

**STATE OF CONNECTICUT  
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2 in Colchester, to rehabilitate pavement and restore it to an acceptable condition, and upgrade substandard guiderail, outdated bridge rails, and roadside safety features within the project limits.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 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 The substandard guiderail, outdated bridge rails, and overall roadside safety conditions throughout the project limits also warrant upgrade.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.

**ESTIMATE BY ACTIVITY:**

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

**ESTIMATE BY SID:**

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

**Approved By:**

See Attached \_\_\_\_\_ Date: \_\_\_\_\_

See Attached \_\_\_\_\_

\_\_\_\_\_ Date: \_\_\_\_\_

See Attached \_\_\_\_\_ Date: \_\_\_\_\_

  
Capital Planning - Darren E. Meyers

\_\_\_\_\_ Date: 5/10/2021

**STATE OF CONNECTICUT  
DEPARTMENT OF TRANSPORTATION**



**PROJECT MEMORANDUM FOR  
ENGINEERING**

DATE: 3/25/2021

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

MOD #                      RPM                     

From:            L. Zhang for Marissa Washburn  
PE or PL Project ID: **DOT00280207PE**  
FD Project ID: **DOT00280207FD**  
RW Project ID:  
CN Project ID: **DOT00280207CN**

Please Review Project Information and Estimate for Approval:

<b>Project Description (short):</b> 25 (30 Characters)	RBC - Route 2, Colchester
<b>Project Description (long):</b> 254 (254 Characters)	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.

<b>Justification:</b> 920 (1333 Characters)	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.
<b>Project Manager:</b> Michael Cherpak	PE PAED is 9/18/26
<b>Project Engineer:</b> Andrew Correia	
	PPI # PP028-0004 Current CN phase financing plan for Federal funds: \$10M FY24, \$25M FY25, \$21.08M FY26

**Scope Code:** **RP 2** 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
<input checked="" type="checkbox"/> State ADV	2/7/2024	FDP	FDP
<input type="checkbox"/> Town ADV	3/20/2024	DCD	DCD
	4/17/2024	ADV	ADV

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

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

<b>Submitted by:</b> (sign & date)  Project Manager (Marissa L Pfaffinger)	<b>Approved by:</b> (sign & date)  Division Chief (Michael N. Calabrese)
<b>Principal Engineer</b> (Print Name) N/A	 Director of Capital Services - Darren E. Meyers



**STATE OF CONNECTICUT**  
**DEPT. OF TRANSPORTATION**  
**PROJECT ESTIMATE MODIFICATION**

Page No. 1  
 Run Date 12/21/2021  
 Run Time 15:31:56

**Project ID:** DOT00280208PE - Bridge 03395 & NHS 03396 Rehab  
**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., Alvaro  
**Prior Approval:** No Prior Approval  
**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 vehicular strikes to the fascia 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:**

<u>ACTIVITY</u>	<u>FUND</u>	<u>SID</u>	<u>SOURCE</u>	<u>CURRENT ESTIMATE</u>	<u>PRIOR APPROVAL</u>	<u>MODIFICATION</u>
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 PE0000 Subtotal:				565,000.00	0.00	565,000.00
Project DOT00280208PE Total:				565,000.00	0.00	565,000.00

**ESTIMATE BY SID:**

<u>SID</u>	<u>SOURCE</u>	<u>ACTIVITY</u>	<u>FUND</u>	<u>CURRENT ESTIMATE</u>	<u>PRIOR APPROVAL</u>	<u>MODIFICATION</u>
22108	ZNHPP	PE0000	12062	452,000.00	0.00	452,000.00
SOURCE ZNHPP Subtotal:				452,000.00	0.00	452,000.00
SID 22108 Subtotal:				452,000.00	0.00	452,000.00
41393	ZSTEZ	PE0000	13033	113,000.00	0.00	113,000.00
SOURCE ZSTEZ Subtotal:				113,000.00	0.00	113,000.00
SID 41393 Subtotal:				113,000.00	0.00	113,000.00
Project DOT00280208PE Total:				565,000.00	0.00	565,000.00

**Approved By:**

See Attached \_\_\_\_\_ Date: \_\_\_\_\_

See Attached \_\_\_\_\_ Date: \_\_\_\_\_

See Attached \_\_\_\_\_ Date: \_\_\_\_\_

  
 Capital Planning - Darren E. Meyers Date: 12/21/2021



DATE: 10/28/2021

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

MOD #                      RPM                     

From:                      L. Zhang for Alvaro Garcia  
PE or PL Project ID: **DOT00280208PE**  
FD Project ID: **DOT00280208FD**  
RW Project ID: **DOT00280208RW**  
CN Project ID: **DOT00280208CN**

*Please Review Project Information and Estimate for Approval:*

<b>Project Description (short):</b> 30 (30 Characters)	Bridge 03395 & NHS 03396 Rehab
<b>Project Description (long):</b> 130 (254 Characters)	Rehabilitation of Bridges No. 03395 and 03396 carrying Route 2 Westbound and Eastbound, respectively, over Route 85 in Colchester.

<b>Justification:</b> 1103 (1333 Characters)	<p>Bridge 03396 is in poor condition. The superstructure is rated a "4" from deterioration and vehicular strikes to the fascia 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&amp;T and utility relocation required for Bridge 03396. Bridge List No. 35. The PE phase includes a PD/FD split.</p> <p>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 0.02%. The Federal Measure of %NHS Good (by deck area) will also be improved (increase), if full replacement, and would improve this metric by 0.02%.</p>
<b>Project Manager:</b> <b>Alvaro Garcia</b>	
<b>Project Engineer:</b> <b>Luke Arno</b>	PPI # PP028-0005. Bridges are on NBI and NHS. OBL description to start with "NHS -" for tracking of poor Bridge 03396. CN phase to draw down off the FY25 "Brdg-Pres" placeholder under FIF-Bridge in the OBL.

**Scope Code:** **BP 2** BP 2 - Bridge List Program

Requested Schedule (Proj. Manager):		Assigned Schedule (Capital Planning):	
<input checked="" type="checkbox"/> State ADV	<b>3/23/2022</b> PE(PD) Start	PE Auth	<input type="text"/>
<input type="checkbox"/> Town ADV	<b>5/10/2023</b> Design Approval/FD/RW	FD/RW Auth	<input type="text"/>
	<b>5/28/2025</b> FDP	FDP	<input type="text"/>
	<b>7/9/2025</b> DCD	DCD	<input type="text"/>
	<b>8/6/2025</b> ADV	ADV	<input type="text"/>
	PE PAED is 01/07/2028		

Estimates Summary:		Project Type CN	
Project Type	EST Amount Requested	Activity	EST Amount Requested
PE or PL	\$565,000	CT	\$5,800,000
FD	\$382,000	CG	\$0
		IN	\$0
<b>Total</b>	<b>\$947,000</b>	NI	\$0
		NF	\$0
		UT	\$0
		RF	\$0
		SF	\$0
		TF	\$0
		CM	\$0
<b>Total</b>	<b>\$50,000</b>	<b>Total</b>	<b>\$5,800,000</b>

**Project Grand Total (Sum of Project Types) = \$6,797,000**

<b>Submitted by:</b> (sign & date)	<b>Approved by:</b> (sign & date)
Project Manager (Print Name) <u>                    </u> Digitally signed by Alvaro Garcia DN: cn=Alvaro Garcia, o=State of Connecticut, ou=Department of Transportation, email=alvaro.garcia@dot.state.ct.us Date: 2021.11.12 09:03:21-0500'	Division Chief (Print Name) <u>                    </u> Digitally signed by Sweeney, Bartholomew DN: cn=Sweeney, Bartholomew, o=State of Connecticut, ou=Department of Transportation, email=bartholomew.sweeney@dot.state.ct.us Date: 2021.11.15 10:49:01-0500'
Principal Engineer (Print Name) <u>Louis D. Bacho</u> Digitally signed by Louis D. Bacho DN: cn=Louis D. Bacho, o=State of Connecticut, ou=Department of Transportation, email=louis.bacho@dot.state.ct.us Date: 2021.11.12 16:34:34-0500'	Director of Capital Services - <u>Darren E. Meyers</u> Digitally signed by Darren E. Meyers DN: cn=Darren E. Meyers, o=State of Connecticut, ou=Department of Transportation, email=darren.meyers@dot.state.ct.us Date: 2021.11.12 16:34:34-0500'



**STATE OF CONNECTICUT**  
**DEPT. OF TRANSPORTATION**  
**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>	<u>FUND</u>	<u>SID</u>	<u>SOURCE</u>	<u>CURRENT ESTIMATE</u>	<u>PRIOR APPROVAL</u>	<u>MODIFICATION</u>
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 CG0000 Subtotal:				<u>14,829,901.00</u>	<u>0.00</u>	<u>14,829,901.00</u>
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	- 61,332,573.40
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	- 2,000,000.00
Activity CT0000 Subtotal:				<u>151,299,009.00</u>	<u>178,000,000.00</u>	<u>- 26,700,991.00</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 IN0000 Subtotal:				<u>22,244,852.00</u>	<u>0.00</u>	<u>22,244,852.00</u>
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 SF0000 Subtotal:				<u>112,000.00</u>	<u>0.00</u>	<u>112,000.00</u>
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 UT0000 Subtotal:				<u>2,712,189.00</u>	<u>0.00</u>	<u>2,712,189.00</u>
Project DOT00440156CN Total:				<u>191,197,951.00</u>	<u>178,000,000.00</u>	<u>13,197,951.00</u>

**ESTIMATE BY SID:**

<u>SID</u>	<u>SOURCE</u>	<u>ACTIVITY</u>	<u>FUND</u>	<u>CURRENT ESTIMATE</u>	<u>PRIOR APPROVAL</u>	<u>MODIFICATION</u>
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:				<u>93,586,512.00</u>	<u>0.00</u>	<u>93,586,512.00</u>
SID 21118 Subtotal:				<u>93,586,512.00</u>	<u>0.00</u>	<u>93,586,512.00</u>
22108	ZEBEZ	CT0000	12062	466,059.67	0.00	466,059.67
SOURCE ZEBEZ Subtotal:				<u>466,059.67</u>	<u>0.00</u>	<u>466,059.67</u>
22108	ZEBSZ	CT0000	12062	1,600.00	0.00	1,600.00
SOURCE ZEBSZ Subtotal:				<u>1,600.00</u>	<u>0.00</u>	<u>1,600.00</u>
22108	ZMGSZ	CT0000	12062	1,288,256.13	0.00	1,288,256.13
SOURCE ZMGSZ Subtotal:				<u>1,288,256.13</u>	<u>0.00</u>	<u>1,288,256.13</u>

**STATE OF CONNECTICUT  
DEPT. OF TRANSPORTATION  
PROJECT ESTIMATE MODIFICATION**

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Run Date 12/22/2022  
Run Time 09:17:03

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
		SOURCE ZSTEZ Subtotal:		6,000,000.00	6,000,000.00	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

DS  
JT

DS  
KZ

**Approved By:**

Date: \_\_\_\_\_

Date: \_\_\_\_\_

DocuSigned by:

*Arnell Richardson*

Date: 12/29/2022

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Capital Projects

DocuSigned by:

*Daren E. Meyers*

Date: 12/29/2022

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Capital Planning

# Selected Project Listing

Project	Route	Town	Description	Phase	Total	Federal	FDP	DCD	SCH	ACT	ADV <sup>Town (t)</sup>	Prog	Pg	
44-156	I-95	EAST LYME	Improve I-95 Interchange 74 at CT 161	CN <sup>180,475,780</sup>	31,489,268	0		7/27/22	8/17/22	8/18/22	8/24/22	a	2022 STATE	
											State match (Interstate); includes \$1,742,640 ineligible per coord w/ FHWA			
44-156	I-95	EAST LYME	Improve I-95 Interchange 74 at CT 161	CN <sup>180,475,780</sup>	6,000,000	0		7/27/22	8/17/22	8/18/22	8/24/22	a	2022 STATE	
											State match (Bridge)			
44-156	I-95	EAST LYME	Improve I-95 Interchange 74 at CT 161	CN <sup>180,475,780</sup>	29,400,000	29,400,000	6/8/22	7/27/22	8/17/22	8/3/22	8/24/22	a	2022 NHPP	
											22AC22/23/24/25/26 (80/20); Conv 22AC22			
44-156	I-95	EAST LYME	Improve I-95 Interchange 74 at CT 161	CN <sup>180,475,780</sup>	20,000,000	20,000,000		9/7/22	9/21/22	9/12/22	8/24/22	a	2022 NHPP	
											Conv 22AC22 (add'l ceiling)			
44-156	I-95	EAST LYME	Improve I-95 Interchange 74 at CT 161	CN+ <sup>191,197,951</sup>	2,000	1,600		12/28/22	1/18/23	1/11/23			2023 EBS	103
											CN MOD 04, LB, bal w/ NHPP, NHPE, MGS & EBE			
44-156	I-95	EAST LYME	Improve I-95 Interchange 74 at CT 161	CN+ <sup>191,197,951</sup>	1,610,320	1,288,256		12/28/22	1/18/23	1/11/23			2023 MGS	103
											CN MOD 04, LB, bal w/ NHPP, NHPE, EBS & EBE			
44-156	I-95	EAST LYME	Improve I-95 Interchange 74 at CT 161	CN+ <sup>191,197,951</sup>	5,570,112	4,456,090		12/28/22	1/18/23	1/11/23			2023 NHPP	18
											CN MOD 04, LB, bal w/ NHPE, MGS, EBS & EBE			
44-156	I-95	EAST LYME	Improve I-95 Interchange 74 at CT 161	CN+ <sup>191,197,951</sup>	2,957,164	2,365,731		12/28/22	1/18/23	1/11/23			2023 NHPP-Exempt	33
											CN MOD 04, LB, bal w/ NHPP, MGS, EBS & EBE			
44-156	I-95	EAST LYME	Improve I-95 Interchange 74 at CT 161	CN+ <sup>191,197,951</sup>	582,575	466,060		12/28/22	1/18/23	1/11/23			2023 EBE	103
											CN MOD 04, LB, bal w/ NHPP, NHPE, MGS & EBS			
44-156	I-95	EAST LYME	Improve I-95 Interchange 74 at CT 161	CN <sup>191,197,951</sup>	11,400,000	11,400,000		6/7/23	6/28/23		8/24/22	a	2023 NHPP	20
											Conv 22AC23			
44-156	I-95	EAST LYME	Improve I-95 Interchange 74 at CT 161	CN <sup>191,197,951</sup>	25,000,000	25,000,000		9/13/23	9/27/23		8/24/22	a	2023 NHPP	22
											Conv 22AC23, final transaction to close FY23			
44-156	I-95	EAST LYME	Improve I-95 Interchange 74 at CT 161	CN <sup>191,197,951</sup>	1,000,000	1,000,000		11/1/23	11/22/23		8/24/22	a	2024 NHPP	23
											Conv 22AC24, bal w/ NHPP-Exempt			
44-156	I-95	EAST LYME	Improve I-95 Interchange 74 at CT 161	CN <sup>191,197,951</sup>	11,400,000	11,400,000		11/1/23	11/22/23		8/24/22	a	2024 NHPP-Exempt	33
											Conv 22AC24, bal w/ NHPP			
44-156	I-95	EAST LYME	Improve I-95 Interchange 74 at CT 161	CN <sup>191,197,951</sup>	7,400,000	7,400,000		11/6/24	11/27/24		8/24/22	a	2025 NHPP-Exempt	33
											Conv 22AC25, bal w/ NHPP			
44-156	I-95	EAST LYME	Improve I-95 Interchange 74 at CT 161	CN <sup>191,197,951</sup>	17,980,000	17,980,000		11/6/24	11/27/24		8/24/22	a	2025 NHPP	26
											Conv 22AC25, bal w/ NHPP-Exempt			
44-156	I-95	EAST LYME	Improve I-95 Interchange 74 at CT 161	CN <sup>191,197,951</sup>	12,006,512	12,006,512		11/5/25	11/26/25		8/24/22	a	2026 NHPP	28
											Conv 22AC26, bal w/ NHPP-Exempt			
44-156	I-95	EAST LYME	Improve I-95 Interchange 74 at CT 161	CN <sup>191,197,951</sup>	7,400,000	7,400,000		11/5/25	11/26/25		8/24/22	a	2026 NHPP-Exempt	33
											Conv 22AC26, bal w/ NHPP			

