



VIRGINIA'S NATIONAL ELECTRIC VEHICLE INFRASTRUCTURE PROGRAM AWARDS

Commonwealth Transportation Board

| Chris Berg, Director of the Office of Transportation Sustainability

October 22, 2024

National Electric Vehicle Infrastructure (NEVI) Review

**Authorized under
Infrastructure
Investment and Jobs
Act (IIJA)**



**Deploy fast
electric vehicle
(EV) charging
stations**

**\$106M allocated for
Virginia over 5 years**



**Annual Deployment
Plan required**

NEVI Phase 1 Review

Federal NEVI EV charging station requirements:

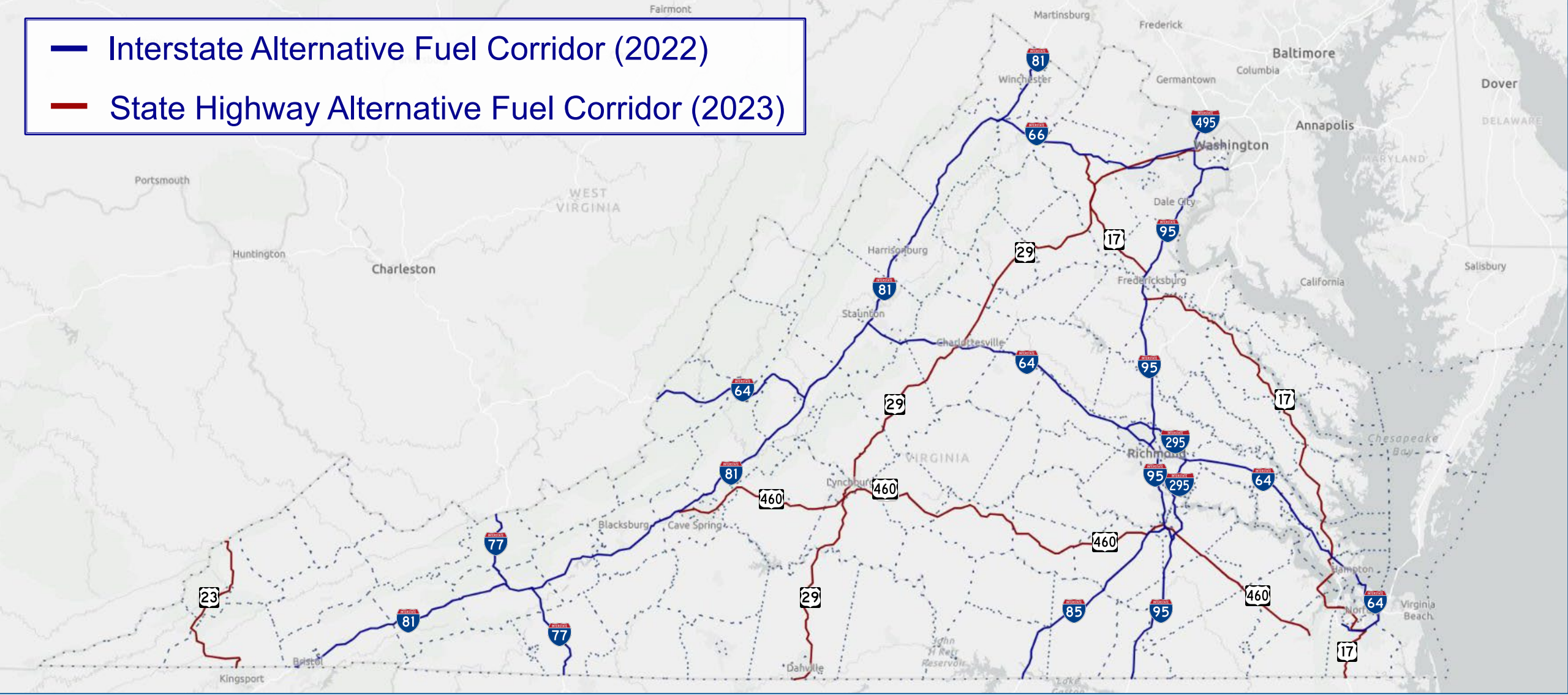
- On Alternative Fuel Corridors (AFCs)
 - Prioritize interstate highways
- At least every 50 miles along AFCs
- No more than 1 mile from an AFC exit
- At least 150 kilowatts per port
- At least 4 charging ports
- At least 20% third party cost match

Alternative Fuel Corridors (AFCs)

- Support installation of alternative fueling infrastructure at strategic locations along major national highways
- Nominated annually by states, designated by FHWA
 - FHWA prioritizes nominations along interstate highways
 - Also allows nominations elsewhere along National Highway System
- IIJA directs the build out of EV charging stations along designated AFCs to serve as backbone for long distance travel
 - Phase 1 of NEVI stations **must** be located along AFCs until 'Fully Built Out' with stations at least every 50 miles
- AFCs in the Commonwealth:
 - As of 2022: I-64, I-66, I-77, I-81, I-85, I-95, I-295, I-495
 - Added in 2023: US-17, US-23, US-29, US-460

Alternative Fuel Corridors

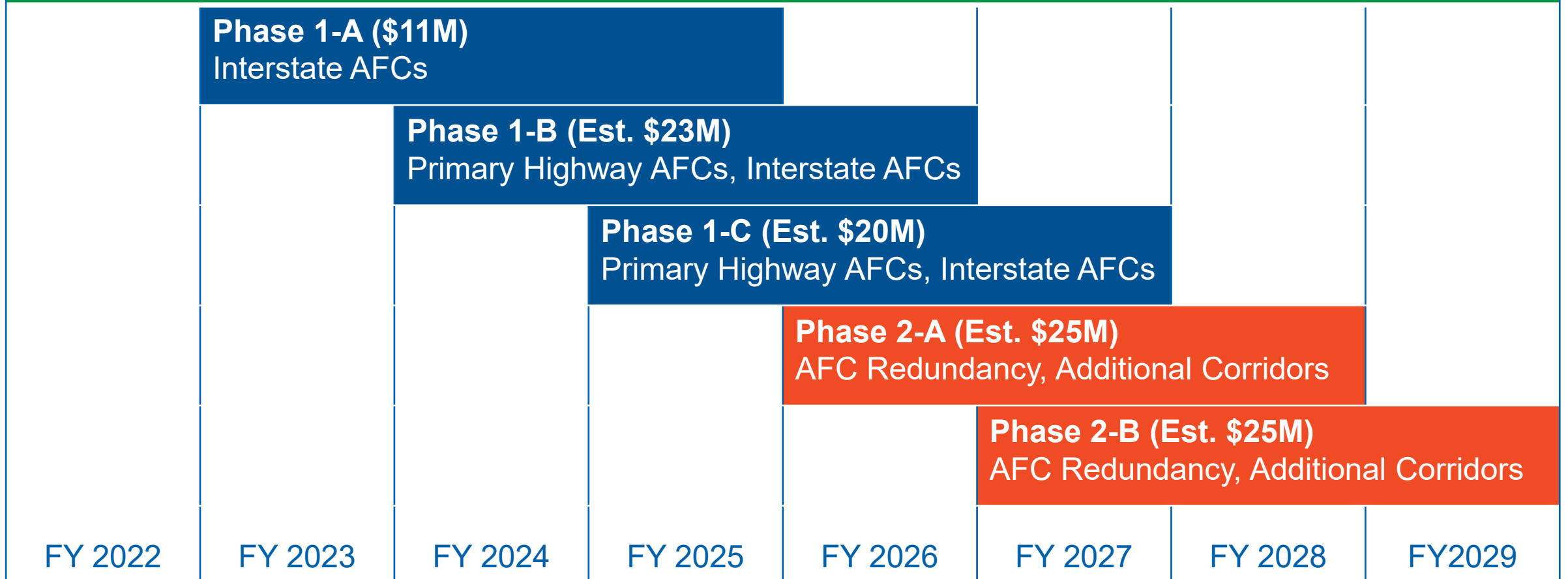
- Interstate Alternative Fuel Corridor (2022)
- State Highway Alternative Fuel Corridor (2023)



NEVI Phases

Planning (Est. \$2M)

Program Development, Outreach, AFC Designation, Annual NEVI Plan

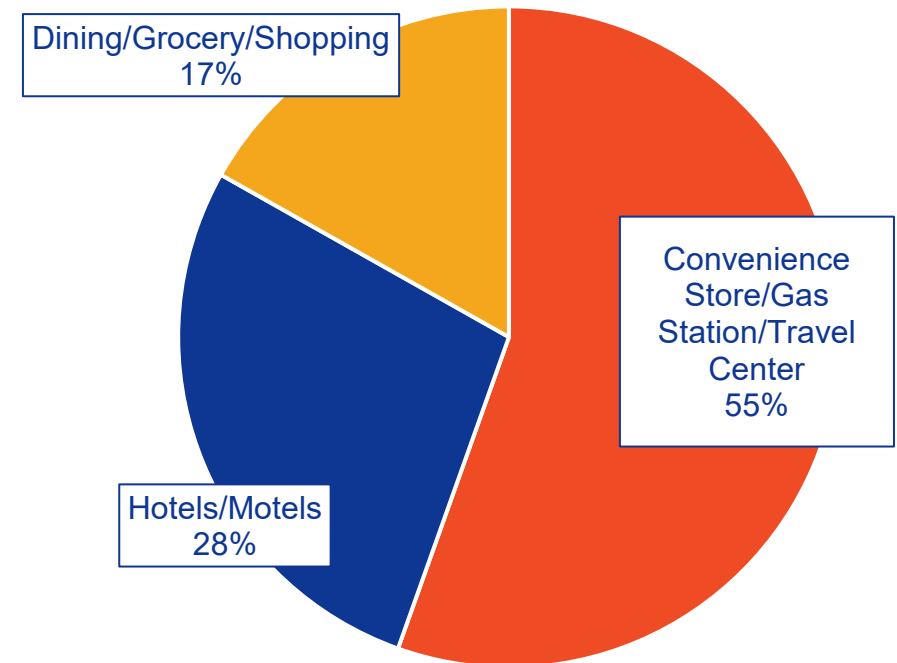


NEVI Phase 1-A Request for Applications (RFA) Review

Top scoring application in each of the 18 target areas selected for award

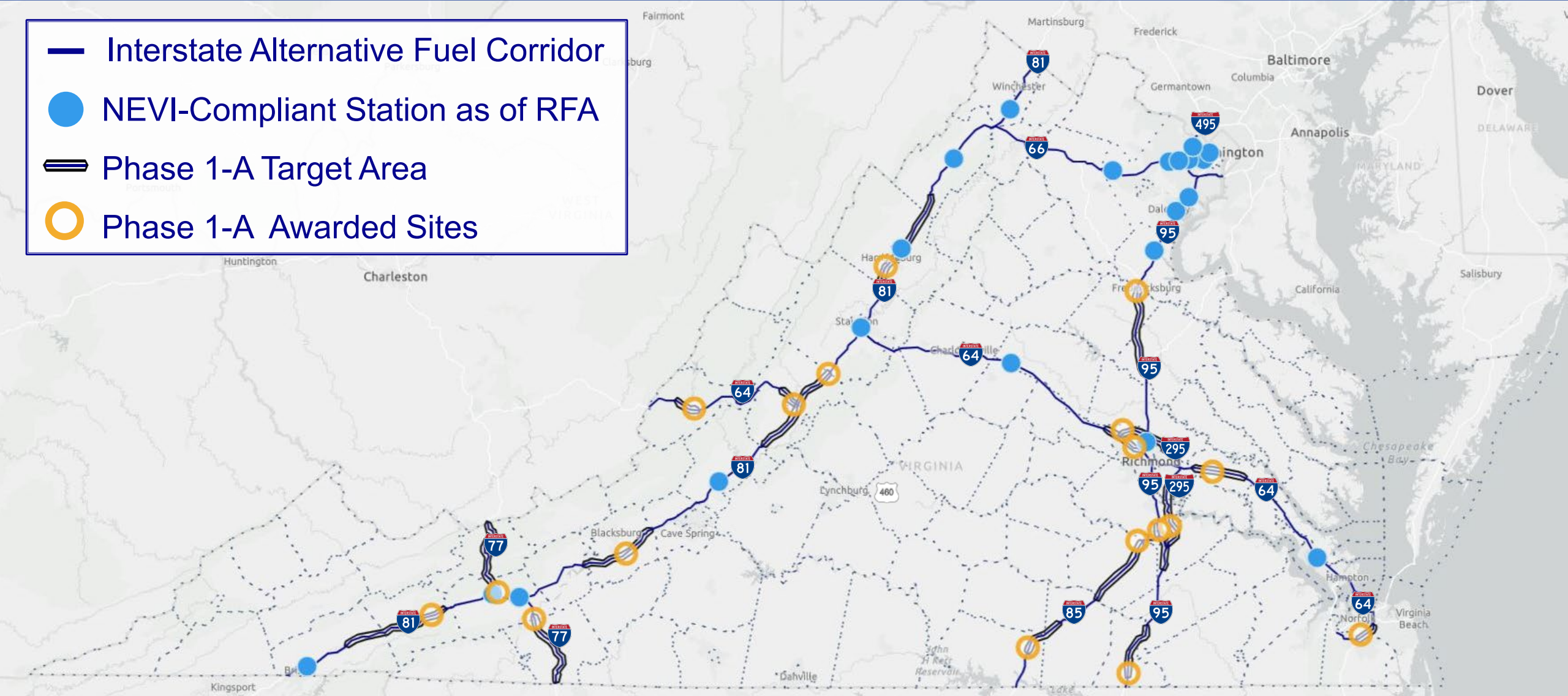
- Total awarded sites: 18
- Total unique awardees: 9
- Total funding award: \$11,295,499
 - Average award: \$627,527
- Average applicant match: 37% of total project cost

Applicant Charging Station Site Types



NEVI Phase 1-A Review

- Interstate Alternative Fuel Corridor
- NEVI-Compliant Station as of RFA
- ≡ Phase 1-A Target Area
- Phase 1-A Awarded Sites



NEVI Phase 1-B RFA Review

Release Date:

- May 2, 2024

Locations:

- 20 Target Areas along Interstate Highway AFCs
- 21 Target Areas along State Highway AFCs

Request Close:

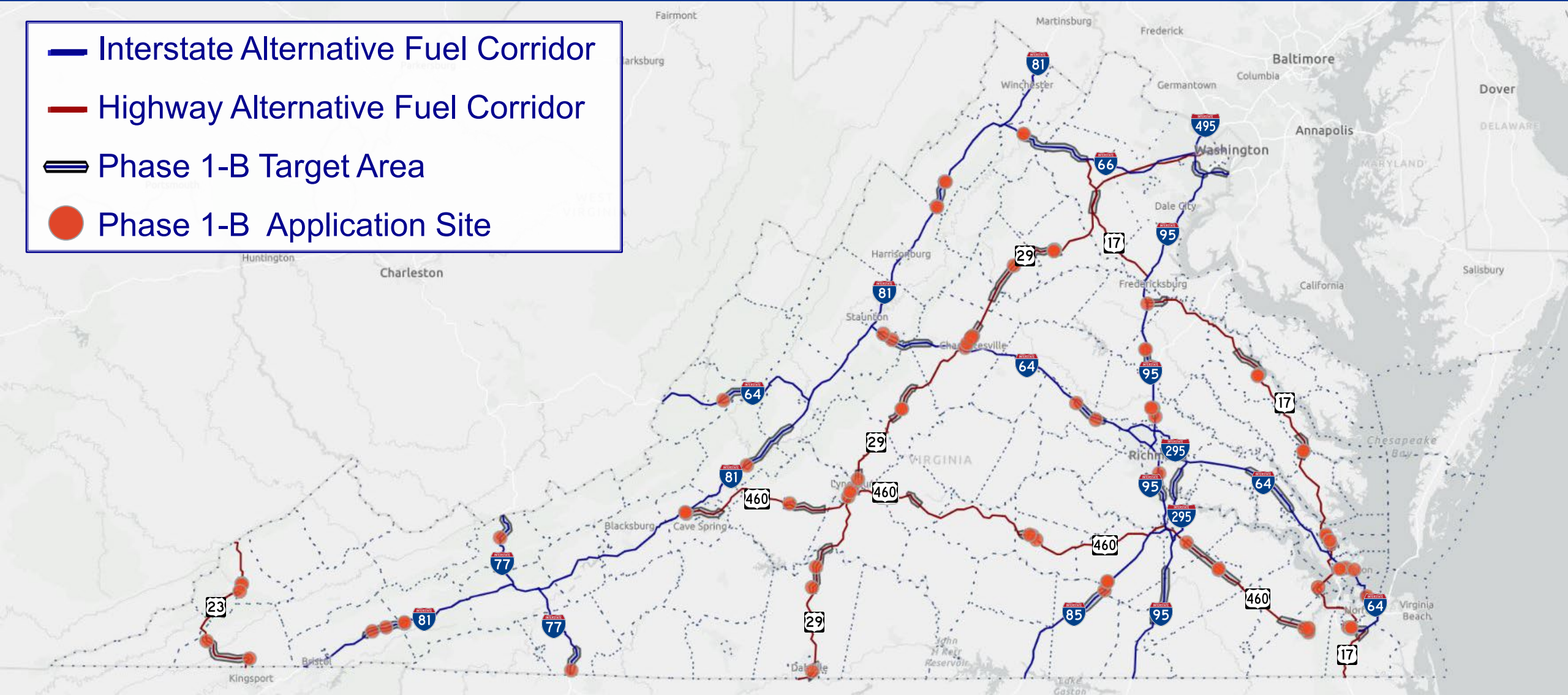
- July 10, 2024

Application Review:

- Evaluation against federal requirements and program goals using refined criteria from Phase 1-A

NEVI Phase 1-B Applications

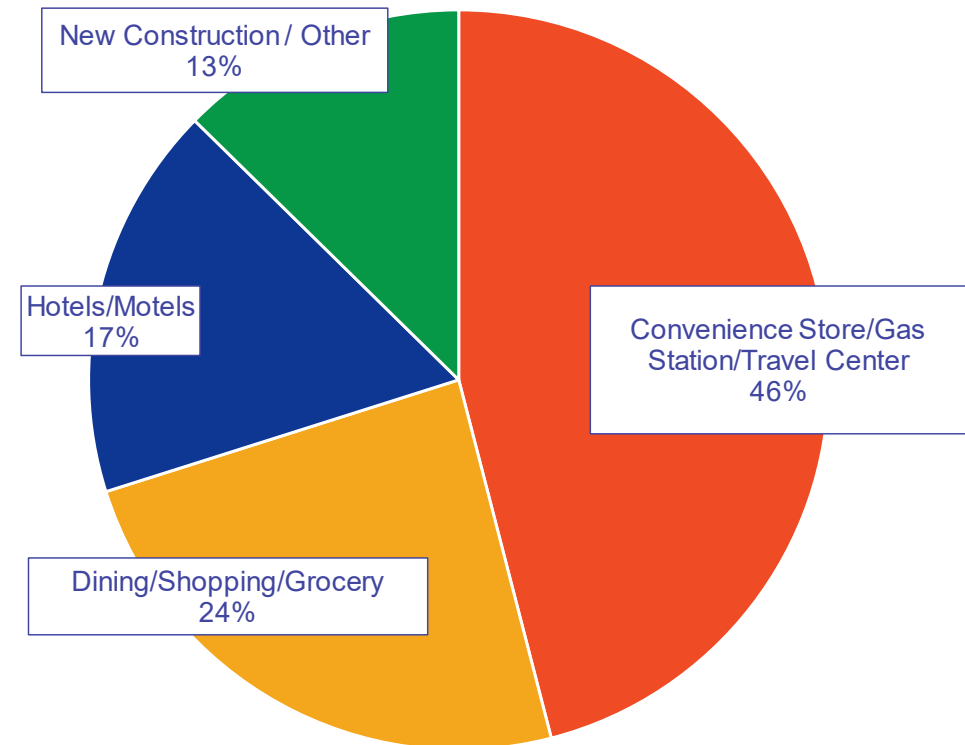
- Interstate Alternative Fuel Corridor
- Highway Alternative Fuel Corridor
- == Phase 1-B Target Area
- Phase 1-B Application Site



NEVI Phase 1-B Applications

- Total unique applicants: 19
- Total applicant sites: 95
- Average total project cost: \$ 972,524
- Minimum of 20% of total cost match required by applicant

