

## **Agenda Item Summary**

**To:** Policy Board; Transportation Committee

**From:** Rob Aloise, Director of Transportation Planning

**CC:** Matt Hart, Executive Director

**Meeting Date:** May 22, 2024 (Transportation Committee: May 20, 2024)

**Subject:** TIP Amendments

**Background:** Each Metropolitan Planning Organization (MPO) is required to maintain a four-year Transportation Improvement Program (TIP), detailing all federal surface transportation funding. As part of maintaining this document, the MPO approves amendments as needed.

**Benefit to Member Towns/CRCOG:** The following projects are included:

1. Simsbury—CT 135—FCHT-CT 10/202 to Curtiss Park
2. District 2—Various—Replace traffic control signals at various locations.
3. District 4—Various—Replace traffic control signals at various locations.
4. West Hartford—Various—EVgo replacement of Connecticut site.

**Financial/Operational Impact:** See attached table and backup material for individual project funding details.

**Project Schedule:** See attached table and backup material for individual project schedule details.

**Recommendation:** CRCOG Staff recommends approval. The Transportation Committee will provide a recommendation at their meeting on May 20, 2024.

### **Attachments:**

- TIP Amendment Summary Sheet
- Project Backup Materials as provided by CTDOT

**TIP Amendments (FFY 2021-2024 TIP)**

For review by the CROG Transportation Committee on May 20th, 2024

| ID # | Funding Program | Proj. No. | Route or System | Town or Area  | Description  | Phase | Year | Total \$ (000s) | Fed \$ (000s) | State \$ (000s) | Local \$ (000s) | Comments              |
|------|-----------------|-----------|-----------------|---------------|--|-------|------|-----------------|---------------|-----------------|-----------------|-----------------------|
| 1    | TAPH            | 0128-0158 | CT 315          | SIMSBURY      | FCHT - CT 10/202 TO CURTISS PARK                           | CON   | FYI  | 1,820           | 1,456         | 0               | 364             | MOVE FROM FY24 TO FYI |
| 2    | STPA            | 0172-0513 | VARIOUS         | DISTRICT 2    | REPLACE TRAFFIC CONTROL SIGNALS AT VARIOUS LOCATIONS       | CON   | 2024 | 4,500           | 3,600         | 900             | 0               | NEW PHASE             |
| 3    | STPA            | 0174-0448 | VARIOUS         | DISTRICT 4    | REPLACE TRAFFIC CONTROL SIGNALS AT VARIOUS LOCATIONS       | CON   | 2024 | 6,100           | 4,880         | 1,220           | 0               | NEW PHASE             |
| 4    | DIGR            | 0155-XXXX | VARIOUS         | WEST HARTFORD | EVGO REPLACEMENT OF CONNECTICUT SITE- EVC-RAA GRANT (FHWA) | ALL   | 2024 | 856             | 685           | 0               | 171             | NEW PROJECT           |

| Project No | Region | Route  | Town     | Description                      | Project Manager |
|------------|--------|--------|----------|----------------------------------|-----------------|
| 0128-0158  | 10     | CT 315 | SIMSBURY | FCHT - CT 10/202 TO CURTISS PARK | Racicot, Devin  |

| Phase Year | FA CODE  | TOTAL     | FEDERAL   | STATE | LOCAL   | Fiscal Impact: | 2021 | 2022 | 2023 | 2024       |
|------------|----------|-----------|-----------|-------|---------|----------------|------|------|------|------------|
| CN         | FYI TAPH | 1,820,000 | 1,456,000 | 0     | 364,000 |                | 0    | 0    | 0    | -1,456,000 |

Revision Code 01-Move project to another year

amendment Move from FY24 to FYI. Also, change the match to local funds. No change to total cost. Authorization year scheduled for FY25.

0128-0158 CN Phase Total: 1,820,000 Federal Share: 1,456,000 State Share: 0 Local Share: 364,000

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

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

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

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

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

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

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

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

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- 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:

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- 10-Correction
  - a - Due to project schedule
  - b - Due to funding availability
  - c - Other
 Comments:

| Project No | Region        | Route   | Town       | Description  | Project Manager |
|------------|---------------|---------|------------|--|-----------------|
| 0172-0513  | 10, 11, 13, 1 | VARIOUS | DISTRICT 2 | REPLACE TRAFFIC CONTROL SIGNALS AT VARIOUS LOCATIONS | Palmer, Greg    |

| Phase Year | FA CODE   | TOTAL     | FEDERAL   | STATE   | LOCAL | Fiscal Impact: | 2021 | 2022 | 2023 | 2024      |
|------------|-----------|-----------|-----------|---------|-------|----------------|------|------|------|-----------|
| CN         | 2024 STPA | 4,500,000 | 3,600,000 | 900,000 | 0     |                | 0    | 0    | 0    | 3,600,000 |

Revision Code 06-New phase

amendment Add new phase. Previously programmed with 100% state funds.

