

MDOT 2022 EV Deployment Plan

Infrastructure Investment and Jobs Act (IIJA)

As part of the Infrastructure Investment and Jobs Act (IIJA), the new National Electric Vehicle Infrastructure (NEVI) Formula Program intends to make historic investments in the electric vehicle (EV) charging infrastructure that will put the United States on a path to a nationwide network of 500,000 EV chargers by 2030 and ensure a convenient, reliable, affordable, and equitable charging experience for all users.

National Electric Vehicle Infrastructure (NEVI) Formula Program

Under this program, each state is required to submit an EV Infrastructure Deployment Plan (Plan) by Aug. 1st that describes how the State intends to use its apportioned NEVI Formula Program funds in accordance with guidance from the Federal Highway Administration (FHWA).

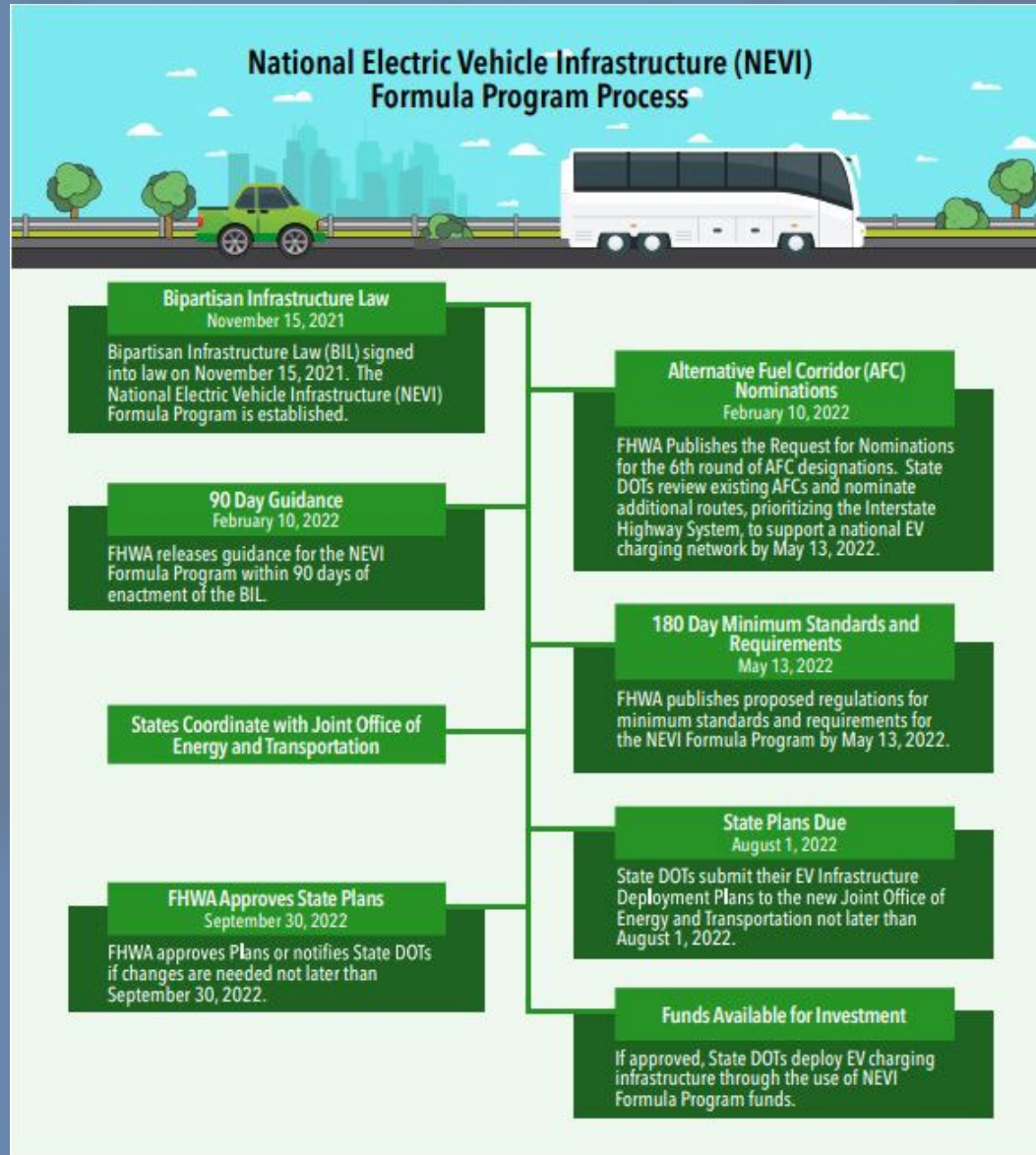
Plans are required to have a yearly update

Mississippi Funding for 5-year National Electric Vehicle Infrastructure (NEVI)

