

## ALTERNATIVE FUELS CORRIDOR

Section 1413 of the Fixing America's Surface Transportation (FAST) Act requires the Secretary of Transportation to designate national electric vehicle (EV) charging, hydrogen, propane, and natural gas fueling corridors. The Federal Highway Administration (FHWA) is working with other federal, state, and local officials, as well as private industry, to help plan and promote an Interstate network of stations that will fuel vehicles powered by clean and domestically produced alternative fuels, so commercial and passenger vehicles can reliably travel between cities, regions, and across the entire nation.

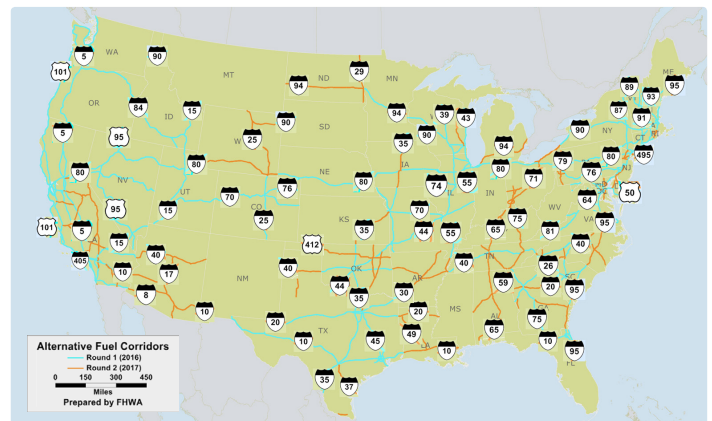
### Current Status

FHWA recently completed the second round of Alternative Fuel Corridor designations. Once again, one of two designations have been assigned to each nominated highway segment:

- "Corridor Ready," - A sufficient number of facilities exist on the corridor to allow for corridor travel using one or more alternative fuels
- "Corridor Pending," - An insufficient number of facilities currently exist on the corridor to allow for corridor travel using one or more alternative fuels

Designation status for each fuel type were based on the following criteria:

- *EV charging*: EV charging<sup>1</sup> facilities at 50 mile intervals along designated EV corridors.
- *Hydrogen*: Hydrogen fueling facilities at 100 mile intervals along designated hydrogen corridors.
- *Propane*: Propane fueling facilities at 150 mile intervals along designated propane corridors.
- *Natural gas*: Compressed natural gas (CNG) and liquefied natural gas (LNG) facilities at 150 mile intervals and at 200 mile intervals respectively along designated corridors.



### To date, FHWA's Alternative Fuels Corridor Program has included

- **58 Nominations**
- Designations on segments or entire lengths of **84 Interstate corridors** (including Hawaii)
- **44 states** (plus the District of Columbia) designated as corridor-ready or corridor-pending for one or more alternative fuel types
- Covers over **100,000 miles** of the National Highway System (all fuels combined)

<sup>1</sup> FHWA's objective is to establish DC Fast Charge (Level 3) infrastructure at 50 mile intervals for corridor designations made in 2017 and later.



FHWA has developed signage for Alternative Fuel Corridors in compliance with *The Manual on Uniform Traffic Control Devices for Streets and Highways* (MUTCD). Information on the usage of this signage can be found on the website below. Several states are in the process of have already installed highway signage including SC, MN, NV, and RI.

FHWA intends to support the expansion of the national network of alternative fuel corridors, by establishing a process outlining the necessary steps and required information for future rounds of designations. The process will help to support and meet the 2020 aspirational goal outlined below.

## Aspirational Goal

The FAST Act requires the US Department of Transportation (U.S. DOT) to identify an aspirational goal for achieving strategic deployment of EV charging and hydrogen, natural gas, and propane fueling infrastructure by Fiscal Year 2020, and to identify standardization needs.

FHWA was responsible for developing the 2020 Aspirational Goal. Some highlighted priorities supporting the goal include:

- Develop national signage branding to help catalyze applicant and public interest;
- Encourage multi-State and regional cooperation and collaboration on planning for and developing additional fueling locations along corridors;
- Foster enhanced coordination and shared infrastructure investment and education/outreach efforts among and between the public and private sectors, and;

- Continue USDOT-DOE collaboration to help promote and advance the alternative fuel corridor designations; to develop criteria and a plan for a national network of DC fast charging stations; and efforts to increase the availability of alternative fuel station data on mobile platforms.

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For additional information, please visit: [http://www.fhwa.dot.gov/environment/alternative\\_fuel\\_corridors](http://www.fhwa.dot.gov/environment/alternative_fuel_corridors)