0172-0513 CN Phase Total: 4,500,000 Federal Share: 3,600,000 State Share: 900,000 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:

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- 04-Revised cost estimate
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  - c - Decrease due to (specify)
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 Comments:

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

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

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

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- 08-Delete phase
  - a - Phase not required
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 Comments:

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- 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:

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- 10-Correction
  -
 Comments:

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

| Project No | Region | Route   | Town       | Description  | Project Manager |
|------------|--------|---------|------------|--|-----------------|
| 0174-0448  | 74     | VARIOUS | DISTRICT 4 | REPLACE TRAFFIC CONTROL SIGNALS AT VARIOUS LOCATIONS | Palmer, Greg    |

| Phase Year | FA CODE   | TOTAL     | FEDERAL   | STATE     | LOCAL | Fiscal Impact: | 2021 | 2022 | 2023 | 2024      |
|------------|-----------|-----------|-----------|-----------|-------|----------------|------|------|------|-----------|
| CN         | 2024 STPA | 6,100,000 | 4,880,000 | 1,220,000 | 0     |                | 0    | 0    | 0    | 4,880,000 |

Revision Code 06-New phase

amendment Add new phase. Previously programmed with 100% state funds.

0174-0448 CN Phase Total: 6,100,000 Federal Share: 4,880,000 State Share: 1,220,000 Local Share: 0

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

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- 02-Fiscal constraint
  - a - Funding fully programmed
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- 03-Design schedule change
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  - b - CTDOT staffing issue
  - c - Local staffing issue
  - d - ROW issue
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 Comments:

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- 04-Revised cost estimate
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  - c - Decrease due to (specify)
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 Comments:

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- 10-Correction
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  - b - Due to funding availability
  - c - Other
 Comments:

## a. Cover Page (Including the Following Table):

|  |  |
|--|--|
| Project Description  | EVgo Replacement of Connecticut Site   |
| Station Location(s)  | 471 New Park Ave, West Hartford, CT 06110  |
| Number of Repair or replacement  | Replace one 50kW charging port with four 175kW charging ports  |
| Number of broken/non-operational ports   | 1  |
| Is upgrade required to comply with 23 CFR 680?   | To comply with 23 CFR 680 EVgo will upgrade the existing site with four 175kW charging ports in the form of two BABA compliant Delta Electronics 350kW high-power (HP) dual port chargers. |
| Station ID from the AFSL Alternative Fuel Station Locator  | 227971   |
| Estimated Date of Operation  | 12 months from award date  |
| Total Project Cost   | \$856,000  |
| Amount of Funding Requested Under this NOFO  | \$684,800  |
| Total Federal Funding (including funding received under this NOFO)   | \$684,800  |
| Are matching funds restricted to a specific project component? If so, which one?   | No   |
| Is the proposed project included in an EV infrastructure plan (State EV Infrastructure Deployment Plan under NEVI or other plan)? If so, please identify plan. | No   |
| If known, identify the contractors or subcontractors to be used on the project, if awarded.  | TBD  |

**b. Project Narrative**

**The application must include information required for FHWA to determine that the project satisfies requirements described in Sections A, B, and C and to assess the selection criteria specified in Section E (see project narrative requirements below). Applicants should provide data and evidence in a form that is verifiable or publicly available. The FHWA may ask any applicant to supplement data in its application but expects applications to be complete upon submission.**

**The FHWA recommends that the project narrative adhere to the following basic outline of a project description, staffing description, and funding description to clearly address the program requirements and make critical information readily apparent.**

*Narrative requirements:*

- **Project description, including location of charger to be repaired or replaced, project cost, evidence of charger being able to be operational within the 12-month period of grant agreement, and plan for ongoing ownership/stewardship.**

EVgo seeks to remove and replace the existing 50kW electric vehicle charger located at 471 New Park Ave, West Hartford, CT 06110 with U.S. manufactured Delta Electronics 350kW HP dual port chargers for a project cost estimate of \$856,000. This project cost also includes the Capitol Region Council of Government's administration of the grant. These chargers are rated to simultaneously charge two vehicles up to 175kW each, or one vehicle up to 350kW. The existing first generation 50kW charger is incapable of providing a reliable user experience, as demonstrated through a PlugScore of 2.5 out of a possible 10 on PlugShare. This is further indicated by 41% of recent PlugShare check-ins demonstrating an unsuccessful charge. This charger model requires a full replacement to return to reliable operational state because the hardware experiences an excessively high failure rate and frequently requires repair. Even when the charger is functional, PlugShare customer reviews and EVgo's data indicate that drivers often struggle to successfully charge in part because the unit only supports up to 500V DC.

