



FEDERAL TRANSPORTATION GRANTS & FUNDING OPPORTUNITIES

VAPDC 2023 Summer Conference & Annual Meeting

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July 27, 2023

Agenda

1. NEVI Formula Program
2. Virginia's Deployment Plan
3. Alternative Fuel Corridors
4. Request for Applications
5. CFI Discretionary Grants
6. Getting Involved
7. Resources



Infrastructure & Investment Jobs Act (IIJA)

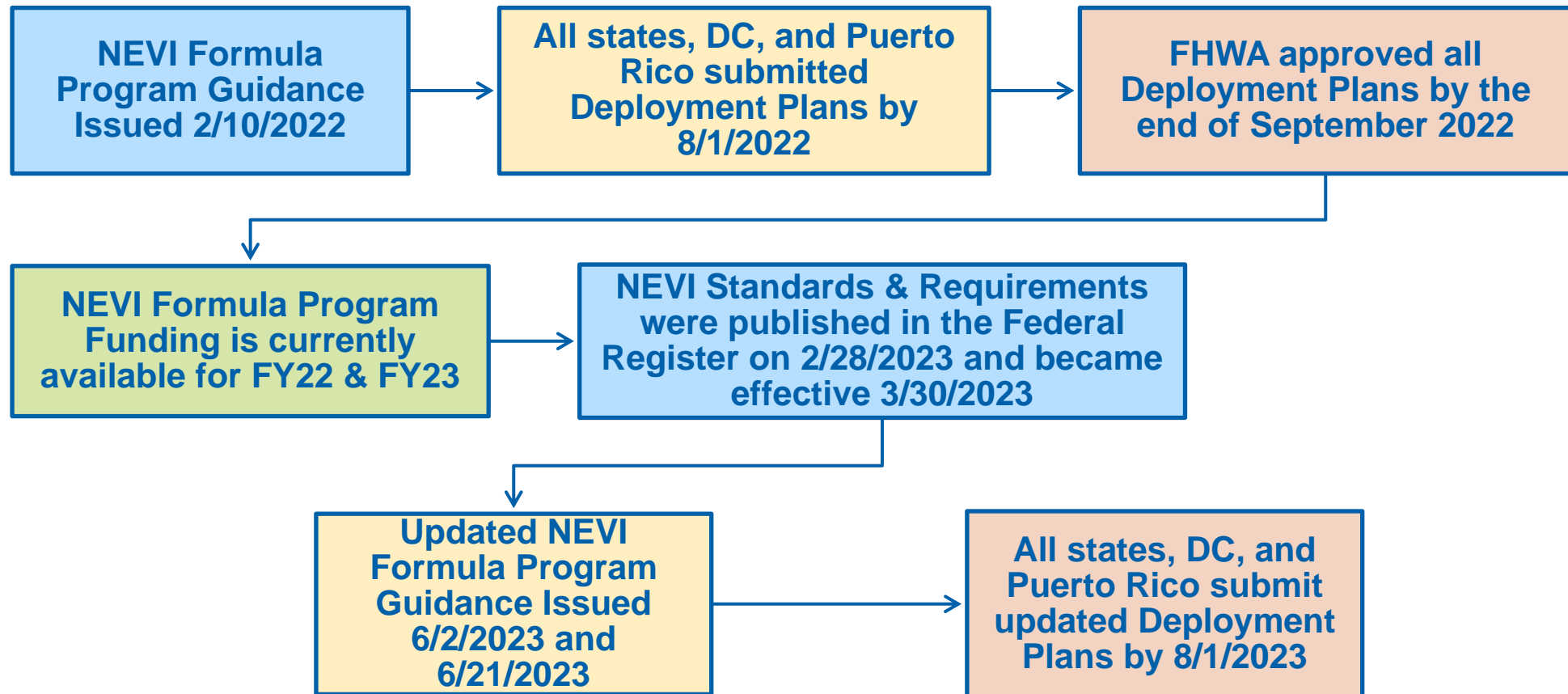
- Also known as the Bipartisan Infrastructure Law (or BIL)
- President signed into law on November 15, 2021
- Provides \$550 billion for:
 - Roads & Bridges
 - Mass transit
 - Water infrastructure
 - Resilience and
 - Broadband