Region 13

**Total by Project Phase:** 191,197,951 151,564,249

Pfaffinger, Jeffrey

Grillo, Charles

**STATE OF CONNECTICUT**  
**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 EI - From Estimate To Initiated RPM  
**Mod Justification:** 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:**

<u>ACTIVITY</u>	<u>FUND</u>	<u>SID</u>	<u>SOURCE</u>	<u>CURRENT ESTIMATE</u>	<u>PRIOR APPROVAL</u>	<u>MODIFICATION</u>
PE0000	12062	22108	ZSTPR	848,000.00	0.00	848,000.00
PE0000	13033	41393	ZSTEZ	212,000.00	0.00	212,000.00
Activity PE0000 Subtotal:				1,060,000.00	0.00	1,060,000.00
Project DOT00520094PE Total:				1,060,000.00	0.00	1,060,000.00

**ESTIMATE BY SID:**

<u>SID</u>	<u>SOURCE</u>	<u>ACTIVITY</u>	<u>FUND</u>	<u>CURRENT ESTIMATE</u>	<u>PRIOR APPROVAL</u>	<u>MODIFICATION</u>
22108	ZSTPR	PE0000	12062	848,000.00	0.00	848,000.00
SOURCE ZSTPR Subtotal:				848,000.00	0.00	848,000.00
SID 22108 Subtotal:				848,000.00	0.00	848,000.00
41393	ZSTEZ	PE0000	13033	212,000.00	0.00	212,000.00
SOURCE ZSTEZ Subtotal:				212,000.00	0.00	212,000.00
SID 41393 Subtotal:				212,000.00	0.00	212,000.00
Project DOT00520094PE Total:				1,060,000.00	0.00	1,060,000.00

**Approved By:**

See Attached \_\_\_\_\_ Date: \_\_\_\_\_

See Attached \_\_\_\_\_ Date: \_\_\_\_\_

See Attached \_\_\_\_\_ Date: \_\_\_\_\_

 \_\_\_\_\_ Date: 11/30/22  
 Capital Planning - Darren E. Meyers



DATE: 9/23/2022

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

MOD #                      RPM

From:                      L. Zhang for Jacob Booth  
PE or PL Project ID: **DOT00520094PE**  
FD Project ID: **DOT00520094FD**  
RW Project ID: **DOT00520094RW**  
CN Project ID: **DOT00520094CN**

Please Review Project Information and Estimate for Approval:

<b>Project Description (short):</b> 25 (30 Characters)	Bridge #00935 Replacement
<b>Project Description (long):</b> 102 (254 Characters)	NHS - Replacement of Bridge No. 00935 carrying Route 32 over New England Central Railroad in Franklin.

<b>Justification:</b> 1098 (1333 Characters)	<p>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.</p> <p>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) 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 the bridge components, which would improve this metric by 0.03%.</p>
<b>Project Manager:</b>  Jacob Booth	
<b>Project Engineer:</b>  Dhvani Patel	
	PPI # PP052-0003. Requires individual STIP entry because on the NHS and over \$5 million.

<b>Scope Code:</b>	<b>BP 2</b>	BP 2 - Bridge List Program
<b>Requested Schedule (Proj. Manager):</b>		<b>Assigned Schedule (Capital Planning):</b>
<input checked="" type="checkbox"/> State ADV	<b>11/23/2022</b>	<b>PE(PD) Start</b> PE PAED is 9/8/28
<input type="checkbox"/> Town ADV	<b>1/10/2024</b>	<b>Design Approval/FD/RW</b>
	<b>1/28/2026</b>	<b>FDP</b>
	<b>3/11/2026</b>	<b>DCD</b>
	<b>4/8/2026</b>	<b>ADV</b>
		PE Auth <input type="text"/>
		FD/RW Auth <input type="text"/>
		FDP <input type="text"/>
		DCD <input type="text"/>
		ADV <input type="text"/>

<b>Estimates Summary:</b>		<b>Project Type CN</b>	
<b>Project Type</b>	<b>EST Amount Requested</b>	<b>Activity</b>	<b>EST Amount Requested</b>
PE or PL	\$1,060,000	CT	\$15,700,000
FD	\$778,000	CG	\$0
<b>Total</b>	<b>\$1,838,000</b>	IN	\$0
		NI	\$0
		NF	\$0
		UT	\$0
		RF	\$0
		SF	\$0
		TF	\$0
		CM	\$0
<b>Project Type</b>	<b>EST Amount Requested</b>	<b>Total</b>	<b>\$15,700,000</b>
RW	\$50,000		
<b>Total</b>	<b>\$50,000</b>		
<b>Project Grand Total (Sum of Project Types) = \$17,588,000</b>			

<b>Submitted by: (sign &amp; date)</b>	<b>Approved by: (sign &amp; date)</b>
Project Manager <b>Jacob A. Booth</b> <small>Digitally signed by Jacob A. Booth Date: 2022.09.28 13:20:44-04'00'</small>	Division Chief <b>Sweeney, Bartholomew</b> <small>Digitally signed by Sweeney, Bartholomew Date: 2022.10.17 15:11:55-04'00'</small>
Principal Engineer <small>Digitally signed by Derick Lessard, P.E. Date: 2022.10.11 08:27:15-04'00'</small>	Director of Capital Services - <b>Darren E. Meyers</b> <small>10/18/2022</small>



**STATE OF CONNECTICUT**  
**DEPT. OF TRANSPORTATION**  
**PROJECT ESTIMATE MODIFICATION**

Page No. 1  
 Run Date 02/07/2022  
 Run Time 16:45:41

**Project ID:** DOT00570123PE - Bridge 00293 Rehabilitation  
**Project Description:** NHS - Rehabilitation of Bridge 00293 carrying I-395 over Bishop Crossing Rd in Griswold.  
**Project Manager:** Garcia Jr., Alvaro  
**Prior Approval:** No Prior Approval  
**Current Estimate:** 02/07/2022 EI - From Estimate To Initiated RPM  
**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.

\*\*\*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:**

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

**ESTIMATE BY SID:**

<u>SID</u>	<u>SOURCE</u>	<u>ACTIVITY</u>	<u>FUND</u>	<u>CURRENT ESTIMATE</u>	<u>PRIOR APPROVAL</u>	<u>MODIFICATION</u>
22108	ZNHPP	PE0000	12062	522,000.00	0.00	522,000.00
SOURCE ZNHPP Subtotal:				522,000.00	0.00	522,000.00
SID 22108 Subtotal:				522,000.00	0.00	522,000.00
41393	ZSTEZ	PE0000	13033	58,000.00	0.00	58,000.00
SOURCE ZSTEZ Subtotal:				58,000.00	0.00	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

**Approved By:**

See Attached \_\_\_\_\_ Date: \_\_\_\_\_

See Attached \_\_\_\_\_ Date: \_\_\_\_\_

See Attached \_\_\_\_\_ Date: \_\_\_\_\_

  
 Capital Planning - Darren E. Meyers Date: 2/8/2022

STATE OF CONNECTICUT  
DEPARTMENT OF TRANSPORTATION



PROJECT MEMORANDUM FOR  
ENGINEERING

DATE: 12/2/2021

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

MOD # RPM

From: L. Zhang for Alvaro Garcia

PE or PL Project ID: DOT00570123PE  
FD Project ID: DOT00570123FD  
RW Project ID: DOT00570123RW  
CN Project ID: DOT00570123CN

Please Review Project Information and Estimate for Approval:

<b>Project Description (short):</b> 27 (30 Characters)	Bridge 00293 Rehabilitation
<b>Project Description (long):</b> 88 (254 Characters)	NHS - Rehabilitation of Bridge 00293 carrying I-395 over Bishop Crossing Rd in Griswold.

<b>Justification:</b> 1202 (1333 Characters)	<p>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.</p> <p>***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%.</p>
<b>Project Manager:</b> Alvaro Garcia	
<b>Project Engineer:</b> 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

<b>Scope Code:</b> BP 2	BP 2 - Bridge List Program																				
<b>Requested Schedule (Proj. Manager):</b>	<b>Assigned Schedule (Capital Planning):</b>																				
<input checked="" type="checkbox"/> State ADV	<table border="0"> <tr> <td>4/6/2022</td> <td>PE(PD) Start</td> <td>PE Auth</td> <td></td> </tr> <tr> <td>9/20/2023</td> <td>Design Approval/FD/RW</td> <td>FD/RW Auth</td> <td></td> </tr> <tr> <td>5/28/2025</td> <td>FDP</td> <td>FDP</td> <td></td> </tr> <tr> <td>7/9/2025</td> <td>DCD</td> <td>DCD</td> <td></td> </tr> <tr> <td>8/6/2025</td> <td>ADV</td> <td>ADV</td> <td></td> </tr> </table>	4/6/2022	PE(PD) Start	PE Auth		9/20/2023	Design Approval/FD/RW	FD/RW Auth		5/28/2025	FDP	FDP		7/9/2025	DCD	DCD		8/6/2025	ADV	ADV	
4/6/2022	PE(PD) Start	PE Auth																			
9/20/2023	Design Approval/FD/RW	FD/RW Auth																			
5/28/2025	FDP	FDP																			
7/9/2025	DCD	DCD																			
8/6/2025	ADV	ADV																			
<input type="checkbox"/> Town ADV																					

Estimates Summary:		Project Type CN	
Project Type	EST Amount Requested	Activity	EST Amount Requested
PE or PL	\$580,000	CT	\$6,100,000
FD	\$394,000	CG	\$0
		IN	\$0
<b>Total</b>	<b>\$974,000</b>	NI	\$0
		NF	\$0
		UT	\$0
		RF	\$0
		SF	\$0
		TF	\$0
		CM	\$0
<b>Total</b>	<b>\$50,000</b>	<b>Total</b>	<b>\$6,100,000</b>

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

<b>Submitted by:</b> (sign & date)	<b>Approved by:</b> (sign & date)
<p>Project Manager (Print Name) <b>Jacob Booth</b></p> <p>Principal Engineer (Print Name) <b>Louis D. Bacho</b></p>	<p>Division Chief (Print Name) <b>Sweeney, Bartholomew</b></p> <p>Director of Capital Services - <b>Darren E. Meyers</b></p>

Estimates for PL, PD, portion of PE, or total PE (if no PD/FD split):							RPM	Project ID		DOT00570123PE			
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	\$522,000	12062	22108	ZNHPP	\$58,000	13033	41393	ZSTEZ				
PE													
PE													
PE													
<b>Total</b>		<b>\$580,000</b>				<b>\$58,000</b>				<b>\$0</b>			

Estimates for FD of PE portion:							RPM	Project ID		DOT00570123FD			
Proj Type	Activity	Federal Amount	Fed Fund	Fed SID	Source Type	State Amount	State Fund	State SID	Source Type	Other Amount	Other Fund	Other SID	Source Type
FD	PE0000	\$354,600	12062	22108	ZNHPP	\$39,400	13033	41393	ZSTEZ				
FD													
FD													
FD													
<b>Total</b>		<b>\$394,000</b>				<b>\$39,400</b>				<b>\$0</b>			

Estimates for Rights of Way:							RPM	Project ID		DOT00570123RW			
Proj Type	Activity	Federal Amount	Fed Fund	Fed SID	Source Type	State Amount	State Fund	State SID	Source Type	Other Amount	Other Fund	Other SID	Source Type
RW	RW0000	\$45,000	12062	22108	ZNHPP	\$5,000	13033	41393	ZSTEZ				
RW													
RW													
RW													
<b>Total</b>		<b>\$50,000</b>				<b>\$5,000</b>				<b>\$0</b>			

Estimates for Construction:							RPM	Project ID		DOT00570123CN			
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					\$6,100,000	13033	43123	ZSTEZ				
CN													
CN													
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<b>Total</b>		<b>\$6,100,000</b>				<b>\$6,100,000</b>				<b>\$0</b>			

**STATE OF CONNECTICUT  
DEPARTMENT OF TRANSPORTATION**



**PROJECT MEMORANDUM FOR  
ENGINEERING**

DATE: 4/21/2023

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

MOD #                      RPM                     

From:                      K. Zaniewski  
PE or PL Project ID:                       
FD Project ID:                       
RW Project ID:                       
CN Project ID: **DOT00580307CN**

*Please Review Project Information and Estimate for Approval:*

<b>Project Description (short):</b> 24 (30 Characters)	I-95 SAFETY IMPROVEMENTS
<b>Project Description (long):</b> 111 (254 Characters)	Safety improvements and pavement rehabilitation on I-95 Southbound in Groton, Stonington, and North Stonington.