The replacement chargers will bring this site into compliance with 23 CFR part 680, comply with Build America, Buy America ("BABA") requirements and provide a significantly improved customer experience. EVgo has aligned capital resources and construction team availability to ensure timely completion and commissioning within the proposed 12-month grant agreement. EVgo will continue to own and operate the upgraded electric vehicle charging station located at 471 New Park Ave, West Hartford, CT 06110 throughout the five-year period of commitment and beyond.

Sample Plugshare Comments:

<https://www.plugshare.com/location/113372>

- Chargers still down/broken 9/26/23
- Doesn't work
- Confirmed out of service
- Unit says it's under maintenance. Again. Tweeted out and documented @rateyourcharge to spread the word about the situation
- Station kept faulting. Tried three times.

- **Description of repair or replacement being made.**

EVgo will remove and replace the existing 50kW electric vehicle charger located at 471 New Park Ave, West Hartford, CT 06110 with U.S. manufactured Delta Electronics 350kW HP dual port chargers. When completed, the site will host four ports capable of charging four vehicles simultaneously at 175kW in line with NEVI corridor minimums that apply to this location. In addition, EVgo will perform all additional work necessary to bring this site into compliance with NEVI minimum standards and requirements referenced in 23 CFR Part 680.

- **Description of how the project will meet minimum standards and requirements (23 CFR Part 680).**

EVgo will meet the minimum standards and requirements referenced in 23 CFR Part 680. With respect to charger capacity, EVgo will install two Delta Electronics 350kW HP dual port chargers. These chargers are BABA compliant, publicly available 24/7, and feature dual port dynamic power sharing, meaning one car can receive up to 350kW, or two cars charging simultaneously can each receive 175kW. Transparent pricing will be displayed on the charger with NEVI-compliant payment options.

- **Description of how the eligible entity will ensure that approvals and requirements will be achieved in a timely way, including State and local planning approvals (programming on the Transportation Improvement Program or Statewide Transportation Improvement Program); completion of National Environmental Policy Act (NEPA) and any other applicable Federal environmental reviews and approvals, Buy America, and any other applicable State and local approvals (in most instances, EV charging stations will be eligible for a categorical exclusion classification under NEPA).**

EVgo will work with site host, Cumberland Farms to gain site approvals for the proposed work. Where applicable, CRCOG will assist with coordination with state and local planning organizations and government entities. Site drawings and permit applications and fees will be prepared and delivered to the appropriate entities by EVgo.

- **Identification of ownership and operator of the existing facility (including the Temporarily Unavailable ports and underlying ownership of the property).**

EVgo owns and operates the electric vehicle charging station located at 471 New Park Ave, West Hartford, CT 06110.

Cumberland Farms is the site host and property owner. EVgo and Cumberland Farms have executed a site host agreement that has been in place since 2/28/2017 and is available upon request.

- **Amount of funding requested.**

CRCOG is requesting funding in the amount of \$684,800, to include \$620,800 payable to EVgo for the replacement of an electric vehicle charging station and \$64,000 payable to CRCOG for grant administration services.

- **Source of matching funds.**

EVgo will provide matching funds in the amount of \$155,200 in the form of cash. CRCOG will provide matching funds in the amount of \$16,000 in the form of cash.



- **Risk and project readiness information (see Section E of the Notice of Funding Opportunity).** Information within this project narrative and the enclosed pdf containing organizational information are provided to assess risk and project readiness. CRCOG has dedicated staff to serve as a point of contact for this application, and to coordinate activities with project partners, as needed to deliver the project in accordance with FHWA's expectations.

**c. Funding Description**

**Application must include a breakdown of estimated costs across project work areas or tasks, including an identification of funding sources and amounts.**

- **A complete list of activities to be funded by the request, including organizations; estimated costs; an identification of all funding sources that will supplement the requested funds and will be necessary to fully fund the request; and a timeline for completion of the activities to be supported.**

EVgo will remove and replace the existing 50kW electric vehicle charger located at 471 New Park Ave, West Hartford, CT 06110 with U.S. manufactured Delta Electronics 350kW HP dual port chargers. This will result in four charging ports capable of simultaneously charging four vehicles at 175kW each. CRCOG will provide grant administration services. The charging station project cost is estimated at \$856,000 including a funding request of \$684,800. Matching funds of \$155,200 will be provided by EVgo in the form of cash. CRCOG will provide matching funds of \$16,000 in the form of cash.

