**STATE OF CONNECTICUT**
**DEPARTMENT OF TRANSPORTATION**

# PROJECT MEMORANDUM FOR ENGINEERING

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:*

| | |
|---|---|
| **Project Description (short):** 28 (30 Characters) | NHS Bridge 02572 Replacement |
| **Project Description (long):** 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. |
| **Justification:** 806 (1333 Characters) | 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.<br><br>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%. |
| **Project Manager:** Alvaro Garcia | |
| **Project Engineer:** 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. |

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

| Requested Schedule (Proj. Manager): | | Assigned Schedule (Capital Planning): |
|---|---|---|
| 3/9/2022 | PE(PD) Start | PE Auth |
| 4/26/2023 | Design Approval/FD/RW | FD/RW Auth |
| 5/14/2025 | FDP | FDP |
| 6/25/2025 | DCD | DCD |
| 7/23/2025 | ADV | ADV |

☑ State ADV
☐ Town ADV

PE PAED is 12/24/2027

## Estimates Summary:

| Project Type | EST Amount Requested |
|---|---|
| PE or PL | $965,000 |
| FD | $702,000 |
| **Total** | **$1,667,000** |

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

**Project Type CN**

| Activity | EST Amount Requested |
|---|---|
| CT | $13,800,000 |
| CG | $0 |
| IN | $0 |
| NI | $0 |
| NF | $0 |
| UT | $0 |
| RF | $0 |
| SF | $0 |
| TF | $0 |
| CM | $0 |
| **Total** | **$13,800,000** |

**Project Grand Total (Sum of Project Types) = $15,517,000**

**Submitted by:** (sign & date)

**Project Manager** (Print Name) — Digitally signed by Alvaro Garcia Jr., P.E. Date: 2021.10.29 12:24:25-04'00'

**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: 2021.10.29 15:18:41-04'00'

**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=Floor 3, OU=Headquarters, OU=DOT-Users, DC=DOT, DC=CT, DC=GOV Date: 2021.11.23 10:17:41-05'00'

11/24/2021

**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** DOT00940264PE

| 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 | $772,000 | 12062 | 22108 | ZNHPP | $193,000 | 13033 | 41393 | ZSTEZ | | | | |
| PE | | | | | | | | | | | | | |
| PE | | | | | | | | | | | | | |
| PE | | | | | | | | | | | | | |
| | | $772,000 | | | | $193,000 | | | | $0 | | | |
| | **Total** | **$965,000** | | | | | | | | | | | |

**Estimates for FD of PE portion:** RPM **Project ID** DOT00940264FD

| 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 | $561,600 | 12062 | 22108 | ZNHPP | $140,400 | 13033 | 41393 | ZSTEZ | | | | |
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| | | $561,600 | | | | $140,400 | | | | $0 | | | |
| | **Total** | **$702,000** | | | | | | | | | | | |

**Estimates for Rights of Way:** RPM **Project ID** DOT00940264RW

| 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 | $40,000 | 12062 | 22108 | ZNHPP | $10,000 | 13033 | 41393 | ZSTEZ | | | | |
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| | | $40,000 | | | | $10,000 | | | | $0 | | | |
| | **Total** | **$50,000** | | | | | | | | | | | |

**Estimates for Construction:** RPM **Project ID** DOT00940264CN

| 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 | | | | | $13,800,000 | 13033 | 43123 | ZSTEZ | | | | |
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| | | $0 | | | | $13,800,000 | | | | $0 | | | |
| | **Total** | **$13,800,000** | | | | | | | | | | | |