

CMAQ/TAP Scope Change Request Form

Project Identification

TIP ID	01-18-0005	Sponsor	CDOT
Project Location Description	Drive Electric Chicago – EV Fleet Program		

Revised Project Scope

CDOT is seeking a scope change to allow the project to provide funding for electric vehicle (EV) chargers instead of electric vehicles.

Changes to Location/Limits (if applicable)

Map Attached

Name of Street or Facility to be Improved	Marked Route #	
North/West Reference Point/Cross St/Intersection	Marked Route #	Municipality & County
South/East Reference Point/Cross St/Intersection	Marked Route #	Municipality & County
Other Project Location Information		

Changes to Emissions Benefit Analysis (not required of TAP projects)

- The proposed scope change will not affect the emissions benefits of the project.
 The proposed scope change will affect the emissions benefits of the project – continue to next page.

Cost/Schedule Changes

- The scope change will result in a cost change. A [Cost Change Request](#) form was submitted.
 The scope change will result in a schedule change. A [Schedule Change Request](#) form was submitted.

Additional Comments

CDOT is seeking a no cost increase scope change for the Drive Electric Chicago – EV Fleet Program (TIP ID Number 01-18-0005.)

The original project plan would assist the City of Chicago electrify a portion of its municipal fleet by providing funding support for 182 electric vehicles and 191 EV charging stations. Additionally, the project would establish 100 public EV charging stations at O’Hare and Midway airports and 6 electric shuttles and 2 shuttle-dedicated chargers serving travelers at O’Hare. This project has been delayed

since 2017 due to the halt in FHWA’s Buy America waiver process. At this time there is still no relief from Buy America requirements for vehicles.

On February 21, 2023 FHWA published a temporary public interest waiver to waive Buy America requirements for steel, iron, manufactured products, and construction materials in electric vehicle (EV) chargers. The temporary waiver is effective starting March 23, 2023. Since FHWA funding now has a clear path forward for EV chargers and Buy America, CDOT is seeking to revise the scope of our project to provide CMAQ funding for the chargers instead of the vehicles.

The scale and impact of the project is anticipated to be greater than originally proposed. While the original number of vehicles deployed was 188 and will drop to zero, the number of anticipated deployed chargers will increase from 293 to 597. The City will be acquiring hundreds of EVs over the next several years that will be able to utilize these chargers.

Item	Description	Unit	Original Quantity	New Quantity	Unit Price	Original Total	New Total
1	Class 1 Electric Vehicles	each	84	0	\$16,000	\$1,344,000	\$0
2	Class 2 Electric Vehicles	each	32	0	\$40,000	\$1,280,000	\$0
3	Class 2 Electric Vehicles	each	15	0	\$24,000	\$360,000	\$0
4	Class 7 Electric Vehicles	each	28	0	110,000	\$3,080,000	\$0
5	Electric Forklifts	each	23	0	\$18,000	\$414,000	\$0
6	EV Training	each	1	1	\$60,000	\$60,000	\$60,000
7	Municipal DC Fast Chargers	each	9	77	\$80,000	\$720,000	\$6,160,000
8	Municipal Level 2 Chargers	each	182	300	\$8,000	\$1,456,000	\$2,400,000
9	Airport Electric Shuttle Buses	each	6	0	\$320,000	\$1,920,000	\$0
10	Airport Electric Bus Chargers	each	2	0	\$800,000	\$1,600,000	\$0
11	Airport DC Fast Chargers	each	20	40	\$64,000	\$1,280,000	\$2,560,000
12	Airport Level 2 Chargers	each	80	180	\$24,000	\$1,920,000	\$4,320,000
13	Airport EV Awareness Program	each	1	1	\$70,000	\$70,000	\$70,000
14	Digital EV PSA Campaign	each	1	1	\$3,000	\$3,000	\$3,000
	CMAQ FUNDS REQUESTED					\$15,507,000	\$15,507,000

Since CDOT has been unable to initiate this project due to Buy America process delays, we believe changing the scope to focus on the EV chargers will allow us to proceed with an even more impactful project in a timely manner.

Changes to Emissions Benefit Analysis – Bike/Ped and Commuter Parking

BICYCLE AND PEDESTRIAN FACILITIES

Miles of existing bicycle/pedestrian facilities intersecting the proposed facility: _____

Identify intersecting facilities:

