



INDOT Electric Vehicle Infrastructure Program

Preparing for the Request for Proposal (RFP)

May 23, 2023



Introductions

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AGENDA

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- NEVI Program Overview and Key Requirements
- Indiana's EV Implementation Plan
 - Location of Candidate Sites
 - Indiana's Implementation Timeline
- RFP Overview
- Question and Answer



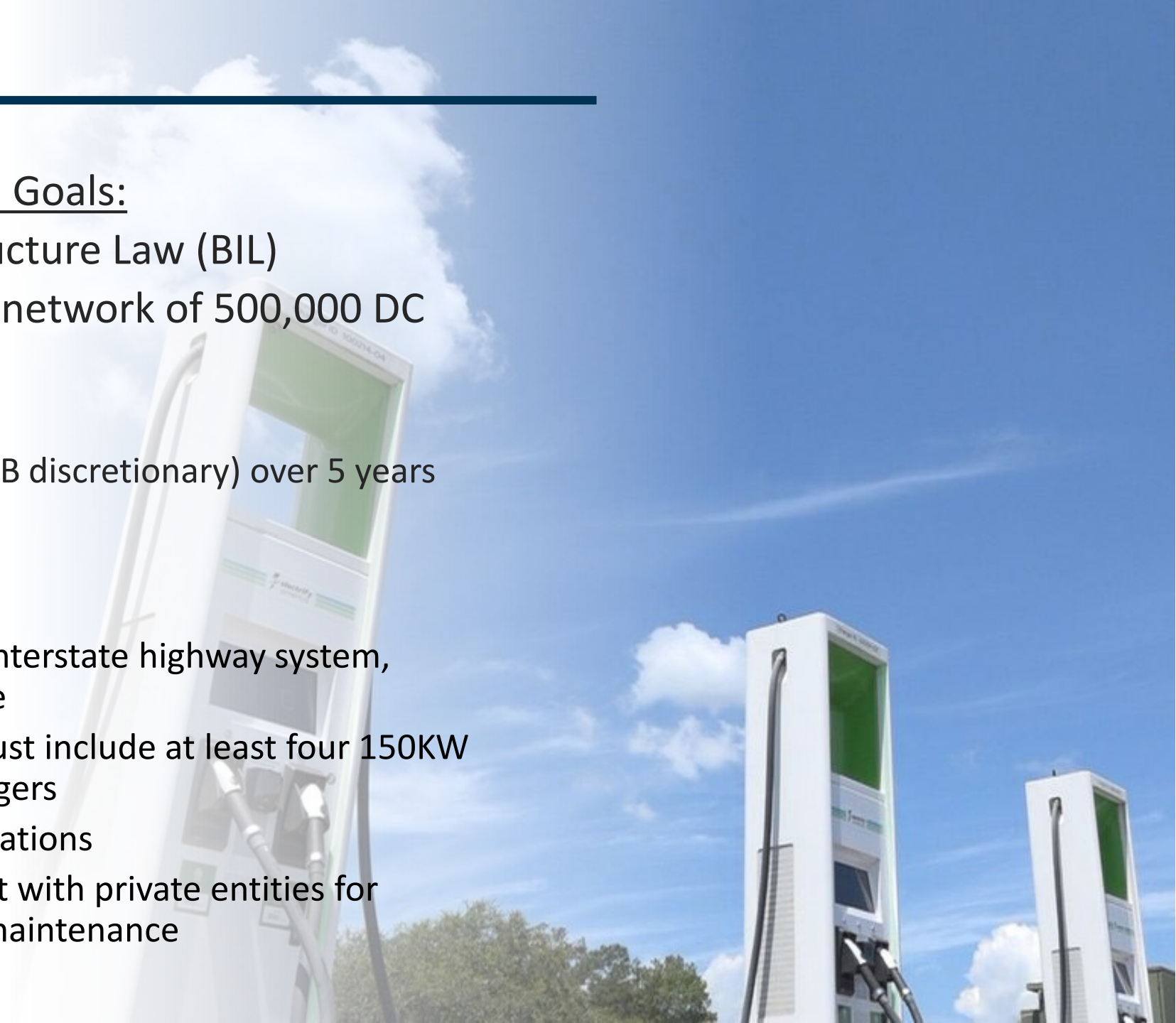
