

**STATE OF CONNECTICUT  
DEPARTMENT OF TRANSPORTATION**



**PROJECT MEMORANDUM FOR  
ENGINEERING**

DATE: 1/16/2018

To: **Patricia A. Hustus**  
Capital Services Division  
Bureau of Finance & Administration

MOD #           RPM          

From:           L. Zhang for Joe Ouellette            
FD Project ID: **DOT01710440FD**  
PE Project ID: **DOT01710440PE**  
RW Project ID:  
CN Project ID: **DOT01710440CN**

*Please Review Project Information and Estimate for Approval:*

|  |   |
|--|---|
| <b>Project Description (short):</b><br>29 (30 Characters)  | Curve Signs/Pavement Markings   |
| <b>Project Description (long):</b><br>122 (254 Characters) | Installation of signs and pavement markings for horizontal curves on State owned and maintained roadways in District 1. |

|  |   |
|--|---|
| <b>Justification:</b><br>714 (1333 Characters) | The signing at many horizontal curves on the State highway system does not meet the current requirements in the MUTCD. Improved horizontal curve delineation is proven to be a cost-effective approach to reducing roadway departure crashes. Roadway departure is an emphasis area in CT's Strategic Highway Safety Plan (SHSP) and enhanced curve warning signing and delineation is listed as a strategy. Project qualifies for HSIP funding and the Federal share can be increased up to 100% (23 USC 120(c)(1)). There are approximately 800 curves in 36 towns that will likely need treatment. Traffic Engineering's task-based consultant will be used to assist in the design of this project. |
| <b>Project Manager:</b><br>Joseph P. Ouellette |   |
| <b>Project Engineer:</b><br>Ryan Pothering     |   |

|   |  |
|---|--|
| <b>Scope Code:</b> <b>ST 1</b>                | <b>ST 1 - Highway Safety Improvement Program</b> |
| <b>Requested Schedule (Proj. Manager):</b>    | <b>Assigned Schedule (Capital Planning):</b>     |
| <input checked="" type="checkbox"/> State ADV | <b>4/3/2019</b> PE(PD) Start                     |
| <input type="checkbox"/> Town ADV             | <b>12/2/2020</b> Design Approval/FD/RW           |
|   | <b>5/26/2021</b> FDP                             |
|   | <b>7/7/2021</b> DCD                              |
|   | <b>8/4/2021</b> ADV                              |
|   | PE Auth  |
|   | FD/RW Auth                                       |
|   | FDP  |
|   | DCD  |
|   | ADV  |

| Estimates by Activity (Minor Phase): |                                   |                      |          | Estimates by Activity (Major 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 | Activity    |
| #REF!                                | \$0                               | \$1,176,000          | PE       | CT                                   | #REF!                              | \$0                  | \$2,200,000 |
| #REF!                                | \$0                               | \$0                  | NF       | CG                                   | #REF!                              | \$0                  | \$0         |
| #REF!                                | <b>\$0</b>                        | <b>\$1,176,000</b>   |          | IN                                   | #REF!                              | \$0                  | \$0         |
|                                      |                                   |                      |          | NI                                   | #REF!                              | \$0                  | \$0         |
|                                      |                                   |                      |          | NF                                   | #REF!                              | \$0                  | \$0         |
|                                      |                                   |                      |          | UT                                   | #REF!                              | \$0                  | \$0         |
|                                      |                                   |                      |          | RF                                   | #REF!                              | \$0                  | \$0         |
|                                      |                                   |                      |          | SF                                   | #REF!                              | \$0                  | \$0         |
|                                      |                                   |                      |          | TF                                   | #REF!                              | \$0                  | \$0         |
|                                      |                                   |                      |          | CM                                   | #REF!                              | \$0                  | \$0         |
| #REF!                                | \$0                               | \$0                  |          | #REF!                                | <b>\$0</b>                         | <b>\$2,200,000</b>   |             |

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

|                                    |  |
|------------------------------------|--|
| <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>Capital Planning - Darren E. Meyers</b> |