National Electric Vehicle Infrastructure (NEVI) Overview

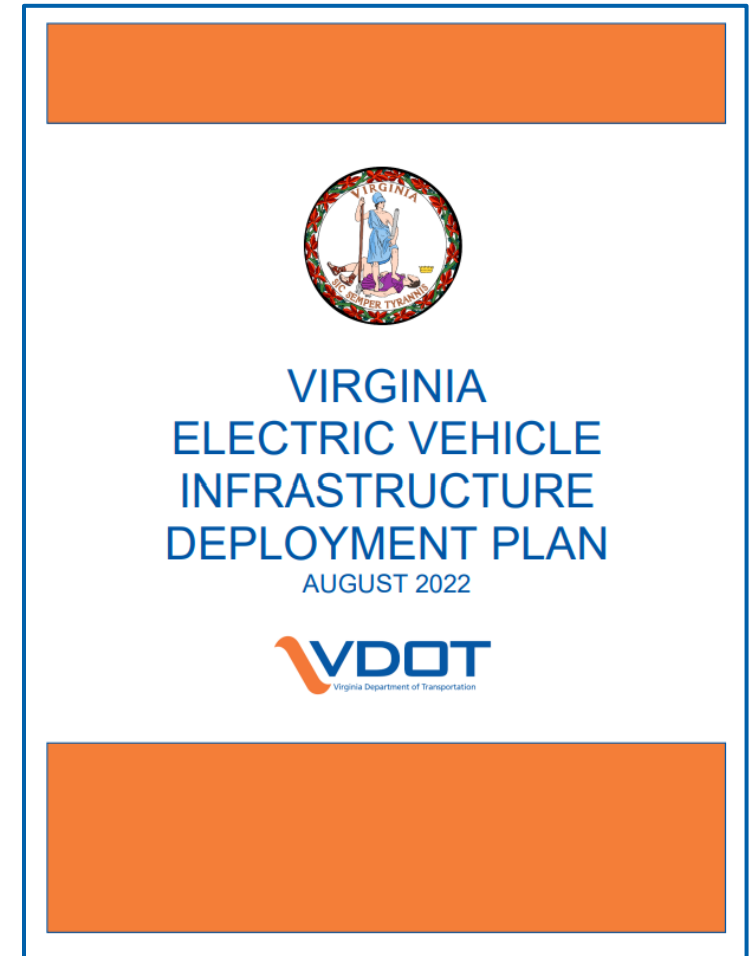
- The U.S. Department of Transportation's (DOT) Federal Highway Administration (FHWA) NEVI Formula Program will provide \$5 billion to states to strategically deploy electric vehicle (EV) charging stations and to establish an interconnected national network.
- Federal funding is available for up to 80% of eligible project costs, including:
 - The acquisition, installation, and network connection of Direct Current Fast Charging (DCFC) EV charging stations
 - Proper operation and maintenance of EV charging stations
 - Long-term EV charging station data sharing

NEVI Formula Program Timeline



Virginia NEVI Deployment Plan & Program

- VDOT lead agency, under guidance of the Secretary of Transportation
- VDOT's NEVI Deployment Plan approved September 2022
- \$106M over 5 years to build out VA's alternative fuel corridors
- \$36M available in FY22 & FY23
- Released a competitive process to award NEVI Formula Program Funding to eligible entities on July 21, 2023
- Currently updating the NEVI Deployment Plan for 2023 (due August 1, 2023)



Deployment Plan Vision & Goals

Virginia envisions an EV charger network that facilitates convenient, reliable, and equitable access to fast charging stations throughout the Commonwealth, while spurring growth in this promising industry.

1

Close Charging Gaps

Fully build out 8 existing AFCs within 5 years and identify corridors of statewide significance for future build out.

2

Maintain Reliability and Connectivity

Establish strict standards for measuring and reporting charging station uptime and maintaining station performance

3

Ensure Equitable Access

Support the deployment of charging stations across urban, suburban, rural, and disadvantaged communities.

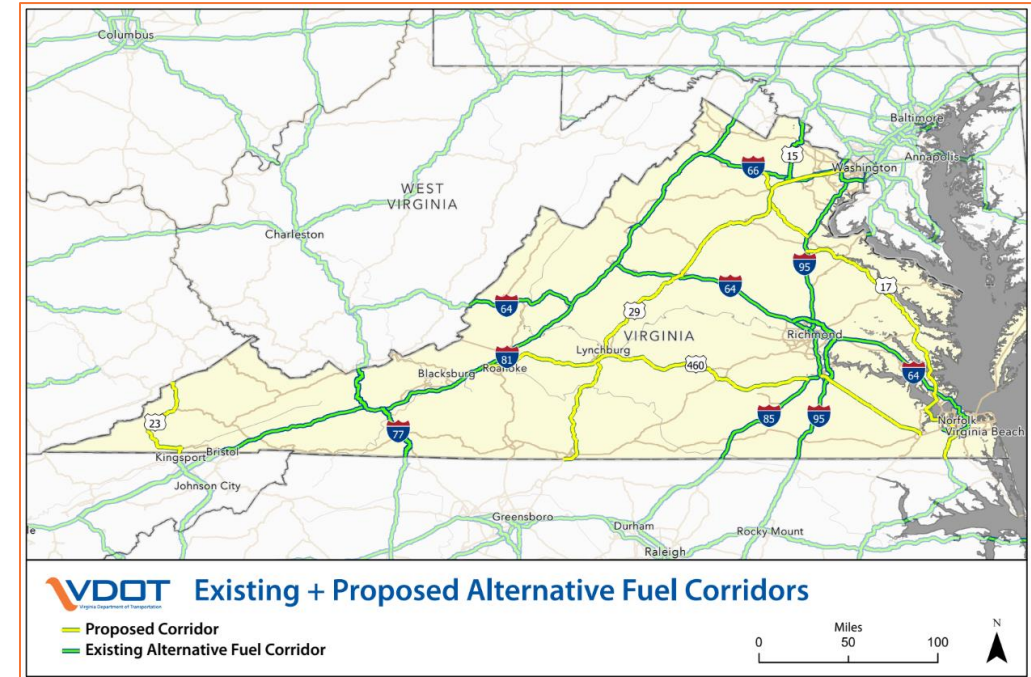
Planning Phases

Phase 1 (2022-2024)

