other	Other	Source
Туре	Activity	Amount	Fund	SID	Туре	State Amount	Fund	SID	Туре	Amount	Fund	SID	Туре
RW	RW0000												
RW													
RW													
RW													
	٠	\$0				\$0				\$0			•
1	Γotal	\$0											

Estin	nates for C	Construction:					RPM Project ID DOT017036					340CN	
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	\$3,750,000	12062	22108	ZNHPP								
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
CN													
		\$3,750,000				\$0				\$0			
	Total	\$3,750,000											

### **DEPT. OF TRANSPORTATION**

#### PROJECT ESTIMATE MODIFICATION

Page No. 1 12/07/2022 Run Date Run Time 08:47:31

DOT01705032PE - Fed Eligible PE: TA Program Project ID:

This project provides funding for CTDOT and CTDOT's consultant liaison engineer (CLE) to perform **Project Description:** 

federally eligible engineering activities associated with administration and oversight of the

Federal Transportation Alternatives (TA) Program.

Project Manager: Saldana, Michelle C Prior Approval: No Prior Approval

EI - From Estimate To Initiated **Current Estimate:** 12/07/2022 **RPM** 

**Mod Justification:** To provide funding for CTDOT and CTDOT's CLE for federally eligible engineering activities associated with engineering reviews, permitting reviews, design development, etc.under the Federal TA Program. This project replaces current project DOT01703439PE. This request of \$3.9M will provide funding for eligible activities for a 5 year period - Term 1/1/2023 thru

12/31/2027. PAED of 6/30/2031. All federally ineligible activities will be charged under State funded project DOT01703442PE. Federal funding provided under TA Program Special Eligibility 23 USC 133(h)(6)(c), which allows 5% of TA Set-Aside to be used to provide technical assistance, application assistance and administration of the program. This Special Eligibility requires use of subsidiary program codes to track the 5% limit. Note: initial

FMIS agreement should include \$300,764 for TA Flex and AC balance under program code Y100 and

\$323,236 for >200k under program code Y101.

### **ESTIMATE BY ACTIVITY:**

<u>ACTIVITY</u>	FUND	SID	SOURCE_	CURRENT ESTIMATE	PRIOR APPROVAL	MODIFICATION
PE0000	12062	21118	ZACZZ	2,496,000.00	0.00	2,496,000.00
PE0000	12062	22108	ZTANL	22,771.00	0.00	22,771.00
PE0000	12062	22108	ZTAZB	106,277.00	0.00	106,277.00
PE0000	12062	22108	ZTAZH	111,996.00	0.00	111,996.00
PE0000	12062	22108	ZTAZN	68,157.00	0.00	68,157.00
PE0000	12062	22108	ZTAZS	10,864.00	0.00	10,864.00
PE0000	12062	22108	ZTAZW	3,171.00	0.00	3,171.00
PE0000	12062	22108	ZTAZZ	300,764.00	0.00	300,764.00
PE0000	13033	41404	ZSTEZ	780,000.00	0.00	780,000.00
		Activity PE000	00 Subtotal:	3,900,000.00	0.00	3,900,000.00
		Project DOT0	1705032PE Total:	3,900,000.00	0.00	3,900,000.00

