



City of Kansas City, Missouri

Docket Memo

Ordinance/Resolution #: 260325

Submitted Department/Preparer: Neighborhoods

Revised 01/30/25

Docket memos are required on all ordinances initiated by a Department Director. More information can be found in [Administrative Regulation \(AR\) 4-1](#).

Executive Summary

Accepting and approving a \$150,000 grant award from Federal Highway Administration (FHWA), as part of the Missouri Highways and Transportation Commission Congestion Mitigation and Air Quality program, to fund the purchase of electric vehicle charging infrastructure and hybrid or electric vehicles; estimating and appropriating \$150,000 in the General Grants Fund, designating requisition authority and recognizing this ordinance as having an accelerated effective date.

Discussion

The Missouri Department of Transportation (MoDOT) annually distributes federal transportation funds provided under the current transportation bill, the Moving Ahead for Progress in the 21st Century (MAP-21) to cities and counties for transportation improvements. These funds are distributed through 4 local programs, one of which is the Congestion Mitigation and Air Quality Program (CMAQ). This program is designed to assist cities in attaining federal air quality guidelines, awarding projects that have a demonstrated effect on reducing emissions.

The City of Kansas City was recommended as a subgrantee for this grant funding opportunity by MARC, in support of the purchase of a EV ARC charging system, which is the world's first and only fully autonomous, transportable, solar-powered electric vehicle charging system. This EV ARC charging system is transported from site to site in a trailer, which allows for easy off-grid deployment for large-scale events. This equipment will see immediate use and emission reduction with the upcoming FIFA World Cup events and celebrations.

The purchase of this equipment is also supportive of the Office of Environmental Quality's Climate Protection and Resiliency Plan, furthering Strategy E-2 goals of achieving carbon neutrality through investments in solar renewable energy and strategies to improve Kansas City's energy supply and Strategy M-5 promoting electric vehicle adoption and expanding the charging network.

Fiscal Impact

1. Is this legislation included in the adopted budget? Yes No
2. What is the funding source?
General Grants Fund - Federal grant funding allocated from the Infrastructure Investment and Jobs Act (IIJA) passed through MoDOT as part of their CMAQ program.
3. How does the legislation affect the current fiscal year?
The acceptance of the \$150,000 grant award will be an increase of \$150,000 worth of income for the current fiscal year, with a \$37,500 match from the Office of Environmental Quality.
4. Does the legislation have a fiscal impact in future fiscal years? Please notate the difference between one-time and recurring costs.
There is no fiscal impact in future years.
5. Does the legislation generate revenue, leverage outside funding, or deliver a return on investment?
Yes, this project leverages \$150,000 of outside funding from the federal government.

Office of Management and Budget Review

(OMB Staff will complete this section.)

1. This legislation is supported by the general fund. Yes No
2. This fund has a structural imbalance. Yes No
3. Account string has been verified/confirmed. Yes No

Additional Discussion (if needed)

Click or tap here to enter text.

Citywide Business Plan (CWBP) Impact

1. View the [Adopted 2025-2029 Citywide Business Plan](#)
2. Which CWBP goal is most impacted by this legislation?
Infrastructure and Accessibility (Press tab after selecting.)

3. Which objectives are impacted by this legislation (select all that apply):

- Engage in thoughtful planning and redesign of existing road networks to ensure safety, access, and mobility of users of all ages and abilities.
- Develop a multimodal regional transportation system for all users.
- Develop environmentally sustainable strategies that improve quality of life and foster economic growth.
- Ensure adequate resources are provided for continued maintenance of existing infrastructure.
- Focus on delivery of safe connections to schools.
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Prior Legislation

Resolution 080754: Adoption of the City's Climate Protection Plan

Resolution 170484: Reduction of Greenhouse Gas Emissions

Resolution 200005: Updating the City's Climate Protection plan to include greenhouse gas reduction goals

Resolution 210967: Declaration of a climate emergency and encouraging implementation of the City's Climate Protection and Resiliency Plan

Resolution 220596: Adoption of the Climate Protection and Resiliency Plan

Resolution 230257: Adoption of the KC Spirit Playbook

Service Level Impacts

This project will increase the availability and accessibility of an alternative energy source for electric vehicles, supporting progress toward's the City's climate neutrality goals. Through the reduction in harmful emissions, this program enhances the air quality and therefore the health and quality of life for all Kansas City residents. This project can also increase the City's capacity for emergency response by providing emergency power and battery storage that can be used for vehicles and other devices.

Staff Recommendation

Click or tap here to enter department.

Select One: Sponsored

Directive: Res/Ord # [Click to enter Res/Ord. No.](#)

- Select One: Recommend
 Do Not Recommend
 Not Applicable

Click or tap here to provide reasoning.

Other Impacts

1. What will be the potential health impacts to any affected groups?
This project will contribute to the reduction of greenhouse gas emissions, which will in turn reduce climate hazards and risks including air pollution, vector-borne disease, and forced migration for all Kansas City residents. These climate risks do have an increased burden on our city's most vulnerable residents with lower socioeconomic status
2. How have those groups been engaged and involved in the development of this ordinance?
Residents were not directly engaged in the development of the project proposal. However, the proposal was built on the strategies listed in the City's Climate Protection and Resiliency Plan, which was heavily influenced by public outreach and feedback during its development in 2022.
3. How does this legislation contribute to a sustainable Kansas City?
The legislation contributes to a more sustainable Kansas City as it aligns with many of the strategies laid out in the Energy Supply section of the City's Climate Protection & Resiliency Plan, specifically supporting:
 - Strategy M-5: Reduce Vehicle Emissions through low- and no-emission vehicles
 - Strategy E-2: Expand Neighborhood, Commercial, and Municipal Renewable Energy Generation
 - Strategy E-3: Improve Grid Stability and Resilience
4. Does this legislation create or preserve new housing units?
No (Press tab after selecting)

Click or tap here to enter text.
Click or tap here to enter text.

5. Department staff certifies the submission of any application Affirmative Action Plans or Certificates of Compliance, Contractor Utilization Plans (CUPs), and Letters of Intent to Subcontract (LOIs) to CREO prior to, or simultaneously with, the legislation entry request in Legistar.

No - CREO's review is not applicable (Press tab after selecting)

Please provide reasoning why not:

This ordinance is only to accept grant funding that will be used on the one-time purchase of equipment, which at this time is only available from one vendor internationally.

6. Does this legislation seek to approve a contract resulting from an Invitation for Bid?

No(Press tab after selecting)

7. Does this legislation seek to approve a contract resulting from a Request for Proposal/Qualification (RFP/Q)?

No(Press tab after selecting)