



# **VIRGINIA'S NATIONAL ELECTRIC VEHICLE INFRASTRUCTURE PROGRAM AWARDS**

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# 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:

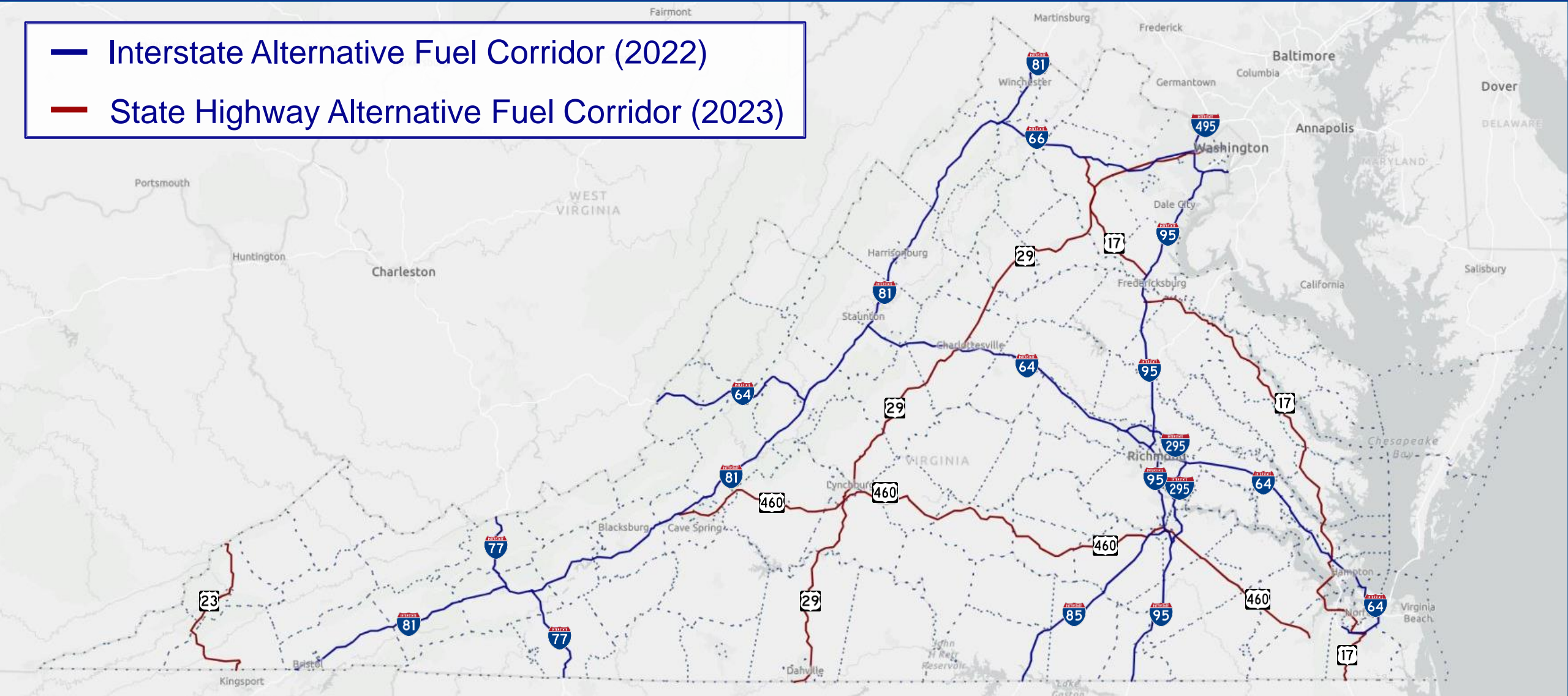
- On Alternative Fuel Corridors (AFCs)
  - Prioritize interstate highways
- At least every 50 miles along AFCs
- No more than 1 mile from an AFC exit
- At least 150 kilowatts per port
- At least 4 charging ports
- At least 20% third party cost match

