

# Kentucky EV Charging Program Update

June 26, 2024



# Agenda

01

---

Welcome and  
Introductions

02

---

RFP #2 Update

03

---

Updates to the  
EV Infrastructure  
Plan

04

---

Deployment  
Phases

05

---

Other  
Programs and  
Initiatives

06

---

Upcoming  
Outreach and  
Engagement

07

---

Next Steps

# Introductions



**John Moore**  
Deputy State Highway  
Engineer  
NEVI Cabinet Lead  
KYTC



**Mikael Pelfrey**  
Director  
Division of Planning  
Deputy Project Manager  
KYTC



**Justin Harrod**  
EV Charging  
Infrastructure Planning  
and Deployment Lead  
KYTC



**Robert Frazier**  
EV Charging Planning  
Consultant Team  
Project Manager  
HDR



**Mindy Peterson**  
EV Charging  
Communications  
Consultant Team  
Director  
Parsons

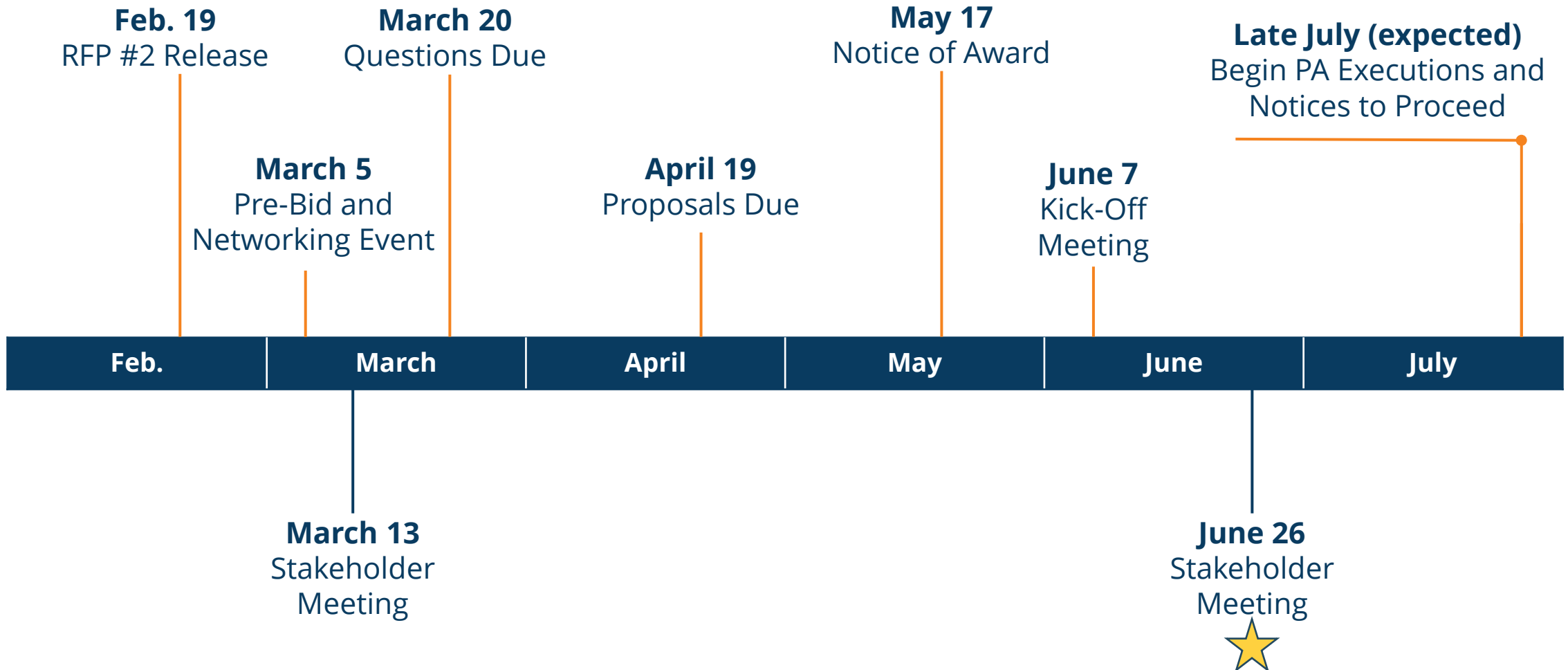




# RFP 2 Update



# RFP 2 Timeline



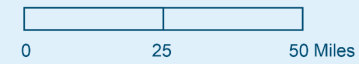
# RFP 2 Objectives

1. Attract multiple Proposers with proven knowledge and experience
2. Encourage self-sufficiency while meeting federal compliance/performance
3. Execute the EV network build-out per NEVI requirements
4. Achieve build-out on the Commonwealth's Federally designated AFCs
5. Select Projects / Proposers that are likely to remain viable beyond 5 years

