



NATIONAL ELECTRIC VEHICLE INFRASTRUCTURE PROGRAM UPDATE

| Chris Berg, Director of Transportation Sustainability

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National Electric Vehicle Infrastructure (NEVI) Program

- Authorized by Infrastructure Investment and Jobs Act (IIJA)
- IIJA and FHWA Guidance establish program requirements
- Strategically deploy EV charging infrastructure and establish an interconnected national charging network to facilitate data collection, access, and reliability
 - Goal of 500,000 chargers nationwide by 2030
 - Support travel, reduce range anxiety, accelerate awareness
- \$100 million in federal formula funding over 5 years for Virginia
 - VDOT is the lead agency, under the direction of the Secretary of Transportation
 - \$36 million (comprised of FY22 and FY23 allocations) for phase 1 solicitation

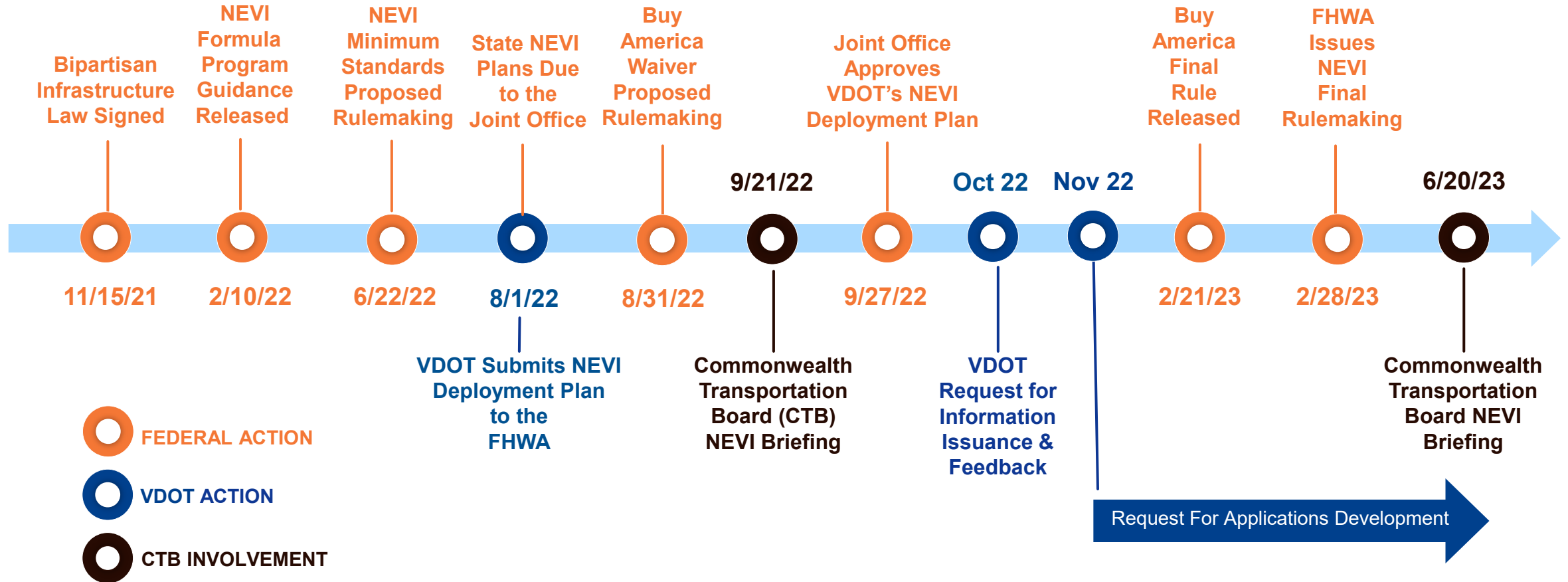
Virginia's NEVI Deployment Plan Goals

- **Goal #1: Close Charging Gaps**
 - Fully build out 8 existing Alternative Fuel Corridors (AFCs) within 5 years and identify corridors of statewide significance for future build out
- **Goal #2: Maintain Reliability and Connectivity**
 - Establish strict standards for measuring and reporting charging station uptime and maintaining station performance required by federal NEVI standards and requirements
- **Goal #3: Ensure Widespread Access**
 - Support the deployment of charging stations across urban, suburban, rural, and disadvantaged communities

NEVI Charging Stations

- Installation/upgrade of publicly accessible direct current fast chargers (DCFC)
 - Must first build out designated Alternative Fuel Corridors (AFCs)
 - 1 mile from AFC, every 50 miles, 4 ports per station, 150 kW per port
 - May include on-site distributed energy resources
 - 5 years of operations and maintenance funding
- Third parties will acquire, install, own, operate, and maintain
 - Applicant to provide minimum 20% funding match