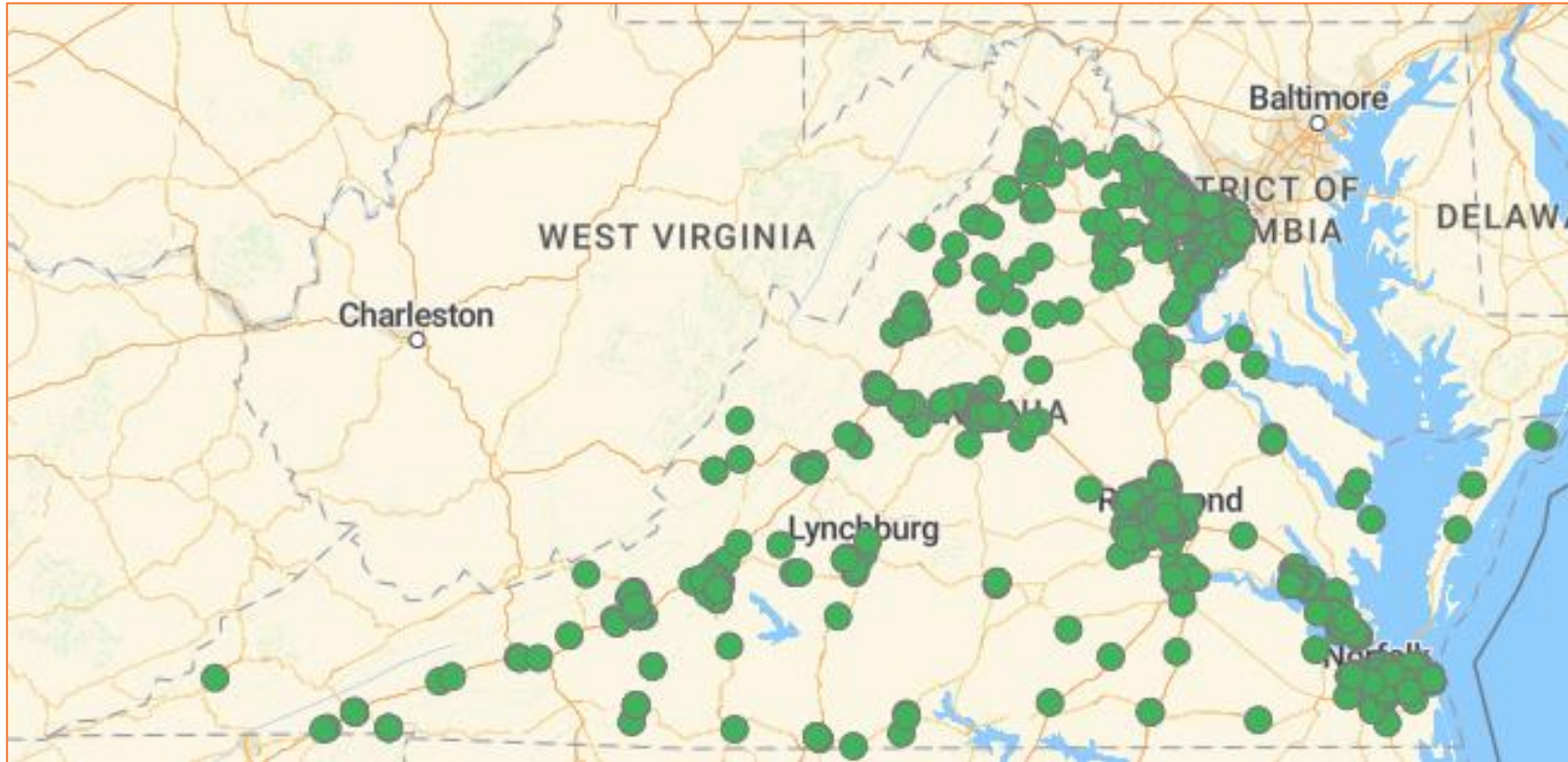
- Initial stakeholder and public outreach
- Nominate additional Alternative Fuel Corridors
- Develop Initial EV Charging Deployment Plan
- Build out Alternative Fuel Corridors

Phase 2 (2025-2026)

- Ongoing stakeholder engagement
- Annual EV Charging Deployment Plan updates
- Expand to Corridors of Statewide Significance and community charging