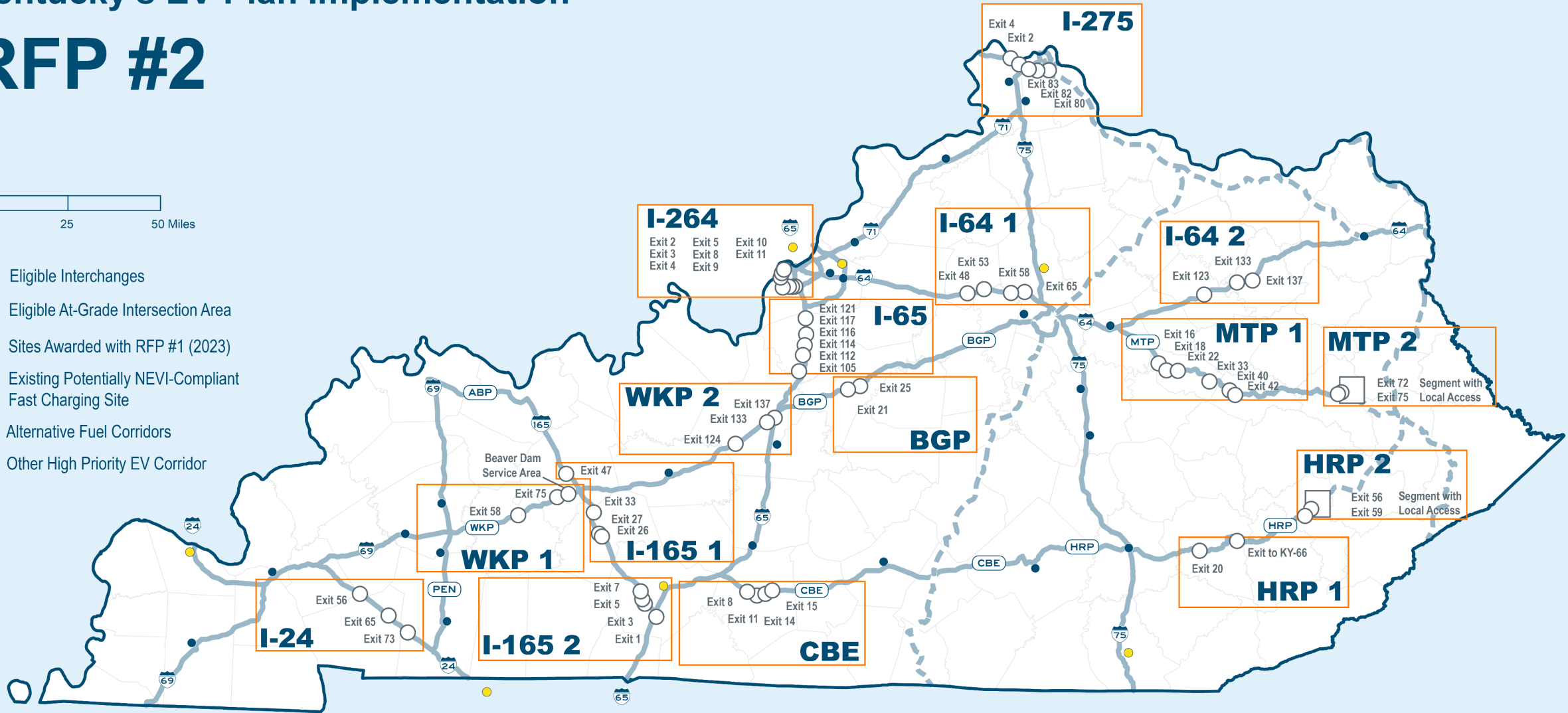


# Kentucky's EV Plan Implementation

## RFP #2



- Eligible Interchanges
- Eligible At-Grade Intersection Area
- Sites Awarded with RFP #1 (2023)
- Existing Potentially NEVI-Compliant Fast Charging Site
- Alternative Fuel Corridors
- Other High Priority EV Corridor





# 42 SITES

Follow Our Progress



 Awarded Charging Site	 Existing Potentially NEVI-Compliant Site	 Alternative Fuel Corridor
 Active Charging Site	 Future NEVI Site (Awarded by other states)	 Other High Priority EV Corridor





### Submissions Received



RFP 1	<b>150</b>
RFP 2	<b>55</b>
<hr/>	
Total	<b>205</b>

### Federal Funding Allocated



RFP 1	<b>\$15.4</b>
RFP 2	<b>\$11.8</b>
<hr/>	
Total	<b>\$27.2</b>

### Charging Stations



RFP 1	<b>24</b>
RFP 2	<b>18</b>
<hr/>	
Total	<b>42</b>

### Developers



RFP 1	<b>7</b>
RFP 2	<b>8</b>
<hr/>	
Total	<b>11*</b>

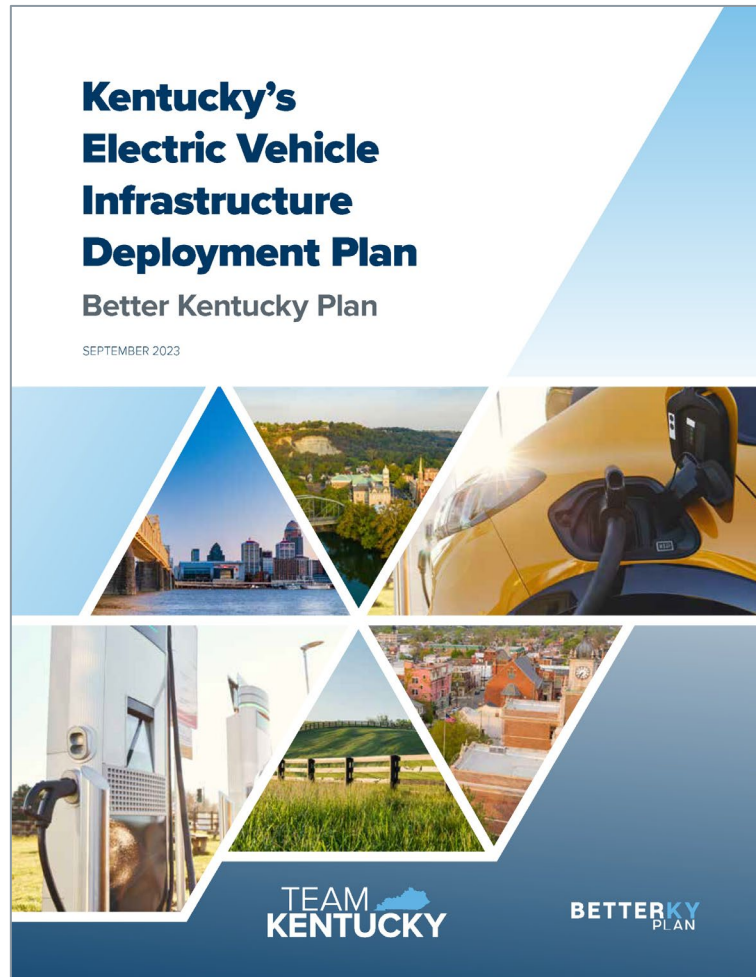
\* 4 developers from RFP 1 were also awarded for RFP 2



