



# Rhode Island's Plan for an EV Charging Infrastructure

Stakeholder Kick-off Meeting – June 2022



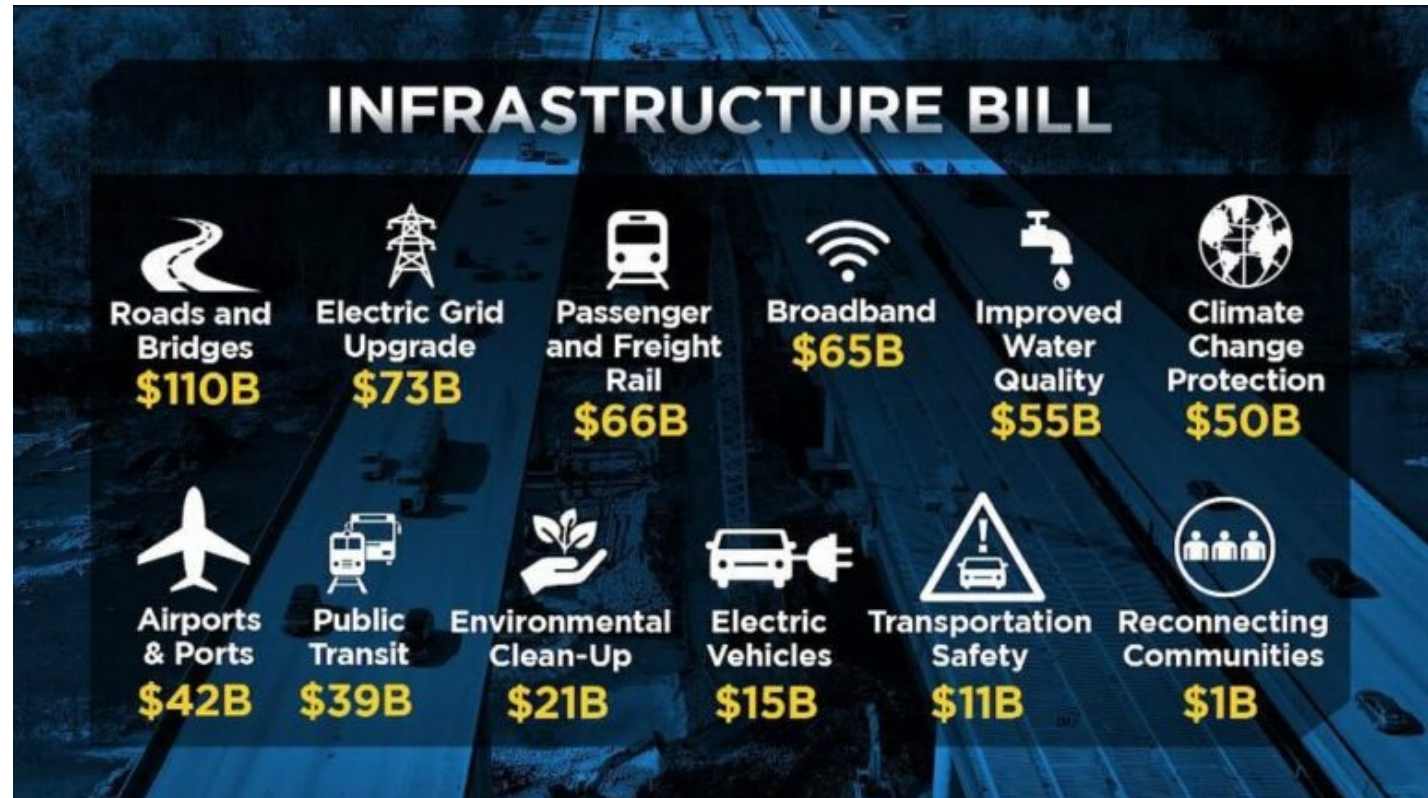
1. IIJA Summary – page 3
2. NEVI Program – page 4
3. NEVI Plan Elements – page 7
4. RIDOT's Role – page 9
5. Your Participation – page 12
6. Next Steps – page 13





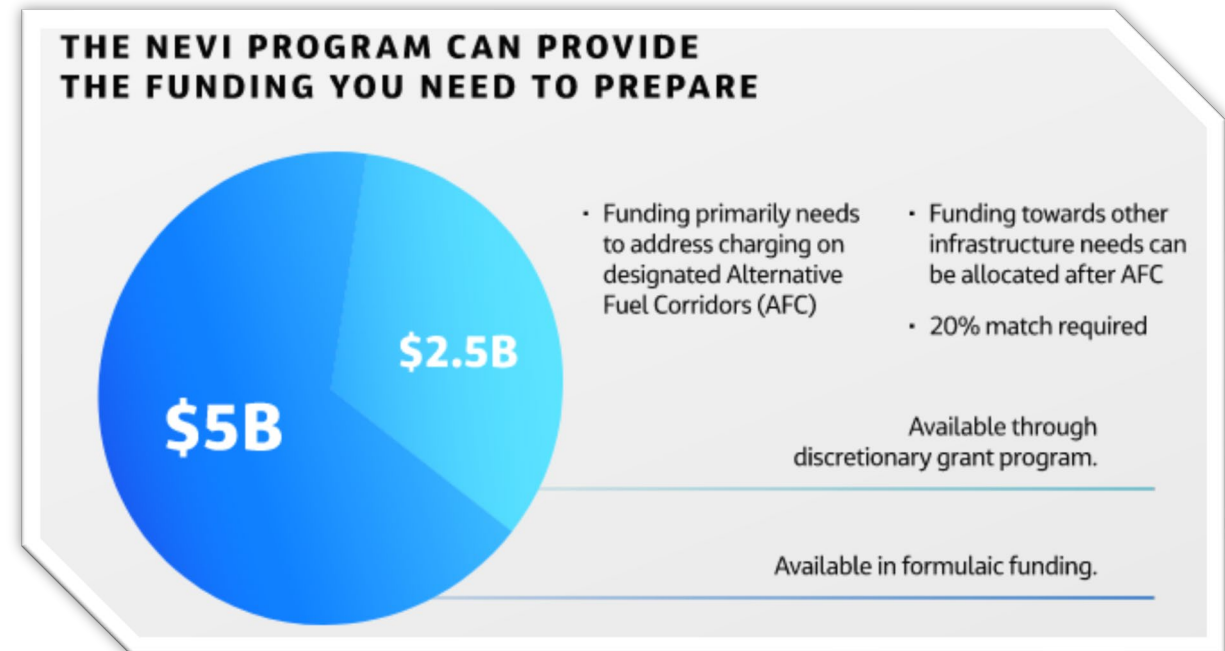
## Rhode Island will plan a charging station network for electric vehicles with federal funds

- Funds are part of the Infrastructure Investment and Jobs Act
- RI will get \$3.8 million this year and a total of \$23 million over five years
- Funding comes to RIDOT who will work with partners
- Total nationwide will be \$7.5 billion



## Guidance for using these funds comes from the National Electric Vehicle Infrastructure (NEVI) Program

- Alternative Fuel Corridors will be funded first
- Then other areas may be considered



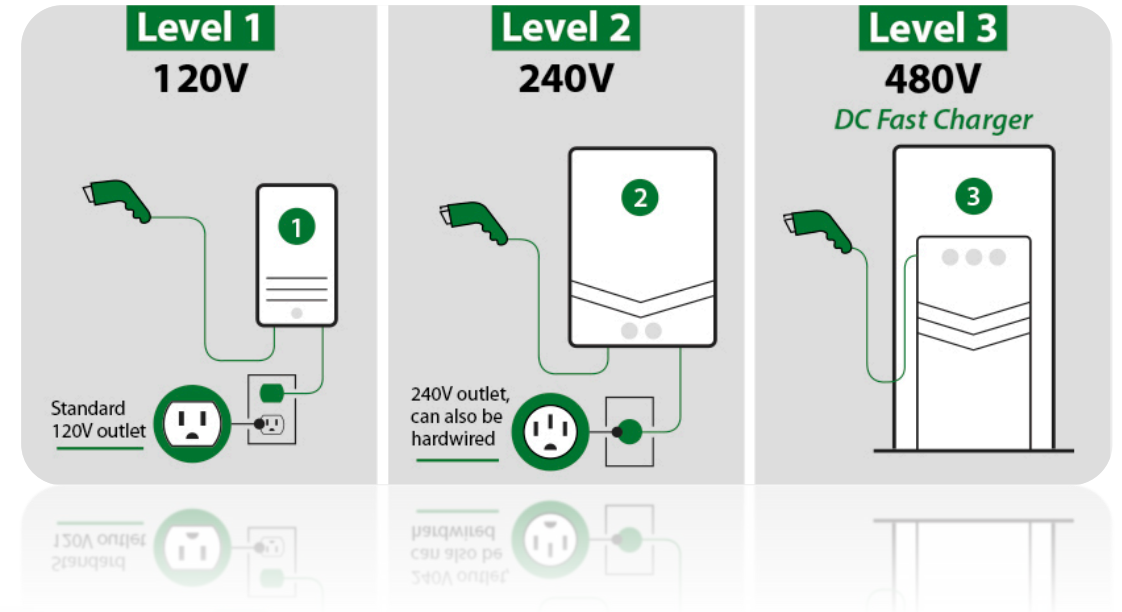
## States must submit a plan for their network by August 1 to the federal Joint Office of Energy and Transportation