Applicant Charging Station Site Types



Application Evaluation

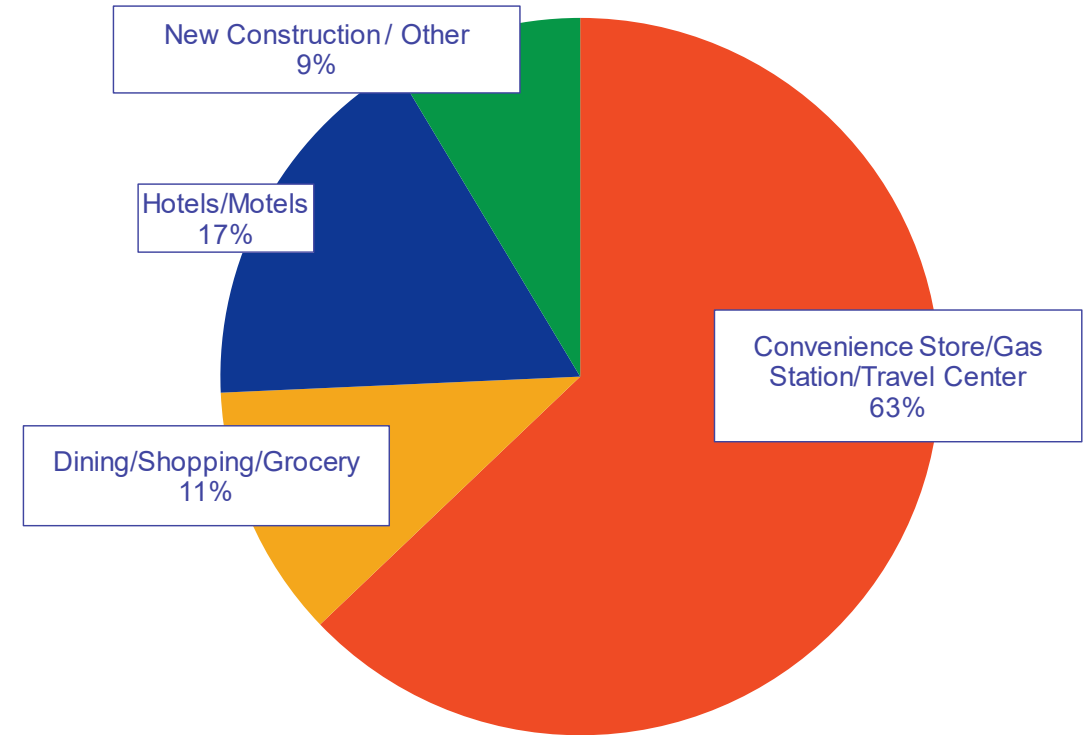
- Applications were evaluated based on criteria from federal guidance, program goals, and best practices, which include the following:
 - Pricing
 - Qualifications
 - Site amenities
 - Renewable energy
 - Future-proofing to support future upgrades and expansions
 - Federal Justice40 requirement to consider benefits to rural and disadvantaged communities

NEVI Phase 1-B Proposed Awards

Top scoring application in each Target Area selected for award

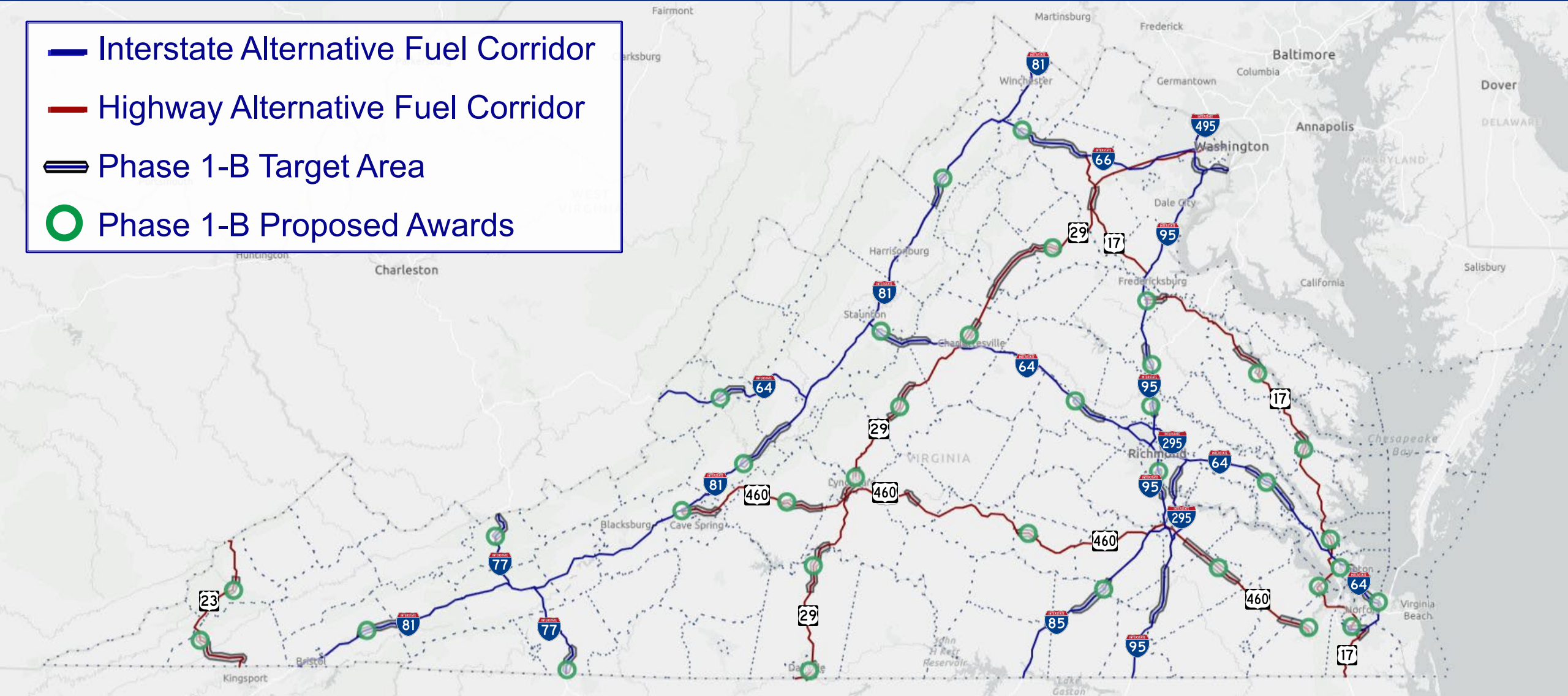
- Total awarded sites: 35
- Total unique awardees: 13
- Total funding award: \$22,668,004
 - Average award: \$647,657
- Average applicant match: 36% of total project cost