<b>Justification:</b> 594 (1333 Characters)	This project involves safety improvements and pavement rehabilitation on I-95 Southbound, from the vicinity of Interchange 89, SR 614 (Allyn Street/Mystic Street) at Milepoint 99.9 to the Rhode Island State line at Milepoint 111.59. The safety improvements include upgrading the guiderail and bridge parapets to current design criteria, installation of protective fencing and concrete haunch removal on the bridges over I-95, and upgrading the illumination within the project limits. The pavement rehabilitation will consist of a combination of full depth reconstruction and mill and overlay.
<b>Project Manager:</b> Natwick, Brian	
<b>Project Engineer:</b> BL Companies	PPI #

**Scope Code:** **RP 2** RP 2 - Rehab/Reconst by Contract (Scope Code is only for a project w/CN phase)

<b>Requested Schedule (Project Manager):</b>	
<input checked="" type="checkbox"/> State ADV	7/12/2023
<input type="checkbox"/> Town ADV	8/23/2023
	9/20/2023
	PE(PD) or PL Start
	Design Approval/FD/RW
	FDP
	DCD
	ADV

Estimates Summary:		Project Type CN	
Project Type	EST Amount Requested	Activity	EST Amount Requested
PE or PL	\$0	CT	\$50,500,000
FD	\$0	CG	\$0
<b>Total</b>	<b>\$0</b>	IN	\$0
		NI	\$0
		NF	\$0
		UT	\$0
		RF	\$0
		SF	\$0
		TF	\$0
		CM	\$0
<b>Total</b>	<b>\$0</b>	<b>Total</b>	<b>\$50,500,000</b>

**Project Grand Total (Sum of Project Types) = \$50,500,000**

<b>Submitted by:</b> (sign & date)	<b>Approved by:</b> (sign & date)
Project Manager	Division Chief
Principal Engineer	Director of Capital Services - Darren E. Meyers



**STATE OF CONNECTICUT**  
**DEPT. OF TRANSPORTATION**  
**PROJECT ESTIMATE MODIFICATION**

Page No. 1  
 Run Date 03/08/2022  
 Run Time 13:33:57

**Project ID:** DOT00580339PE - Bridge #01771 & 01772 Rehab  
**Project Description:** NHS - Rehabilitation of Bridge 01771 carrying I-95 Southbound and bridge 01772 carrying I-95 Northbound over Route 12 in Groton.  
**Project Manager:** Garcia Jr., Alvaro  
**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 1/14/2028.

**ESTIMATE BY ACTIVITY:**

<u>ACTIVITY</u>	<u>FUND</u>	<u>SID</u>	<u>SOURCE</u>	<u>CURRENT ESTIMATE</u>	<u>PRIOR APPROVAL</u>	<u>MODIFICATION</u>
PE0000	12062	22108	ZNHPP	832,500.00	0.00	832,500.00
PE0000	13033	41393	ZSTEZ	92,500.00	0.00	92,500.00
Activity PE0000 Subtotal:				925,000.00	0.00	925,000.00
Project DOT00580339PE Total:				925,000.00	0.00	925,000.00

**ESTIMATE BY SID:**

<u>SID</u>	<u>SOURCE</u>	<u>ACTIVITY</u>	<u>FUND</u>	<u>CURRENT ESTIMATE</u>	<u>PRIOR APPROVAL</u>	<u>MODIFICATION</u>
22108	ZNHPP	PE0000	12062	832,500.00	0.00	832,500.00
SOURCE ZNHPP Subtotal:				832,500.00	0.00	832,500.00
SID 22108 Subtotal:				832,500.00	0.00	832,500.00
41393	ZSTEZ	PE0000	13033	92,500.00	0.00	92,500.00
SOURCE ZSTEZ Subtotal:				92,500.00	0.00	92,500.00
SID 41393 Subtotal:				92,500.00	0.00	92,500.00
Project DOT00580339PE Total:				925,000.00	0.00	925,000.00

**Approved By:**

See Attached \_\_\_\_\_ Date: \_\_\_\_\_

See Attached \_\_\_\_\_ Date: \_\_\_\_\_

See Attached \_\_\_\_\_ Date: \_\_\_\_\_

 \_\_\_\_\_ Date: 3/9/2022  
 Capital Planning - Darren E. Meyers

**STATE OF CONNECTICUT  
DEPARTMENT OF TRANSPORTATION**



**PROJECT MEMORANDUM FOR  
ENGINEERING**

DATE: 12/3/2021

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

MOD #                      RPM                     

From:                      L. Zhang for Alvaro Garcia

PE or PL Project ID: **DOT00580339PE**  
FD Project ID: **DOT00580339FD**  
RW Project ID: **DOT00580339RW**  
CN Project ID: **DOT00580339CN**

*Please Review Project Information and Estimate for Approval:*

<b>Project Description (short):</b> 27 (30 Characters)	Bridge #01771 & 01772 Rehab
<b>Project Description (long):</b> 128 (254 Characters)	NHS - Rehabilitation of Bridge 01771 carrying I-95 Southbound and bridge 01772 carrying I-95 Northbound over Route 12 in Groton.

<b>Justification:</b> 731 (1333 Characters)	<p>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.</p> <p>***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% (1345.24 sq. meters). 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 0.08% (2200.38 sq. meters).***</p>
<b>Project Manager:</b>  <b>Alvaro Garcia</b>	
<b>Project Engineer:</b>  <b>Dhvani Patel</b>	PPI # PP058-0012. "NHS" to be included in project description to track poor bridge 01771.

<b>Scope Code:</b> <b>BP 2</b>	<b>BP 2 - Bridge List Program</b>										
<b>Requested Schedule (Proj. Manager):</b>											
<input checked="" type="checkbox"/> State ADV	<table border="0"> <tr><td>4/13/2022</td><td>PE(PD) Start</td></tr> <tr><td>9/27/2023</td><td>Design Approval/FD/RW</td></tr> <tr><td>6/4/2025</td><td>FDP</td></tr> <tr><td>7/16/2025</td><td>DCD</td></tr> <tr><td>8/13/2025</td><td>ADV</td></tr> </table>	4/13/2022	PE(PD) Start	9/27/2023	Design Approval/FD/RW	6/4/2025	FDP	7/16/2025	DCD	8/13/2025	ADV
4/13/2022	PE(PD) Start										
9/27/2023	Design Approval/FD/RW										
6/4/2025	FDP										
7/16/2025	DCD										
8/13/2025	ADV										
<input type="checkbox"/> Town ADV	<table border="0"> <tr><td>PAED is 1/14/2028</td></tr> </table>	PAED is 1/14/2028									
PAED is 1/14/2028											
<b>Assigned Schedule (Capital Planning):</b>											
	<table border="0"> <tr><td>PE Auth</td><td><input type="text"/></td></tr> <tr><td>FD/RW Auth</td><td><input type="text"/></td></tr> <tr><td>FDP</td><td><input type="text"/></td></tr> <tr><td>DCD</td><td><input type="text"/></td></tr> <tr><td>ADV</td><td><input type="text"/></td></tr> </table>	PE Auth	<input type="text"/>	FD/RW Auth	<input type="text"/>	FDP	<input type="text"/>	DCD	<input type="text"/>	ADV	<input type="text"/>
PE Auth	<input type="text"/>										
FD/RW Auth	<input type="text"/>										
FDP	<input type="text"/>										
DCD	<input type="text"/>										
ADV	<input type="text"/>										

Estimates Summary:		Project Type CN	
Project Type	EST Amount Requested	Activity	EST Amount Requested
PE or PL	\$925,000	CT	\$13,000,000
FD	\$670,000	CG	\$0
		IN	\$0
<b>Total</b>	<b>\$1,595,000</b>	NI	\$0
		NF	\$0
		UT	\$0
		RF	\$0
<b>Project Type</b>	<b>EST Amount Requested</b>	SF	\$0
RW	\$50,000	TF	\$0
		CM	\$0
<b>Total</b>	<b>\$50,000</b>	<b>Total</b>	<b>\$13,000,000</b>

**Project Grand Total (Sum of Project Types) = \$14,645,000**

<b>Submitted by:</b> (sign & date)	<b>Approved by:</b> (sign & date)
<p><b>Project Manager</b> (Print Name) <b>Jacob Booth</b></p> <p><b>Principal Engineer</b> (Print Name) <i>Andrew J. Cardilli</i></p>	<p><b>Division Chief</b> (Print Name) <b>Sweeney, Bartholomew</b></p> <p><i>Darren E. Meyers</i> 1/25/2022 <b>Director of Capital Services - Darren E. Meyers</b></p>

Estimates for PL, PD, portion of PE, or total PE (if no PD/FD split):							RPM	Project ID		DOT00580339PE			
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	\$832,500	12062	22108	ZNHPP	\$92,500	13033	41393	ZSTEZ				
PE													
PE													
PE													
<b>Total</b>		<b>\$832,500</b>				<b>\$92,500</b>				<b>\$0</b>			

Estimates for FD of PE portion:							RPM	Project ID		DOT00580339FD			
Proj Type	Activity	Federal Amount	Fed Fund	Fed SID	Source Type	State Amount	State Fund	State SID	Source Type	Other Amount	Other Fund	Other SID	Source Type
FD	PE0000	\$603,000	12062	22108	ZNHPP	\$67,000	13033	41393	ZSTEZ				
FD													
FD													
FD													
<b>Total</b>		<b>\$603,000</b>				<b>\$67,000</b>				<b>\$0</b>			

Estimates for Rights of Way:							RPM	Project ID		DOT00580339RW			
Proj Type	Activity	Federal Amount	Fed Fund	Fed SID	Source Type	State Amount	State Fund	State SID	Source Type	Other Amount	Other Fund	Other SID	Source Type
RW	RW0000	\$45,000	12062	22108	ZNHPP	\$5,000	13033	41393	ZSTEZ				
RW													
RW													
RW													
<b>Total</b>		<b>\$45,000</b>				<b>\$5,000</b>				<b>\$0</b>			

Estimates for Construction:							RPM	Project ID		DOT00580339CN			
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					\$13,000,000	13033	43123	ZSTEZ				
CN													
CN													
CN													
CN													
CN													
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CN													
<b>Total</b>		<b>\$0</b>				<b>\$13,000,000</b>				<b>\$0</b>			

**STATE OF CONNECTICUT**  
**DEPT. OF TRANSPORTATION**  
**PROJECT ESTIMATE MODIFICATION**

Page No. 1  
 Run Date 06/09/2022  
 Run Time 12:18:43

**Project ID:** DOT00580341PE - I-95 Int. 89 Ramp Improvements  
**Project Description:** Signalization of SR 614 (Allyn St) at I-95 Interchange 89 NB & SB Ramps & Sandy Hollow Rd in Groton; pavement marking revisions; closure of sidewalk gap; bridge #01786 (SR 614 over I-95) joint replacement & beam end work; mill & overlay.  
**Project Manager:** Arsenaault, Joseph D  
**Prior Approval:** No Prior Approval  
**Current Estimate:** 06/09/2022 EI - From Estimate To Initiated 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 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.

**ESTIMATE BY ACTIVITY:**

<u>ACTIVITY</u>	<u>FUND</u>	<u>SID</u>	<u>SOURCE</u>	<u>CURRENT ESTIMATE</u>	<u>PRIOR APPROVAL</u>	<u>MODIFICATION</u>
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 SID:**

<u>SID</u>	<u>SOURCE</u>	<u>ACTIVITY</u>	<u>FUND</u>	<u>CURRENT ESTIMATE</u>	<u>PRIOR APPROVAL</u>	<u>MODIFICATION</u>
22108	ZSTPA	PE0000	12062	400,000.00	0.00	400,000.00
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

<b>Approved By:</b>	
_____ See Attached Date: _____	_____ See Attached Date: _____
_____ See Attached Date: _____	 Date: 6/9/2022 Capital Planning - Darren E. Meyers



DATE: 3/29/2022

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

MOD #                      RPM                     

From: L. Zhang for Marissa Pfaffinger  
PE or PL Project ID: **DOT00580341PE**  
FD Project ID: **DOT00580341FD**  
RW Project ID: **DOT00580341RW**  
CN Project ID: **DOT00580341CN**

Please Review Project Information and Estimate for Approval:

<b>Project Description (short):</b> 30 (30 Characters)	I-95 Int. 89 Ramp Improvements
<b>Project Description (long):</b> 237 (254 Characters)	Signalization of SR 614 (Allyn St) at I-95 Interchange 89 NB & SB Ramps & Sandy Hollow Rd in Groton; pavement marking revisions; closure of sidewalk gap; bridge #01786 (SR 614 over I-95) joint replacement & beam end work; mill & overlay.