# EV Infrastructure Plan Update



# KY EV Infrastructure Deployment Plan 2024 Update



- + Updated guidance received **June 11**
- + Update due to Joint Office **Sept. 1**
  - + Use of provided Word template recommended
- + FHWA approval expected **late Sept.**

# Key Updates

- + Public Engagement
- + Contracting
- + EV Charging Infrastructure Deployment
- + Implementation
- + Equity
- + Program Evaluation
- + Workforce



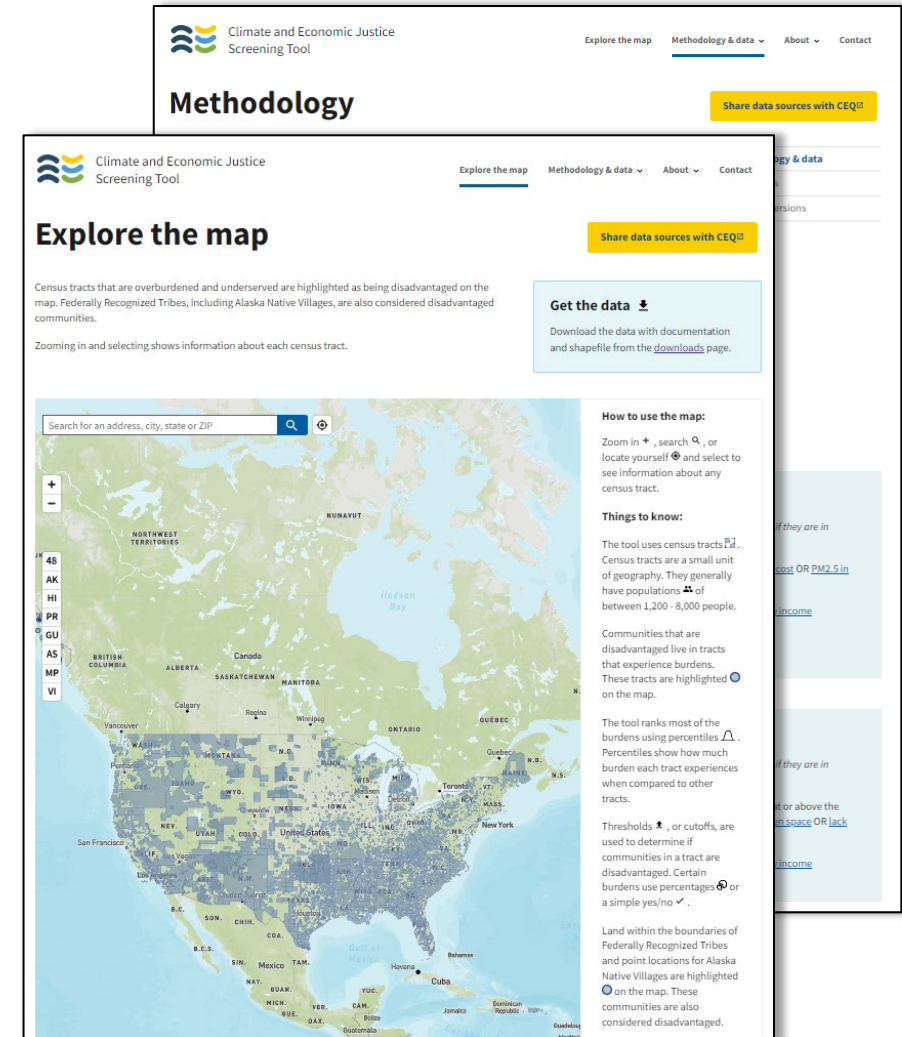


# Equity

+ Council on Environmental Quality's **Climate and Economic Justice Screening Tool (CEJST)**

+ Eight Measures of Disadvantaged Communities:

- + Transportation
- + Legacy Pollution
- + Health
- + Housing
- + Workforce Development
- + Energy
- + Climate Change
- + Water and Wastewater

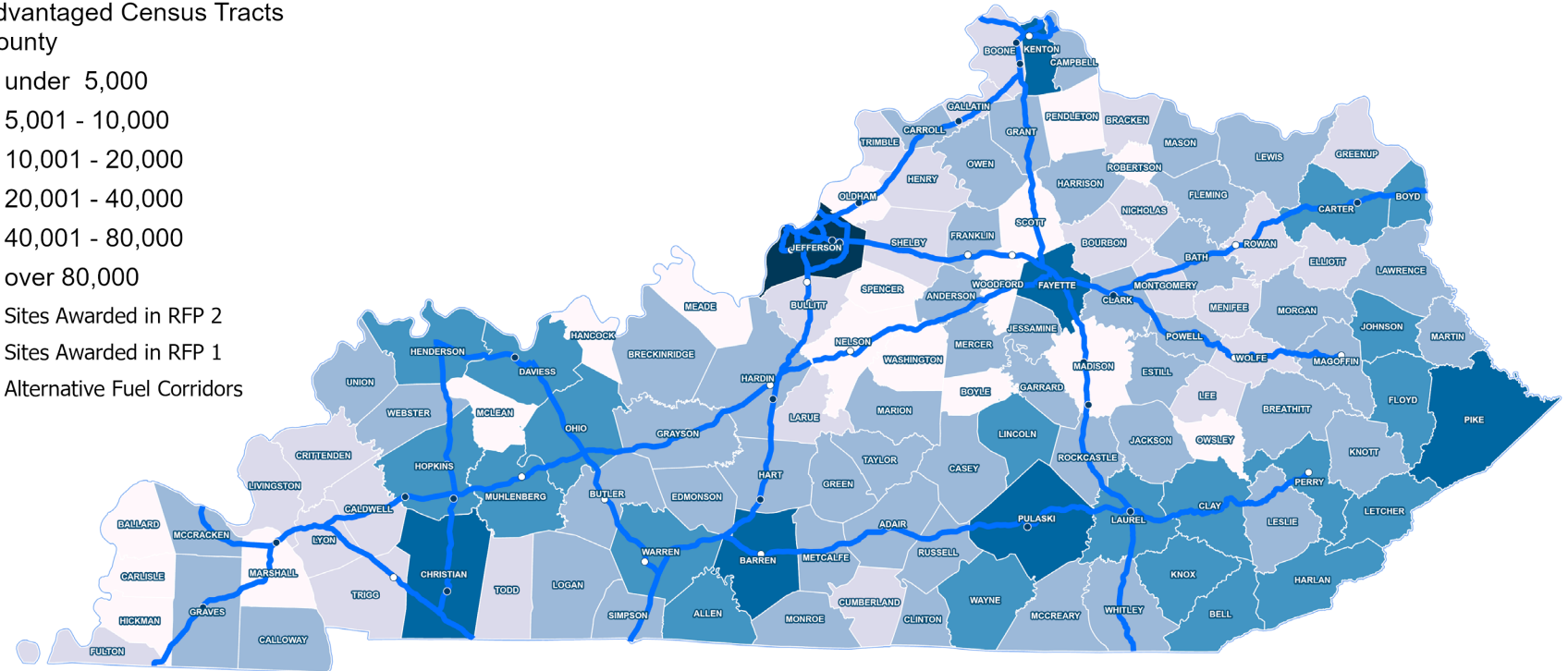
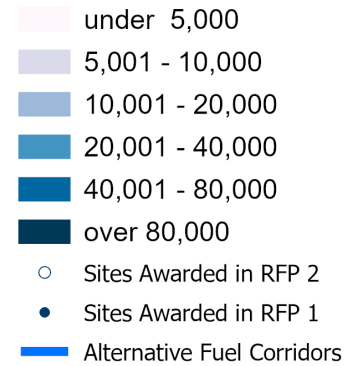


# Equity

48% of sites in DACs

90% of sites within 3 miles of a DAC

Total Population in Disadvantaged Census Tracts by County



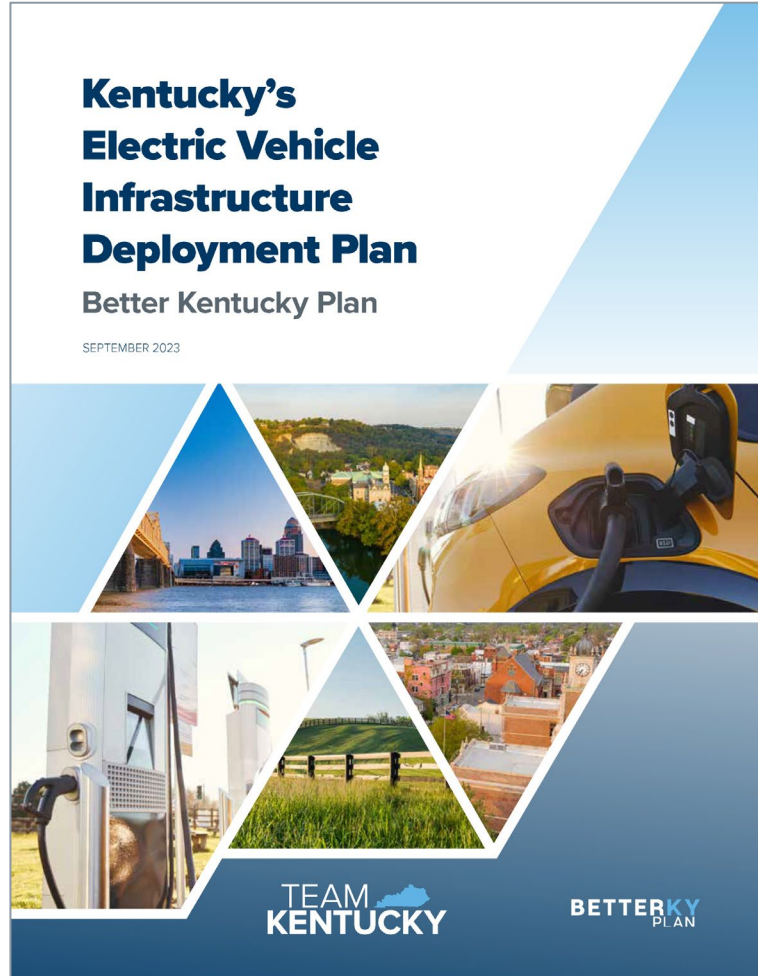
*The Justice40 Initiative goal is that at least 40 percent of the benefits of the NEVI Program be distributed to disadvantaged communities*

# Demonstrating Build Out

- + Guidance released June 11, 2024
- + FHWA must certify before NEVI funds can be spent on stations not on AFCs
- + Future phases will be focused on deploying funding along other priority corridors and within communities
- + Maps will show how Kentucky is building out the EV fast charging network on the AFCs



# Feedback Opportunity



The public comment period will open in **October 2024**.

We'd like to hear your feedback!





# Deployment Phases



# Federal Funds for EV Infrastructure

## 2021 Infrastructure Investment and Jobs Act (IIJA)

also known as **Bipartisan Infrastructure Law (BIL)**

## National Electric Vehicle Infrastructure (NEVI) Program

### NEVI Formula Funds

**Kentucky's Share - \$69.5M**  
\$5.0 Billion Nationally (over 5 years)

### NEVI Discretionary Grant Funds

Competitive Grants  
\$2.5B Available Nationally (over 5 years)

# Federal Funds and Schedule



\*All numbers in millions

	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Totals
Federal Funds	\$10.3	\$14.8	\$14.8	\$14.8	\$14.8	-	\$69.5
Non-Federal Funds	\$2.6	\$3.7	\$3.7	\$3.7	\$3.7	-	\$17.4
Total Funds	\$12.9	\$18.5	\$18.5	\$18.5	\$18.5	-	\$86.9

Build-Out Interstates and Parkways  
(Phase 1 - Ongoing)

Other Priority Corridors (Phase 2)

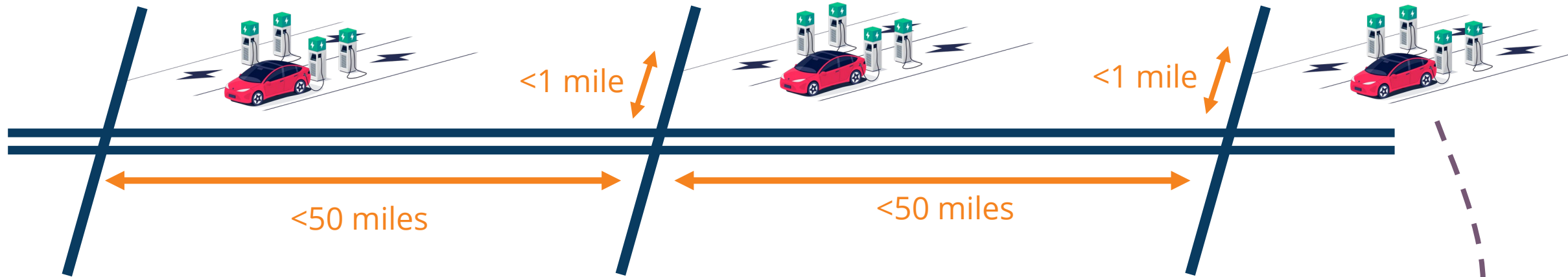
Community Charging (Phase 3)

EV  
Infrastructure  
Plan Elements

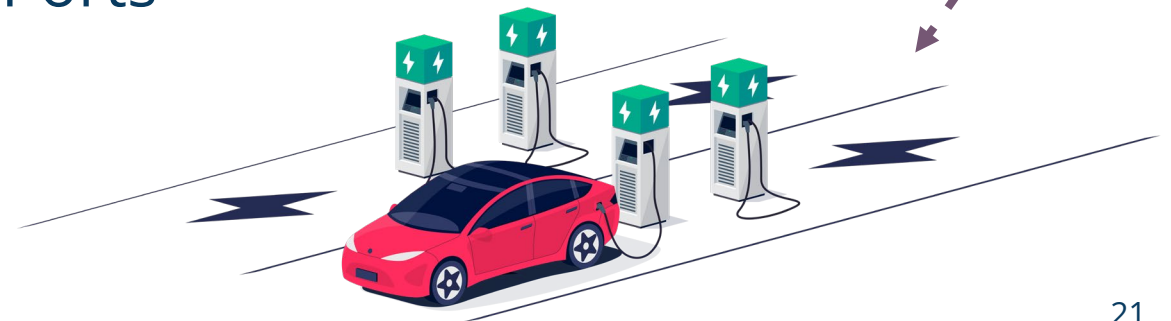




# Phase 1 – AFC Network



- + <50 Mile Spacing; <1 Mile From Corridor
- + At Least (4) 150 kW DC Fast Charging Ports (600kW Total)
- + Open to General Public 24/7



# NEVI Funded DCFC Stations

- + KYTC will not own, operate, or maintain stations
- + Industry partners will be responsible for



**Construction/  
Installation**



**Ownership**



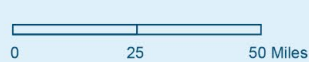
**Operations**



**Maintenance**

# Phase 2 – Other High Priority Corridors

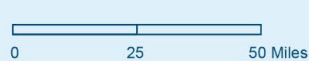
- + AA Hwy / KY 9
- + US-68
- + US-27
- + US-127
- + US-23
- + KY-80
- + Mtn Pkwy Extension



