

**STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION**



**PROJECT MEMORANDUM FOR
ENGINEERING**

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:

Project Description (short): 28 (30 Characters)	Rt 138 - Culvert Replacement
Project Description (long): 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).

Justification: 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.
Project Manager: 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.
Project Engineer: Paul O'Keefe	

Scope Code: RP 4	RP 4 - Miscellaneous Roadway Projects (Scope Code is only for a project w/CN phase)										
Requested Schedule (Project Manager):											
☒ State ADV	<table border="1"> <tr> <td>6/21/2023</td> <td>PE(PD) or PL Start</td> </tr> <tr> <td>11/6/2024</td> <td>Design Approval/FD/RW</td> </tr> <tr> <td>4/8/2026</td> <td>FDP</td> </tr> <tr> <td>5/20/2026</td> <td>DCD</td> </tr> <tr> <td>6/17/2026</td> <td>ADV</td> </tr> </table>	6/21/2023	PE(PD) or PL Start	11/6/2024	Design Approval/FD/RW	4/8/2026	FDP	5/20/2026	DCD	6/17/2026	ADV
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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
Total	\$1,100,000	IN	\$0
		NI	\$0
		NF	\$0
		UT	\$0
Project Type	EST Amount Requested	RF	\$0
RW	\$150,000	SF	\$0
Total	\$150,000	TF	\$0
		CM	\$0
		Total	\$3,060,000
Project Grand Total (Sum of Project Types) = \$4,310,000			

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