Mississippi's allocation
\$50,557,563

- Program is contingent upon the submittal of the State's EV Deployment Plan by August 1st, 2022
- Funding is allocated over 5 years
- The Federal cost-share for NEVI Formula Program is 80%
- For more information on the apportionment of FY 2022 Highway Infrastructure Program Funds for the NEVI Formula Program Pursuant to the IIJA visit: https://www.fhwa.dot.gov/bipartisan-infrastructure-law/evs_5year_nevi_funding_by_state.cfm

NEVI Formula Program Timeline



AFC Corridor Nominations

Background

- Previous 5 nominations rounds FHWA limited eligibility of alternative fuel corridors (AFC) roadways to Interstates
- Alternative Fuel Corridors (AFC) include:
 - Electric Vehicle (EV) charging
 - Hydrogen, Propane, and Natural Gas (liquefied or compressed) Fueling

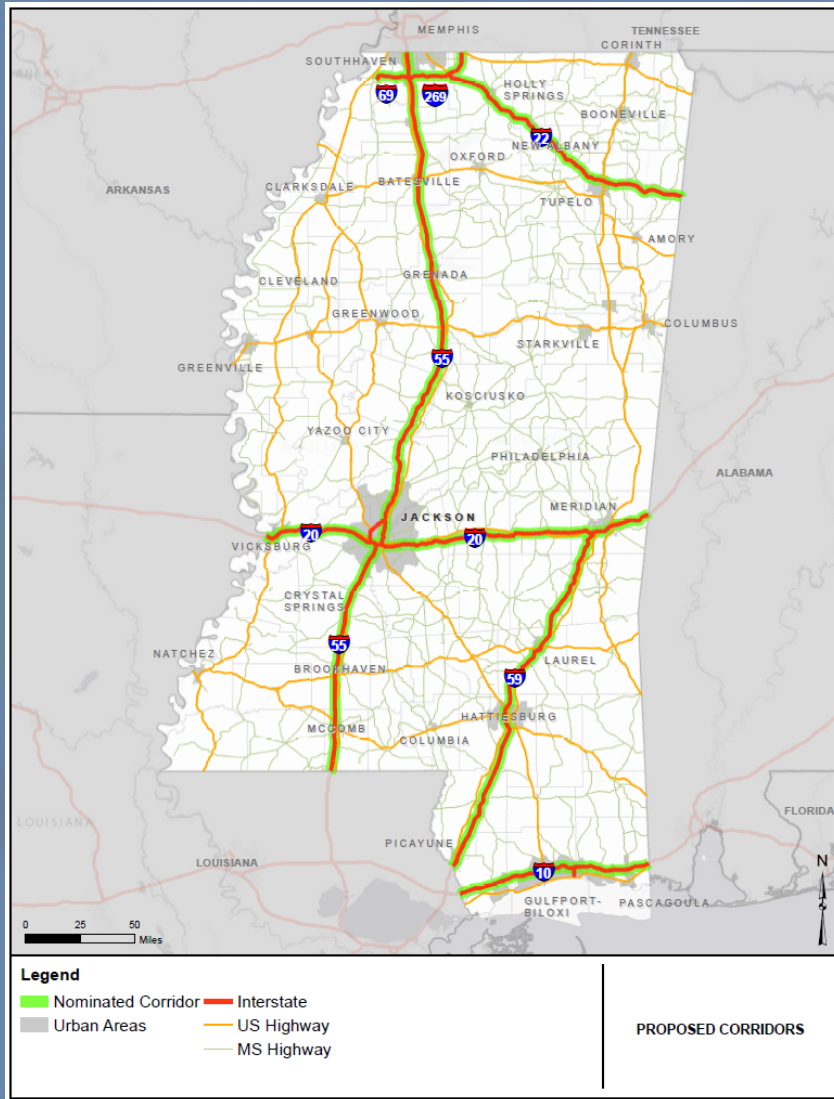
Current Nominations

- 6th Round of AFC Nominations were due May 13th, 2022
- Round 6, 2022 corridor designation cycle, future nominations may include any National Highway System (NHS) route
- FHWA encourages State's and local officials to nominate roadways for the national AFC
 - Interstates (Priority)
 - National Highway System (NHS) routes