— Alternative Fuel Corridors  
- - - Other High Priority EV Corridor

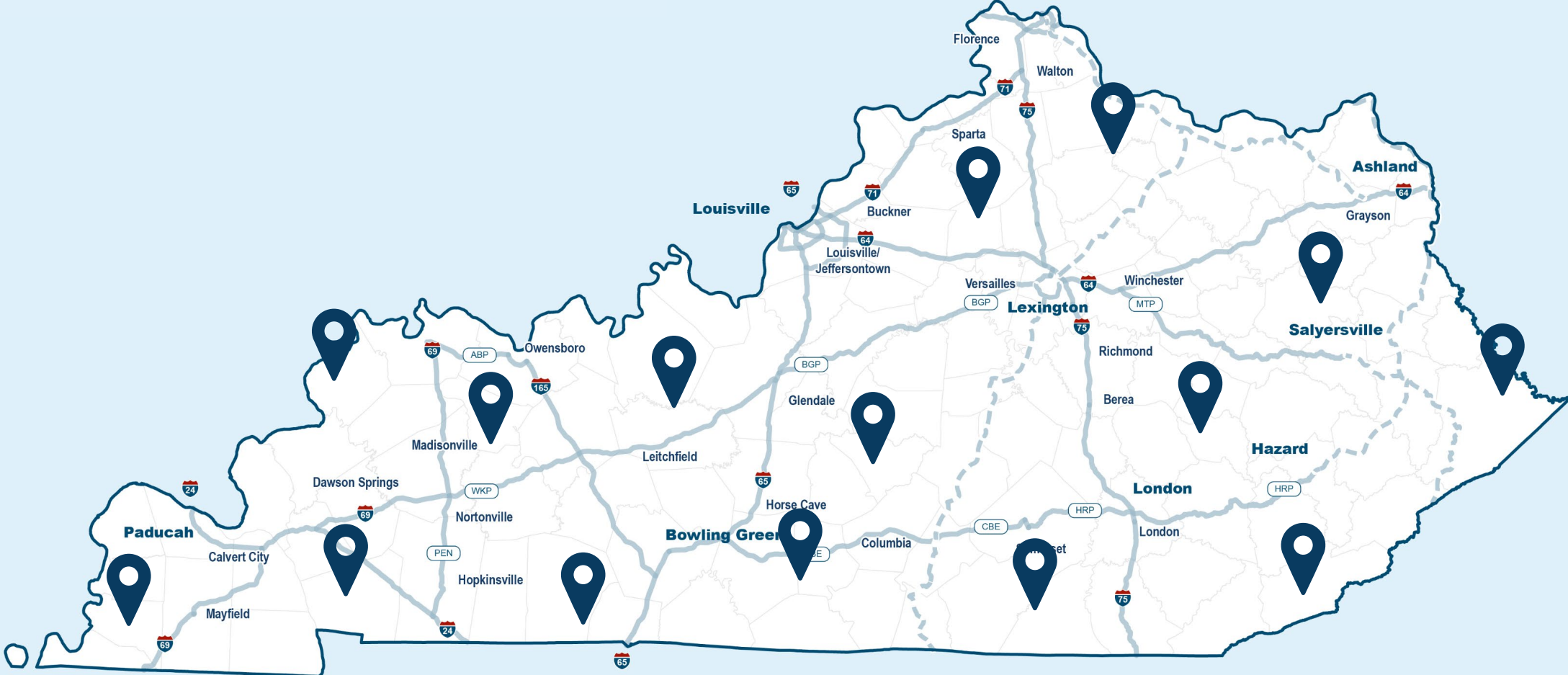
# Phase 2 – Other High Priority Corridors

- + Danville
- + Paintsville
- + Greenup
- + Paris
- + Jenkins
- + Pikeville
- + Louisa
- + Prestonsburg
- + Maysville
- + Vanceburg
- + Nicholasville



- Alternative Fuel Corridors
- - - Other High Priority EV Corridor

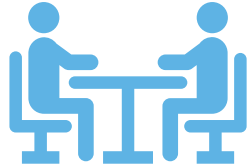
# Phase 3 – Community Charging



- Alternative Fuel Corridors
- - - Other High Priority EV Corridor



# Phase 3 – Community Charging



**Workplace**



**Retail and  
Commercial Centers**



**Multifamily Housing**



**Rural and Disadvantaged  
Communities**



**Fueling Stations**



**Hotels and Lodging**



**Public Facilities  
(libraries, parks, gov. buildings)**



**Tourism Destinations**



**Downtown Centers**



# Other Programs and Initiatives



# Charging and Fueling Infrastructure (CFI) Discretionary Grant Program

- + Competitive Discretionary Grant Program
- + Funding for publicly accessible EV charging and other alternative fueling infrastructure
- + Two funding categories
  1. **Community Charging and Fueling Program Grants** – Any publicly accessible location
  2. **Alternative Fuel Corridor Grants** – Along Designated AFCs

- **Must register on [Grants.gov](https://www.Grants.gov) to apply**
- **FHWA's CFI website is here: [CFI Website](#)**
- **Deadline: 11:59 pm. Aug. 28**

# CFI Discretionary Grant Program

- + **\$2.5 billion** over five years
- + Round 2 announced with additional opportunities for Round 1 Applicants
  - + **\$1.3 billion** available for **Round 2**
- + **\$800 million** for new applications
- + **\$521 million** reserved for Round 1 applications rated as “Highly Recommended” or “Recommended”



*Note: Round 1 unawarded applicants may request consideration under the reserved funds AND submit a new Round 2 application.*

# CFI Discretionary Grant Program

## Eligible Parties





# Community Program Grants

- + Approx. **\$400 million** (nationally)
- + **To fund charging in any publicly accessible location** (*not limited to AFCs*)
- + Awards from **\$500,000 to \$15 million**
- + Can be fast charging or Level 2 charging
- + Wide range of eligible costs from planning and property to education and operations
- + Must address environmental justice
- + Must be accessible and usable by individuals with disabilities



