

ADOT ELECTRIC VEHICLE INFRASTRUCTURE PLAN

ABOUT THE PROJECT

RECOMMENDED SITES FOR NEVI CHARGING STATIONS



- Proposed Site - New Location
- Potential Site - Upgrade
- Interstates

As more and more Arizona drivers get behind the wheel of an electric vehicle (EV), the Arizona Department of Transportation is taking advantage of new federal funding sources to implement a network of electric vehicle (EV) charging stations. The Bipartisan Infrastructure Bill recently made \$5 billion available to states through the National Electric Vehicle (NEVI) Program for the deployment of publicly accessible EV chargers along alternative fuel corridors nationwide. The goal is to develop a network of EV fast chargers to facilitate long-distance EV travel and encourage EV adoption by more users.

In September 2022, ADOT's Electric Vehicle Infrastructure Deployment Plan was approved by the Federal Highway Administration. Over the next five years, the state is set to receive \$76.5 million in federal dollars through the NEVI program.

Key Features of ADOT's EV Plan

- The plan focuses on establishing EV fast charging stations along Arizona's designated alternative fuel corridors (AFC), which currently are the interstate highways. Additional highway corridors can be designated as AFCs to be eligible for charging stations in the future.
- The plan includes potential upgrades to eight existing charging stations to meet NEVI requirements and construction of 13-21 new EV fast charging stations (see map). Stations will be located within one mile of a freeway interchange.

- Each new and upgraded station will have at least four EV fast chargers, capable of charging the average EV in about 20-30 minutes.
- Charging stations are spaced less than 50 miles apart, with two exceptions, due to lack of interchanges with appropriate infrastructure and amenities. Those locations are on I-40 between Kingman and Seligman and on I-8 between Gila Bend and Casa Grande.
- No ADOT funding will be used to construct and maintain the charging stations. Stations will be privately owned, operated and maintained. Costs for constructing the stations will be split between the federal government and the operator, with 80% from federal funding and 20% from the private entity.
- Charging stations will not be located on ADOT facilities, including highway rest stops, for a variety of reasons, including restrictions on business use at these sites.

EXPLORE THE WEBSITE TO VIEW THE PLAN AND LEARN MORE:

[azdot.gov/EVPlan](https://www.azdot.gov/EVPlan)



NEXT STEP - PLAN IMPLEMENTATION

- ADOT will first upgrade existing charging stations to be NEVI compliant. We anticipate construction of these upgrades will begin by the end of 2023. Construction of new stations would then begin, likely in 2024.
- Once these initial charging stations are built, stations could be constructed on other highways added to the network, pending available federal funding.
- The plan will be updated annually as funding is made available, highways are added to the AFC network, and locations for new charging stations are identified.

GET INVOLVED!

ADOT is seeking public input on which additional highways should be designated as AFCs and be eligible for charging stations in the future, as well as other topics related to plan implementation. You can provide input through Nov. 30 in the following ways:

In-person public open house meetings held throughout the state in October and November. Visit the EV website for dates and locations.

Survey: surveymonkey.com/r/EVFall22En or scan the QR code below

Email: azevplan@azdot.gov

Phone: 800.915.4301

Mail: Attn: EV Plan, 1655 W. Jackson St., MD126F, Phoenix, AZ 85007

ACCOMMODATIONS

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<https://www.surveymonkey.com/r/AZEVPlanMailingList>



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TAKE OUR ONLINE SURVEY:

<https://www.surveymonkey.com/r/EVFall22En>