

TIP Amendments (FFY 2018-2021 TIP)

For Review by the CROG Transportation Committee on May 18th, 2020 and the Policy Board on May 27th, 2020

| ID # | Funding Program | Proj. No. | Route or System | Town or Area | Description | Phase | Year | Total \$ (000s) | Fed \$ (000s) | State \$ (000s) | Local \$ (000s) | Comments |
|------|--------------------------------------|-----------|-----------------|---------------|---|-------|------|-----------------|---------------|-----------------|-----------------|-------------|
| 1a | National Highway Performance Program | 0042-0317 | CT 2 | East Hartford | Resurfacing, Bridge & Safety Improvements - AC Entry | CON | 2020 | 0 | 0 | 0 | 0 | New Project |
| 1b | National Highway Performance Program | 0042-0317 | CT 2 | East Hartford | Resurfacing, Bridge & Safety Improvements - AC Conversion | CON | FYI | 6,250 | 5,000 | 1,250 | 0 | New Project |
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Note: The terms "AC Entry" and "AC Conversion" are referenced for projects 1a and 1b above. AC stands for Advance Construction and is a phrase used to describe a financing procedure in which a project is advertised for construction bids late in one year (noted as AC Entry) but the actual funding commitment occurs in the following fiscal year (noted as AC Conversion). Thus, these projects are typically listed for both years with "0" funding shown in the first year of advertisement, and the full funding shown in the second year or years of funding obligation. In some cases, a portion of the AC conversion can occur in the year of the AC Entry, with additional funding occurring in the following year or years.

Due to the urgency of programming projects, some additional projects may be added prior to the meeting.

TIP/STIP~Action and Amendment Details

| Project No | Region | Route | Town | Description | Project Manager |
|------------|--------|-------|--------------|--|----------------------------|
| 0042-0317 | 10 | CT 2 | EAST HARTFOR | RESURFACING, BRIDGE & SAFETY IMPROVEMENTS - AC ENTRY | Patel, Neil (860) 594-3411 |

| Phase Year | FA CODE | TOTAL | FEDERAL | STATE | LOCAL | Fiscal Impact: | 2018 | 2019 | 2020 | 2021 | FYI |
|------------|----------|-------|---------|-------|-------|----------------|------|------|------|------|-----|
| CN | 2020 NHP | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 |

Revision Code 05-New project

amendment Add new project.

0042-0317 CN Phase Total: 0 Federal Share: 0 State Share: 0 Local Share: 0

| Phase Year | FA CODE | TOTAL | FEDERAL | STATE | LOCAL | Fiscal Impact: | 2018 | 2019 | 2020 | 2021 | FYI |
|------------|---------|-----------|-----------|-----------|-------|----------------|------|------|------|------|-----|
| CN | FYI NHP | 6,250,000 | 5,000,000 | 1,250,000 | 0 | | 0 | 0 | 0 | 0 | 0 |

Revision Code 05-New project

amendment Add new project. This project is going to be authorized as a full AC and use primarily State funds. An AC Conversion will be done towards the end of the project in order to satisfy federal requirements.

0042-0317 CN Phase Total: 6,250,000 Federal Share: 5,000,000 State Share: 1,250,000 Local Share: 0

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

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

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

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

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

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

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

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

- 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:

- 10-Correction
 -
 Comments:

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

State Project No. 0042-0317
Federal Aid Project No. PE 0032(191)
Resurfacing, Bridge, and Safety Improvements on Route 2
Town of East Hartford

Description:

The limits of the project on Route 2 begin at Maple Street and extend west to the vicinity of Pitkin Street for a length of approximately 2.8 miles. The purpose of the project is to extend the service life of the facility by rehabilitating the existing pavement structure and provide safety, bridge and traffic operational improvements within the project limits. The proposed scope of work includes rehabilitation of the underlying concrete pavement and resurfacing on the mainline and ramps, reconstructing the median to install a concrete barrier and provide wider shoulders, as well as upgrading the drainage systems. Bridge improvements include two bridge deck replacements, along with minor bridge deck repairs and upgrading concrete parapets to current design standards.

Additionally, to provide safety and traffic operational improvements along a section of Route 2, it is proposed to permanently close the Exit 5B ramps (Cambridge Street WB on-ramp and the Sutton Avenue EB off-ramp). This section of Route 2 has been identified as an area that exhibits a higher than normal crash rate and would benefit from safety and traffic operational improvements. The closure of the Sutton Avenue EB off-ramp allows for extension of the High St acceleration lane to provide additional length for safe merging maneuvers. The closure of the Cambridge St WB on-ramp will allow for the extension of the Main Street deceleration lane and eliminates the unsafe weaving operation that exists currently. As a result of the ramp closures, intersection improvements are proposed on Main Street at the 5A off-ramp and at the Main Street approach to Maple/Broad Street intersection. To provide additional operational improvements, it is proposed to extend the acceleration lanes for the Maple Street WB on-ramp and the on-ramp from Routes 5/15 NB to Route 2 EB.

Drainage and stormwater quality improvements include replacement of two outfalls at the CT River, upgrading the drainage system in the median and incorporation of stormwater infiltration basins. A retaining wall is proposed along Route 2 EB to support the widening of the roadway for the extension of the acceleration lane. Other improvements include upgrading the signage and illumination. Due to impacts to the existing Incident Management System (IMS), it is proposed to upgrade the fiber optic cable from the main hub in Hartford through East Hartford along Route 2 and install new conduit along Route 3 in Glastonbury to connect to existing system in Wethersfield.

Project Schedule:

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|-----|------------|
| FDP | 06/24/2020 |
| DCD | 08/05/2020 |
| ADV | 09/02/2020 |

Construction Duration: Approximately 3 to 3.5 years