Applicant Charging Station Site Types



NEVI Phase 1-B Proposed Awards

- Interstate Alternative Fuel Corridor
- Highway Alternative Fuel Corridor
- == Phase 1-B Target Area
- Phase 1-B Proposed Awards



NEVI Phase 1-B Proposed Awards*

Target Area	Applicant	Site Host	Location	District	Award	Applicant Match
64-F	Love's Travel Stops & Country Stores, Inc.	Love's	Covington	Staunton	\$ 825,000	\$ 476,869
64-G	Wawa, Inc.	Wawa Inc	Fishersville	Staunton	\$ 596,434	\$ 414,471
64-H	Universal EV LLC	BP	Mineral	Culpeper	\$ 592,418	\$ 411,681
64-I	PowerUp America LLC	PUA 8	Toano	Hampton Roads	\$ 865,578	\$ 230,090
64-J	Wawa, Inc.	Wawa Inc	Hampton	Hampton Roads	\$ 591,165	\$ 410,810
64-K	AssetCo HPC Leasing, LLC (DBA MN8 Energy)	Norfolk Premium Outlets	Norfolk	Hampton Roads	\$ 750,000	\$ 1,255,798
66-A	Tesla, Inc.	Royal Farms - Front Royal VA	Front Royal	Staunton	\$ 449,209	\$ 211,392
77-C	Love's Travel Stops & Country Stores, Inc.	Love's	Lambsburg	Salem	\$ 700,000	\$ 608,973
77-D	Love's Travel Stops & Country Stores, Inc.	Love's	Bastian	Bristol	\$ 600,000	\$ 518,665
81-E	Love's Travel Stops & Country Stores, Inc.	Love's	Meadowview	Bristol	\$ 700,000	\$ 608,973
81-F	PowerUp America LLC	PUA 6	Buchanan	Salem	\$ 904,332	\$ 240,392
81-G	Tesla, Inc.	Sheetz	Mount Jackson	Staunton	\$ 439,009	\$ 206,592
85-C	Tesla, Inc.	Davis Travel Center	Warfield	Richmond	\$ 438,453	\$ 206,331
95-E	Universal EV LLC	Hampton Inn Richmond	Richmond	Richmond	\$ 590,970	\$ 410,674
95-F	Koulomb LLC	Shoppes at 703	Ashland	Richmond	\$ 245,000	\$ 246,125
95-G	Love's Travel Stops & Country Stores, Inc.	Love's	Ruther Glen	Fredericksburg	\$ 600,000	\$ 708,973
					\$ 9,887,568	\$ 7,166,809

