Alternative Fuel Corridors
Round 3 - Request for Nominations
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

- 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

- 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:
  
## Corridor-Ready Criteria for Round 3 Nominations

<table>
<thead>
<tr>
<th>Fuel Type</th>
<th>Distance Between Stations</th>
<th>Distance from Highway</th>
<th>Station Type</th>
<th>Additional Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>EV</strong></td>
<td>DCFC only</td>
<td>150 miles between stations</td>
<td>5 miles from highway</td>
<td>Public stations only (no Tesla)</td>
</tr>
<tr>
<td></td>
<td>50 miles between stations</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>5 miles from highway</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>CNG</strong></td>
<td>200 miles between stations</td>
<td></td>
<td>5 miles from highway</td>
<td>Public stations only</td>
</tr>
<tr>
<td><strong>LNG</strong></td>
<td>100 miles between stations</td>
<td></td>
<td>5 miles from highway</td>
<td>Public stations only</td>
</tr>
<tr>
<td><strong>Hydrogen</strong></td>
<td>150 miles between stations</td>
<td></td>
<td>5 miles from highway</td>
<td>Public stations only</td>
</tr>
<tr>
<td><strong>Propane</strong></td>
<td>5 miles from highway</td>
<td></td>
<td>Public stations only</td>
<td>Primary stations only</td>
</tr>
</tbody>
</table>
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 of 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

➢ 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

➢ MotorWeek segment
   ✓ https://www.youtube.com/watch?v=QZhLFqTXb-g

➢ TRB Webinar Recording:

➢ Three AFC Regional Convenings planned for 2019:
   ✓ http://altfueltoolkit.org/midwest-alternative-fuel-corridor-convening/
Future of AFC Program

- 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

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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:

DOE/NREL Alternative Fueling Station Locator:
https://www.afdc.energy.gov/locator/stations/