<b>Justification:</b> 756 (1333 Characters)	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 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.
<b>Project Manager:</b> Joseph Arsenault	PPI # PP058-0011.
<b>Project Engineer:</b> Byong Kim	PE PAED is 3/31/28

<b>Scope Code:</b> OI 1	OI 1 - Intersection Improvement
<b>Requested Schedule (Proj. Manager):</b>	<b>Assigned Schedule (Capital Planning):</b>
<input checked="" type="checkbox"/> State ADV	<b>ASAP; latest 9/28/22</b> PE(PD) Start
<input type="checkbox"/> Town ADV	2/28/2024 Design Approval/FD/RW
	8/20/2025 FDP
	10/1/2025 DCD
	10/29/2025 ADV
	PE Auth <input type="text"/>
	FD/RW Auth <input type="text"/>
	FDP <input type="text"/>
	DCD <input type="text"/>
	ADV <input type="text"/>

Estimates Summary:		Project Type CN	
Project Type	EST Amount Requested	Activity	EST Amount Requested
PE or PL	\$500,000	CT	\$5,620,000
FD	\$375,000	CG	\$0
		IN	\$0
<b>Total</b>	<b>\$875,000</b>	NI	\$0
		NF	\$0
		UT	\$0
		RF	\$0
		SF	\$0
		TF	\$0
		CM	\$0
<b>Total</b>	<b>\$50,000</b>	<b>Total</b>	<b>\$5,620,000</b>
<b>Project Grand Total (Sum of Project Types) = \$6,545,000</b>			

<b>Submitted by:</b> (sign & date)	<b>Approved by:</b> (sign & date)
Not Required	<i>Michael N. Calabrese</i> Digitally signed by Calabrese, Michael Date: 2022.04.11 22:25:48-04'00'
<b>Project Manager</b>	<b>Division Chief - Michael N. Calabrese</b>
<i>Marissa L. Pfaffinger</i> Digitally signed by Marissa L. Pfaffinger Date: 2022.04.04 10:44:49-04'00'	<i>Darren E. Meyers</i> 4/12/2022
<b>Principal Engineer - Marissa L. Pfaffinger</b>	<b>Director of Capital Services - Darren E. Meyers</b>



**STATE OF CONNECTICUT  
DEPARTMENT OF TRANSPORTATION**



**PROJECT MEMORANDUM FOR  
ENGINEERING**

DATE: 7/26/2022

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

MOD #                      RPM                     

From: L. Zhang for Jacob Booth  
PE or PL Project ID: **DOT00850147PE**  
FD Project ID: **DOT00850147FD**  
RW Project ID: **DOT00850147RW**  
CN Project ID: **DOT00850147CN**

*Please Review Project Information and Estimate for Approval:*

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

<b>Justification:</b> 458 (1333 Characters)	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.
<b>Project Manager:</b> Sowatei Lomotei	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).
<b>Project Engineer:</b>	
	PPI # PP085-0004.

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

Requested Schedule (Proj. Manager):		Assigned Schedule (Capital Planning):	
<input type="checkbox"/> State ADV	<b>10/5/2022</b> PE(PD) Start	PE Auth	
<input type="checkbox"/> Town ADV	<b>2/14/2024</b> Design Approval/FD/RW	FD/RW Auth	
	<b>8/27/2025</b> FDP	FDP	
	<b>10/8/2025</b> DCD PE PAED is 4/7/2028	DCD	
	<b>11/5/2025</b> ADV	ADV	

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

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

<b>Submitted by:</b> (sign & date)	<b>Approved by:</b> (sign & date)
Project Manager <b>Jacob A. Booth</b> <small>Digitally signed by Jacob A. Booth Date: 2022.09.07 12:40:40-04'00'</small>	Division Chief <b>Sweeney, Bartholomew</b> <small>Digitally signed by Sweeney, Bartholomew DN: E=Bartholomew.Sweeney@dot.gov, CN=Sweeney, OU=DOTUsers, DC=DOT, DC=CT, DC=GOV Date: 2022.09.14 09:42:29-04'00'</small>
Principal Engineer <b>N/A, DC only</b>	<b>Darren Meyers</b> 9/15/2022 Director of Capital Services - Darren E. Meyers



**STATE OF CONNECTICUT  
DEPARTMENT OF TRANSPORTATION**



**PROJECT MEMORANDUM FOR  
ENGINEERING**

DATE: 7/26/2022

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

MOD #                      RPM                     

From: L. Zhang for Jacob Booth

PE or PL Project ID: **DOT00850147PE**  
FD Project ID: **DOT00850147FD**  
RW Project ID: **DOT00850147RW**  
CN Project ID: **DOT00850147CN**

*Please Review Project Information and Estimate for Approval:*

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

<b>Justification:</b> 458 (1333 Characters)	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.
<b>Project Manager:</b> Sowatei Lomotei	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).
<b>Project Engineer:</b>	
	PPI # PP085-0004.

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

Requested Schedule (Proj. Manager):		Assigned Schedule (Capital Planning):	
<input type="checkbox"/> State ADV	<b>10/5/2022</b> PE(PD) Start	PE Auth	
<input type="checkbox"/> Town ADV	<b>2/14/2024</b> Design Approval/FD/RW	FD/RW Auth	
	<b>8/27/2025</b> FDP	FDP	
	<b>10/8/2025</b> DCD PE PAED is 4/7/2028	DCD	
	<b>11/5/2025</b> ADV	ADV	

Estimates Summary:		Project Type CN	
Project Type	EST Amount Requested	Activity	EST Amount Requested
PE or PL	\$655,000	CT	\$7,600,000
FD	\$454,000	CG	\$0
<b>Total</b>	<b>\$1,109,000</b>	IN	\$0
		NI	\$0
		NF	\$0
		UT	\$0
		RF	\$0
		SF	\$0
		TF	\$0
		CM	\$0
<b>Total</b>	<b>\$50,000</b>	<b>Total</b>	<b>\$7,600,000</b>
<b>Project Grand Total (Sum of Project Types) = \$8,759,000</b>			

<b>Submitted by:</b> (sign & date)	<b>Approved by:</b> (sign & date)
Project Manager <b>Jacob A. Booth</b> <small>Digitally signed by Jacob A. Booth Date: 2022.09.07 12:40:40-04'00'</small>	Division Chief <b>Sweeney, Bartholomew</b> <small>Digitally signed by Sweeney, Bartholomew DN: E=Bartholomew.Sweeney@dot.gov, CN=Sweeney, OU=DOT Users, DC=DOT, DC=CT, DC=GOV Date: 2022.09.14 09:42:29-04'00'</small>
Principal Engineer <b>N/A, DC only</b>	<b>Darren Meyers</b> 9/15/2022 Director of Capital Services - Darren E. Meyers



**STATE OF CONNECTICUT**  
**DEPT. OF TRANSPORTATION**  
**PROJECT ESTIMATE MODIFICATION**

Page No. 1  
 Run Date 12/21/2021  
 Run Time 15:34:14

**Project ID:** DOT00940264PE - NHS Bridge 02572 Replacement  
**Project Description:** Replacement of NHS Bridge No. 02572 carrying U.S. Route 1 Northbound over I-95 Ramp 310 and SR 641 in New London.  
**Project Manager:** Lessard, Derick M  
**Prior Approval:** No Prior Approval  
**Current Estimate:** 12/21/2021 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.

**ESTIMATE BY ACTIVITY:**

<u>ACTIVITY</u>	<u>FUND</u>	<u>SID</u>	<u>SOURCE</u>	<u>CURRENT ESTIMATE</u>	<u>PRIOR APPROVAL</u>	<u>MODIFICATION</u>
PE0000	12062	22108	ZNHPP	772,000.00	0.00	772,000.00
PE0000	13033	41393	ZSTEZ	193,000.00	0.00	193,000.00
Activity PE0000 Subtotal:				965,000.00	0.00	965,000.00
Project DOT00940264PE Total:				965,000.00	0.00	965,000.00

**ESTIMATE BY SID:**

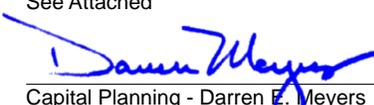
<u>SID</u>	<u>SOURCE</u>	<u>ACTIVITY</u>	<u>FUND</u>	<u>CURRENT ESTIMATE</u>	<u>PRIOR APPROVAL</u>	<u>MODIFICATION</u>
22108	ZNHPP	PE0000	12062	772,000.00	0.00	772,000.00
SOURCE ZNHPP Subtotal:				772,000.00	0.00	772,000.00
SID 22108 Subtotal:				772,000.00	0.00	772,000.00
41393	ZSTEZ	PE0000	13033	193,000.00	0.00	193,000.00
SOURCE ZSTEZ Subtotal:				193,000.00	0.00	193,000.00
SID 41393 Subtotal:				193,000.00	0.00	193,000.00
Project DOT00940264PE Total:				965,000.00	0.00	965,000.00

**Approved By:**

See Attached \_\_\_\_\_ Date: \_\_\_\_\_

See Attached \_\_\_\_\_ Date: \_\_\_\_\_

See Attached \_\_\_\_\_ Date: \_\_\_\_\_

  
 Capital Planning - Darren E. Meyers Date: 12/21/2021



DATE: 10/6/2021

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

MOD #                      RPM

From:                      L. Zhang for Alvaro Garcia  
PE or PL Project ID: **DOT00940264PE**  
FD Project ID: **DOT00940264FD**  
RW Project ID: **DOT00940264RW**  
CN Project ID: **DOT00940264CN**

Please Review Project Information and Estimate for Approval:

<b>Project Description (short):</b> 28 (30 Characters)	NHS Bridge 02572 Replacement
<b>Project Description (long):</b> 113 (254 Characters)	Replacement of NHS Bridge No. 02572 carrying U.S. Route 1 Northbound over I-95 Ramp 310 and SR 641 in New London.

<b>Justification:</b> 806 (1333 Characters)	<p>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.</p> <p>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%.</p>
<b>Project Manager:</b> Alvaro Garcia	
<b>Project Engineer:</b> Luke Arno	PPI # PP094-0007. Bridge is on NBI and NHS. OBL description to start with "NHS -" for tracking. CN phase to draw down off the FY25 "Brdg-Pres" placeholder under FIF-Bridge in the OBL.

<b>Scope Code:</b> <b>BP 2</b>	<b>BP 2 - Bridge List Program</b>										
<b>Requested Schedule (Proj. Manager):</b>											
<input checked="" type="checkbox"/> <b>State ADV</b>	<table border="1"> <tr><td>3/9/2022</td><td>PE(PD) Start</td></tr> <tr><td>4/26/2023</td><td>Design Approval/FD/RW</td></tr> <tr><td>5/14/2025</td><td>FDP</td></tr> <tr><td>6/25/2025</td><td>DCD PE PAED is 12/24/2027</td></tr> <tr><td>7/23/2025</td><td>ADV</td></tr> </table>	3/9/2022	PE(PD) Start	4/26/2023	Design Approval/FD/RW	5/14/2025	FDP	6/25/2025	DCD PE PAED is 12/24/2027	7/23/2025	ADV
3/9/2022	PE(PD) Start										
4/26/2023	Design Approval/FD/RW										
5/14/2025	FDP										
6/25/2025	DCD PE PAED is 12/24/2027										
7/23/2025	ADV										
<input type="checkbox"/> <b>Town ADV</b>	<b>Assigned Schedule (Capital Planning):</b>										
	<table border="1"> <tr><td>PE Auth</td><td></td></tr> <tr><td>FD/RW Auth</td><td></td></tr> <tr><td>FDP</td><td></td></tr> <tr><td>DCD</td><td></td></tr> <tr><td>ADV</td><td></td></tr> </table>	PE Auth		FD/RW Auth		FDP		DCD		ADV	
PE Auth											
FD/RW Auth											
FDP											
DCD											
ADV											

<b>Estimates Summary:</b>		<b>Project Type CN</b>	
<b>Project Type</b>	<b>EST Amount Requested</b>	<b>Activity</b>	<b>EST Amount Requested</b>
PE or PL	\$965,000	CT	\$13,800,000
FD	\$702,000	CG	\$0
<b>Total</b>	<b>\$1,667,000</b>	IN	\$0
		NI	\$0
		NF	\$0
		UT	\$0
		RF	\$0
		SF	\$0
		TF	\$0
		CM	\$0
<b>Project Type</b>	<b>EST Amount Requested</b>	<b>Total</b>	<b>\$13,800,000</b>
RW	\$50,000		
<b>Total</b>	<b>\$50,000</b>		
<b>Project Grand Total (Sum of Project Types) = \$15,517,000</b>			

<b>Submitted by:</b> (sign & date)	<b>Approved by:</b> (sign & date)
<p> Project Manager (Print Name) Alvaro Garcia Jr. Digitally signed by Alvaro Garcia Jr., P.E. Date: 2021.10.29 12:24:25-04'00'</p>	<p> Division Chief (Print Name) Sweeney, Bartholomew Digitally signed by Sweeney, Bartholomew DN: cn=Sweeney, Bartholomew, ou=Floor-3, ou=Headquarters, ou=DOT-Users, dc=DOT, dc=CT, dc=Gov Date: 2021.11.23 10:17:41-05'00'</p>
<p> Principal Engineer (Print Name) Louis D. Bacho Digitally signed by Louis D. Bacho DN: cn=Louis D. Bacho, ou=Department of Transportation, ou=CE Bridge, cn=Louis D. Bacho Date: 2021.10.29 15:18:41-04'00'</p>	<p> Director of Capital Services - Darren E. Meyers 11/24/2021</p>



**STATE OF CONNECTICUT  
DEPT. OF TRANSPORTATION  
PROJECT ESTIMATE MODIFICATION**

Page No. 1  
Run Date 03/29/2022  
Run Time 15:47:59

**Project ID:** DOT01010119PE - Culvert Replacement - CT 201  
**Project Description:** Replace twin 48" CMPs under CT Route 201 in North Stonington, due to failing condition, with either twin 48" Reinforced Concrete Pipes (RCPs) or Concrete Box Culvert with concrete endwalls, pending hydraulic analysis/environmental considerations.  
**Project Manager:** Bushee, A S  
**Prior Approval:** No Prior Approval  
**Current Estimate:** 03/29/2022 EI - From Estimate To Initiated 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 ACTIVITY:**

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

**ESTIMATE BY SID:**

<u>SID</u>	<u>SOURCE</u>	<u>ACTIVITY</u>	<u>FUND</u>	<u>CURRENT ESTIMATE</u>	<u>PRIOR APPROVAL</u>	<u>MODIFICATION</u>
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:**

See Attached \_\_\_\_\_ Date: \_\_\_\_\_

See Attached \_\_\_\_\_ Date: \_\_\_\_\_

See Attached \_\_\_\_\_ Date: \_\_\_\_\_

  
 Capital Planning - Darren E. Meyers Date: 3/30/2022



DATE: 2/1/2022

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

MOD #                      RPM                     

From:                      L. Zhang for Marissa Pfaffinger

PE or PL Project ID: **DOT01010119PE**  
FD Project ID: **DOT01010119FD**  
RW Project ID: **DOT01010119RW**  
CN Project ID: **DOT01010119CN**

Please Review Project Information and Estimate for Approval:

<b>Project Description (short):</b> 28 (30 Characters)	Culvert Replacement - CT 201
<b>Project Description (long):</b> 247 (254 Characters)	Replace twin 48" CMPs under CT Route 201 in North Stonington, due to failing condition, with either twin 48" Reinforced Concrete Pipes (RCPs) or Concrete Box Culvert with concrete endwalls, pending hydraulic analysis/environmental considerations.