- Must meet specific criteria
- Must show partnership with energy offices
- Program is new and guidance is evolving

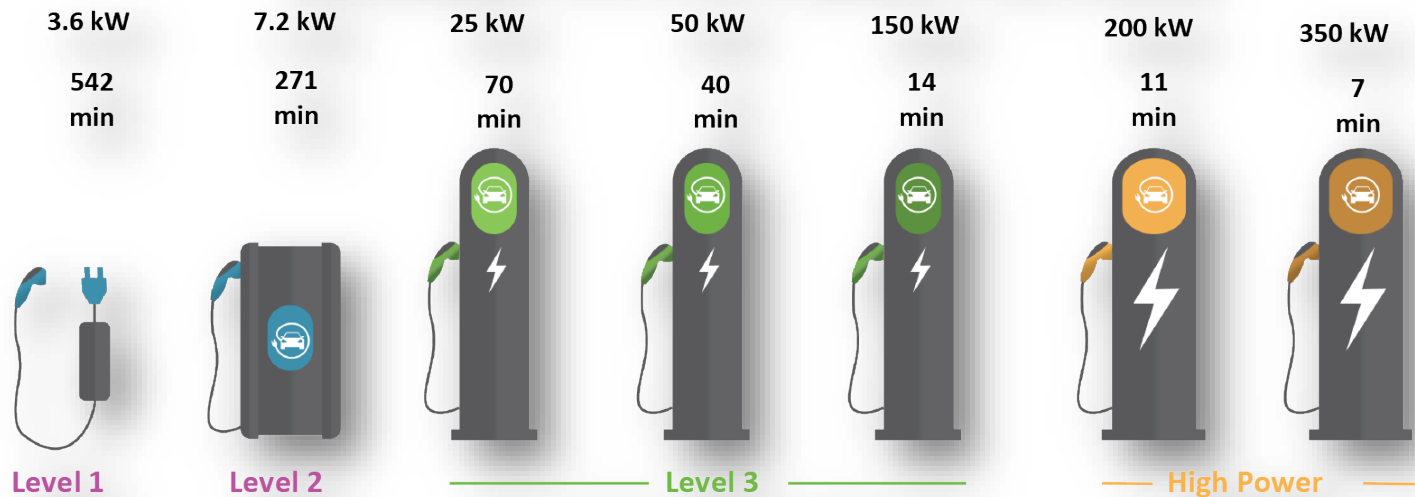
### Station Criteria for AFC-EV Corridors

- Publicly Accessible
- 1 Mile (max) from the Highway
- 50 Miles (max) between stations
- Only DC fast electric vehicle charging stations

- For a nominated corridor, NEVI requires 4 fast chargers per site
- These are called Level 3, and are 480 Volts
- They can charge for up to 100 miles in 14 minutes