# 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)

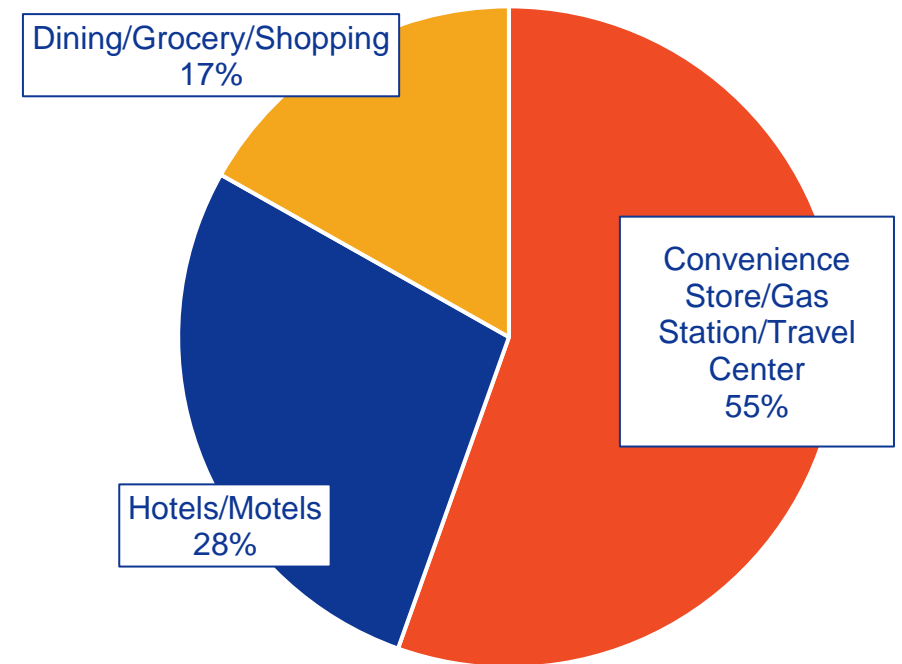


# NEVI Phase 1-A Request for Applications (RFA) Review

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

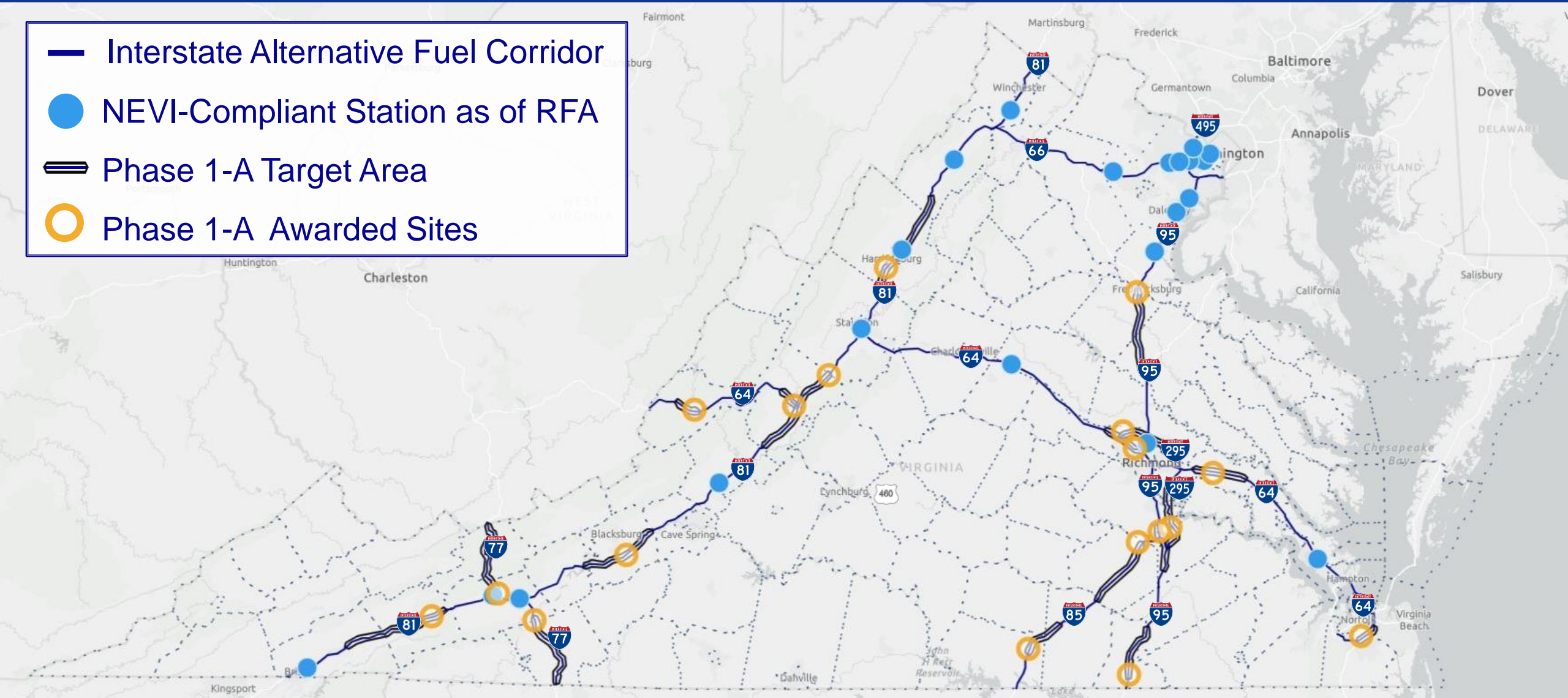