* Proposed awards subject to change pending environmental review, applicant willingness to proceed, site host negotiation, and other factors

NEVI Phase 1-B Proposed Awards*

Target Area	Applicant	Site Host	Location	District	Award	Applicant Match
17-A	Wawa, Inc.	Wawa Inc	Chesapeake	Hampton Roads	\$ 592,131	\$ 411,481
17-B	eCAMION USA, Inc. (DBA Jule)	Dunkin Donuts	Carrollton	Hampton Roads	\$ 656,427	\$ 174,493
17-C	Wawa, Inc.	Wawa Inc	Yorktown	Hampton Roads	\$ 582,635	\$ 409,966
17-D	eCAMION USA, Inc. (DBA Jule)	BP Gas Station	Saluda	Fredericksburg	\$ 656,427	\$ 174,493
17-E	Wawa, Inc.	Wawa Inc	Tappahannock	Fredericksburg	\$ 590,305	\$ 410,212
17-F	Francis Energy Charging, LLC	Sheetz	Fredericksburg	Fredericksburg	\$ 866,697	\$ 216,674
23-A	Francis Energy Charging, LLC	Black Diamond Markets	Duffield	Bristol	\$ 1,089,968	\$ 272,492
23-B	Universal EV LLC	Econo Lodge Inn & Suites	Norton	Bristol	\$ 592,292	\$ 411,592
29-A	GPM3, LLC	Fast Mart Store: 120	Danville	Lynchburg	\$ 629,683	\$ 157,420
29-B	GPM Apple, LLC	Apple Market: Store #507	Gretna	Lynchburg	\$ 629,683	\$ 157,420
29-C	Envirospark Energy Solutions, LLC	Waffle House	Madison Heights	Lynchburg	\$ 690,443	\$ 230,148
29-D	Red E Charge, LLC	Exxon Mobil Lovingston	Lovingston	Lynchburg	\$ 629,683	\$ 157,420
29-E	Wawa, Inc.	Wawa Inc	Charlottesville	Culpeper	\$ 606,068	\$ 421,166
29-F	eCAMION USA, Inc. (DBA Jule)	Days Inn by Wyndham	Culpeper	Culpeper	\$ 656,427	\$ 174,493
460-A	Universal EV LLC	Quality Inn	Salem	Salem	\$ 592,124	\$ 411,476
460-B	Francis Energy Charging, LLC	GoMart	Bedford	Salem	\$ 940,648	\$ 235,162
460-D	Universal EV LLC	Crewe Boutique Inn	Crewe	Richmond	\$ 593,687	\$ 412,562
460-E	Universal EV LLC	BP	Waverly	Hampton Roads	\$ 592,153	\$ 411,496
460-F	Universal EV LLC	Hampton Inn	Suffolk	Hampton Roads	\$ 592,955	\$ 412,053
					\$ 12,780,436	\$ 5,662,219

* Proposed awards subject to change pending environmental review, applicant willingness to proceed, site host negotiation, and other factors

What's Next – NEVI Phase 1-B

Milestone	Date*
Issue Notices of Intent to Award	October 2024
Site Assessment & MPO Coordination	November 2024 – January 2025
Grant Agreement Executions	February – April 2025
Issue Notices to Proceed	March – May 2025

*Projected - Following Notice of Intent to Award each Award is executed individually

What's Next – NEVI Phase 1-C

- Release Phase 1-C RFA in Spring 2025
- Consider additional redundancy
- Evaluate Phase 1-B Target Areas without awards needed to meet every 50-mile requirement - 2 areas along State Highway AFCs identified:
 - US Route 17/29 (south of Warrenton)
 - US Route 460 (east of Appomattox)
- Expand/revise target areas based on recent awards

NEVI Phase 2

- Once all Virginia AFCs are certified Fully Built Out by FHWA with NEVI compliant stations at least every 50 miles, NEVI Formula funding may be used on any public road or in other publicly accessible locations
- VDOT aims to achieve Fully Built Out status with Phase 1
- VDOT plans to issue annual Phase 2 funding opportunities that may include:



**Additional Stations
on Existing AFCs**



**Stations on
Additional
Corridors**



**Upgrades and
Expansions of
Existing Stations**



**Medium- & Heavy-
Duty Vehicle
Charging Stations**

- VDOT expects to refine Phase 2 based on future federal guidance and requirements