Types of Charging - Time to Charge for 100 miles of range by kW level

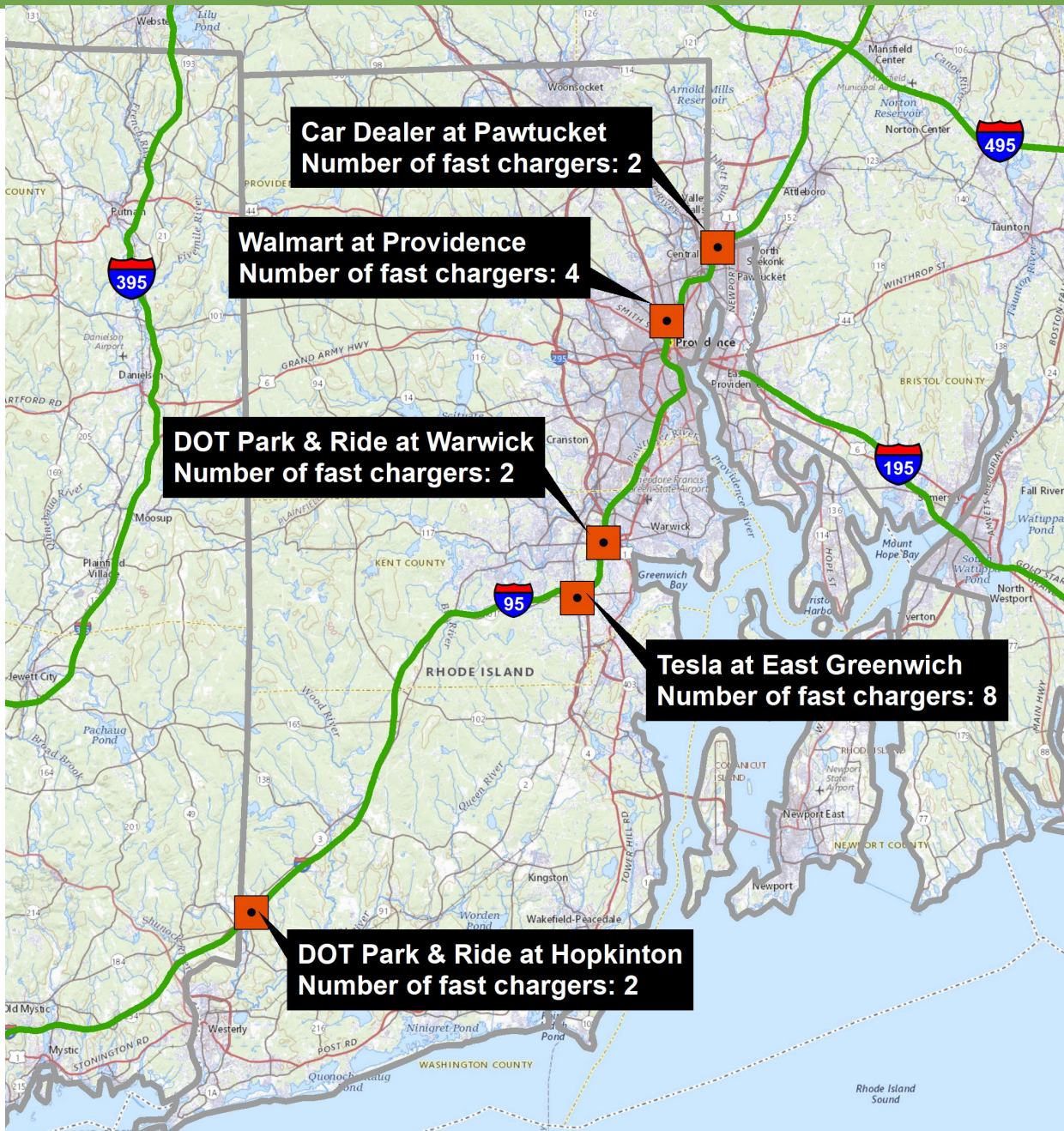


## NEVI Plan Elements

1. Plan Vision and Goals
2. Contracting
3. Existing and Future Conditions
4. EV Charging Infrastructure Deployment
5. Implementation Strategies
6. Civil Rights
7. Equity
8. Labor and Workforce
9. Cybersecurity
10. Program Evaluation







**RIDOT has submitted I-95 as its first corridor**

- There are already charging stations on this corridor
- Once a corridor is approved, funds can be used for operating assistance, installation, other development



## RIDOT's role as the receiver of the funds

- Prepare the NEVI plan
- Outreach and stakeholder collaboration
- Coordinate with Joint Office on Energy and Transportation
- Ensure investment in underserved communities
- Facilitate federal funding
- Work with a team