NEVI Program and Key Requirements

INDOT Electric Vehicle Infrastructure Plan



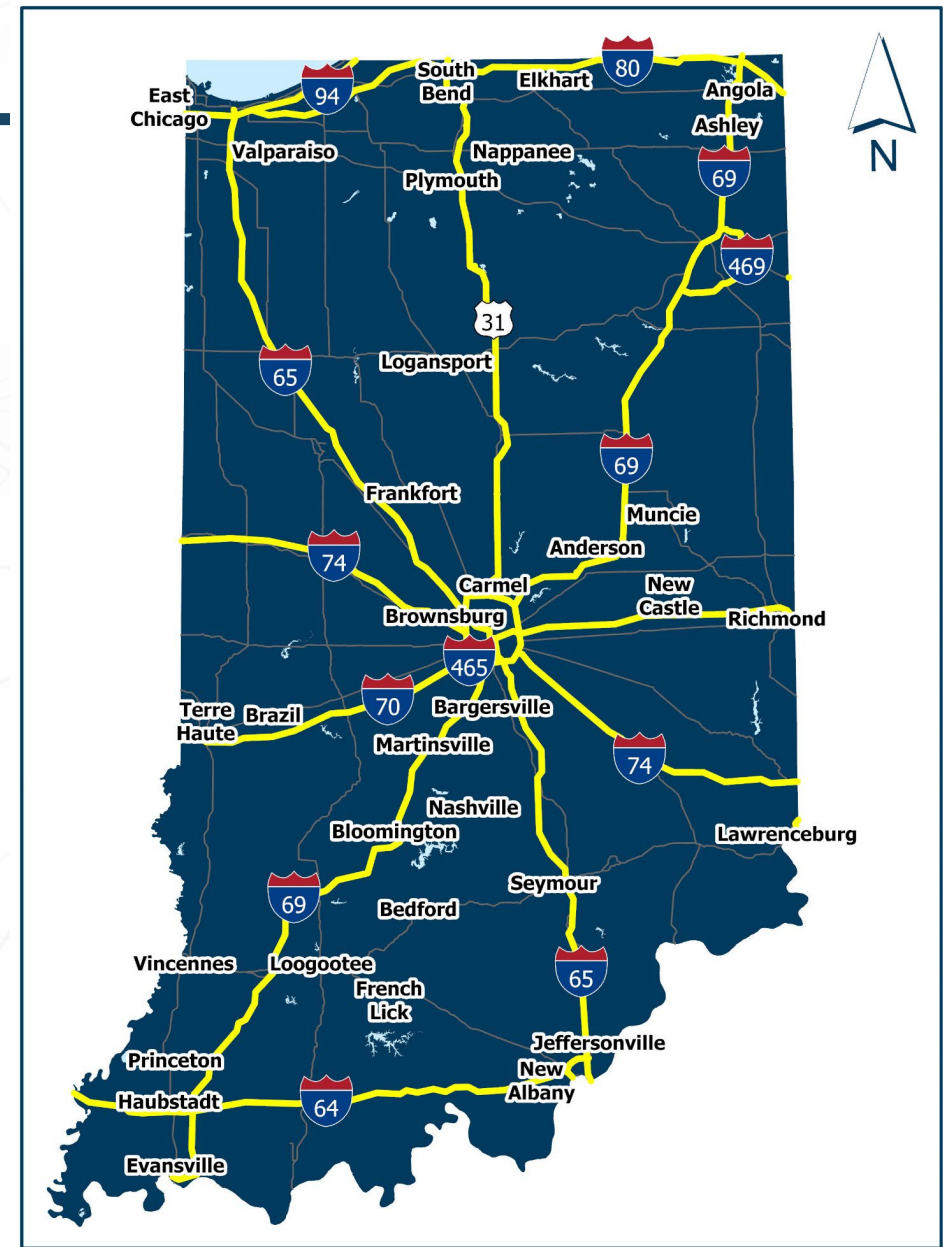
Key Requirements

- NEVI Program Overview and Goals:
 - 2021 Bipartisan Infrastructure Law (BIL)
 - Goal: create nationwide network of 500,000 DC Fast chargers by 2030
 - Funding:
 - \$7.5B (\$5B formula, \$2.5B discretionary) over 5 years
 - **Indiana = \$99,605,738**
- Key Requirements:
 - 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



