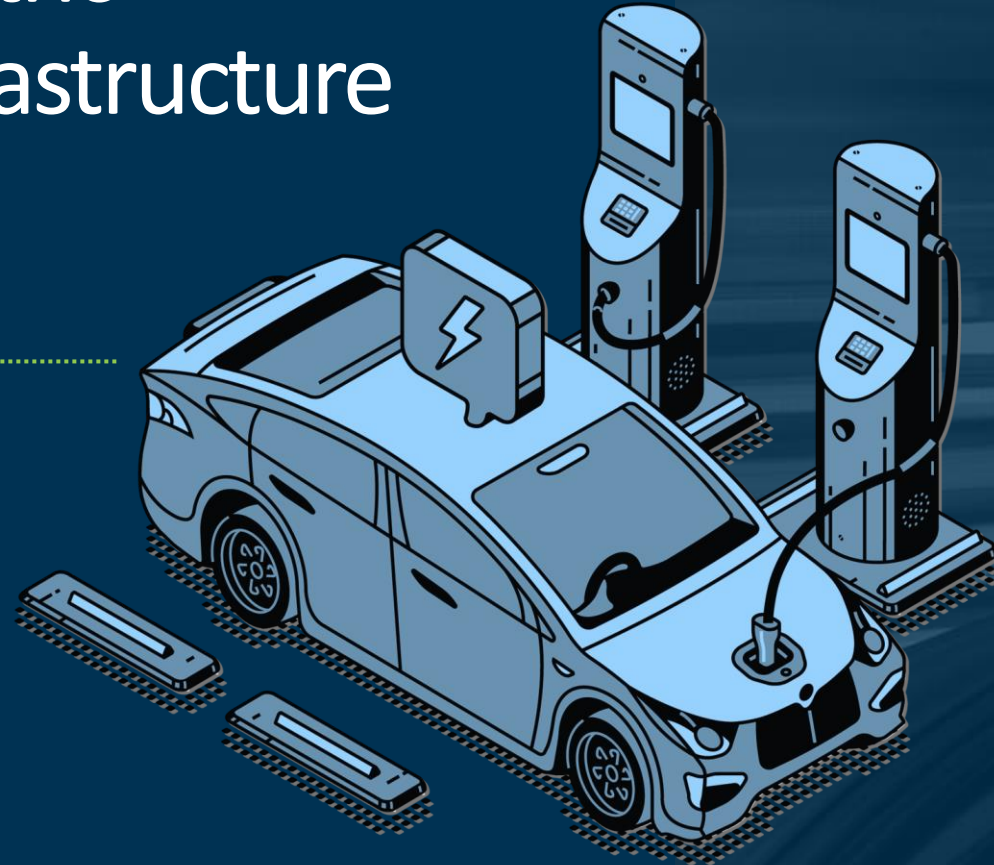


INDOT Electric Vehicle Infrastructure Plan



Where we are

- **2020**
 - INDOT Partners with Purdue to study EVs in Indiana
- **2021**
 - Bipartisan Infrastructure Law Passed
- **2022**
 - February – Initial Federal NEVI Guidance provided
 - March to July – State planning process
 - **August 1 – State plans due to FHWA**
 - **September 26 – Indiana Plan Approved**
 - Early adopters initiate procurement
 - INDOT program manager procurement and selection
- **2023**
 - Ongoing: coordination with VW Fast Charging Project
 - **February 15 – Final Federal NEVI Rules and Buy America Waiver language released**
 - **Summer: INDOT NEVI Procurement anticipated**

Indiana Alternative Fuel Corridors



- Designated AFCs:
 - All interstates
 - US 31
- Round 6 nominations:
 - I-469
 - I-265
- Round 7 (2023):
 - US 30
 - Others? TBD



NEVI Program Overview



- Source: 2021 Bipartisan Infrastructure Law (BIL)
- Goal: create nationwide network of 500,000 EV chargers by 2030
 - *Initial funding is directed to **Alternative Fuel Corridors (AFC)***
 - *Establish minimum standards for EV chargers within 180 days of enactment*
 - *Compliance with the Justice40 Initiative*
- Funding:
 - \$7.5B (\$5B formula, \$2.5B discretionary) over 5 years
 - Indiana = \$99,605,738
- Schedule:
 - Round 6 AFC nominations due May 13, 2022
 - State plans due August 1, 2022
 - Federal Highway Administration (FHWA) approves by September 30, 2022