Virginia EV Charging Infrastructure



Alternative Fuels Data Center

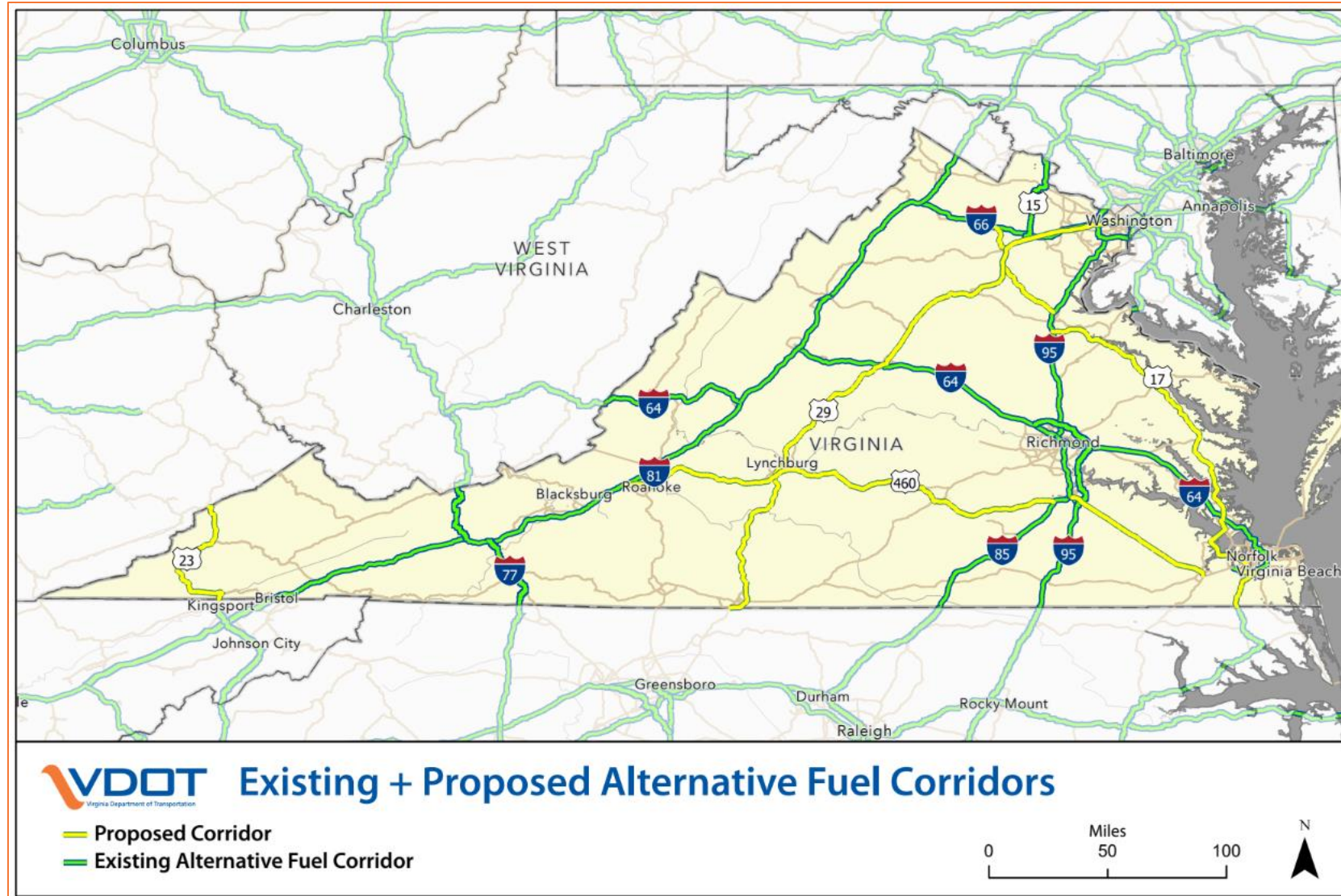
- 1,158 public stations providing 3,134 charging ports across all charging speeds
- 233 stations equipped with direct current fast chargers (DCFCs)
- 18 current NEVI-compliant stations

Alternative Fuel Corridors (AFCs)

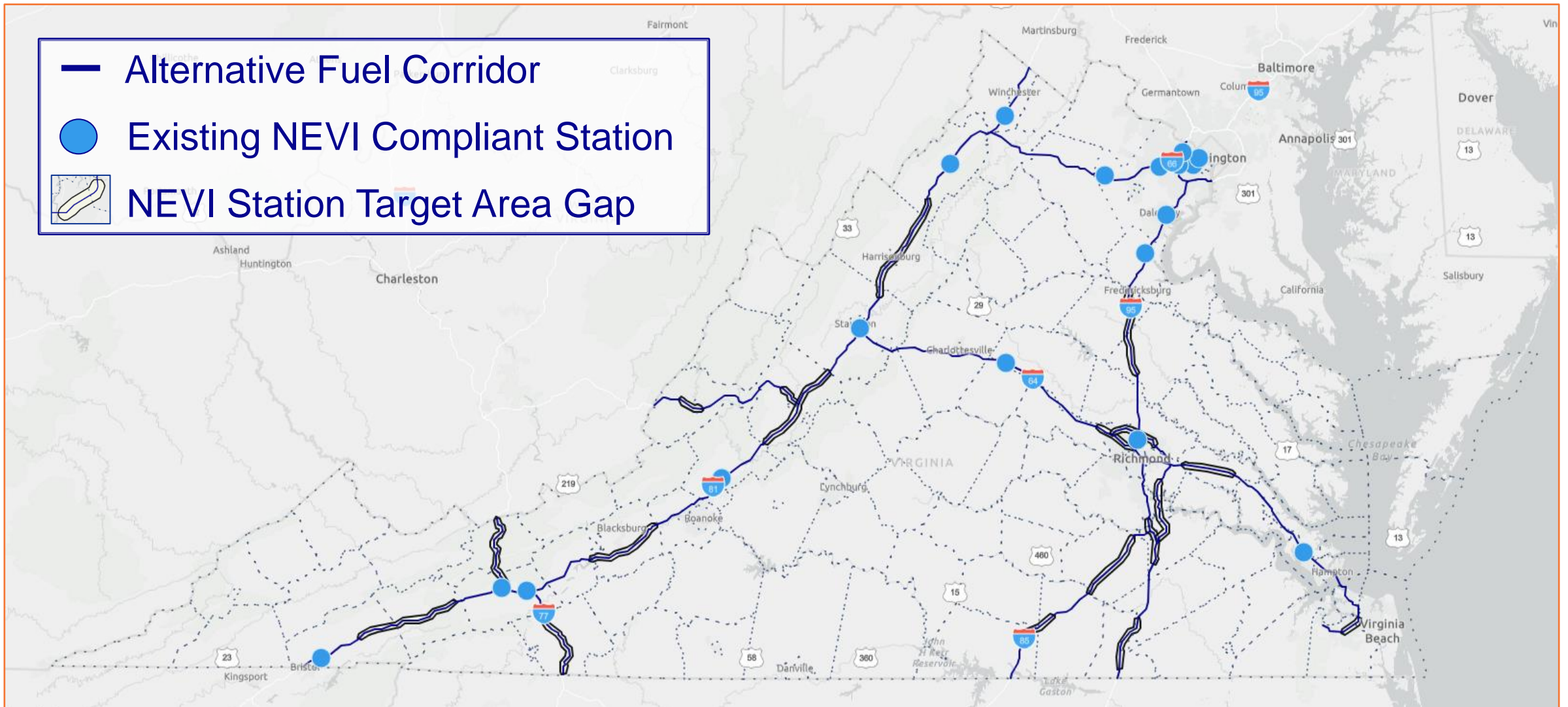
Phase 1 of NEVI
Deployment limits stations
to AFCs