Indiana Alternative Fuel Corridors

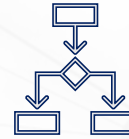
- Designated AFCs:
 - All interstates
 - US 31
- Round 6 nominations:
 - I-469
 - I-265
- Round 7 (DUE JUNE 21):
 - US 30
 - Others being evaluated



INDOT's Implementation Approach



INDOT will not own or operate the EV chargers



Enable competitive, quals based selection of proposers



Multiple sites selected through one or more competitive procurement(s)



Prioritize sites that are ready



Provide industry a clear, competitive, replicable process



80% Funding from NEVI
20% Funding from Applicant



Indiana EV Implementation Plan: <https://www.in.gov/indot/current-programs/innovative-programs/electric-vehicle-charging-infrastructure-network/>

Indiana's EV Charging Implementation Approach

INDOT Electric Vehicle Infrastructure Plan



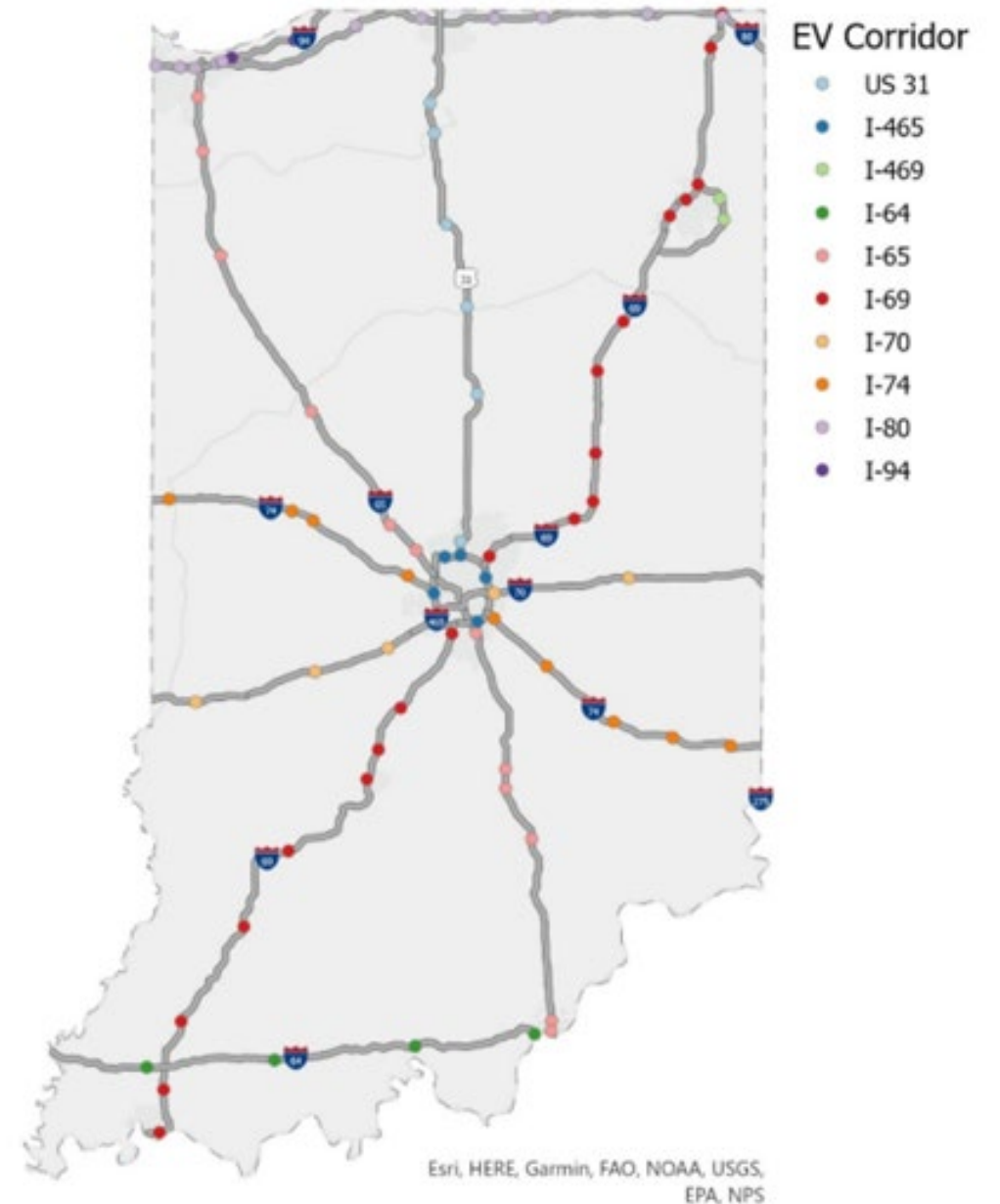
Indiana Candidate Sites

- US 31 – 6 locations
- I-465 – 5 locations
- I-469 – 2 locations
- I-64 – 4 locations
- I-65 – 12 locations
- I-69 – 20 locations
- I-70 – 5 locations
- I-74 – 9 locations
- I-80 – 15 locations
- I-94 – 2 locations