Applicant Charging Station Site Types





# 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



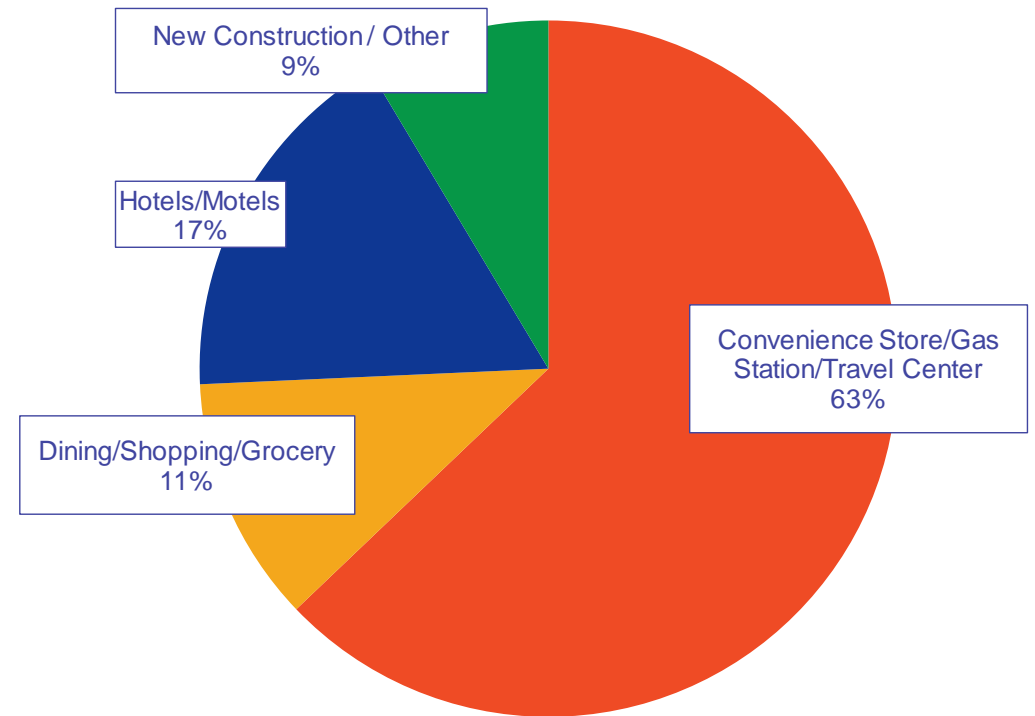


# NEVI Phase 1-B Awards

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