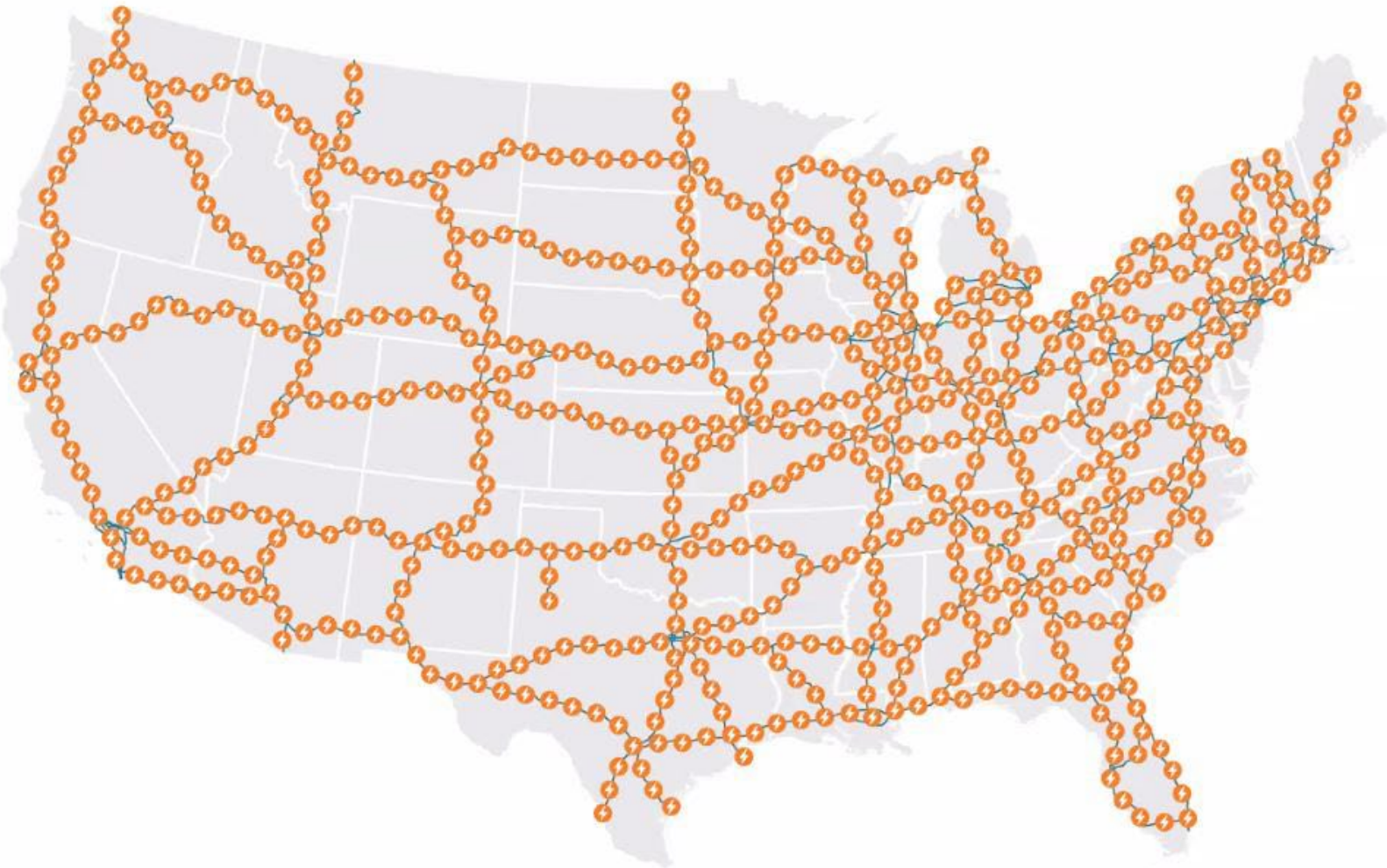
NEVI Program Timeline



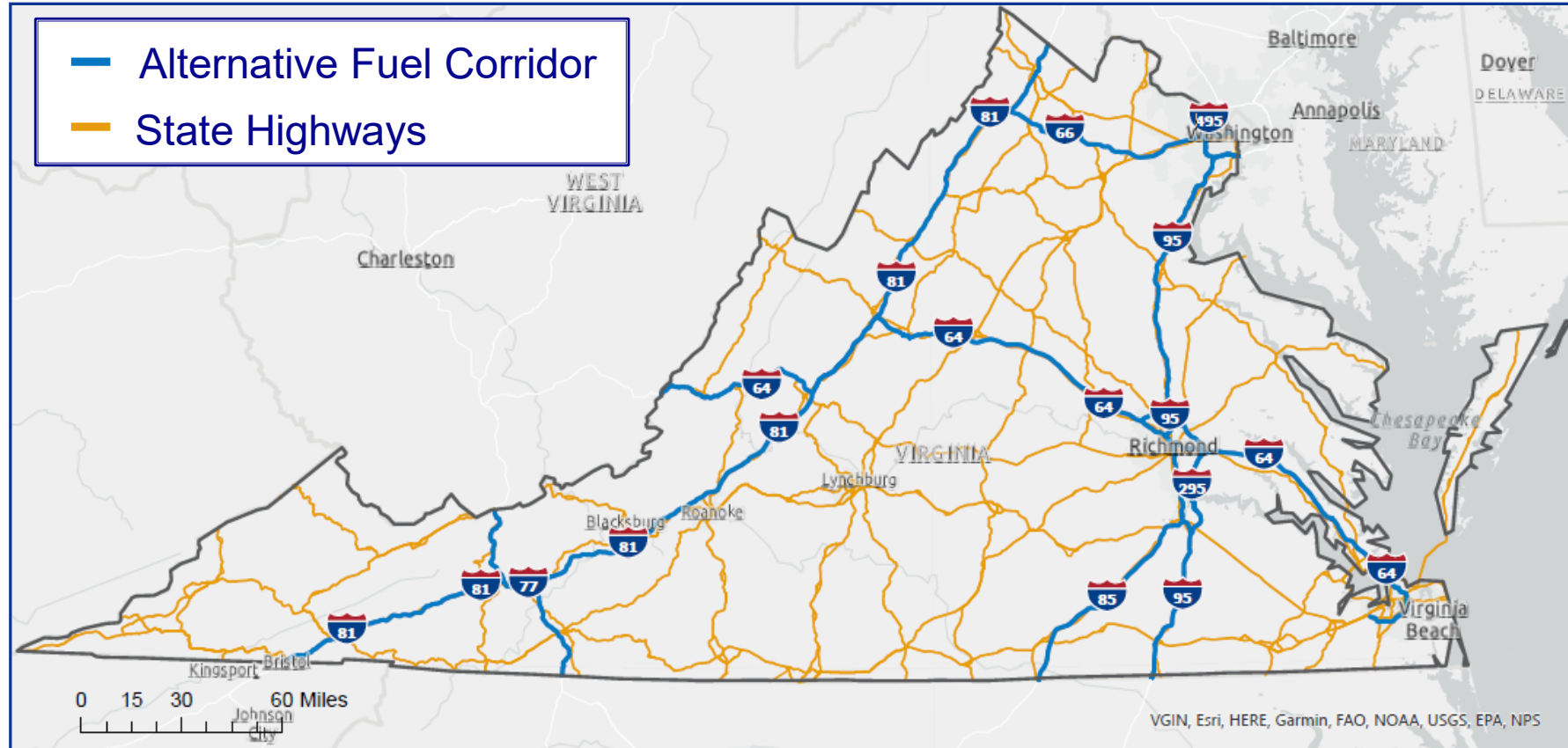
NEVI Program Timeline

- Since the issuance of the Final NEVI Rulemaking on February 28, 2023, VDOT staff have:
 - Incorporated final standards and requirements into Request for Applications (RFA)
 - Engaged the Office of Attorney General in extensive review of the draft RFA
 - Acquired consultant services to advise on the draft RFA and develop a GIS mapping tool to release with the RFA

Alternative Fuel Corridors (AFCs) - Nationally



Alternative Fuel Corridors (AFCs) - Virginia



Virginia AFCs:

985 miles that span I-64, I-66, I-77, I-81, I-85, I-95, I-295, and I-495

Request for Applications Proposed Schedule

Activity	Tentative Timeframe
Request for Applications (RFA) Issuance	July 17, 2023
○ Non-Mandatory Pre-application Conference	July 24, 2023
○ Deadline to Submit RFA Clarification Questions	July 31, 2023
○ Clarification Questions and Answers Published	August 14, 2023
Request for Application Deadline	September 11, 2023
VDOT Application Review Completion	November 06, 2023
Tentative Award Notifications	December 11, 2023

Application Eligibility

LEGAL ENTITY

Applicants must be a legal entity in good standing, including an individual, corporation, or other entity registered with the State Corporation Commission, a government entity, or a Tribal Organization

SITE HOST

Able to locate or become a Site Host for publicly-accessible direct-current fast-charging (DCFC) equipment

MINIMUM STANDARDS

Able to comply with:

- Minimum NEVI Formula Program requirements
- Minimum VDOT program requirements

FUNDING MATCH

Able to provide the non-federal funding match of 20% & any additional costs incurred in excess of the maximum award of \$1,000,000 per station

MAINTENANCE

Able to operate and maintain publicly-accessible DCFC equipment for a minimum of five (5) years post-construction