*10 Corridors

* 80 Sites

* 44 required to fill the 50-mile gaps



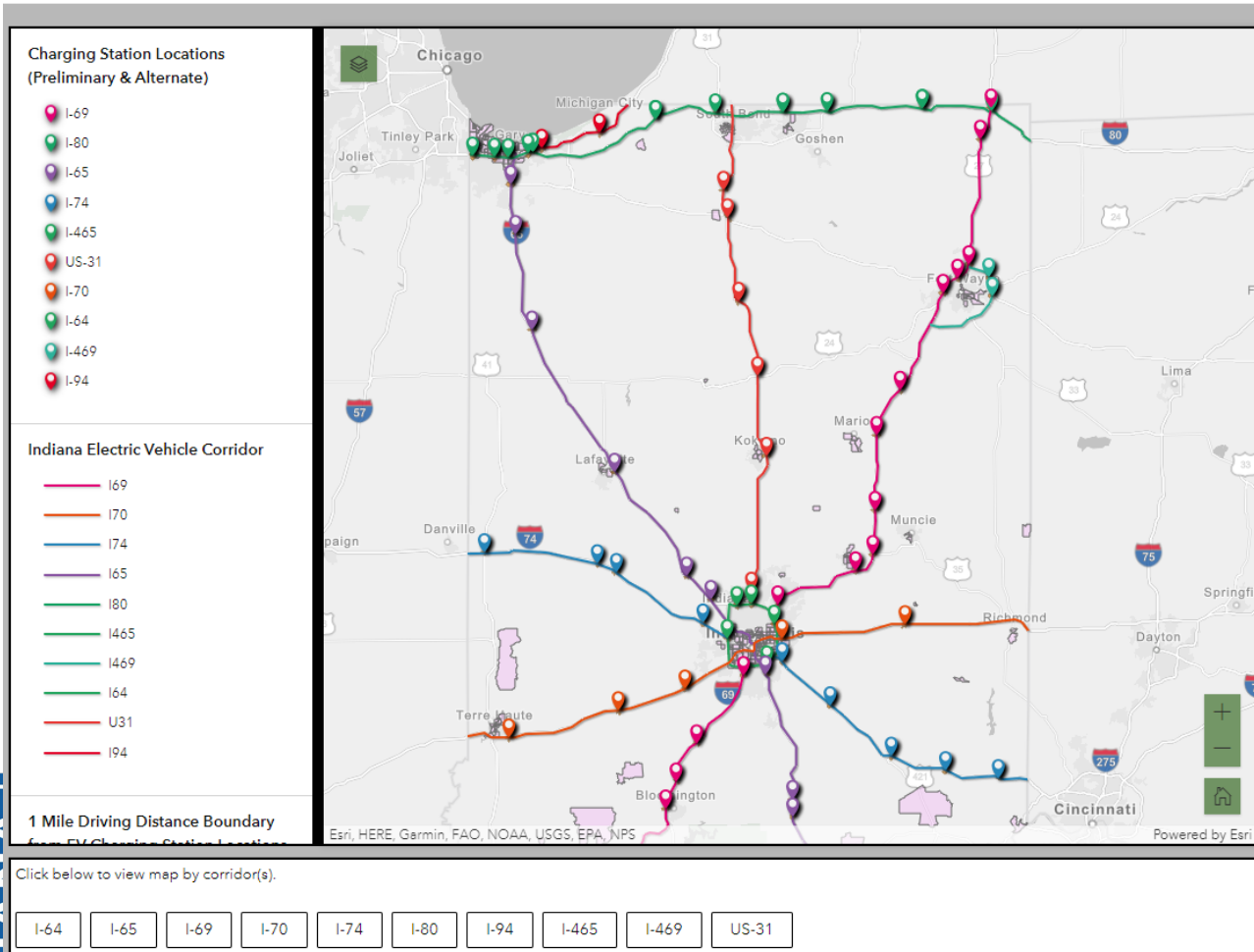
Public comments by site



INDOT NEVI Electric Vehicle Infrastructure Plan



Public Feedback
NEVI Registry



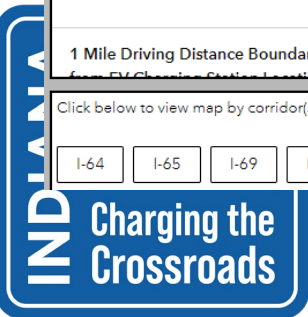
Buttons for navigation and feedback:

- About INDOT-NEVI
- Tutorial
- General Feedback
- INDOT NEVI Registry

Select a pin on the map to learn more and provide your feedback.

Links and instructions for public feedback:

- <https://www.in.gov/indot/current-programs/innovative-programs/electric-vehicle-charging-infrastructure-network/>
- “Deployment Plan and Maps” -> “Interactive Map”**
- <https://experience.arcgis.com/experience/20dc3f35bc0642458e5cf31deb2aa8ab/?views=Splash-2---background>



INDOT NEVI Survey

Name*

Email Address*

Phone Number

Add Company Name (Optional)

Please select type of stakeholder*

EVSE Vendor

Utility Provider

Private Site Host

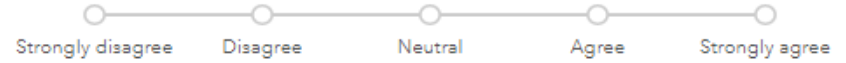
Public Site Host

City/Municipality

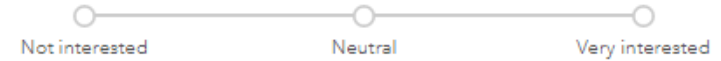
MPO

Other

Please indicate favorability of this interchange*



Please indicate interest in this interchange*



General comment

Please leave your comments about this location.

1000

Please check here if you are willing to publicly share your information with other interested parties.

The information shared in the survey above will be included in a publicly accessible document. This will build a vendor registry that encourages networking and collaboration to help facilitate EV infrastructure projects funded under the NEVI program. The registry is a living document that can be used to connect with interested parties ahead of a request for proposal (RFP).