<b>Justification:</b> 862 (1333 Characters)	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.
<b>Project Manager:</b> <b>Scott Bushee</b>	PPI # PP101-0004. CT 201 is a Rural Major Collector. While all phases of the project are being programmed for 80% Federal funds to start, FY26 "Drai-nage" placeholder under FIF-Roadway in OBL to be reduced by \$1.78M based on total estimated cost and schedule of CN phase.
<b>Project Engineer:</b> <b>Michael Laurice</b>	

<b>Scope Code:</b> <b>RP 4</b>	<b>RP 4 - Miscellaneous Roadway Projects</b>
<b>Requested Schedule (Proj. Manager):</b>	
<input checked="" type="checkbox"/> State ADV	<b>4/27/2022</b> PE(PD) Start
<input type="checkbox"/> Town ADV	<b>1/31/2024</b> Design Approval/FD/RW
	<b>9/3/2025</b> FDP
	<b>10/15/2025</b> DCD
	<b>11/12/2025</b> ADV
	PE PAED is 4/14/2028
	<b>Assigned Schedule (Capital Planning):</b>
	PE Auth <input type="text"/>
	FD/RW Auth <input type="text"/>
	FDP <input type="text"/>
	DCD <input type="text"/>
	ADV <input type="text"/>

<b>Estimates Summary:</b>		<b>Project Type CN</b>	
<b>Project Type</b>	<b>EST Amount Requested</b>	<b>Activity</b>	<b>EST Amount Requested</b>
PE or PL	\$700,000	CT	\$1,780,000
FD	\$300,000	CG	\$0
<b>Total</b>	<b>\$1,000,000</b>	IN	\$0
<b>Project Type</b>	<b>EST Amount Requested</b>	NI	\$0
RW	\$50,000	NF	\$0
<b>Total</b>	<b>\$50,000</b>	UT	\$0
		RF	\$0
		SF	\$0
		TF	\$0
		CM	\$0
		<b>Total</b>	<b>\$1,780,000</b>
<b>Project Grand Total (Sum of Project Types) = \$2,830,000</b>			

<b>Submitted by:</b> (sign & date)	<b>Approved by:</b> (sign & date)
Not Required	<i>Michael N. Calabrese</i> Digitally signed by Calabrese, Michael Date: 2022.02.03 20:50:59-05'00'
<b>Project Manager</b>	<b>DIVISION CHIEF - MICHAEL N. CALABRESE</b>
<i>Marissa L. Pfaffinger</i> Digitally signed by Marissa L Pfaffinger Date: 2022.02.03 17:26:50-05'00'	<i>Darren E. Meyers</i> 2/7/2022
<b>Principal Engineer - Marissa L Pfaffinger</b>	<b>Director of Capital Services - Darren E. Meyers</b>



**STATE OF CONNECTICUT  
DEPT. OF TRANSPORTATION  
PROJECT ESTIMATE MODIFICATION**

Page No. 1  
Run Date 03/31/2021  
Run Time 11:00:21

**Project ID:** DOT01030278PE - 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  
**Prior Approval:** No Prior Approval  
**Current Estimate:** 03/31/2021 EI - From Estimate To Initiated 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.

**ESTIMATE BY ACTIVITY:**

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

**ESTIMATE BY SID:**

<u>SID</u>	<u>SOURCE</u>	<u>ACTIVITY</u>	<u>FUND</u>	<u>CURRENT ESTIMATE</u>	<u>PRIOR APPROVAL</u>	<u>MODIFICATION</u>
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:**

See Attached \_\_\_\_\_ Date: \_\_\_\_\_

See Attached \_\_\_\_\_ Date: \_\_\_\_\_

See Attached \_\_\_\_\_ Date: \_\_\_\_\_

  
 \_\_\_\_\_ Date: 3/31/2021  
 Capital Planning - Darren E. Meyers



DATE: 12/15/2020

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

MOD #                      RPM                     

From:                      L.Zhang for Alvaro Garcia  
PE or PL Project ID: **DOT01030278PE**  
FD Project ID: **DOT01030278FD**  
RW Project ID: **DOT01030278RW**  
CN Project ID: **DOT01030278CN**

Please Review Project Information and Estimate for Approval:

<b>Project Description (short):</b> 24 (30 Characters)	Replace Guiderail SR 642
<b>Project Description (long):</b> 246 (254 Characters)	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).

<b>Justification:</b> 650 (1333 Characters)	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.
<b>Project Manager:</b> Bryan Reed	PE PAED is 02/19/2027
<b>Project Engineer:</b> Paul Dattilio	
	PPI # PP103-0012

<b>Scope Code:</b> <b>RP 4</b>	RP 4 - Miscellaneous Roadway Projects
<b>Requested Schedule (Proj. Manager):</b>	
<input checked="" type="checkbox"/> State ADV	<b>5/19/2021</b> PE(PD) Start
<input type="checkbox"/> Town ADV	<b>11/2/2022</b> Design Approval/FD/RW
	<b>7/10/2024</b> FDP
	<b>8/21/2024</b> DCD
	<b>9/18/2024</b> ADV
<b>Assigned Schedule (Capital Planning):</b>	
	PE Auth <input type="text"/>
	FD/RW Auth <input type="text"/>
	FDP <input type="text"/>
	DCD <input type="text"/>
	ADV <input type="text"/>

Estimates Summary:		Project Type CN	
Project Type	EST Amount Requested	Activity	EST Amount Requested
PE or PL	\$325,000	CT	\$1,000,000
FD	\$190,000	CG	\$0
		IN	\$0
<b>Total</b>	<b>\$515,000</b>	NI	\$0
		NF	\$0
		UT	\$0
<b>Project Type</b>	<b>EST Amount Requested</b>	RF	\$0
RW	\$50,000	SF	\$0
		TF	\$0
		CM	\$0
<b>Total</b>	<b>\$50,000</b>	<b>Total</b>	<b>\$1,000,000</b>
<b>Project Grand Total (Sum of Project Types) = \$1,565,000</b>			

<b>Submitted by:</b> (sign & date)	<b>Approved by:</b> (sign & date)
 Alvaro Garcia Jr., P.E. 2021.03.08 06:20:21-05'00'	 Bartholomew Sweeney, P.E. 03/09/2021
<b>Project Manager</b> (Print Name)	<b>Division Chief</b> (Print Name)
 Andrew J. Cardinali, P.E. Date: 2021.03.08 09:25:01-05'00'	<b>Director of Capital Services - Darren E. Meyers</b>





DATE: 3/20/2023

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

MOD #                      RPM

From: L. Zhang for M. Pfaffinger/E. Basic  
PE or PL Project ID: **DOT01330100PE**  
FD Project ID: **DOT01330100FD**  
RW Project ID: **DOT01330100RW**  
CN Project ID: **DOT01330100CN**

*Please Review Project Information and Estimate for Approval:*

<b>Project Description (short):</b> 28 (30 Characters)	Rt 138 - Culvert Replacement
<b>Project Description (long):</b> 244 (254 Characters)	Replace a deteriorated 30" Corrugated Metal Pipe (CMP) below Route 138 that is in failing condition and has slope erosion in Sprague, along with other ancillary improvements (e.g., possible minor roadway widening at culvert, guiderail upgrade).

<b>Justification:</b> 704 (1333 Characters)	CTDOT District 2 Maintenance has requested replacement of the Corrugated Metal Pipe (CMP). Permitting requirements exclude this location from DAS contract slip-lining, therefore full replacement of the 30" CMP is being proposed. There are no flooding or overtopping issues at this location, therefore the pipe size is not proposed to be increased. However, this location has been addressed multiple times by Maintenance in the past for slope erosion issues and most recently in 2021 for a pavement and subbase washout that occurred after a thunderstorm. In order to accommodate potential future needs and non-motorized traffic, the culvert length is being increased. The PE phase includes a PD/FD split.
<b>Project Manager:</b> Brian Natwick	PPI #PP133-0002. FHWA deemed this project entirely ineligible for PROTECT funding since it is simply replacing a deteriorated culvert (3/8/23 email from Jennifer Carrier). Since Route 138 is an Urban Collector (non-NHS) in the Norwich-New London urbanized area, this project may be a good candidate for future programming of STPNL funds through future coordination with the region.
<b>Project Engineer:</b> Paul O'Keefe	

**Scope Code:** **RP 4** RP 4 - Miscellaneous Roadway Projects (Scope Code is only for a project w/CN phase)

<b>Requested Schedule (Project Manager):</b>	
<input type="checkbox"/> State ADV	6/21/2023 PE(PD) or PL Start
<input type="checkbox"/> Town ADV	11/6/2024 Design Approval/FD/RW
	4/8/2026 FDP
	5/20/2026 DCD
	6/17/2026 ADV

Estimates Summary:		Project Type CN	
Project Type	EST Amount Requested	Activity	EST Amount Requested
PE or PL	\$660,000	CT	\$3,060,000
FD	\$440,000	CG	\$0
<b>Total</b>	<b>\$1,100,000</b>	IN	\$0
		NI	\$0
		NF	\$0
		UT	\$0
		RF	\$0
		SF	\$0
		TF	\$0
		CM	\$0
<b>Total</b>	<b>\$150,000</b>	<b>Total</b>	<b>\$3,060,000</b>

**Project Grand Total (Sum of Project Types) = \$4,310,000**

<b>Submitted by:</b> (sign & date)	<b>Approved by:</b> (sign & date)
Project Manager	Division Chief
Principal Engineer	Director of Capital Services - Darren E. Meyers



**STATE OF CONNECTICUT  
DEPARTMENT OF TRANSPORTATION**



**PROJECT MEMORANDUM FOR  
ENGINEERING**

DATE: 3/13/2023

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

MOD #                      RPM                     

From: L. Zhang for Marissa Pfaffinger  
PE or PL Project ID: **DOT01520163PE**  
FD Project ID: **DOT01520163FD**  
RW Project ID:  
CN Project ID: **DOT01520163CN**

*Please Review Project Information and Estimate for Approval:*

<b>Project Description (short):</b> 26 (30 Characters)	CT 32 - Int. Improvements
<b>Project Description (long):</b> 214 (254 Characters)	Improvements to the signalized intersection of CT Route 32, SR 693 and Old Norwich Road in Waterford to reduce congestion and congestion related crashes. SR 693 provides direct 'on-ramp' access to I-395 northbound.

<b>Justification:</b> 255 (1333 Characters)	Route 32 northbound queues currently extend approximately 800' to the south of the intersection. This project will provide additional capacity for Route 32 northbound to reduce peak-hour queuing and associated crashes. The PE phase includes a PD/FD split.
<b>Project Manager:</b> Joseph Arsenault	
<b>Project Engineer:</b> Joseph Jazwicz	PPI # PP152-0004.

<b>Scope Code:</b> <b>OI 1</b>	OI 1 - Intersection Improvement
<b>Requested Schedule (Proj. Manager):</b>	
<input checked="" type="checkbox"/> State ADV	<b>7/12/2023</b> PE(PD) Start
<input type="checkbox"/> Town ADV	<b>9/4/2024</b> Design Approval/FD/RW
	<b>5/6/2026</b> FDP
	<b>6/17/2026</b> DCD
	<b>7/15/2026</b> ADV
<b>Assigned Schedule (Capital Planning):</b>	
	PE Auth <input type="text"/>
	FD/RW Auth <input type="text"/>
	FDP <input type="text"/>
	DCD <input type="text"/>
	ADV <input type="text"/>

Estimates Summary:		Project Type CN	
Project Type	EST Amount Requested	Activity	EST Amount Requested
PE or PL	\$650,000	CT	\$5,100,000
FD	\$400,000	CG	\$0
<b>Total</b>	<b>\$1,050,000</b>	IN	\$0
		NI	\$0
		NF	\$0
		UT	\$0
		RF	\$0
		SF	\$0
		TF	\$0
		CM	\$0
<b>Total</b>	<b>\$0</b>	<b>Total</b>	<b>\$5,100,000</b>

**Project Grand Total (Sum of Project Types) = \$6,150,000**

<b>Submitted by:</b> (sign & date)	<b>Approved by:</b> (sign & date)
Not Required	
<b>Project Manager</b>	<b>Division Chief</b>
<b>Principal Engineer</b>	<b>Director of Capital Services - Darren E. Meyers</b>





DATE: 6/26/2023

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

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

From: L. Zhang for L. Conroy/J. Lockaby

PE or PL Project ID: **DOT01520164PE**

FD Project ID: **DOT01520164FD**

RW Project ID: **DOT01520164RW**

CN Project ID: **DOT01520164CN**

Please Review Project Information and Estimate for Approval:

<b>Project Description (short):</b> 21 (30 Characters)	Route 85 CTSS Upgrade
<b>Project Description (long):</b> 212 (254 Characters)	Replacement of the Computerized Traffic Signal System (CTSS) along CT 85 (Hartford Turnpike/Broad Street) in Waterford from Jefferson Avenue (Int. No. 152-211) to the I-395 Southbound Off Ramp (Int. No. 152-228).