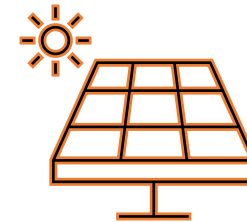
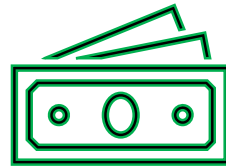
Minimum Standards – Federally Required

- Federal Regulations set minimum standards and requirements for projects funded under the NEVI Formula Program
- Applicants must meet the Minimum Standards in order to be considered
 - Location of EV infrastructure [distance from corridor & between stations]
 - Power and network requirements
 - Procurement process
 - Availability / charging station uptime
 - Payment methods, accessibility, transparency
 - Security [physical & cyber] / data privacy
 - Qualified technicians
 - Data reporting
 - Other federal requirements

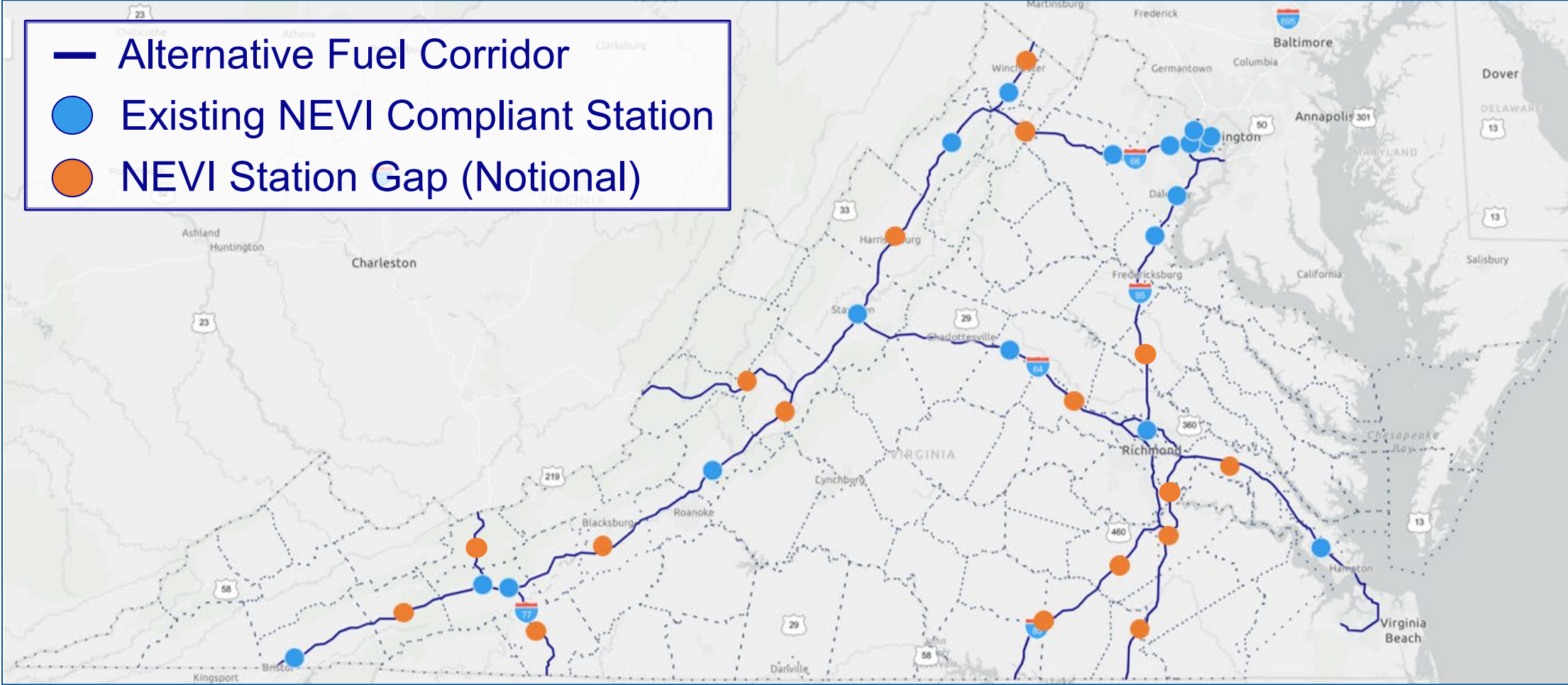
Application Evaluation

- Applications will be evaluated based on criteria from federal guidance, program goals, and best practices, which include the following:

- Pricing
- Qualifications
- Site Amenities
- Justice40
- SWaM/DBE
- On-Site Renewable Energy



GIS Mapping Tool



Next Steps...

- Finalize Request for Applications
 - Complete the GIS mapping tool for potential applicants
 - Final Office of Attorney General review
- Release Request For Applications
 - Posting to eVA / Commonwealth's Marketplace
 - Notification to parties interested in submitting an application