Existing AFCs: 985 miles
along I-64, I-66, I-77, I-81,
I-85, I-95, I-295, I-495

Proposed AFCs:
Additional 749 miles along
US-17, US-23, US-29,
US-460



Existing and Potential EV Charging Station Areas



Request for Applications

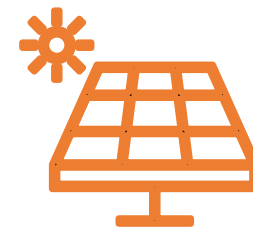
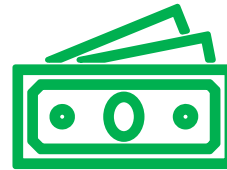
- **Location where work will be performed:**
 - Statewide Target Areas along existing designated Alternative Fuel Corridors
- **Release Date:** July 21, 2023
- **Non-Mandatory Pre-Application Conference:**
 - August 4, 2023 at 10AM EST
- **Applications will be received until:** September 15, 2023



Please visit: <https://publicinput.com/VirginiaNEVI>

Application Evaluation

- Applications must meet all Federal NEVI program requirements, and will be evaluated based on criteria from federal guidance, program goals, and best practices, including:
 - Pricing
 - Qualifications
 - User Experience
 - Justice40
 - Small Business Involvement
 - On-Site Renewable Energy



Virginia's NEVI Public Input Website

Virginia Electric Vehicle Infrastructure Deployment

The Commonwealth of Virginia is investing a projected \$100 million in federal funding over the next five years to install public electric vehicle (EV) charging stations across Virginia. Information on Virginia's Deployment Plan, federal EV infrastructure grant opportunities, as well as EV and Local Government resources are available below.

<https://publicinput.com/VirginiaNEVI>

Charging & Fueling Infrastructure Discretionary Grant Program (CFI)

- Applications were due June 13, 2023!
- Register for a www.Grants.gov account now.
- Only FY22 & FY23 funds available to award at \$700 million.
- Webinars held 3/21 & 3/22 – www.driveelectric.gov/webinars
- VDOT did not applying to CFI this round, but provided support.
- Virginia Clean Cities provided application assistance and syncing partnering opportunities.
- Additional funding rounds will open – be prepared!

CFI Discretionary Grant Breakdown

- **Community Charging Program**

- Focuses on rural areas, low- to moderate-income neighborhoods, and communities with limited private parking.
- Deploy EV charging, hydrogen fueling, propane fueling, and natural gas infrastructure located on public roads or other publicly accessible locations.
- Minimum grant request is \$500K with a max award of \$15 million.