<b>Justification:</b> 635 (1333 Characters)	This project is needed to replace the aging traffic signal infrastructure, as needed for a state of good repair, and to deploy an Intelligent Transportation System (ITS). All traffic signals in the project will have full equipment replacement; this excludes the flashing beacon, which is not included in the project. Replacement of the CTSS will involve new fiber optic communications and will allow CTDOT to use advanced technologies to monitor and reduce travel times. The project also has the potential to deploy Adaptive Signal Control Technologies (ASCT) and Connected Vehicle (CV) technology. PE phase includes a PD/FD split.
<b>Project Manager:</b> <b>John Lockaby</b>	PPI # PP152-0007. All phases of this project are initially being programmed with NHPP funds. PE(FD), RW and CN phases may be eligible for CMAQ funds, however FHWA will not make a CMAQ eligibility determination until no-build and build scenario emission rates from MOVES are completed in order to determine if the project will reduce emissions. The Project Manager is responsible for coordinating with the Travel Demand / Air Quality Modeling Unit to complete the emissions analysis and following up with FHWA and Finance regarding CMAQ eligibility during the PE(PD) phase.
<b>Project Engineer:</b> <b>Anthony Servidone</b>	

**Scope Code:** **ST 4** ST 4 - Signalization Improvements

Requested Schedule (Proj. Manager):		Assigned Schedule (Capital Planning):	
<input type="checkbox"/> State ADV	9/27/2023 (FY23 auth) PE(PD) Start	PE Auth	
<input type="checkbox"/> Town ADV	4/16/2025 Design Approval/FD/RW	FD/RW Auth	
	3/25/2026 FDP	FDP	
	5/6/2026 DCD	DCD	
	6/3/2026 ADV	ADV	

Estimates Summary:		Project Type CN	
Project Type	EST Amount Requested	Activity	EST Amount Requested
PE or PL	\$1,492,000	CT	\$12,451,000
FD	\$554,000	CG	\$0
		IN	\$0
<b>Total</b>	<b>\$2,046,000</b>	NI	\$0
		NF	\$0
		UT	\$0
		RF	\$0
		SF	\$0
		TF	\$0
		CM	\$0
<b>Total</b>	<b>\$100,000</b>	<b>Total</b>	<b>\$12,451,000</b>

**Project Grand Total (Sum of Project Types) = \$14,597,000**

<b>Submitted by:</b> (sign & date)	<b>Approved by:</b> (sign & date)
Project Manager	Division Chief
Principal Engineer	Director of Capital Services - Darren E. Meyers





DATE: 8/3/2023

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

MOD #                      RPM                     

From:                      L.Zhang for Alvaro Garcia  
PE or PL Project ID:  
FD Project ID:  
RW Project ID:  
CN Project ID: **DOT01630206CN**

*Please Review Project Information and Estimate for Approval:*

<b>Project Description (short):</b> 29 (30 Characters)	Rehab Bridge (Culvert) #06729
<b>Project Description (long):</b> 99 (254 Characters)	Rehabilitation of Bridge 06729 (Culvert) carrying U.S. Route 6 over brook in Windham and Mansfield.

<b>Justification:</b> 616 (1333 Characters)	<p>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.</p> <p>***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).***</p>
<b>Project Manager:</b>	Alvaro Garcia
<b>Project Engineer:</b>	Ruiz, Lesgie

<b>Scope Code:</b> <b>BP 2</b>	BP 2 - Bridge List Program
<b>Requested Schedule (Proj. Manager):</b>	
<input checked="" type="checkbox"/> State ADV	10/3/2024 PE(PD) Start
<input type="checkbox"/> Town ADV	11/13/2024 Design Approval/FD/RW
	12/12/2024 FDP
	DCD
	ADV
<b>Assigned Schedule (Capital Planning):</b>	
	PE Auth
	FD/RW Auth
	FDP
	DCD
	ADV

Estimates Summary:		Project Type CN	
Project Type	EST Amount Requested	Activity	EST Amount Requested
PE or PL	\$0	CT	\$1,000,000
FD	\$0	CG	\$0
<b>Total</b>	<b>\$0</b>	IN	\$0
		NI	\$0
		NF	\$0
		UT	\$0
		RF	\$0
		SF	\$0
		TF	\$0
		CM	\$0
<b>Total</b>	<b>\$0</b>	<b>Total</b>	<b>\$1,000,000</b>

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

<b>Submitted by:</b> (sign & date)	<b>Approved by:</b> (sign & date)
<b>Project Manager</b> (Print Name)	<b>Division Chief</b> (Print Name)
<b>Principal Engineer</b> (Print Name)	<b>Darren E. Meyers - Director of Capital Services</b>



**STATE OF CONNECTICUT**  
**DEPT. OF TRANSPORTATION**  
**PROJECT ESTIMATE MODIFICATION**

Page No. 1  
 Run Date 07/06/2021  
 Run Time 13:09:14

**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.

**ESTIMATE BY ACTIVITY:**

<u>ACTIVITY</u>	<u>FUND</u>	<u>SID</u>	<u>SOURCE</u>	<u>CURRENT ESTIMATE</u>	<u>PRIOR APPROVAL</u>	<u>MODIFICATION</u>
PE0000	12001	12518	ZSTAC	1,600,000.00	0.00	1,600,000.00
PE0000	12001	12518	ZSTEZ	400,000.00	0.00	400,000.00
PE0000	12062	21118	ZACZZ	6,400,000.00	0.00	6,400,000.00
PE0000	12062	22108	ZNHPP	1,600,000.00	0.00	1,600,000.00
Activity PE0000 Subtotal:				10,000,000.00	0.00	10,000,000.00
Project DOT01703588PE Total:				10,000,000.00	0.00	10,000,000.00

**ESTIMATE BY SID:**

<u>SID</u>	<u>SOURCE</u>	<u>ACTIVITY</u>	<u>FUND</u>	<u>CURRENT ESTIMATE</u>	<u>PRIOR APPROVAL</u>	<u>MODIFICATION</u>
12518	ZSTAC	PE0000	12001	1,600,000.00	0.00	1,600,000.00
SOURCE ZSTAC Subtotal:				1,600,000.00	0.00	1,600,000.00
12518	ZSTEZ	PE0000	12001	400,000.00	0.00	400,000.00
SOURCE ZSTEZ Subtotal:				400,000.00	0.00	400,000.00
SID 12518 Subtotal:				2,000,000.00	0.00	2,000,000.00
21118	ZACZZ	PE0000	12062	6,400,000.00	0.00	6,400,000.00
SOURCE ZACZZ Subtotal:				6,400,000.00	0.00	6,400,000.00
SID 21118 Subtotal:				6,400,000.00	0.00	6,400,000.00
22108	ZNHPP	PE0000	12062	1,600,000.00	0.00	1,600,000.00
SOURCE ZNHPP Subtotal:				1,600,000.00	0.00	1,600,000.00
SID 22108 Subtotal:				1,600,000.00	0.00	1,600,000.00
Project DOT01703588PE Total:				10,000,000.00	0.00	10,000,000.00

**Approved By:**

See Attached \_\_\_\_\_ Date: \_\_\_\_\_

See Attached \_\_\_\_\_ Date: \_\_\_\_\_

See Attached \_\_\_\_\_ Date: \_\_\_\_\_

  
 Capital Planning - Darren E. Meyers Date: 7/6/2021

STATE OF CONNECTICUT  
DEPARTMENT OF TRANSPORTATION



**PROJECT MEMORANDUM FOR  
ENGINEERING - NO PPI**

DATE: 5/26/2021

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

MOD # RPM

From: Mary E. Baker

FD Project ID:  
PE or PL Project ID: DOT01703588PE  
RW Project ID:  
CN Project ID:

Please Review Project Information and Estimate for Approval:

<b>Project Description (short):</b> 30 (30 Characters)	Br Insp on NHS by State Forces
<b>Project Description (long):</b> 207 (254 Characters)	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.

<b>Justification:</b> 215 (1333 Characters)	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.
<b>Project Manager:</b> Mary E. Baker	Total 5 year estimated cost is \$10.0M with \$2.0M planned to be budgeted annually through the modification and AC conversion process.
<b>Project Engineer:</b>	Placeholder in OBL for this project is 170S-Fnhs.

**Scope Code:** #N/A Scope code is only applicable to projects with a CN phase

Requested Schedule (Proj. Manager):		Assigned Schedule (Capital Planning):	
<input type="checkbox"/> State ADV	9/1/2021	PE Auth	
<input type="checkbox"/> Town ADV		FD/RW Auth	
	PE Start	FDP	
	Design Approval/FD/RW	DCD	
	FDP	ADV	
	DCD		
	ADV		

Estimates by Activity (Minor Phase):						
Total EST in Core-CT	Estimate in Core-CT for RPM/MOD #	EST Amount Requested	Activity	Total EST in Core-CT	Estimate in Core-CT for RPM / MOD#	EST Amount Requested
\$0	\$0	\$10,000,000	PE	CT	\$0	\$0
\$0	\$0	\$0	NF	CG	\$0	\$0
<b>\$0</b>	<b>\$0</b>	<b>\$10,000,000</b>		IN	\$0	\$0
				NI	\$0	\$0
				NF	\$0	\$0
				UT	\$0	\$0
				RF	\$0	\$0
				SF	\$0	\$0
				TF	\$0	\$0
				CM	\$0	\$0
<b>\$0</b>	<b>\$0</b>	<b>\$0</b>			<b>\$0</b>	<b>\$0</b>

<b>Preceding MOD #</b>		<b>Current MOD #</b>	RPM	<b>Total EST Amount in Core-CT for All Phases</b>	\$0
<b>Preceding MOD Amt</b>	\$0	<b>Current MOD Amt</b>	\$0		

<b>Submitted by: (sign &amp; date)</b> Digitally signed by Mary Baker Date: 2021.05.27 13:41:58-04'00'	<b>Approved by: (sign &amp; date)</b> Digitally signed by James Fallon, P.E. Date: 2021.05.27 16:31:53-04'00'
<b>Principal Engineer - Mary E. Baker</b>	<b>Assistant Chief Engineer - James A. Fallon</b>
Bartholomew Sweeney, P.E. Digitally signed by Bartholomew Sweeney, P.E. Date: 2021.05.27 15:33:17-04'00'	<i>James Fallon</i> 5/28/2021
<b>Division Chief - Bartholomew P. Sweeney</b>	<b>Director of Capital Services - Darren E. Meyers</b>



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

**ESTIMATE BY SID:**

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

See Attached \_\_\_\_\_ Date: \_\_\_\_\_

See Attached \_\_\_\_\_ Date: \_\_\_\_\_

See Attached \_\_\_\_\_ Date: \_\_\_\_\_

  
 Capital Planning - Darren E. Meyers Date: 7/6/2021

STATE OF CONNECTICUT  
DEPARTMENT OF TRANSPORTATION



**PROJECT MEMORANDUM FOR  
ENGINEERING - NO PPI**

DATE: 5/26/2021

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

MOD # RPM

From: Mary E. Baker  
FD Project ID:  
PE or PL Project ID: DOT01703590PE  
RW Project ID:  
CN Project ID:

Please Review Project Information and Estimate for Approval:

<b>Project Description (short):</b> 29 (30 Characters)	Br Insp on NHS by Consultants
<b>Project Description (long):</b> 229 (254 Characters)	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.

<b>Justification:</b> 264 (1333 Characters)	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.
<b>Project Manager:</b> Mary E. Baker <b>Project Engineer:</b>	Total 5 year estimated cost is \$75.0M with \$15.0M planned to be budgeted annually through the modification and AC conversion process. Placeholder in OBL for this project is 170C-Enhs.

**Scope Code:** #N/A Scope code is only applicable to projects with a CN phase

Requested Schedule (Proj. Manager):		Assigned Schedule (Capital Planning):	
<input type="checkbox"/> State ADV	9/1/2021 PE Start	PE Auth	
<input type="checkbox"/> Town ADV	Design Approval/FD/RW	FD/RW Auth	
	FDP	FDP	
	DCD	DCD	
	ADV	ADV	

Estimates by Activity (Minor Phase):						
Total EST in Core-CT	Estimate in Core-CT for RPM/MOD #	EST Amount Requested	Activity	Total EST in Core-CT	Estimate in Core-CT for RPM / MOD#	EST Amount Requested
\$0	\$0	\$75,000,000	PE	CT	\$0	\$0
\$0	\$0	\$0	NF	CG	\$0	\$0
<b>\$0</b>	<b>\$0</b>	<b>\$75,000,000</b>		IN	\$0	\$0
				NI	\$0	\$0
				NF	\$0	\$0
				UT	\$0	\$0
				RF	\$0	\$0
				SF	\$0	\$0
				TF	\$0	\$0
				CM	\$0	\$0
<b>\$0</b>	<b>\$0</b>	<b>\$0</b>			<b>\$0</b>	<b>\$0</b>

<b>Preceding MOD #</b>		<b>Current MOD #</b>	RPM	<b>Total EST Amount in Core-CT for All Phases</b>	\$0
<b>Preceding MOD Amt</b>	\$0	<b>Current MOD Amt</b>	\$0		

<b>Submitted by: (sign &amp; date)</b> Mary E. Baker Digitally signed by Mary Baker Date: 2021.05.27 13:52:11-04'00'	<b>Approved by: (sign &amp; date)</b> James A. Fallon Digitally signed by James Fallon, P.E. Date: 2021.05.28 11:23:49-04'00'
<b>Principal Engineer - Mary E. Baker</b>	<b>Assistant Chief Engineer - James A. Fallon</b>
Bartholomew Sweeney, P.E. Digitally signed by Bartholomew Sweeney, P.E. Date: 2021.05.27 16:38:40-04'00'	<i>Darren E. Meyers</i> 5/28/2021
<b>Division Chief - Bartholomew P. Sweeney</b>	<b>Director of Capital Services - Darren E. Meyers</b>



**STATE OF CONNECTICUT**  
**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  
**Current Estimate:** 07/06/2021 EI - From Estimate To Initiated RPM  
**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>	<u>SID</u>	<u>SOURCE</u>	<u>CURRENT ESTIMATE</u>	<u>PRIOR APPROVAL</u>	<u>MODIFICATION</u>
PE0000	12001	12518	ZSTAC	1,800,000.00	0.00	1,800,000.00
PE0000	12001	12518	ZSTEZ	450,000.00	0.00	450,000.00
PE0000	12062	21118	ZACZZ	7,200,000.00	0.00	7,200,000.00
PE0000	12062	22108	ZNHPP	1,800,000.00	0.00	1,800,000.00
Activity PE0000 Subtotal:				11,250,000.00	0.00	11,250,000.00
Project DOT01703592PE Total:				11,250,000.00	0.00	11,250,000.00

**ESTIMATE BY SID:**

<u>SID</u>	<u>SOURCE</u>	<u>ACTIVITY</u>	<u>FUND</u>	<u>CURRENT ESTIMATE</u>	<u>PRIOR APPROVAL</u>	<u>MODIFICATION</u>
12518	ZSTAC	PE0000	12001	1,800,000.00	0.00	1,800,000.00
SOURCE ZSTAC Subtotal:				1,800,000.00	0.00	1,800,000.00
12518	ZSTEZ	PE0000	12001	450,000.00	0.00	450,000.00
SOURCE ZSTEZ Subtotal:				450,000.00	0.00	450,000.00
SID 12518 Subtotal:				2,250,000.00	0.00	2,250,000.00
21118	ZACZZ	PE0000	12062	7,200,000.00	0.00	7,200,000.00
SOURCE ZACZZ Subtotal:				7,200,000.00	0.00	7,200,000.00
SID 21118 Subtotal:				7,200,000.00	0.00	7,200,000.00
22108	ZNHPP	PE0000	12062	1,800,000.00	0.00	1,800,000.00
SOURCE ZNHPP Subtotal:				1,800,000.00	0.00	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:**

See Attached \_\_\_\_\_ Date: \_\_\_\_\_

See Attached \_\_\_\_\_ Date: \_\_\_\_\_

See Attached \_\_\_\_\_ Date: \_\_\_\_\_

 \_\_\_\_\_ Date: 7/6/2021  
 Capital Planning - Darren E. Meyers

**STATE OF CONNECTICUT  
DEPARTMENT OF TRANSPORTATION**



**PROJECT MEMORANDUM FOR  
ENGINEERING - NO PPI**

DATE: 5/26/2021

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

MOD #                      RPM

From:                      Mary E. Baker

FD Project ID:                       
PE or PL Project ID: **DOT01703592PE**  
RW Project ID:                       
CN Project ID:                     

Please Review Project Information and Estimate for Approval:

<b>Project Description (short):</b> 30 (30 Characters)	Sign Supprt Insp NHS Consultnt
<b>Project Description (long):</b> 238 (254 Characters)	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.