NEVI Process



- NPRM and initial guidance – February 2022
- Draft rulemaking and NPRM – June to September 2022
- State plans approved – September 2022
- Final rulemaking and Buy America waiver – February 2023



NEVI – Key Requirements

- EV charging infrastructure must be located every 50 miles along State's interstate highway system, within 1 mile of the Interstate
- EV charging infrastructure must include at least four 150KW Direct Current (DC) Fast Chargers
- Rest areas are not eligible locations
- States are allowed to contract with private entities for installation, operations and maintenance



Discretionary Exceptions

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- Fewer than 4 ports/plugs may suffice at a proposed location given the current and projected future demand.
- A combination of individual stations within proximity may satisfy the station requirement of 4 ports of 150 kW each.
- A station or combination of stations may satisfy operational requirements but are located more than 50 miles apart
- A station or combination of stations may satisfy operational requirements but are located more than 1 mile from the AFC.



Resources

■ Indiana resources:

- Indiana NEVI Program Web page: <https://www.in.gov/indot/current-programs/innovative-programs/electric-vehicle-charging-infrastructure-network/>
- Email: evchargingRFI@indot.in.gov

■ Federal Resources:

- Final Rule: https://www.fhwa.dot.gov/environment/nevi/resources/ev_charging_min_std_rule_fr.pdf
- Final Rule Fact Sheet: <https://www.whitehouse.gov/briefing-room/statements-releases/2023/02/15/fact-sheet-biden-harris-administration-announces-new-standards-and-major-progress-for-a-made-in-america-national-network-of-electric-vehicle-chargers/>
- Buy America Waiver: https://www.fhwa.dot.gov/construction/cqit/buyam/BuyAmerica_FederalRegister.pdf

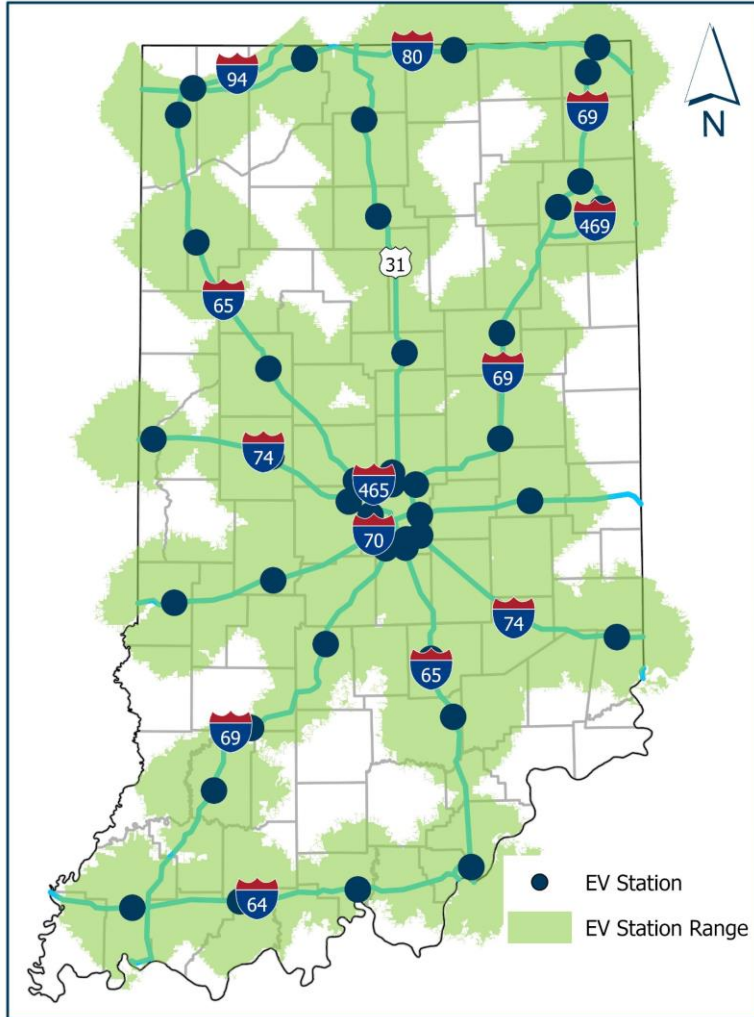
Performance Measures

Performance Measure	Target
Percent of Alternative Fuel Corridors miles that are within 50 miles of a charging station	100%
Percent of Indiana's population that is within X miles of a charging station	100%
Number of sites implemented	44
Number of ports implemented	176
Percent of time at least one port is available at all sites	TBD