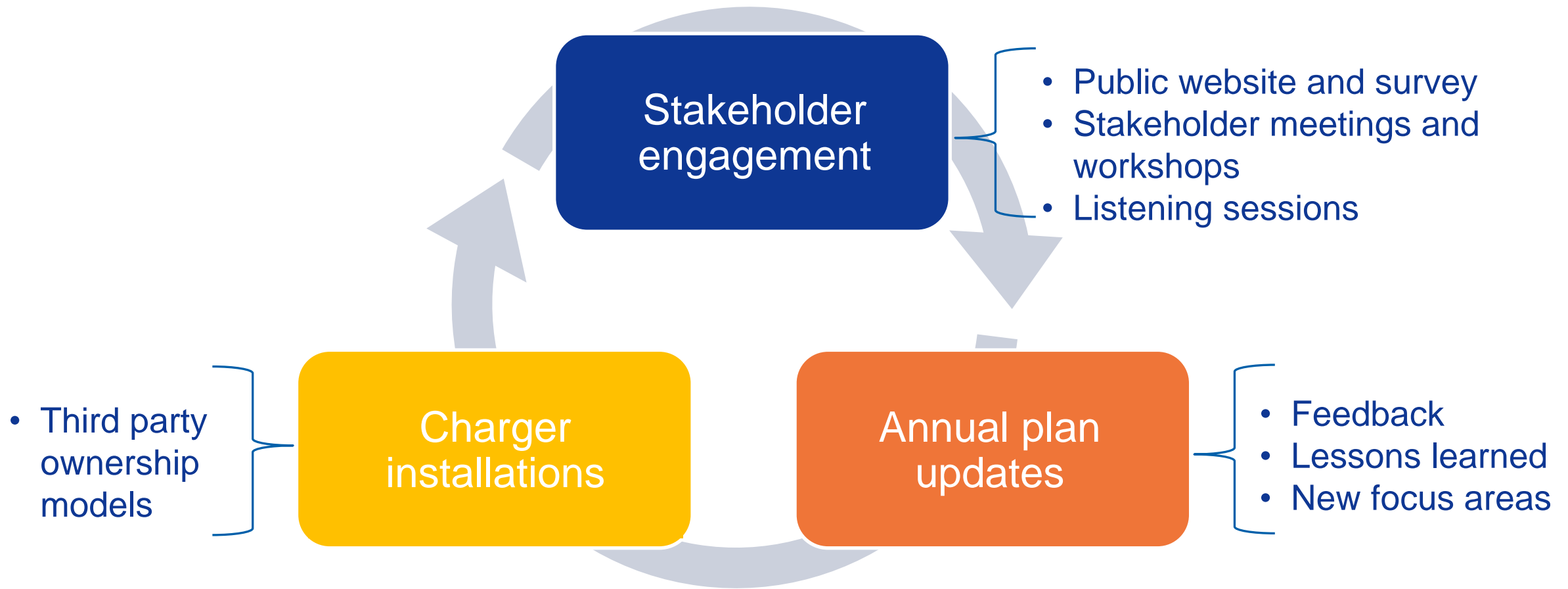
- **Corridor Charging Program**

- Focuses on building out the AFCs & providing redundancy.
- Deploy charging and alternative fueling infrastructure along designated alternative fuel corridors.
- Minimum grant request is \$1 million with no maximum award.

What does this mean for you?

- **Are you interesting in:**
 - Applying for NEVI Formula or CFI Discretionary Grant funding?
 - Eligibility, funding match, Title 23 compliance
 - Hosting/operating an EV charging station?
 - Access, utilities, Operations & maintenance
 - Developing an EV charging plan for your region?
 - Approach, public input, cultural acceptance

Iterative Planning & Deployment Process



Resources

- **NEVI guidance (FHWA):**
<https://www.fhwa.dot.gov/environment/nevi/>
- **VDOT NEVI Public Input Website:**
<https://publicinput.com/VirginiaNEVI>
- **Commonwealth's Marketplace:** www.eva.virginia.gov
- **VDOT NEVI Team:** nevi@vdot.virginia.gov

