

NDOT Update on NEVI

National Electric Vehicle Infrastructure (NEVI) Program



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Agenda

Introductions

What is NEVI?

Review of Years 1 and 2

Status of Year 3

Get Involved

— Introductions



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What is NEVI?

- National Electric Vehicle Infrastructure (NEVI) Formula Program
 - Infrastructure and Investment Jobs Act (IIJA)
- Directs \$7.5B primarily toward EV charging
- Focuses on creating a national network of charging infrastructure
- NDOT must submit plans to the DOT and the DOE Joint Office for funding

| \$ NEVI Funding | |
|-----------------|---------------------|
| FY22 | \$5,618,414 |
| FY23 | \$8,084,961 |
| FY24 | \$8,085,017 |
| FY25 | \$8,085,024 |
| FY26 | \$8,085,041 |
| Total | \$37,958,457 |

**Federal match up to 80%*

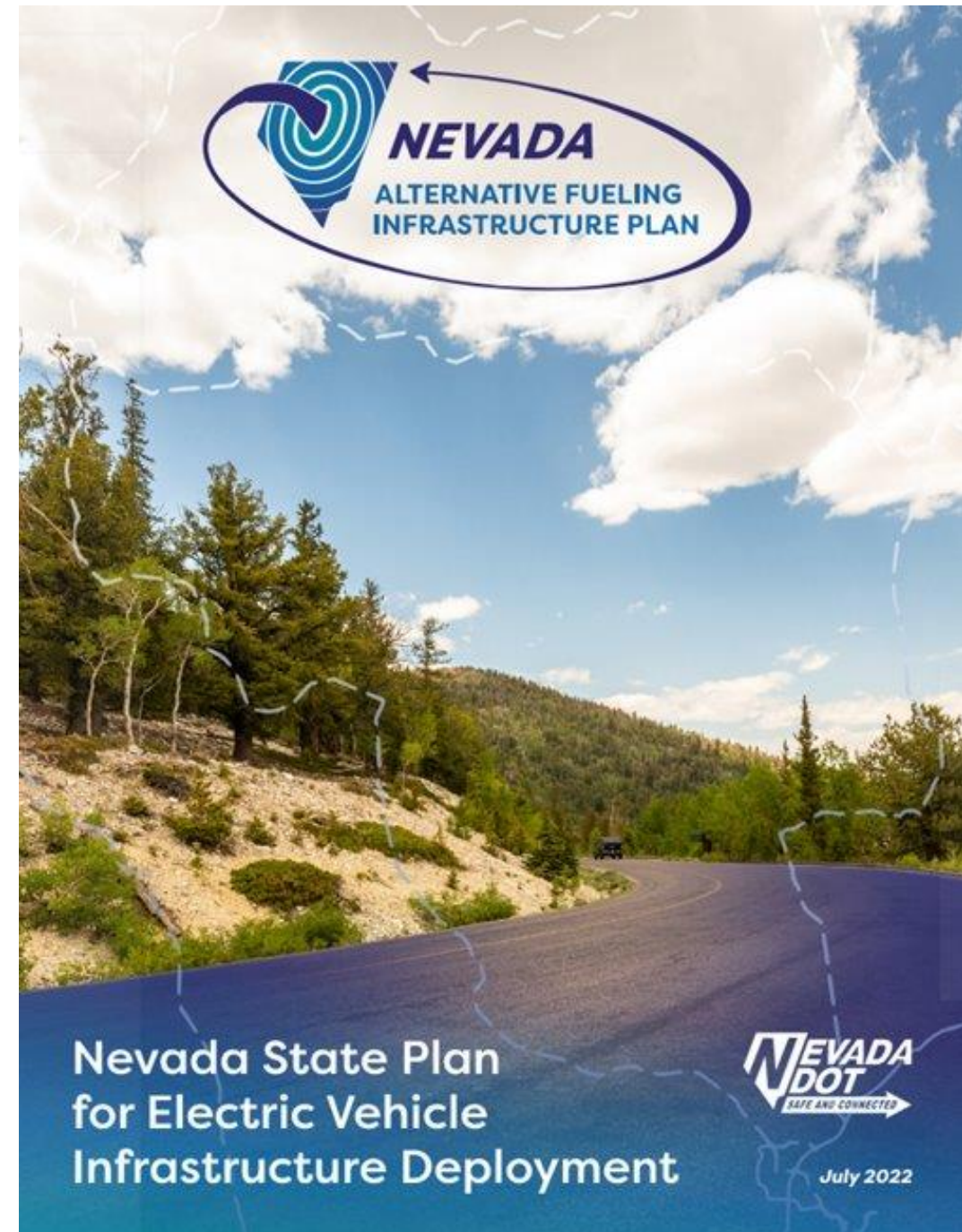
NEVI Plan Key Elements

EV Charger Deployment
Implementation
Equity
Civil Rights
Physical and Cyber Security
State Agency Coordination
Program Evaluation
Public Engagement
Labor and Workforce
Existing and Future Conditions

| Chargers | |
|---------------------------|--|
| 1 mile from the highway | |
| 50 miles between stations | |
| Only DC fast chargers | |
| Four EVSE Ports | |
| CCS | |
| Power > 150 kW | |

Review of Years 1 and 2

- Year 1 focused on establishing goals and creating a preliminary plan.
- Year 2 focused on how to implement the program through agreements and partnerships.
- Stakeholder engagement
 - NV Energy ERTEP
 - Governor's Office of Energy
 - Washoe and Clark Counties & City of Las Vegas
 - RTC of Washoe and Southern Nevada
 - Many others