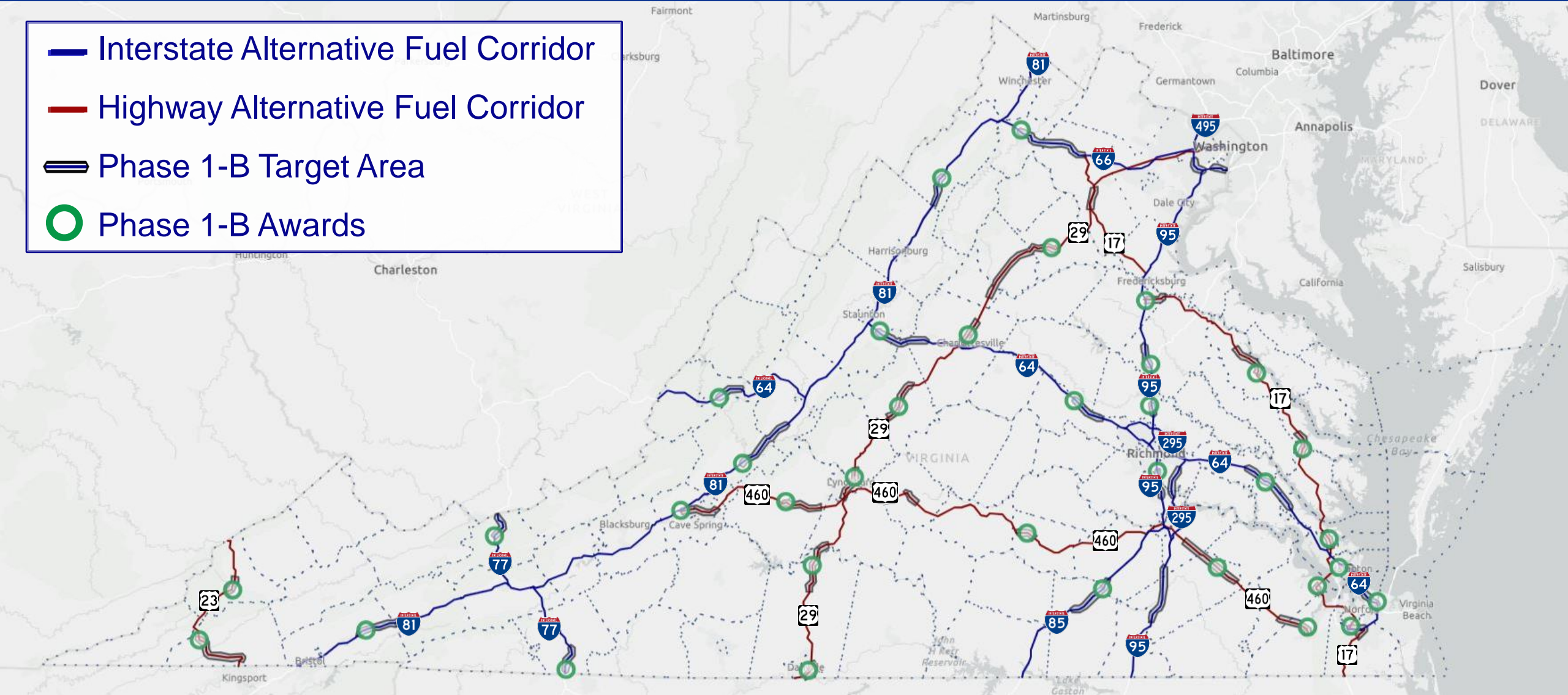
- Total awarded sites: 35
- Total unique awardees: 13
- Total funding award: \$ 22,668,004
  - Range: \$245,000 to \$1,089,968
  - Average: \$647,657
- Average applicant match: 36% of total project cost