Check to share information

Submit

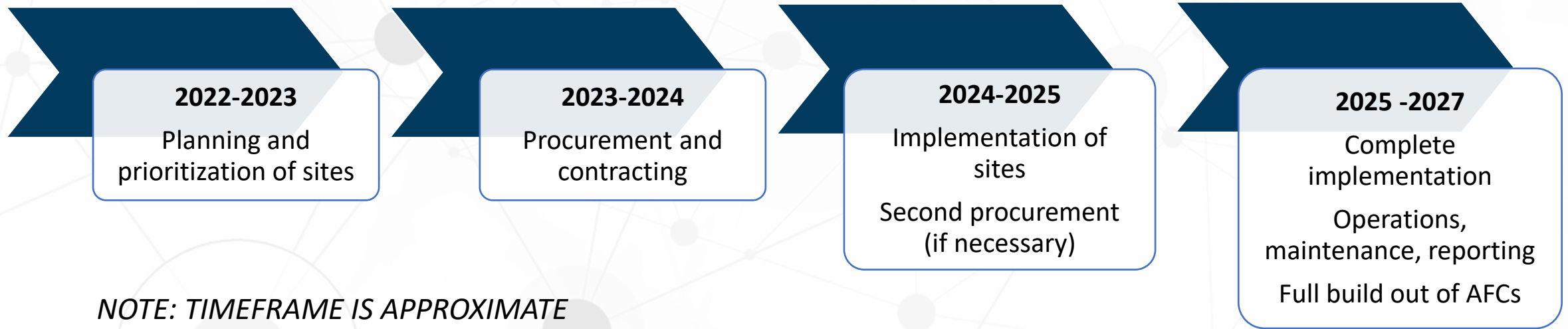


Indiana's Implementation Timeline

INDOT Electric Vehicle Infrastructure Plan



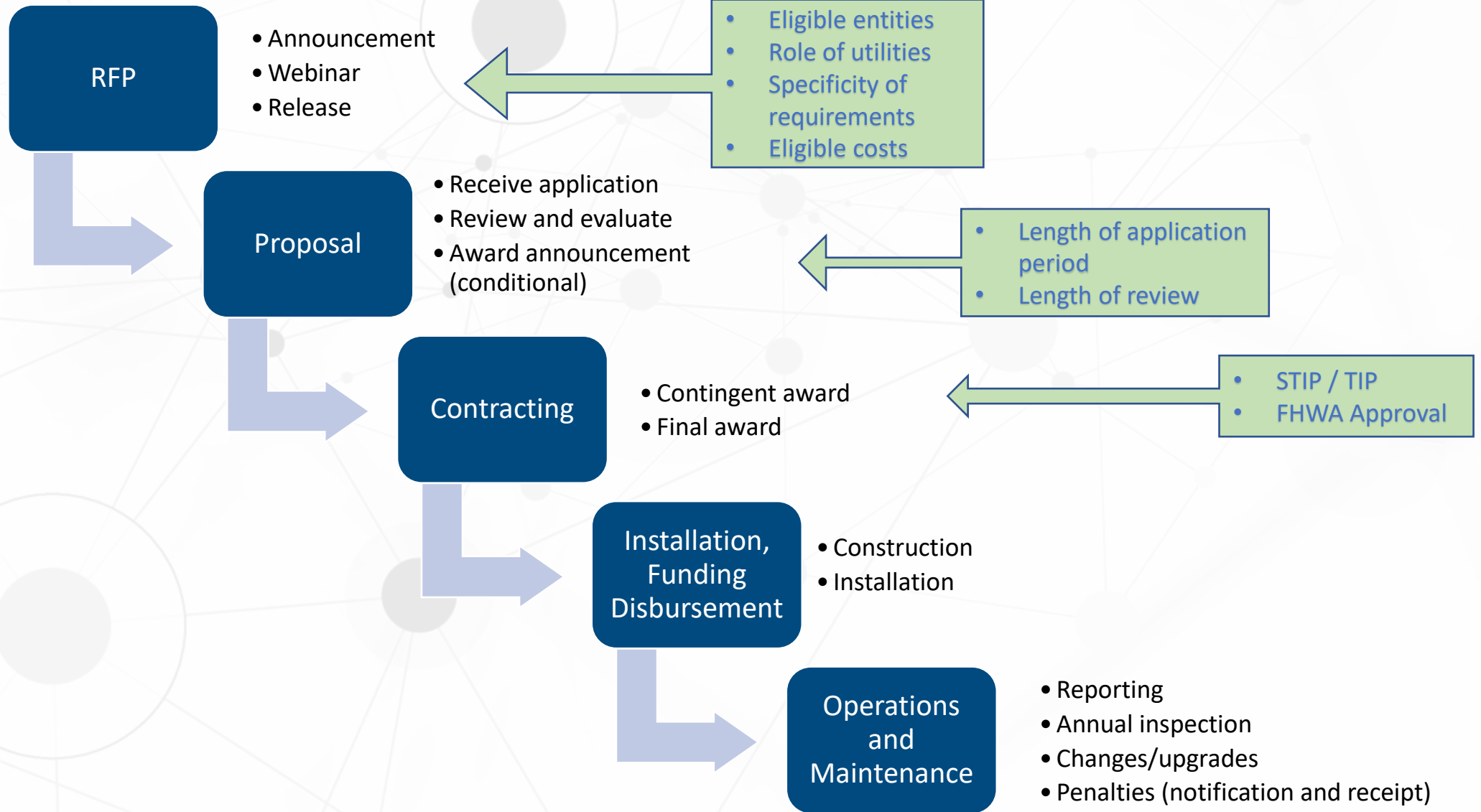
Implementation Timeframe



NOTE: TIMEFRAME IS APPROXIMATE



Process: Inputs and Milestones



INDOT Procurement Goals

- Multiple awards
- Procure as many sites as possible
 - Achieve full build out of currently approved AFCs
- Qualifications-based selection