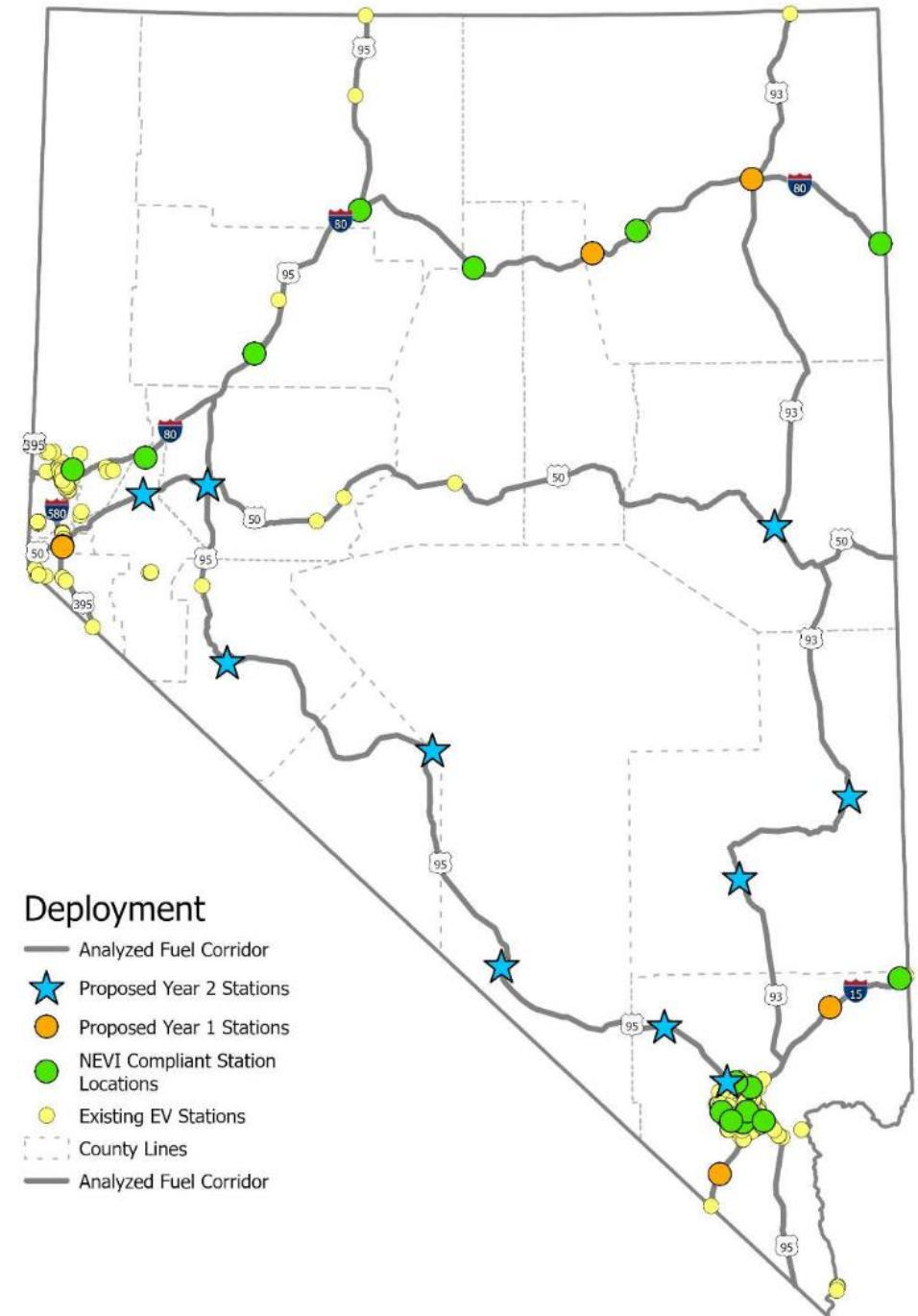


Review of Years 1 and 2 ~ Site Criteria

| Category | Description | Source Layer | Weight |
|---|---|---|--------|
| Connectivity Node | Sites located at the intersection of two major highways received the highest score. Sites located at the intersection of a major and minor highway received the median score. Sites not located at an intersection of highways received the lowest score. | NDOT GeoHub | 15% |
| Commercial Density | Sites with a high amount of adjacent commercial locations (hotels, restaurants, public restrooms, etc.) within a 1-mile buffer received higher scores. Sites with a low amount received lower scores. | Open Street Map | 21% |
| Existing Fuel Station Density | Sites with a high amount of adjacent gas stations within a 1-mile buffer received higher scores. Sites a low amount received lower scores. | Open Street Map (modified & validated by Jacobs) | 10% |
| Existing Alternative Fuel Station Proximity | Sites further from existing EV charging infrastructure received higher scores. Sites closer to existing EV charging infrastructure received lower scores. | Alternative Fuels Data Center | 10% |
| Traffic Volume | Sites with high adjacent traffic volumes received higher scores. Sites with low adjacent volumes received lower scores. | Streetlight InSight | 26% |
| Disadvantaged Community | Sites located within a Justice40 identified disadvantaged community received a score. Sites not within a disadvantaged community received no score. | Justice 40 | 5% |
| Trip End Percentage | A ratio of vehicles stopping within a 1-mile buffer of the site location vs the number of vehicles passing through the 1-mile buffer was calculated. Sites with a high ratio of stopping vehicles received higher scores. Sites with a low ratio received lower scores. | Streetlight InSight | 13% |

