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:

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

Justification: 1202 (1333 Characters)

Bridge 00293, built in 1958 and reconstructed in 1992, is in poor condition and has several deficiencies. The superstructure is rated a "4". Repairs are required to the 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%.

Project Manager: Alvaro Garcia

Project Engineer: Dhvani Patel

PPI # PP057-0009. Bridge is on NBI and NHS. OBL description to start with "NHS -" for tracking of poor Bridge 00293.

PE PAED is 01/07/2028

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

Requested Schedule (Proj. Manager):		Assigned Schedule (Capital Planning):	
4/6/2022	PE(PD) Start	PE Auth	
9/20/2023	Design Approval/FD/RW	FD/RW Auth	
5/28/2025	FDP	FDP	
7/9/2025	DCD	DCD	
8/6/2025	ADV	ADV	

☑ State ADV
☐ Town ADV

Estimates Summary:

Project Type	EST Amount Requested
PE or PL	$580,000
FD	$394,000
Total	**$974,000**

Project Type	EST Amount Requested
RW	$50,000
Total	**$50,000**

Project Type CN

Activity	EST Amount Requested
CT	$6,100,000
CG	$0
IN	$0
NI	$0
NF	$0
UT	$0
RF	$0
SF	$0
TF	$0
CM	$0
Total	**$6,100,000**

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

Submitted by: (sign & date)

Project Manager (Print Name) Jacob Booth — Digitally signed by Jacob Booth, Date: 2022.01.10 08:15:00-05'00'

Principal Engineer (Print Name) Louis D. Bacho — Digitally signed by Louis D. Bacho, DN: C=US, E=louis.bacho@ct.gov, O=CT Department of Transportation, OU=CE Bridge, CN=Louis D. Bacho, Date: 2022.01.10 08:58:54-05'00'

Approved by: (sign & date)

Division Chief (Print Name) Sweeney, Bartholomew — Digitally signed by Sweeney, Bartholomew, DN: E=Bartholomew.Sweeney@ct.gov, CN=Sweeney, Bartholomew, OU=Epic3, OU=Headquarters, OU=DOT-Users, DC=DOT, DC=CT, DC=GOV, Date: 2022.01.10 18:08:43-05'00'

1/12/2022

Director of Capital Services - Darren E. Meyers

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				
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		$522,000				$58,000				$0			
	Total	**$580,000**											

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				
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FD													
		$354,600				$39,400				$0			
	Total	**$394,000**											

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													
		$45,000				$5,000				$0			
	Total	**$50,000**											

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				
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		$0				$6,100,000				$0			
	Total	**$6,100,000**											