### **ESTIMATE BY SID:**

<u>SID</u> 21118	SOURCE ZACZZ	ACTIVITY FUND_ PE0000 12062 SOURCE ZACZZ Subtotal:	CURRENT ESTIMATE 2,496,000.00 2,496,000.00	PRIOR APPROVAL 0.00 0.00	MODIFICATION 2,496,000.00 2,496,000.00
		SID 21118 Subtotal:	2,496,000.00	0.00	2,496,000.00
22108	ZTANL	PE0000 12062 SOURCE ZTANL Subtotal:	22,771.00 22,771.00	0.00	22,771.00 22,771.00
22108	ZTAZB	PE0000 12062 SOURCE ZTAZB Subtotal:	106,277.00 106,277.00	0.00	106,277.00 106,277.00
22108	ZTAZH	PE0000 12062 SOURCE ZTAZH Subtotal:	111,996.00 111,996.00	0.00	111,996.00 111,996.00
22108	ZTAZN	PE0000 12062 SOURCE ZTAZN Subtotal:	68,157.00 68,157.00	0.00	68,157.00 68,157.00
22108	ZTAZS	PE0000 12062 SOURCE ZTAZS Subtotal:	10,864.00 10,864.00	0.00	10,864.00 10,864.00
22108	ZTAZW	PE0000 12062 SOURCE ZTAZW Subtotal:	3,171.00 3,171.00	0.00	3,171.00 3,171.00
22108	ZTAZZ	PE0000 12062 SOURCE ZTAZZ Subtotal:	300,764.00 300,764.00	0.00	300,764.00 300,764.00

PROJECT ESTIMATE MODIFICATION

Page No. 2 Run Date 12/07/2022 Run Time 08:47:32

		SID 22108 Subtotal:	624,000.00	0.00	624,000.00
41404	ZSTEZ	PE0000 13033 SOURCE ZSTEZ Subtotal:	780,000.00 780,000.00	0.00	780,000.00 780,000.00
		SID 41404 Subtotal:	780,000.00	0.00	780,000.00
		Project DOT01705032PE Total:	3,900,000.00	0.00	3,900,000.00

Approved By:		
	Date:	Date:
See Attached		See Attached
See Attached	Date:	Date: 12/7/22  Capital Planning - Darrer E Meyers

**Division Chief** 



## PROJECT MEMORANDUM FOR ENGINEERING - NO PPI

DATE: 5/26/2022 Michelle C. Saldana To: Darren E. Meyers MOD# From: PE or PL Project ID: DOT01705032PE **Director of Capital Services Bureau of Finance & Administration** FD Project ID: **RW Project ID:** Please Review Project Information and Estimate for Approval: CN Project ID: Project Description (short): Fed Eligible PE: TA Program This project provides funding for CTDOT and CTDOT's consultant liaison engineer (CLE) to perform federally eligible engineering activities associated with administration and oversight of the Project Description (long): Federal Transportation Alternatives (TA) Program. Justification: To provide funding for CTDOT and CTDOT's CLE for federally eligible engineering activities associated with engineering reviews, permitting reviews, design development, etc.under the Federal TA Program. This project replaces current project DOT01703439PE. This request of \$3.9M will provide funding for eligible activities for a 5 year period - Term 1/1/2023 thru 12/31/2027. PAED of 6/30/2031. All federally ineligible activities will be charged under State funded project DOT01703442PE. Total EST is \$3.9M @ \$780K/yr.(80% FEDERAL, 20% STATE). Funding provided under TA Program Special Eligibility 23 USC 133(h)(6)(c) which allows 5% of TA Set-Aside to be used to provide technical assistance, **Project Manager:** application assistance and administration of the program. This Special Eligibility requires use of subsidiary program Michael Cherpak codes to track the 5% limit. Note: FMIS agreement should include \$300,764 for TA Flex and AC balance under Project Engineer: program code Y100 and \$323,236 for >200k under program code Y101 (breakdown by urban area provided in Michelle Saldana funding section). #N/A Scope Code: Requested Schedule (Proj. Manager): **Assigned Schedule (Capital Planning):** 1/1/2023 **PE Start** PE Auth **Design Approval/FD/RW** FD/RW Auth **FDP FDP** State ADV **DCD** DCD **Town ADV ADV** ADV **Estimates Summary: Project Type CN Project EST Amount EST Amount** Activity **Type** Requested Requested CT \$0 PE or PL \$3,900,000 CG \$0 FD \$0 IN \$0 \$0 NI \$3,900,000 **Total** NF \$0 UT \$0 **Project EST Amount RF** \$0 SF \$0 Requested Type TF \$0 RW \$0 CM \$0 **Total** \$0 **Total** \$0 Project Grand Total (Sum of Project Types) = \$3,900,000 Submitted by: (sign & date) Approved by: (sign & date) Principal Engineer Assistant Chief Engineer - James A. Fallon