Applicant Charging Station Site Types



# NEVI Phase 1-B Awards

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



# NEVI Phases

## Planning (Est. \$2M)

Program Development, Outreach, AFC Designation, Annual NEVI Plan

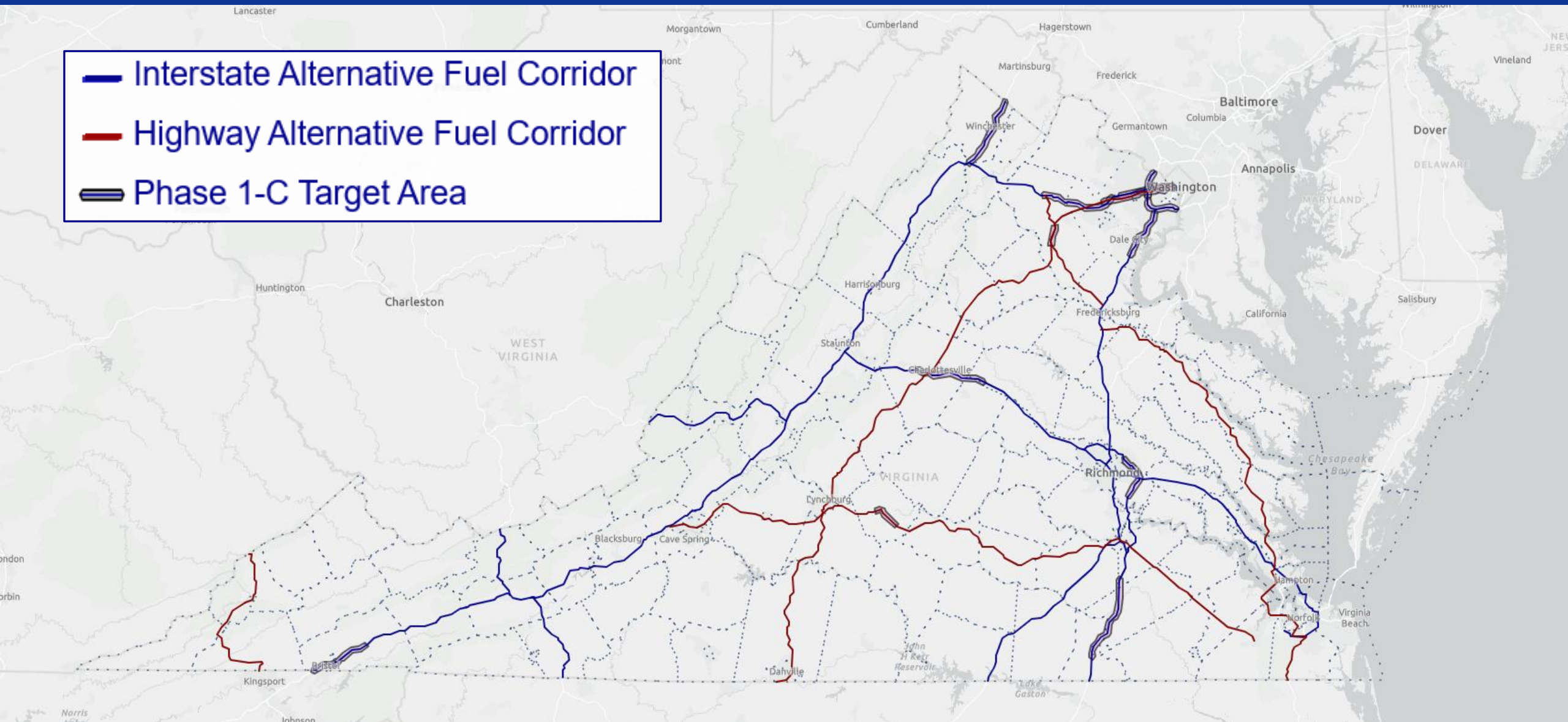
	<b>Phase 1-A (\$11M)</b> Interstate AFCs						
		<b>Phase 1-B (Est. \$23M)</b> Primary Highway AFCs, Interstate AFCs					
			<b>Phase 1-C (Est. \$20M)</b> Primary Highway AFCs, Interstate AFCs				
				<b>Phase 2-A (Est. \$25M)</b> AFC Redundancy, Additional Corridors			
					<b>Phase 2-B (Est. \$25M)</b> AFC Redundancy, Additional Corridors		
FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY2029

# What's Next – NEVI Phase 1-C

- Release Phase 1-C RFA in 2025
- Mapping is available now – 13 Target Areas
- 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)



# Phase 1-C Mapping



# Contact us!

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