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RFP Overview

INDOT Electric Vehicle Infrastructure Plan



Key Dates

Milestone/Activity	Date
RFP for Public Comment	June 1, 2023
Comments due	June 16, 2023
Pre-proposal webinar	June 20, 2023
RFP release	July 7, 2023
Proposals due	Late August 2023
Selection	November 2023
Contingent award	December 2023
Final award	TBD



Proposal Format



■ Part A: Administrative:

- Checklist
- Compliance with minimum NEVI program requirements
- INDOT prequalification
- Financial viability



Pass/Fail

One per proposer

■ Part B: Experience:

- Experience
- Qualifications
- Technical approach
- Cost information

250 Points Possible

One per proposer

■ Part C: Site Proposal:

- Site information
- Site schematic
- Site readiness
- Future proofing
- Equity, workforce and economic development

250 Points Possible

One per site

Items above minimum requirements are considered commitments



RFP Attachments

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- Site list and map
- Minimum NEVI requirements and EVSE specifications
- Proposal Template:
 - Part A
 - Part B
 - Part C
- Prequalification information
- Scoring rubric detail
- Utility form and contact information
- Draft contract terms and conditions



Evaluation Criteria

Part	Title	Contents	Points
A	Administrative	Checklist	Y/N
		Minimum NEVI requirements	Pass/Fail
		Prequalification	Y/N
		Financial Viability	Pass/Fail
	Administrative Subtotal		Pass/Fail
B	Experience	Experience (past EVSE projects)	75
		Qualifications (list firms, role, key staff)	75
		Project Approach	75
		Project Cost Information	25
	Experience Subtotal		250
C	Site Proposal	Site Information	70
		Site Schematic	20
		Site Readiness	60
		Future Proofing	40
		Equity, Workforce and Economic Development	60
	Site Proposal Subtotal		250
TOTAL POINTS POSSIBLE			500

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Defining the role of utilities



Applicants need to understand **power availability, timing for installation, and installation costs** to prepare applications



Possible large workload to respond to requests



Collaborate to streamline this process



Multiple requests for site



Only one selection per site



Options for Utility Provider Participation

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- Low-level Participation
 - Provide information about a site's:
 - Available power
 - Necessary service upgrades
 - Estimated installation costs
- Mid-level Participation
 - Serve as a project partner
 - Coordinate with teams submitting to RFP for site assessments and EVSE placement
- High-level participation
 - Submit a response to the RFP
 - Serve as owner and operator of site(s)
 - Provide match funding (20%)



Utility Information Form for RFP

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Utility Request Form will establish communication between proposers and the utilities

Form includes basic information from proposers so utilities can determine if proposed sites/energy demands are viable

Successful proposers will have future engagement with utilities



Selection Process

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- Initial Selection: Part A
- Technical Evaluation: Parts B and C
- Final Selection: Sites and Estimated cost
 - Number and location of site(s)
 - Estimated per site and per project cost



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Award Process and Project Milestones

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1

Contingent Award

- Final number of sites
- Final site design
- Estimated project cost
- Final site host agreement

2

Final Award

- NEPA
- Site permits
- Utility coordination
- Final project cost

3

Construction

- Commissioning complete
- Site verification

4

Operations and Maintenance

- Quarterly payments
- Performance audit

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Reimbursement



* Direct and indirect cost allocation for reimbursement must follow 2 CFR part 200.

Category	ELIGIBLE	INELIGIBLE
Capital	<ul style="list-style-type: none"> - New and upgraded EVSE and associated components - Minor grid upgrades - Construction, site survey and inspection - Signage at and leading to the site 	<ul style="list-style-type: none"> - Purchase or rental of real estate - Major grid upgrades - Construction or maintenance of building / parking facilities
Operations and Maintenance	<ul style="list-style-type: none"> - <i>Hardware and software maintenance and repairs (routine and unscheduled)</i> - <i>Warranty (regular and extended)</i> 	<ul style="list-style-type: none"> - <i>Electricity</i> - Insurance - Customer support
Networking and communications	<ul style="list-style-type: none"> - Charger communication and data reporting 	
Miscellaneous	<ul style="list-style-type: none"> - <i>EVITP training for installation, operations and maintenance staff</i> - <i>Additional site amenities beyond minimum</i> - <i>Renewable energy technology</i> 	<ul style="list-style-type: none"> - Any costs unrelated to the EV charging stations - Any cost incurred prior to contingent award

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Questions

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Thank you!