## RIDOT's NEVI Core Team

- Rhode Island Office of Energy Resources (OER)
- Rhode Island Department of Environmental Management (DEM)
- Acts as plan contributor and reviewer
- Meets through July 2022
- Meets regularly through 2027

## Role and Responsibilities

- Plan Contributor / Reviewer
- Meetings through July
- Regular Meetings through 2027

## RIDOT's Technical Advisory Committee

Act as advisors

- FHWA
- RIPTA
- RI DMV
- RI Commerce Corp
- RI Statewide Planning / MPO
- RI Dept of Business Regulation
- National Grid / Rhode Island Energy

## Role and Responsibilities

- Plan Advisors
- Regular Meetings through 2027

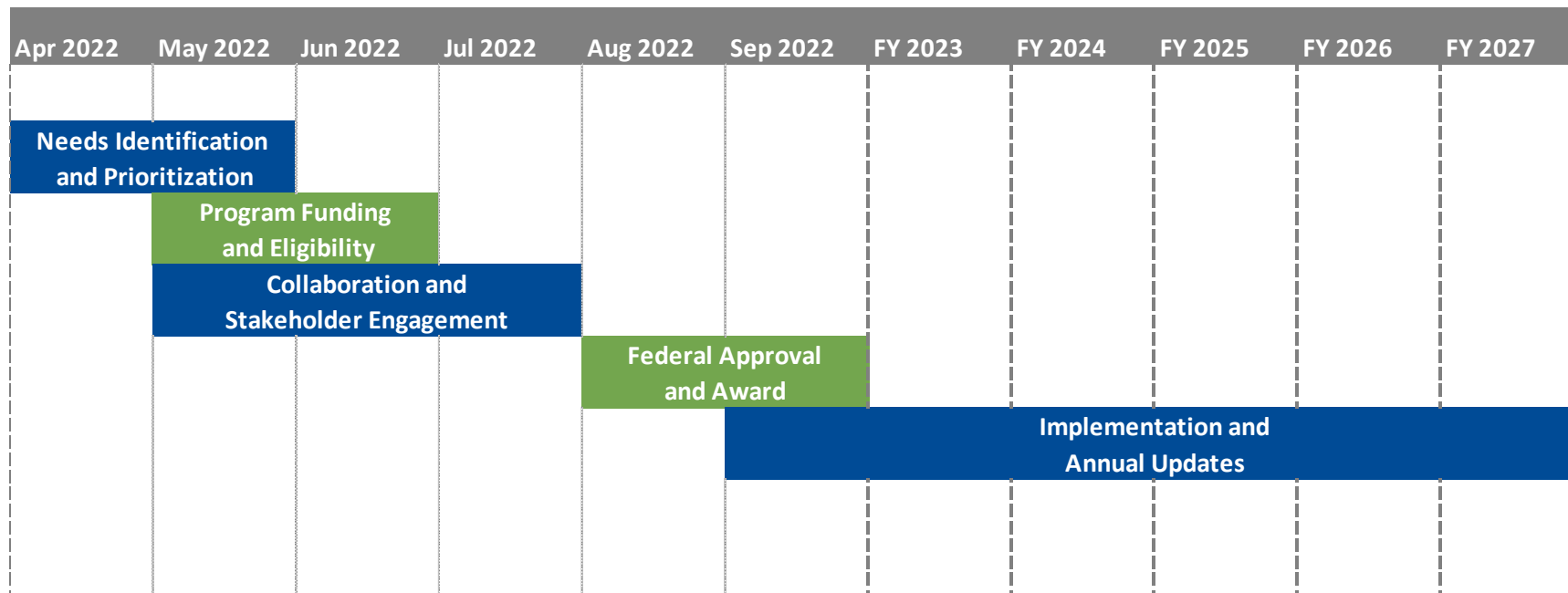


## Next Steps

- Additional stakeholder involvement planned in June and July
- Visit RIDOT's NEVI Project Page at <https://www.dot.ri.gov/projects/EVCharging/>
  - Sign-up for email updates to get notification of upcoming stakeholder meetings
  - Submit Questions / Feedback via form
  - Presentation and recording of this meeting to be posted
  - Schedule of upcoming meetings to be posted
  - Other EV project documents and links

## Your Participation is Critical

- What existing and pending plans do you need/want us to be considering in developing our plan?
- Do you know of any upcoming outreach events we should participate in?



## Thank You



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