# Community Program Grant Applicants

## Agencies that submitted in Round 1

- + Pennyrile ADD
  - + Cities of Grand Rivers, Central City, and Hopkinsville
- + Louisville Metro
- + City of Versailles
- + City of Columbia

*May be others?*



# Corridor Program Grants

- + Approx. **\$400 million** (nationally)
- + **Must be within five miles of a Federally designated AFC**  
(Interstates and Parkways in KY)
- + **Minimum award \$1million; no maximum**
- + Must use funds to contract with a private entity
- + Range of eligible costs from preliminary engineering to 5 years of operational assistance
- + Must address environmental justice
- + Must be accessible and usable by individuals with disabilities



# Round 1 Applicants

+ **\$521 million** for reconsideration of previously submitted applications not selected but rates as:

+ **Highly Recommended**

+ **Recommended**

AND

+ Meeting one or more DOT priority considerations

*Applications requesting reconsideration of round 1 applications will not be permitted to modify, amend or supplement their application.*



**Lead applicants must notify FHWA by July 1, 2024 to be reconsidered.**

*Respond to the email sent by FHWA from [CFIgrants@dot.gov](mailto:CFIgrants@dot.gov)*

# State Opportunities

## Future Energy and Environment Cabinet (EEC) VW Settlement Funding Program

- + \$2.2 Million for fast charging
- + \$715,000 remaining from Level 2 rebate program

## Government Resources Accelerating Needed Transformation (GRANT) Program of 2024

- + Cabinet for Economic Development (CED) Program
- + Potential to obtain state matching funds
- + Link - <https://ced.ky.gov/grant>
- + Need to move quickly!





# Upcoming Outreach & Engagement

# EV Charging Program Engagement

- + Four large group virtual meetings scheduled for 2024
- + In-person meetings are being planned
- + Engagement Goals
  - + Input on EV program implementation
  - + Educate the public about the EV program
  - + Provide information about funding opportunities



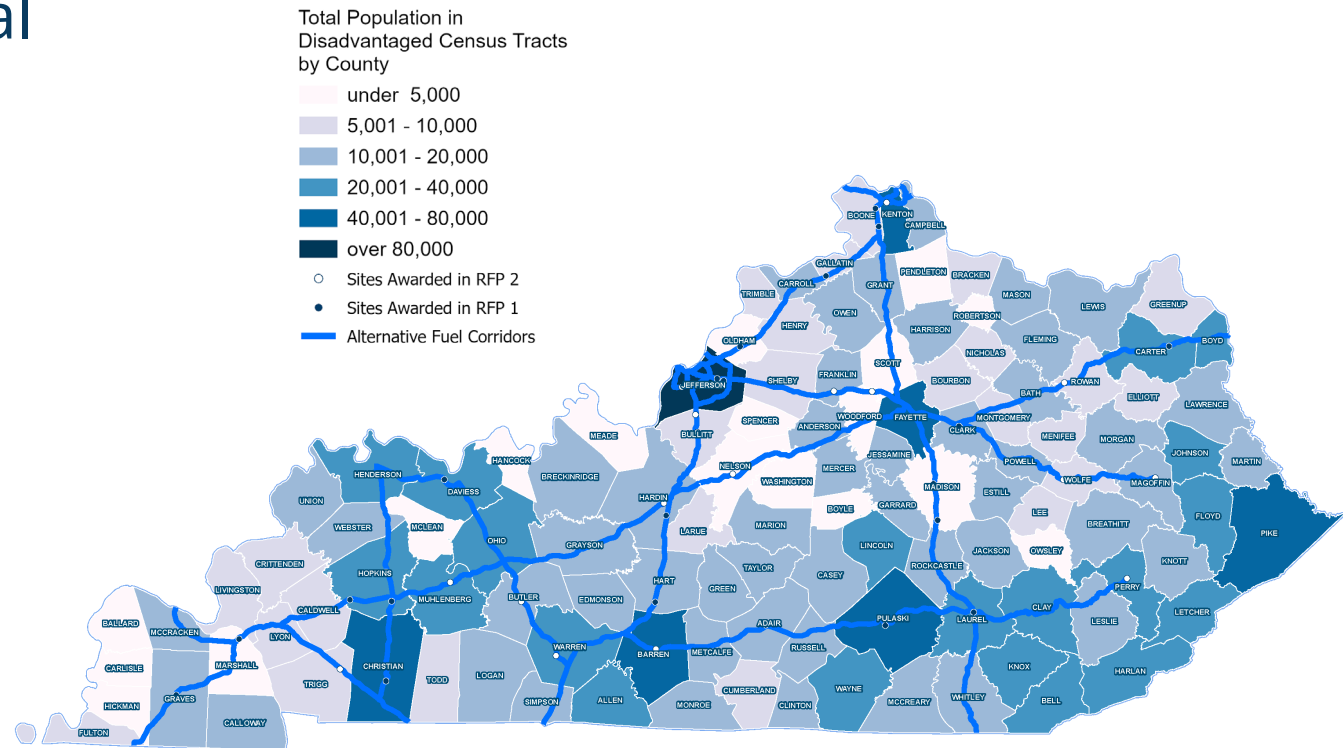
# Outreach and Engagement Tools

- + Large and small stakeholder meetings
- + Coordination with MPOs and ADDs
- + Steering Committee
- + Speaking engagements
- + RFP networking
- + Website
- + Videos
- + Surveys



# Disadvantaged Community (DAC) Working Group

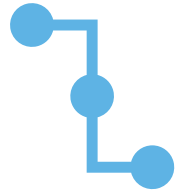
- + We're forming a Disadvantaged Community (DAC) Working Group to help understand priorities in communities statewide.
- + Representatives of local, regional and statewide groups like:
  - + Community foundations
  - + Service agencies
  - + Urban Leagues
  - + NAACP Chapters
  - + Clean Cities Coalitions
  - + Ride share groups
- + Help us identify members