EVgo will complete this project within the 12-month grant agreement.

\$194k/stall overall

Hardware: Chargers (BABA) = \$68k/stall

Switchgear = \$12k/stall

Construction = \$102k/stall

Pre-construction = \$12k/stall

\$80k Grant Administration

- **A statement of how the 20 percent non-Federal share (cash or in-kind services) will be funded, specifically identifying any soft match. If in-kind services are to be used as matching funds contribution, the application should include a plan for providing financial information and documentation that can be audited.**

EVgo will provide \$155,200 in the form of cash. CRCOG will provide \$16,000 in the form of cash.

#### d. Organizational Information

In addition to the forms, provide answers to the following organizational information questions in a pdf format:

- Identify any exceptions to the anticipated award terms and conditions as contained in Section F, Federal Award Administration Information. Identify any preexisting intellectual property that you anticipate using during award performance, and your position on its data rights during and after the award period of performance.

*Response: No exceptions.*

- The use of a Unique Entity Identifier (UEI) is required on all applications for Federal grants. Please provide your organization's UEI in your budget application. See guidance on obtaining a UEI at [SAM.gov | Home](#).

*Response: Acknowledged. The Applicant's UEI is XKNWYKZ2T5S3.*

- A statement to indicate whether your organization has previously completed a Single Audit and, if so, the date that the last Single Audit in accordance with [2 CFR 200 Subpart F, Audit Requirements](#) was completed.

*Response: Last audit was completed for FY 2022 (FY ending June 30, 2022) on December 31, 2022. Next single Audit is anticipated to be completed by December 31, 2023.*

- A statement regarding conflicts of interest. The applicant must disclose in writing any actual or potential personal or organizational conflict of interest in its application that describes in a concise manner all past, present, or planned organizational, contractual or other interest(s), which may affect the applicant's ability to perform the proposed project in an impartial and objective manner. Actual or potential conflicts of interest may include but are not limited to any past, present, or planned contractual, financial, or other relationships, obligations, commitments or responsibilities, which may bias the applicant or affect the applicant's ability to perform the agreement in an impartial and objective manner. The Agreement Officer (AO) will review the statement(s) and may require additional relevant information from the applicant. All such information, and any other relevant information known to FHWA will be used to determine whether an award to the applicant may create an actual or potential conflict of interest. If any such conflict of interest is found to exist, the AO may (a) disqualify the applicant, or (b) determine that it is otherwise in the best interest of the United States to contract with the applicant and include appropriate provisions to mitigate or avoid such conflict in the agreement pursuant to 2 CFR 200.112.

*Response: There are no known Conflicts of Interest.*

- A statement to indicate whether a Federal or State organization has audited or reviewed the applicant's accounting system, purchasing system, and/or property control system. If such systems have been reviewed, provide summary information of the audit/review results to include as applicable summary letter or agreement, date of audit/review, Federal or State point of contact for such review.

*Response: Other than the annual single audit, we are not aware of any past audit or review of CRCOG's accounting system.*

- Terminated Contracts – List any contract/agreement that was terminated for

convenience of the Government within the past 3 years, and any contract/agreement that was terminated for default within the past 5 years. Briefly explain the circumstances in each instance.

*Response: None.*

- The applicant is directed to review 2 CFR §170 ([http://www.ecfr.gov/cgi-bin/text-idx?c=ecfr&tpl=/ecfrbrowse/Title02/2cfr170\\_main\\_02.tpl](http://www.ecfr.gov/cgi-bin/text-idx?c=ecfr&tpl=/ecfrbrowse/Title02/2cfr170_main_02.tpl)) dated September 14, 2010, and Appendix A thereto, and acknowledge in its application that it understands the requirement, has the necessary processes and systems in place, and is prepared to fully comply with the reporting described in the term if it receives funding resulting from this NOFO. The text of Appendix A will be incorporated in the award document as a General Term and Condition as referenced under this NOFO's Section F, Federal Award Administration Information.

*Response: Acknowledged.*

- Disclose any violations of Federal criminal law involving fraud, bribery, or gratuity violations. Failure to make required disclosures can result in any of the remedies described in 2 CFR 200.339 entitled Remedies for Noncompliance, including suspension or debarment. (See also 2 CFR Part 180 and 31 U.S.C. 3321).

*Response: None.*