<b>Justification:</b> 143 (1333 Characters)	This project is necessary to comply with the inspection standards for qualifying structures as defined in the CTDOT's Bridge Inspection Manual.
<b>Project Manager:</b> Mary E. Baker	Total 5 year estimated cost is \$11.25M with \$2.25M planned to be budgeted annually through the modification and AC conversion process. Placeholder in OBL for this project is 170S-Snhs.
<b>Project Engineer:</b>	

**Scope Code:** #N/A Scope code is only applicable to projects with a CN phase

Requested Schedule (Proj. Manager):		Assigned Schedule (Capital Planning):	
<input type="checkbox"/> State ADV	9/1/2021	PE Start	PE Auth
<input type="checkbox"/> Town ADV		Design Approval/FD/RW	FD/RW Auth
		FDP	FDP
		DCD	DCD
		ADV	ADV

Estimates by Activity (Minor Phase):						
Total EST in Core-CT	Estimate in Core-CT for RPM/MOD #	EST Amount Requested	Activity	Total EST in Core-CT	Estimate in Core-CT for RPM / MOD#	EST Amount Requested
\$0	\$0	\$11,250,000	PE	CT	\$0	\$0
\$0	\$0	\$0	NF	CG	\$0	\$0
<b>\$0</b>	<b>\$0</b>	<b>\$11,250,000</b>		IN	\$0	\$0
				NI	\$0	\$0
				NF	\$0	\$0
				UT	\$0	\$0
				RF	\$0	\$0
				SF	\$0	\$0
				TF	\$0	\$0
				CM	\$0	\$0
<b>\$0</b>	<b>\$0</b>	<b>\$0</b>			<b>\$0</b>	<b>\$0</b>

<b>Preceding MOD #</b>		<b>Current MOD #</b>	RPM	<b>Total EST Amount in Core-CT for All Phases</b>	\$0
<b>Preceding MOD Amt</b>	\$0	<b>Current MOD Amt</b>	\$0		

<b>Submitted by: (sign &amp; date)</b>  Digitally signed by Mary Baker Date: 2021.05.27 13:55:36-04'00'	<b>Approved by: (sign &amp; date)</b>  Digitally signed by James Fallon, P.E. Date: 2021.05.28 11:23:12-04'00'
<b>Principal Engineer - Mary E. Baker</b>	<b>Assistant Chief Engineer - James A. Fallon</b>
Bartholomew Sweeney, P.E. 	 <b>5/28/2021</b> Director of Capital Services - Darren E. Meyers



**STATE OF CONNECTICUT**  
**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  
**Project Description:** 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. This project replaces DOT01703416PE, 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 inspection standards for qualifying structures as defined in the CTDOT's Bridge Inspection Manual.

**ESTIMATE BY ACTIVITY:**

<u>ACTIVITY</u>	<u>FUND</u>	<u>SID</u>	<u>SOURCE</u>	<u>CURRENT ESTIMATE</u>	<u>PRIOR APPROVAL</u>	<u>MODIFICATION</u>
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 PE0000 Subtotal:				2,500,000.00	0.00	2,500,000.00
Project DOT01703593PE Total:				2,500,000.00	0.00	2,500,000.00

**ESTIMATE BY SID:**

<u>SID</u>	<u>SOURCE</u>	<u>ACTIVITY</u>	<u>FUND</u>	<u>CURRENT ESTIMATE</u>	<u>PRIOR APPROVAL</u>	<u>MODIFICATION</u>
12518	ZSTAC	PE0000	12001	400,000.00	0.00	400,000.00
SOURCE ZSTAC Subtotal:				400,000.00	0.00	400,000.00
12518	ZSTEZ	PE0000	12001	100,000.00	0.00	100,000.00
SOURCE ZSTEZ Subtotal:				100,000.00	0.00	100,000.00
SID 12518 Subtotal:				500,000.00	0.00	500,000.00
21118	ZACZZ	PE0000	12062	1,600,000.00	0.00	1,600,000.00
SOURCE ZACZZ Subtotal:				1,600,000.00	0.00	1,600,000.00
SID 21118 Subtotal:				1,600,000.00	0.00	1,600,000.00
22108	ZSTPA	PE0000	12062	400,000.00	0.00	400,000.00
SOURCE ZSTPA Subtotal:				400,000.00	0.00	400,000.00
SID 22108 Subtotal:				400,000.00	0.00	400,000.00
Project DOT01703593PE Total:				2,500,000.00	0.00	2,500,000.00

**Approved By:**

See Attached \_\_\_\_\_ Date: \_\_\_\_\_

See Attached \_\_\_\_\_ Date: \_\_\_\_\_

See Attached \_\_\_\_\_ Date: \_\_\_\_\_

  
 Date: 7/6/2021  
 Capital Planning - Darren E. Meyers





**STATE OF CONNECTICUT**  
**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:**

<u>ACTIVITY</u>	<u>FUND</u>	<u>SID</u>	<u>SOURCE</u>	<u>CURRENT ESTIMATE</u>	<u>PRIOR APPROVAL</u>	<u>MODIFICATION</u>
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 PE0000 Subtotal:				6,650,000.00	0.00	6,650,000.00
Project DOT01703609PE Total:				6,650,000.00	0.00	6,650,000.00

**ESTIMATE BY SID:**

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

See Attached \_\_\_\_\_ Date: \_\_\_\_\_

See Attached \_\_\_\_\_ Date: \_\_\_\_\_

See Attached \_\_\_\_\_ Date: \_\_\_\_\_

  
 Date: 5/25/2021  
 Capital Planning - Darren E. Meyers

**STATE OF CONNECTICUT  
DEPARTMENT OF TRANSPORTATION**



**PROJECT MEMORANDUM FOR  
ENGINEERING - NO PPI**

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

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

DATE: 4/15/2021  
From: L. Zhang for Andrew Cardinali  
FD Project ID: \_\_\_\_\_  
PE or PL Project ID: **DOT01703609PE**  
RW Project ID: \_\_\_\_\_  
CN Project ID: \_\_\_\_\_

Please Review Project Information and Estimate for Approval:

<b>Project Description (short):</b> 25 (30 Characters)	Load Rating - NHS Bridges
<b>Project Description (long):</b> 200 (254 Characters)	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.

<b>Justification:</b> 358 (1333 Characters)	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).
<b>Project Manager:</b> Bao Chuong <b>Project Engineer:</b>	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 through the modification and AC conversion process. Placeholder in OBL for this project is Brgd-LRNH.

<b>Scope Code:</b>	#N/A	Scope code is only applicable to projects with a CN phase
<b>Requested Schedule (Proj. Manager):</b>		<b>Assigned Schedule (Capital Planning):</b>
<input type="checkbox"/> State ADV	7/1/2021	PE Start
<input type="checkbox"/> Town ADV		Design Approval/FD/RW
		FDP
		DCD
		ADV
		PE Auth
		FD/RW Auth
		FDP
		DCD
		ADV

Estimates by Activity (Minor Phase):						
Total EST in Core-CT	Estimate in Core-CT for RPM/MOD #	EST Amount Requested	Activity	Total EST in Core-CT	Estimate in Core-CT for RPM / MOD#	EST Amount Requested
\$0	\$0	\$6,650,000	PE	CT	\$0	\$0
\$0	\$0	\$0	NF	CG	\$0	\$0
				IN	\$0	\$0
<b>\$0</b>	<b>\$0</b>	<b>\$6,650,000</b>		NI	\$0	\$0
				NF	\$0	\$0
				UT	\$0	\$0
				RF	\$0	\$0
				SF	\$0	\$0
				TF	\$0	\$0
				CM	\$0	\$0
<b>\$0</b>	<b>\$0</b>	<b>\$0</b>			<b>\$0</b>	<b>\$0</b>

<b>Preceding MOD #</b>		<b>Current MOD #</b>	RPM	<b>Total EST Amount in Core-CT for All Phases</b>	\$0
<b>Preceding MOD Amt</b>	\$0	<b>Current MOD Amt</b>	\$0		

<b>Submitted by:</b> (sign & date) <i>Andrew J. Cardinali</i> Principal Engineer - Andrew J. Cardinali Bartholomew Sweeney, P.E. Division Chief - Bartholomew P. Sweeney	<b>Approved by:</b> (sign & date) Fallon, James Assistant Chief Engineer - James A. Fallon <i>Darren E. Meyers</i> 4/29/2021 Director of Capital Services - Darren E. Meyers
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**STATE OF CONNECTICUT**  
**DEPT. OF TRANSPORTATION**  
**PROJECT ESTIMATE MODIFICATION**

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

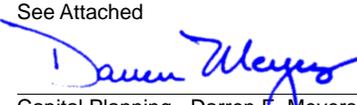
**Project ID:** DOT01703639HO - CTSS Operational Improvement  
**Project Description:** Statewide Computerized Traffic Signal Systems (CTSS) Operational Improvement Project (OIP) for support of traffic signal central control system software, operations and maintenance of traffic signal equipment. PODI 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; 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>	<u>FUND</u>	<u>SID</u>	<u>SOURCE</u>	<u>CURRENT ESTIMATE</u>	<u>PRIOR APPROVAL</u>	<u>MODIFICATION</u>
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 HO0000 Subtotal:				19,710,000.00	0.00	19,710,000.00
Project DOT01703639HO Total:				19,710,000.00	0.00	19,710,000.00

**ESTIMATE BY SID:**

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

<b>Approved By:</b>	
See Attached _____ Date: _____	See Attached  _____ Date: 12/01/22
See Attached _____ Date: _____	Capital Planning - Darren E. Meyers _____ Date: _____



DATE: 8/22/2022

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

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

From: Jen Trio for Kevin Danh  
HO Project ID: DOT01703639HO  
FD Project ID:  
RW Project ID:  
CN Project ID:

Please Review Project Information and Estimate for Approval:

<b>Project Description (short):</b> 28 (30 Characters)	CTSS Operational Improvement
<b>Project Description (long):</b> 244 (254 Characters)	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.

<b>Justification:</b> 1177 (1333 Characters)	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; 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.
<b>Project Manager:</b> Kevin Danh	
<b>Project Engineer:</b>	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

<b>Requested Schedule (Proj. Manager):</b>		<b>Assigned Schedule (Capital Planning):</b>	
<input type="checkbox"/> State ADV	1/1/2023	HO Start	PE Auth
<input type="checkbox"/> Town ADV		FDP	FDP
		DCD	DCD
		ADV	ADV

Estimates Summary:		Project Type CN	
Project Type	EST Amount Requested	Activity	EST Amount Requested
HO	\$19,710,000	CT	\$0
FD	\$0	CG	\$0
		IN	\$0
<b>Total</b>	<b>\$19,710,000</b>	NI	\$0
		NF	\$0
		UT	\$0
		RF	\$0
		SF	\$0
		TF	\$0
		CM	\$0
<b>Total</b>	<b>\$0</b>	<b>Total</b>	<b>\$0</b>

**Project Grand Total (Sum of Project Types) = \$19,710,000**

<b>Submitted by:</b> (sign & date)  Project Manager - Kevin Danh Date: 2022.09.08 15:35:51-04'00'	<b>Approved by:</b> (sign & date)  Bureau Chief - Paul T. Rizzo  Director of Capital Services - Darren E. Meyers Date: 9/13/2022
<b>Principal Engineer:</b> - Harold J. Decker Date: 2022.09.08 15:42:19-04'00'	





DATE: 4/20/2023

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

MOD #                      RPM                     

From:                      L. Zhang for Barry Schilling  
PE or PL Project ID: **DOT01703640PE**  
FD Project ID: **DOT01703640FD**  
RW Project ID:  
CN Project ID: **DOT01703640CN**

Please Review Project Information and Estimate for Approval:

<b>Project Description (short):</b> 28 (30 Characters)	Service Plaza Mainline Signs
<b>Project Description (long):</b> 78 (254 Characters)	Service Plaza mainline sign and sign support replacement along I-95 and I-395.

<b>Justification:</b> 315 (1333 Characters)	The purpose of this project is to improve directional guidance to motorists seeking the use of a Service Plaza. This project will create a standard signing practice and enhance driver recognition utilizing additional Logo signing on the mainline approach to the Service Plazas. The PE phase includes a PD/FD split.
<b>Project Manager:</b> Barry Schilling	
<b>Project Engineer:</b> James Massini	PPI # PP170-0027. Per info contained on the PPI, FHWA confirmed this project is eligible for Federal reimbursement, with the exception of any specific corporate logos supplied by others. Additional info on the PPI indicates that CTDOT's Concessions and Agreements sections will be negotiating with Project Services (the plaza operator) to come to a cost sharing agreement for a portion of the project costs (likely applied to CN phase only). For purposes of the RPM, the CN phase is being shown as 100% Federally funded, but this may change following negotiations/outcome of cost sharing agreement. Traffic is responsible for coordinating with Finance to provide cost sharing information at the appropriate time. CN phase to draw funds from FY25 SIGN-PRES placeholder in OBL.