Preliminary Charging Infrastructure

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- Preliminary charging locations are shown in blue with light green service areas
- Service area shapes represent a 25-mile range
- Overlapping service areas along the EV corridors demonstrate the AFC meets the NEVI criteria
- 44 Preliminary EV charging locations

DRAFT



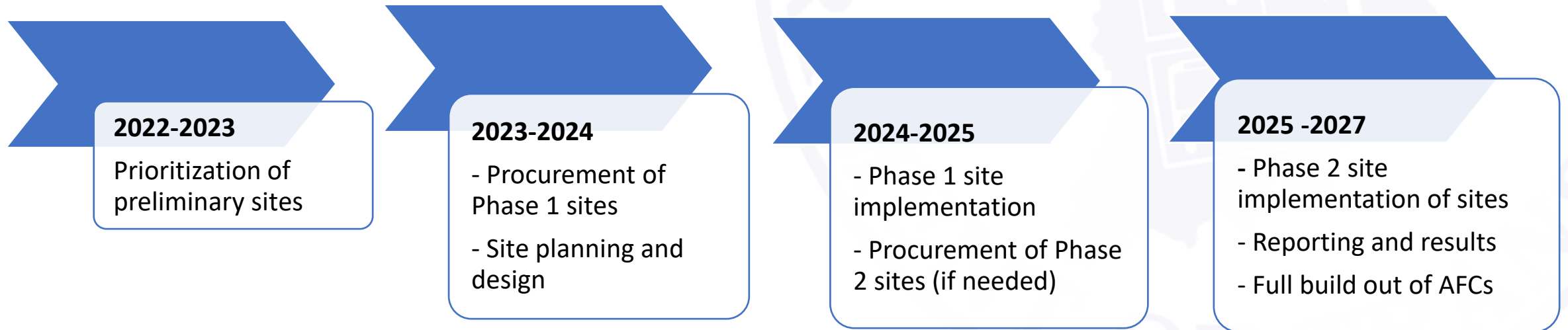
Contracting Overview



- Competitive process

- Requirements:

- 20% match
- INDOT will not operate or maintain
- 5-year minimum O&M



Engagement During Plan Development

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- Request for Information (4/29/22)
- AFC nominations (5/2/22)
- Virtual open house (5/11/22)
 - Slides: https://www.in.gov/indot/files/INDOT-NEVI-Virtual-Open-House_Final_V2.pdf
- Public Survey (5/27/22):
 - Over 2,200 responses received. Summary of responses on INDOT NEVI Website.
- Utility questionnaire (INDOT and OED) (6/8/22)
- In person meetings:
 - 6/2/22: Northern Indiana
 - 6/9/22: Central Indiana
 - 6/14/22: Southern Indiana
- One on one meetings (March - August 2022) – over 70 held
- Virtual public walkthrough of draft plan (7/13/22)



Engagement During Implementation

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Workforce Development

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- Collaborations/partnerships with local organizations with workforce development programs
 - IBEW chapters
 - Ivy Tech
- EV Product Commission
 - First Report Released September 2022



Electric Vehicle Product Commission Tasking Report

Opportunities for the Hoosier Automotive Supply Chain and Talent
September 30, 2022



Near-Term Implementation Activities



Management

- Schedule development and concurrence
- Communication protocols
- Communications tools (Microsoft Teams)
- Risk register



Site Prioritization

- Power availability
- VW alignment
- Prioritization criteria
- Web-based maps



Engagement

- PIMA
- Brand development
- Vendor registry
- Design and launch website
- Launch social media channels



Procurement

- Methodology options
- Delivery alternatives
- Procurement workshop
- Draft RFP



Equity

- Create equity strategy
- Build equity dashboard
- Identify key stakeholders
- Identify key demographics in disadvantaged communities



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