**Director of Capital Services - Darren E. Meyers** 

Estin	nates for F	PL, PD, portion	n of PE,	of PE, or total PE (if no PD/FD split):					M Project ID DOT0170503			)32PE	
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	Туре
PE	PE0000	\$2,496,000	12062	21118	ZACZZ	\$780,000	13033	41404	ZSTEZ				
PE	PE0000	\$300,764	12062	22108	ZTAZZ								
PE	PE0000	\$106,277	12062	22108	ZTAZB								
PE	PE0000	\$111,996	12062	22108	ZTAZH								
PE	PE0000	\$68,157	12062	22108	ZTAZN								
PE	PE0000	\$22,771	12062	22108	<b>ZTANL</b>								
PE	PE0000	\$10,864	12062	22108	ZTAZS								
PE	PE0000	\$3,171	12062	22108	ZTAZW								
		\$3,120,000				\$780,000			,	\$0			
	Total	\$3,900,000											

Estin	nates for F	D of PE portion			RPM		Project ID		0				
Proj	A otivity	Federal	Fed	Fed	Source	State Amount	State	State	Source	Other	Other	Other	Source
Туре	Activity	Amount	Fund	SID	Туре	State Amount	Fund	SID	Туре	Amount	Fund	SID	Туре
FD	PE0000												
FD													
FD													
FD													
		\$0				\$0				\$0			
-	Total	\$0											

Estir	nates for l	Rights of Way	:				RPM		Project ID		0		
Proj	A ativity	Federal	Fed	Fed	Source	State Amount	State	State	Source	Other	Other	Other	Source
Туре	Activity	Amount	Fund	SID	Туре	State Amount	Fund	SID	Туре	Amount	Fund	SID	Туре
RW	RW0000												
RW													
RW													
RW													
	·	\$0				\$0				\$0			
-	Γotal	\$0											

Estin	nates for C	onstruction:						RPM		Project ID		0	
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												
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CN													
CN													
	,	\$0				\$0				\$0			

Total

\$0

To: Maribeth C. Wojenski
Bureau of Policy and Planning

### TIP/STIP~Action and Amendment Details

3/13/2023

Bureau of Policy an	d Planning	11P/511P~A	ciion unu	Amenun	nent D	eiuiis			3/13/2023
Project No Region R	oute Town	ı Descript	ion					Project M	Ianager
0172-0529 72 VA	RIOUS DISTRI	CT 2 REPLACE	, REHAB OR RE	MOVE RETA	INING W	ALLS IN PO	OD 2A	Booth, Jaco	b
Phase Year FA CODE TO	TAL FEDERAL	STATE LOCAL	Fiscal Impact:	2021		2022	2023	2024	FYI
RW 2024 STPA 100	,000 80,000	20,000 0		0		0	0	80,000	80,000
Revision Code 05-New proje	ct								
amendment add ne	w project. PE phase p	programmed with 10	00% state fund	s					
0172-0529 RW <i>Phase</i>	Total: 100,000	Federal Share: 8	0,000 Sta	te Share:	20,000	Loc	al Share:	0	
Phase Year FA CODE TO	TAL FEDERAL	STATE LOCAL	Fiscal Impact:	2021		2022	2023	2024	FYI
		1,363,616 0	1 iscui Impuci.	0		0	0	0	0
Revision Code 05-New proje				U		U	U	0	U
	w project. PE phase p	orogrammed with 10	00% state fund	s					
	Total: 6,818,080	Federal Share: 5,		te Share:	1,363,616	Loc	al Share:	0	
01-Move project to another	b - Outst	ng limitations anding ROW issue anding Permit	Comments:						
		(Specify)							
02-Fiscal constraint	b - State	ng fully programmed match not available match not available	Comments:						
03-Design schedule chang  a - Permit issue b - CTDOT staffing i	d - ROW		Comments:						
04-Revised cost estimate	b - Increa	ase due to inflation ase due to (specify) ase due to (specify)	Comments:						
05-New project	a - Projec b - Copy	et requested by (specify of RPM attached	) Comments:						
06-New phase	© b − ROW	ase required phase required phase required	Comments:						
07-Administrative require	ement a - Add A b - Other		Comments:						
08-Delete phase	b - Phase	not required changed to State fund changed to Local fund							
09-Delete project  a - Not supported by b - Not supported by	State d - Chang	upported by Town ge to State funded ge to Local funded	Comments:						
10-Correction			Comments:						
11-Financing/Funding rev	rision	o project schedule o funding availability	Comments:						