<b>Scope Code:</b> <b>ST 5</b>	<b>ST 5 - Signing</b>
<b>Requested Schedule (Proj. Manager):</b>	
<input checked="" type="checkbox"/> State ADV	<b>ASAP</b>
<input type="checkbox"/> Town ADV	<b>7/24/2024</b>
	<b>12/4/2024</b>
	<b>1/15/2025</b>
	<b>2/12/2025</b>
	<b>PE(PD) Start</b>
	<b>Design Approval/FD/RW</b>
	<b>FDP</b>
	<b>DCD</b>
	<b>ADV</b>
<b>Assigned Schedule (Capital Planning):</b>	
	PE Auth
	FD/RW Auth
	FDP
	DCD
	ADV

Estimates Summary:		Project Type CN	
Project Type	EST Amount Requested	Activity	EST Amount Requested
PE or PL	\$300,000	CT	\$3,750,000
FD	\$300,000	CG	\$0
		IN	\$0
<b>Total</b>	<b>\$600,000</b>	NI	\$0
		NF	\$0
		UT	\$0
		RF	\$0
		SF	\$0
		TF	\$0
		CM	\$0
<b>Total</b>	<b>\$0</b>	<b>Total</b>	<b>\$3,750,000</b>
<b>Project Grand Total (Sum of Project Types) = \$4,350,000</b>			

<b>Submitted by:</b> (sign & date)	<b>Approved by:</b> (sign & date)
Project Manager	Division Chief
Principal Engineer	Director of Capital Services - Darren E. Meyers



**STATE OF CONNECTICUT**  
**DEPT. OF TRANSPORTATION**  
**PROJECT ESTIMATE MODIFICATION**

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

**Project ID:** DOT01705032PE - Fed Eligible PE: TA Program  
**Project Description:** 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 Federal Transportation Alternatives (TA) Program.  
**Project Manager:** Saldana,Michelle C  
**Prior Approval:** No Prior Approval  
**Current Estimate:** 12/07/2022 EI - From Estimate To Initiated 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>	<u>FUND</u>	<u>SID</u>	<u>SOURCE</u>	<u>CURRENT ESTIMATE</u>	<u>PRIOR APPROVAL</u>	<u>MODIFICATION</u>
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 PE0000 Subtotal:				3,900,000.00	0.00	3,900,000.00
Project DOT01705032PE Total:				3,900,000.00	0.00	3,900,000.00

**ESTIMATE BY SID:**

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

**STATE OF CONNECTICUT  
DEPT. OF TRANSPORTATION  
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	780,000.00	0.00	780,000.00
		SOURCE ZSTEZ Subtotal:	780,000.00	0.00	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:**

See Attached \_\_\_\_\_ Date: \_\_\_\_\_

See Attached \_\_\_\_\_ Date: \_\_\_\_\_

See Attached \_\_\_\_\_ Date: \_\_\_\_\_

  
Capital Planning - Darren E. Meyers \_\_\_\_\_ Date: 12/7/22



DATE: 5/26/2022

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

MOD # RPM

From: Michelle C. Saldana  
PE or PL Project ID: DOT01705032PE  
FD Project ID:  
RW Project ID:  
CN Project ID:

Please Review Project Information and Estimate for Approval:

<b>Project Description (short):</b> 27 (30 Characters)	Fed Eligible PE: TA Program
<b>Project Description (long):</b> 240 (254 Characters)	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 Federal Transportation Alternatives (TA) Program.

<b>Justification:</b> 489 (1333 Characters)	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.
<b>Project Manager:</b> Michael Cherpak	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, application assistance and administration of the program. This Special Eligibility requires use of subsidiary program codes to track the 5% limit. <b>Note: FMIS agreement should include \$300,764 for TA Flex and AC balance under program code Y100 and \$323,236 for &gt;200k under program code Y101 (breakdown by urban area provided in funding section).</b>
<b>Project Engineer:</b> Michelle Saldana	

<b>Scope Code:</b>	#N/A
<b>Requested Schedule (Proj. Manager):</b>	
<input type="checkbox"/> State ADV	1/1/2023 PE Start
<input type="checkbox"/> Town ADV	Design Approval/FD/RW
	FDP
	DCD
	ADV
<b>Assigned Schedule (Capital Planning):</b>	
	PE Auth
	FD/RW Auth
	FDP
	DCD
	ADV

Estimates Summary:		Project Type CN	
Project Type	EST Amount Requested	Activity	EST Amount Requested
PE or PL	\$3,900,000	CT	\$0
FD	\$0	CG	\$0
<b>Total</b>	<b>\$3,900,000</b>	IN	\$0
		NI	\$0
		NF	\$0
		UT	\$0
		RF	\$0
		SF	\$0
		TF	\$0
		CM	\$0
<b>Total</b>	<b>\$0</b>	<b>Total</b>	<b>\$0</b>

**Project Grand Total (Sum of Project Types) = \$3,900,000**

<b>Submitted by:</b> (sign & date)	<b>Approved by:</b> (sign & date)
Principal Engineer	Assistant Chief Engineer - James A. Fallon
Division Chief	Director of Capital Services - Darren E. Meyers



Total	\$0
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Project No	Region	Route	Town	Description	Project Manager
0172-0529	72	VARIOUS	DISTRICT 2	REPLACE, REHAB OR REMOVE RETAINING WALLS IN POD 2A	Booth, Jacob

Phase Year	FA CODE	TOTAL	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 project  
amendment add new project. PE phase programmed with 100% state funds

0172-0529 RW Phase Total: 100,000 Federal Share: 80,000 State Share: 20,000 Local Share: 0

Phase Year	FA CODE	TOTAL	FEDERAL	STATE	LOCAL	Fiscal Impact:	2021	2022	2023	2024	FYI
CN	FYI STPA	6,818,080	5,454,464	1,363,616	0		0	0	0	0	0

Revision Code 05-New project  
amendment add new project. PE phase programmed with 100% state funds

0172-0529 CN Phase Total: 6,818,080 Federal Share: 5,454,464 State Share: 1,363,616 Local Share: 0

- 01-Move project to another year
  - a - Funding limitations
  - b - Outstanding ROW issue
  - c - Outstanding Permit
  - d - Other (Specify)
 Comments:

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- 02-Fiscal constraint
  - a - Funding fully programmed
  - b - State match not available
  - c - Local match not available
  - d - Other
 Comments:

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- 03-Design schedule change
  - a - Permit issue
  - b - CTDOT staffing issue
  - c - Local staffing issue
  - d - ROW issue
  - e - Other
 Comments:

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- 04-Revised cost estimate
  - a - Increase due to inflation
  - b - Increase due to (specify)
  - c - Decrease due to (specify)
  - d - Other
 Comments:

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- 05-New project
  - a - Project requested by (specify)
  - b - Copy of RPM attached
 Comments:

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- 06-New phase
  - a - PE phase required
  - b - ROW phase required
  - c - CON phase required
 Comments:

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- 07-Administrative requirement
  - a - Add AC entry
  - b - Other
 Comments:

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- 08-Delete phase
  - a - Phase not required
  - b - Phase changed to State funds
  - c - Phase changed to Local funds
  - d - Other
 Comments:

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- 09-Delete project
  - a - Not supported by State
  - b - Not supported by Region
  - c - Not supported by Town
  - d - Change to State funded
  - e - Change to Local funded
  - d - Other
 Comments:

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- 10-Correction
  -
 Comments:

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- 11-Financing/Funding revision
  - a - Due to project schedule
  - b - Due to funding availability
  - c - Other
 Comments:

**STATE OF CONNECTICUT  
DEPARTMENT OF TRANSPORTATION**



**PROJECT MEMORANDUM FOR  
ENGINEERING**

DATE: 3/2/2023

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

MOD #                      RPM                     

From:                      L. Zhang for Jacob Booth  
PE or PL Project ID: **DOT01720529PE**  
FD Project ID: **DOT01720529FD**  
RW Project ID: **DOT01720529RW**  
CN Project ID: **DOT01720529CN**

*Please Review Project Information and Estimate for Approval:*

<b>Project Description (short):</b> 25 (30 Characters)	D2 Retaining Walls Pod 2A
<b>Project Description (long):</b> 224 (254 Characters)	Replace, rehabilitate, or eliminate deficient retaining wall structures and inspect walls to replace, rehabilitate or eliminate within the area (POD) in various locations in a region designated Pod 2A, located in District 2.

<b>Justification:</b> 1289 (1333 Characters)	Retaining walls to be included are State owned, located on the Federal-Aid Highway System, within or adjacent to the State right-of-way, and are critical to the safe operation of the transportation facility. Many retaining walls inspected 10 or more years ago were found to have deficiencies that categorized them in poor condition needing rehabilitation or replacement. Our State's inventory was divided into 12 sections called PODS with similar numbers of retaining walls in each POD and along District borders to better organize construction packages geographically. Deficiencies include structural deterioration, settlement, or movement. An RSR for each wall will be done to determine the extent of the work and to coordinate with future highway needs at the wall locations. The project will address the following deficient walls in Pod 2A: RW-112-017-001, RW-163-203-001, RW-040-149-005, RW-040-151-005, RW-040-434-002, RW-040-149-004, RW-108-14A-001, RW-108-1012-001, RW-169-197-001. Other walls within the area designated as Pod 2A will be inspected as part of the project to identify walls that need rehabilitation or replacement. Retaining walls that are not currently in the State's inventory will be logged and inspected for deficiencies. The PE phase includes a PD/FD split.
<b>Project Manager:</b> Jacob Booth	
<b>Project Engineer:</b> Sonya Wood	PPI #PP172-0034. To expedite start of design, the PE(PD) phase is being programmed with 100% State FIF-Roadway funds. Funding for future phases, including PE(FD), is subject to change based on funding availability.

<b>Scope Code:</b> <b>RP 4</b>	<b>RP 4 - Miscellaneous Roadway Projects</b>
<b>Requested Schedule (Proj. Manager):</b>	
<input checked="" type="checkbox"/> State ADV	<b>ASAP</b>
<input type="checkbox"/> Town ADV	<b>6/19/2024</b>
	<b>10/15/2025</b>
	<b>11/26/2025</b>
	<b>12/24/2025</b>
	<b>PE(PD) Start</b>
	<b>Design Approval/FD/RW</b>
	<b>FDP</b>
	<b>DCD</b>
	<b>ADV</b>
<b>Assigned Schedule (Capital Planning):</b>	
	PE Auth
	FD/RW Auth
	FDP
	DCD
	ADV

Estimates Summary:		Project Type CN	
Project Type	EST Amount Requested	Activity	EST Amount Requested
PE or PL	\$1,090,904	CT	\$6,818,080
FD	\$422,723	CG	\$0
<b>Total</b>	<b>\$1,513,627</b>	IN	\$0
		NI	\$0
		NF	\$0
		UT	\$0
		RF	\$0
		SF	\$0
		TF	\$0
		CM	\$0
<b>Total</b>	<b>\$100,000</b>	<b>Total</b>	<b>\$6,818,080</b>
<b>Project Grand Total (Sum of Project Types) = \$8,431,707</b>			

<b>Submitted by:</b> (sign & date)	<b>Approved by:</b> (sign & date)
<b>Project Manager</b>	<b>Division Chief</b>
<b>Principal Engineer</b>	<b>Director of Capital Services - Darren E. Meyers</b>



**TIP ACTION OR AMENDMENT FORM**

PROJECT NO.	0414-XXXX	PROJECT MANAGER	Sandy Infantino
		PHONE/E-mail:	<a href="mailto:sandy.infantino@ct.gov">sandy.infantino@ct.gov</a>

DATE: 8/2/2023

PROJECT DESCRIPTION CTDOT/SEAT - Facility Modernization & Deployment of BEBs - FY22 Discretionary

**REASON FOR ACTION OR AMENDMENT REQUEST**

*check those that apply COMMENT section needs to be completed*

01 - Move from one year in the STIP to another	Funding limitations <input type="checkbox"/> Outstanding ROW issue <input type="checkbox"/> Outstanding Permit issue <input type="checkbox"/> Other (SPECIFY) <input type="checkbox"/>	
02 - Fiscal Constraint issues	Funding category fully programmed <input type="checkbox"/> State match not available <input type="checkbox"/> Local match not available <input type="checkbox"/>	
03- Design schedule change	Permit issue <input type="checkbox"/> ConnDOT staffing issue <input type="checkbox"/> Local staffing issue <input type="checkbox"/> ROW issue <input type="checkbox"/> Other <input type="checkbox"/>	
04- Revised cost estimates	Increase due to inflation <input type="checkbox"/> Increase due to cost of (SPECIFY) <input type="checkbox"/> Decrease due to (SPECIFY) <input type="checkbox"/> Other <input type="checkbox"/>	
05- New Project	Project requested by (SPECIFY) <input checked="" type="checkbox"/>	The Department has been awarded FY22 FTA Section 5339 Discretionary funding for the SEAT Facility Modernization and Deployment of Battery Electric Buses project. Funding will support the retrofit and expansion of the Preston transit facility; infrastructure improvements; purchase and deployment of two zero-emission 40-ft New Flyer BEBs; and workforce training. This project is the first step towards 100% zero-emission transit bus services in the SEAT district that will reduce carbon emissions and provide energy cost savings for communities. Retrofit activities include electrical service upgrades, installation of (24) electric bus chargers, and roof modifications. The Department has recently submitting a grant application for a portion of these funds and plans to apply for the remaining Discretionary funding in FY25. Project total \$25,493,000; \$20,394,000 federal
06- New Phase	ROW now required <input type="checkbox"/> CON phase required <input type="checkbox"/>	
08- Delete phase	Phase not required <input type="checkbox"/> Phase changed to State funds <input type="checkbox"/> Phase changed to Local funds <input type="checkbox"/>	
09- Delete project	Project no longer supported by State <input type="checkbox"/> Project no longer supported by Region <input type="checkbox"/> Project no longer supported by Town <input type="checkbox"/> Changed to all State funds <input type="checkbox"/> Changed to all Local funds <input type="checkbox"/> Other <input type="checkbox"/>	
11-Phase/Financing/Funding Revision	Due to project schedule <input type="checkbox"/> Due to funding limitations <input type="checkbox"/> Other <input type="checkbox"/>	

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