

Alternative Fuel Corridors Round 3 - Request for Nominations

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National Alternative Fuel Corridors



To improve the mobility of alternative fuel vehicles, the U.S. Department of Transportation (DOT) has designated national corridors in strategic locations along major highways for:

- ▶ Plug-in electric vehicle charging
- ▶ Hydrogen fueling
- ▶ Propane (LPG) fueling
- ▶ Natural gas (CNG, LNG) fueling

Benefits of a National System

ALTERNATIVE FUELS CORRIDOR

- Allows for inter-city, regional, and national travel using clean-burning fuels
- Addresses range anxiety
- Integrates with existing transportation planning processes
- Accelerates public interest and awareness of alternative fuel availability

Combined Results

- Designations....
 - ✓ **58** nominations
 - ✓ Includes portions/segments of **84** Interstates, along with **43** US highways/state roads
 - ✓ Comprise **44 states plus D.C.**
 - ✓ Covers **over 100,000** miles of the National Highway System (all fuels combined)

2018 Request for Nominations

5

- Issued Round 3 request for nominations in October 5, 2018
- Distributed through FHWA Division Offices
- Nominations due the end of January 2019
- Designations made in spring 2019
- Some changes in shapefile submissions
- Request for Nominations posted on AFC website at:
 - ✓ https://www.fhwa.dot.gov/environment/alternative_fuel_corridors/nominations/index.cfm

Corridor-Ready Criteria for Round 3 Nominations

6

EV	CNG	LNG	Hydrogen	Propane
DCFC only	150 miles between stations	200 miles between stations	100 miles between stations	150 miles between stations
50 miles between stations	5 miles from highway			5 miles from highway
5 miles from highway	Public stations only	5 miles from highway	5 miles from highway	Public stations only
Public stations only (no Tesla)	Fast fill, 3,600 psi	Public stations only	Public stations only	Primary stations only

Round 3 Request for Nominations

- Can be submitted by **ANY state or local official**
- Focus is on **Interstate highways** but allows for a compelling case to be made for other highways
- **State DOT** with jurisdiction over corridor must be aware and supportive of nomination
- **Multi-state and regional** applications/approaches are encouraged
- A **plan for signage** on the corridor is required
- **GIS Shapefile** information required:
 - ✓ Additional guidance in RFN

Round 3 Request for Nominations

- Identifies the following **FHWA areas of interest** for nominations:
 - ✓ States that have no corridor designations (pending or ready)
 - ✓ States that have not submitted an application as a lead
 - ✓ States that currently have existing Interstates/highways that are corridor-ready for one or more alternative fuels, but have not submitted a nomination
 - ✓ Nominations that will complete the nation's longest and heavily traveled highways for one or more alternative fuels. For example, I-95, I-10, I-80, I-40, I-35, I-65, I-70, I-81, I-90
- Nominations that take into consideration the next fueling site over the state or international borders are encouraged

Updates and News

9

- Revised/updated FAQ's on AFC website:
 - ✓ https://www.fhwa.dot.gov/environment/alternative_fuel_corridors/resources/faq/index.cfm
- CMAQ funding eligibility for AFC signage
- MUTCD Update:
 - ✓ https://mutcd.fhwa.dot.gov/mutcd_news.htm



I-26 (South Carolina)

Updates and News

10

- MotorWeek segment
 - ✓ <https://www.youtube.com/watch?v=QZhLFqTXb-g>
- TRB Webinar Recording:
 - ✓ <http://www.trb.org/ElectronicSessions/Blurbs/178245.aspx>
- Three AFC Regional Convenings planned for 2019:
 - ✓ <http://altfueltoolkit.org/midwest-alternative-fuel-corridor-convening/>



Future of AFC Program

11

- Request for Nominations on an annual basis under life of FAST Act
- Possible inclusion in the next transportation reauthorization bill
- Enhanced coordination efforts with Clean Cities Program/NREL
- Enhanced collaboration with stakeholders including industry



For More Information

12

DOT Alternative Fuel Corridor Team Contact Information

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Resources

FHWA Alternative Fuel Corridor website:

http://www.fhwa.dot.gov/environment/alternative_fuel_corridors/

MUTCD Memorandum – Signing for Designated Alternative Fuel Corridors:

https://mutcd.fhwa.dot.gov/resources/policy/alt_fuel_corridors/index.htm

DOE/NREL Alternative Fueling Station Locator:

<https://www.afdc.energy.gov/locator/stations/>