Monday, March 13, 2023 Page 5 of 6

Principal Engineer



# PROJECT MEMORANDUM FOR ENGINEERING

			ARTHU OF TRANSO		5	ATE: 0/0/0000
Tai	Dorron E Moyoro	MOD #	DDM	Eromi		ATE: 3/2/2023
	Darren E. Meyers	MOD #	RPM	From: _		for Jacob Booth  DOT01720529PE
	Director of Capital Serv Bureau of Finance & Ac				Project ID: Project ID:	DOT01720529PE
	Dultau VI I mance & Ac	allillisti ation			Project ID:	DOT01720529FB
Pleas	e Review Project Informa	ation and Estimate for A	nnroval:		Project ID:	DOT01720529CN
	ect Description (short):			I	1 10,001.2.	
25		Replace, rehabilitate, o		aining wall structur	ree and inspec	ot walls to replace
Pro	ject Description (long):		e within the area (POD)			
224	(254 Characters)	located in District 2.	,			,
	-(20 1 Onalasto.o)					
	luctification	Retaining walls to be includ	lad are State owned locate	d on the Federal-Aid F	Jiahway System	within or adjacent to the
	Justification: (1333 Characters)	State right-of-way, and are				
	(1555 Gharacters)	10 or more years ago were	found to have deficiencies	that categorized them	in poor condition	n needing rehabilitation
		or replacement. Our State's walls in each POD and alor				
		include structural deteriorat	=	=		-
		of the work and to coordina	ite with future highway need	ls at the wall locations		
		The project will address the				
		005, RW-040-151-005, RW 001. Other walls within the				
Project	: Manager:	need rehabilitation or replac	cement. Retaining walls tha	t are not currently in th		
		inspected for deficiencies.			4000/ د	Contractic Decadurary
roject	•	PPI #PP172-0034. To exped funds. Funding for future pha	•			•
	Sonya Wood				711161161119	
Scope		RP 4 - Miscellaneous F		A 1		
	Reques	ted Schedule (Proj. Ma		Assigne	d Schedule (Cap	oital Planning):
		ASAP	PE(PD) Start	D14/	PE Auth	
_		6/19/2024	Design Approval/FD/	RVV	FD/RW Auth	
~	State ADV	10/15/2025	FDP		FDP	
	Town ADV	11/26/2025 12/24/2025	DCD ADV		DCDADV	
		12/27/2020	ADV		ADV	
Estim	ates Summary:			Project Type CN		
Pı	roject	EST Amount		Project Type CN		EST Amount
	Гуре	Requested		Activity		Requested
	ype	110400000		СТ		\$6,818,080
	or PL	\$1,090,904		CG		\$0
	FD	\$422,723		IN		\$0
1	Гotal	\$1,513,627		NI		\$0
		, , ,		NF		\$0 \$0
D	roject	CCT Amount		UT RF		\$0 \$0
	гојест Гуре	EST Amount Requested		SF		\$0 \$0
	урс	Noquotion		TF		\$0 \$0
	RW	\$100,000		CM		\$0
7	Гotal	\$100,000		Total		\$6,818,080
	Otai	φ100,000		IOlai		ψυ,υ τυ,υυυ
	Duringt Onen	LT ( L/Overs of Deci	(T) 00 404			
	Project Grand	d Total (Sum of Proj	ect Types) = \$8,431	,707		
Submit	ted by: (sign & date)			Approved by: (sign 8	date)	
	, (1.5)			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
roject	Manager			Division Chief		