Current Nationwide EV Corridor Network

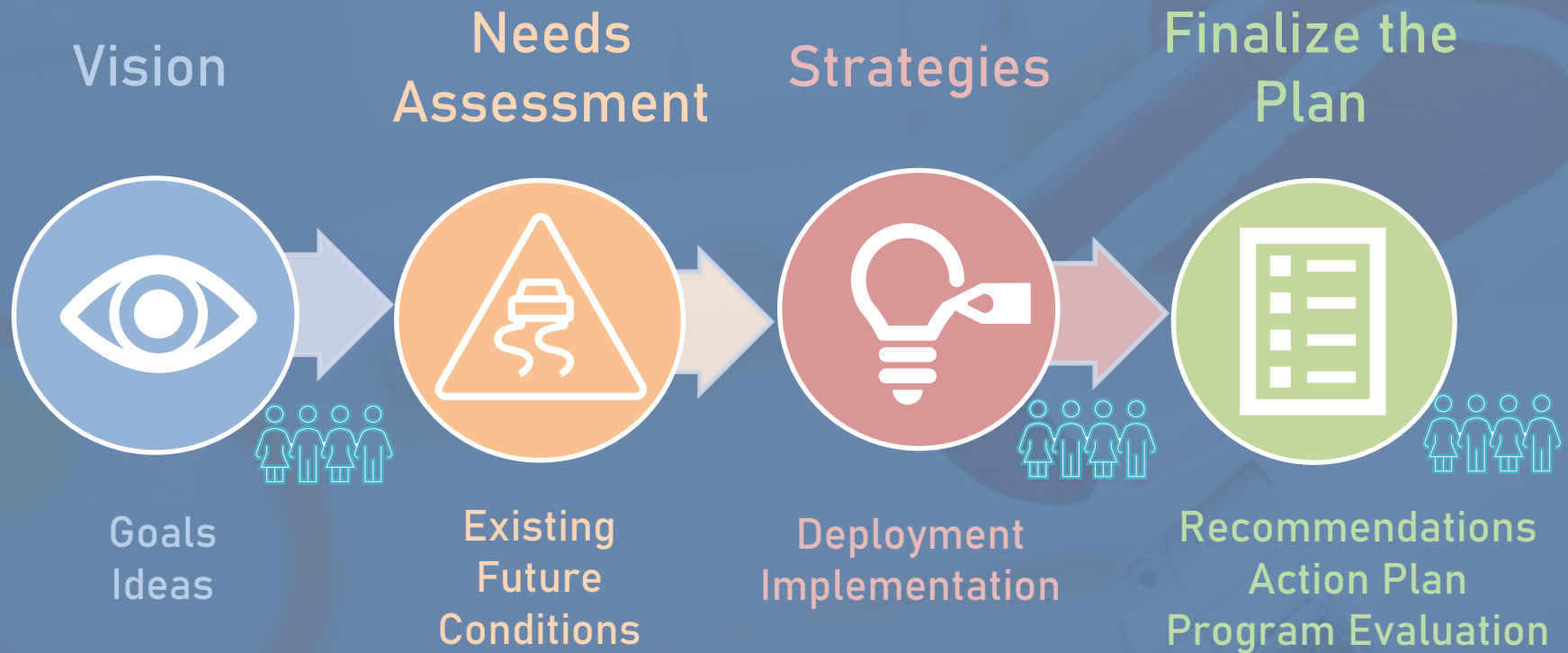
MS - EV Corridor Nominations - Rnd 6



All Connecting Interstates

- I-55
- I-10
- I-59
- I-69
- I-20
- I-22
- I-269
- I-220 (Not Included)
- I-110 (Not Included)

EV Deployment Plan Process



Public and/or Stakeholder input to ensure plan is inclusive, equitable, and meeting the state and local needs to the best ability

Meeting NEVI Needs



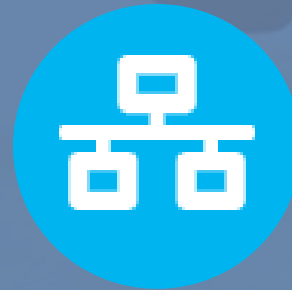
EV charging infrastructure is installed every 50 miles along the State's portions of the Interstate Highway System within 1 travel mile of the Interstate or highway, unless a discretionary exception has been granted



Any EV charging infrastructure acquired or installed with NEVI Formula Program funds shall be located along a designated Alternative Fuel Corridor (AFC). States should prioritize designating Interstates.



EV charging infrastructure includes at least four 150kW Direct Current (DC) Fast Chargers with Combined Charging System (CCS) ports capable of simultaneously DC charging four EVs. A corridor ready corridor is defined as having a minimum of two stations.



The NEVI Formula Program will emphasize equity considerations at its to develop a convenient, reliable, affordable, and equitable charging experience for all users. To ensure an accessible EV network, state agency coordination, stakeholder outreach, and public engagement is necessary.

Current and Future Status

Current

- MPO coordination
- State and Local public agency coordination
- Plan initiation in progress – Initiated early May
- AFC – EV Corridor nominations of all major interstates submitted May 13th
- Website launched Mid-May
 - https://mdot.ms.gov/portal/electric_vehicle_charging_infrastructure
 - Online Public Survey launched Mid-May

Future

- Submit MS EV Deployment Plan – August 1st
- Continue MPO coordination
- Continue State and Local public agency coordination
- Update and Evaluate plan yearly

Input



<https://driveelectric.gov/>