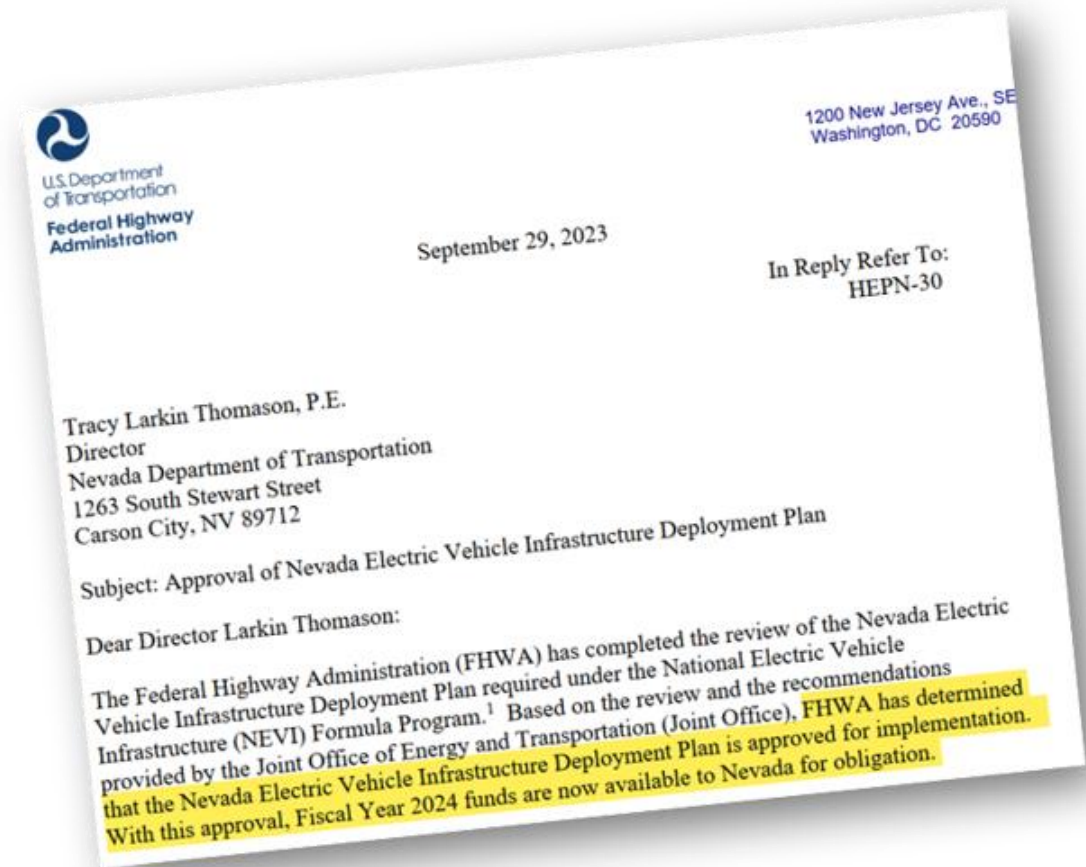
Review of Years 1 and 2

- Approved 2 new stations in collaboration with NV Energy's Transportation Electrification Programs
 - Carson City - compliant station built in 2022 outside of NEVI program
 - Primm - NVE working with a potential site host
- Approved upgrades at 3 existing rural stations to meet "Fully Built Out" status on interstates
 - Moapa – continuing coordination with site host
 - Wells/Carlin – continuing coordination with Wells Rural Electric
- Evaluated remaining Alternative Fuel Corridors (AFCs) to identify other potential sites



Status of Year 3

- Continue collaboration with key stakeholders to coordinate EV implementation in Nevada, including rural counties
- Make NEVI funds available to private partners through grant opportunities
- Design and construction of NEVI charging stations
- Implementation strategy and processes
 - Industry Outreach
 - Data collection and reporting
 - Justice 40 Tracking
 - Funding reporting
- Reevaluate existing stations and submit annual plan update



Get Involved!

<https://www.dot.nv.gov/mobility/alternative-fueling-infrastructure-plan>

- Provide input on station locations
- Sign up for NDOT's NEVI Program Partnering Directory
 - NDOT is compiling a list of partners that includes prospective applicants, hosting communities, and other relevant stakeholders who express their desire to install, own, operate, and maintain electric vehicle supply equipment (EVSE) in their respective communities.
- Keep an eye out for events
- Follow @nevadadot on Twitter for updates!

Questions?

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