**Director of Capital Services - Darren E. Meyers** 

Estim	Estimates for PL, PD, portion of PE, or total PE (if no PD/FD split):							RPM		Project ID	DOT01720529PE		29PE
Proj	Activity	Federal	Fed	Fed	Source	State Amount	State	State	Source	Other	Other	Other	Source
Туре	Activity	Amount	Fund	SID	Туре	State Amount	Fund	SID	Туре	Amount	Fund	SID	Туре
PE	PE0000					\$1,090,904	13033	43122	ZSTEZ				
PE													
PE													
PE													
		\$0				\$1,090,904				\$0			
-	Total	\$1,090,904											

Estimates for FD of PE portion:						RPM Project ID			DOT01720529FD				
Proj	Activity	Federal	Fed	Fed	Source	State Amount	State	State	Source	Other	Other	Other	Source
Туре	Activity	Amount	Fund	SID	Туре	State Amount	Fund	SID	Туре	Amount	Fund	SID	Type
FD	PE0000					\$422,723	13033	43122	ZSTEZ				
FD													
FD													
FD													
		\$0				\$422,723				\$0			
-	Γotal	\$422,723											

Estin	Estimates for Rights of Way:							RPM Project ID I			DOT	DOT01720529RW		
Proj	Activity	Federal	Fed	Fed	Source	State Amount	State	State	Source	Other	Other	Other	Source	
Туре	Activity	Amount	Fund	SID	Type	State Amount	Fund	SID	Туре	Amount	Fund	SID	Туре	
RW	RW0000	\$80,000	12062	22108	ZSTPA	\$20,000	13033	41404	ZSTEZ					
RW														
RW														
RW														
	ı.	\$80,000				\$20,000				\$0				
Т	otal	\$100,000												

Estin	Estimates for Construction:								RPM Project ID DOT01				29CN
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	\$5,454,464	12062	22108	ZSTPA	\$1,363,616	13033	41404	ZSTEZ				
CN													
CN													
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CN													
CN													
CN													
CN													
CN													
CN													
		\$5,454,464	4 \$1,363,616					\$0					
	Total	\$6,818,080											

	TIP ACTION OR	AMENDMENT FORM
PROJECT NO.	0414-XXXX	PROJECT MANAGER Sandy Infantino PHONE/E-mail: sandy.infantino@ct.gov
DATE:	8/2/2023	
PROJECT DESCRIPTION	CTDOT/SEAT - Facility Modernization	& Deployment of BEBs - FY22 Discretionary
	REASON FOR ACTION	OR AMENDMENT REQUEST ENT 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)	
02 - Fiscal Constraint issues	Funding category fully programmed State match not available Local match not available	
03- Design schedule change	Permit issue ConnDOT staffing issue Local staffing issue ROW issue Other	
04- Revised cost estimates	Increase due to inflation Increase due to cost of (SPECIFY) Decrease due to (SPECIFY) Other	
05- New Project	Project requested by (SPECIFY)	The Department has been awarded FY22 FTA Section 5339    X
06- New Phase	ROW now required CON phase required	
08- Delete phase	Phase not required Phase changed to State funds Phase changed to Local funds	
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	
11-Phase/Financing/Funding Revision	Due to project schedule Due to funding limitations Other	No Povision, are not listed, they are self-avalantany

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