# Disadvantaged Community (DAC) Working Group Members



**Discuss** issues with the potential to impact low-income, minority or rural populations



**Serve** as a liaison between the community organization and the EV Charging Program Team



**Share** views and identify local concerns in two-way communications with the team



**Act** as an advisor and share project information with others



# Disadvantaged Community (DAC) Working Group Next Steps

- + Assembling the group and identifying members
- + Share possible members in the chat or email [EVChargingProgram@ky.gov](mailto:EVChargingProgram@ky.gov)
- + Anticipate first DAC Working Group Meeting later this summer
- + Group survey expected to follow
- + Expect quarterly, virtual meetings
- + Assist in developing strategies to engage DACs statewide

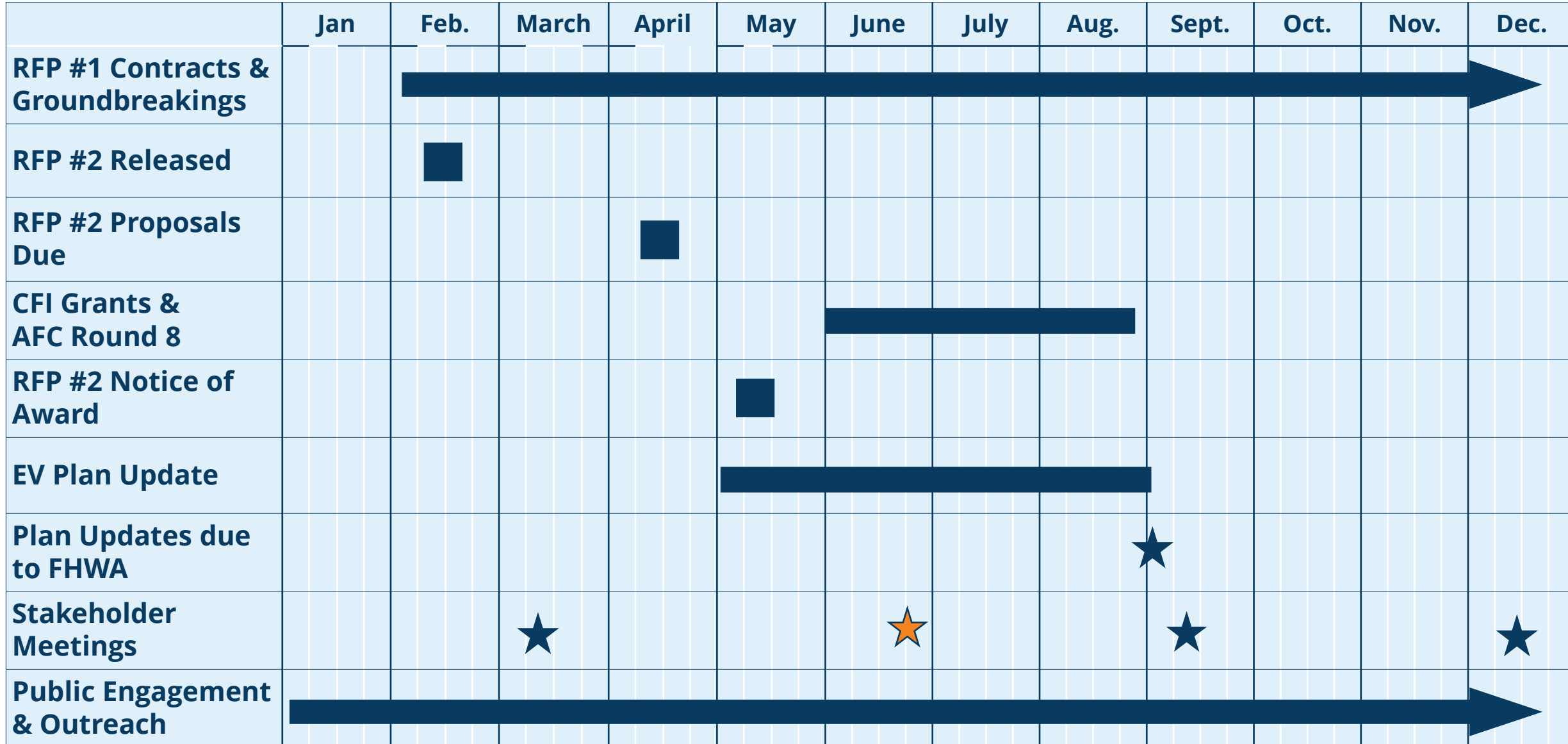




# Next Steps



# 2024 NEVI Project Schedule (tentative)



# New Survey – We Need Your Help!



## Help inform the next phase of Kentucky's Electric Vehicle Charging Program

The Kentucky Transportation Cabinet (KYTC) seeks your input to identify locations of interest for additional electric vehicle (EV) charging sites.

The state has selected [42 EV charging sites](#) along interstates and parkways designated as Alternative Fuel Corridors (AFCs) to meet federal guidance for the first phase of the [National Electric Vehicle Infrastructure \(NEVI\) Formula Program](#).

While the first phase of the program focused on meeting the federal requirements for a national fast-charging network on the AFCs, future phases will provide flexibility in

# For More Information



EV Program Email Address:  
[EVChargingProgram@ky.gov](mailto:EVChargingProgram@ky.gov)



Program Website:  
[EVCharging.KY.gov](http://EVCharging.KY.gov)







# Adjourn

