

2nd UIC Workshop on Beneficial Electrification of Transportation focuses on Transportation Electrification Infrastructure: Technology, Installation & Ownership

- ❑ IDOT Alternative Fuel Corridor Designation 2016-2018
- ❑ Midwest Regional Collaboration
- ❑ Up Next at IDOT



IDOT Alternative Fuel Corridor Designation 2016

- ❑ 2016 the FHWA sought to create a national network of alternative fueling and charging infrastructure along National Highway System
- ❑ Signage Ready - there are a sufficient number of facilities on the corridor to warrant signage that alerts drivers of the availability of alternative fueling stations
- ❑ Signage Pending - corridors that do not have sufficient alternative fuel facilities to warrant highway signage

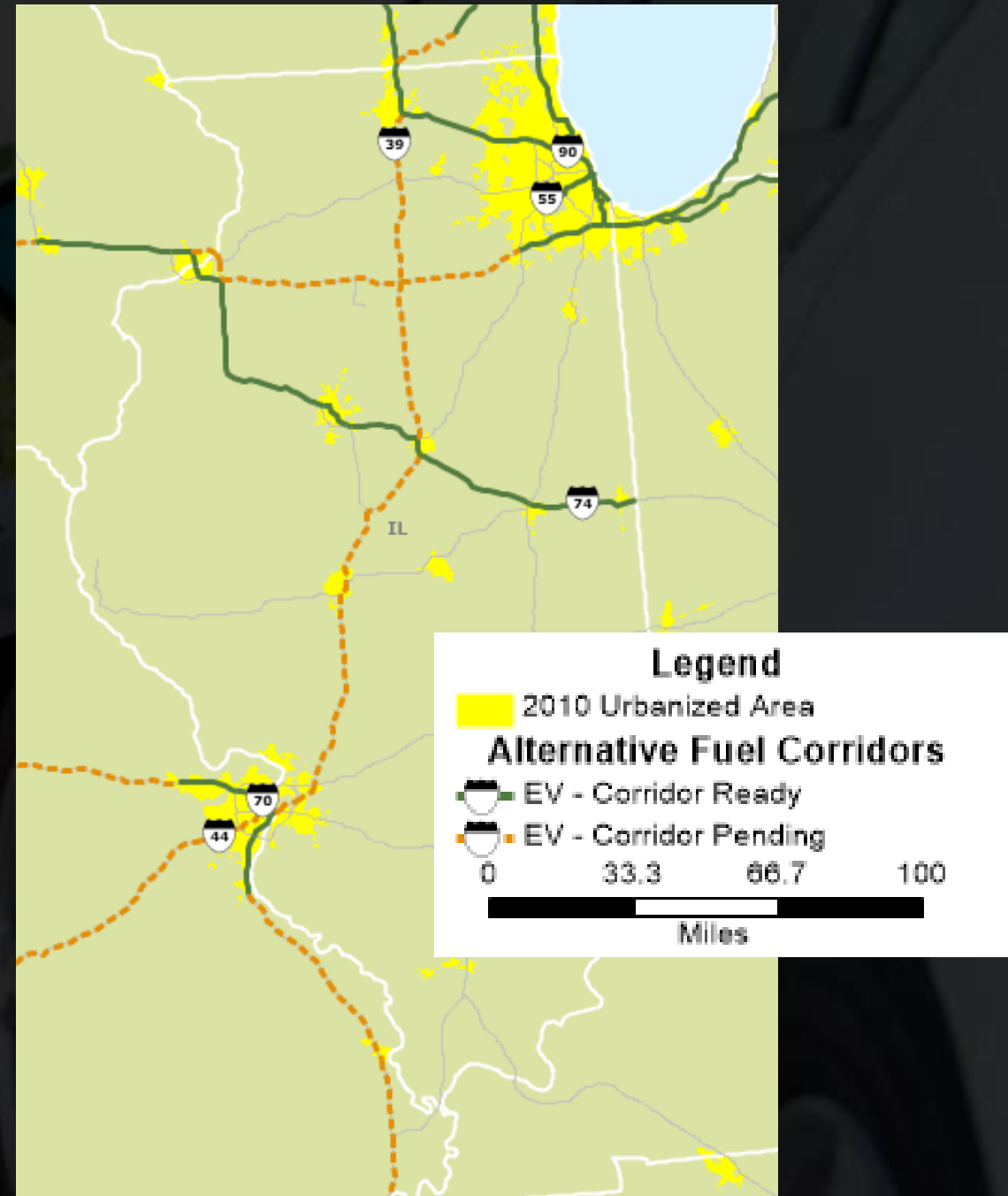


| Fuel/Technology | Signage Ready^b NHS Segment has... | Signage Pending^c NHS Segment has... |
|--------------------------------|---|--|
| EV Charging^d | Public DC Fast Charging no greater than 50 miles between one station and the next on corridor | Public DC Fast Charging chargers separated by more than 50 miles |
| Hydrogen^e | Public hydrogen stations no greater than 100 miles between one station and the next on the corridor | Public hydrogen stations separated by more than 100 miles |
| Propane^f | Public, primary propane stations no greater than 150 miles between one station and the next on the corridor | Public, primary propane stations separated by more than 150 miles |
| CNG | Public fast fill, 3,600 psi CNG stations no greater than 150 miles between one station and the next on the corridor | Public, fast fill, 3,600 psi CNG stations separated by more than 150 miles |
| LNG | Public LNG stations no greater than 200 miles between one station and the next on the corridor | Public LNG stations separated by more than 200 miles |

IDOT Alternative Fuel Corridor Designation 2016

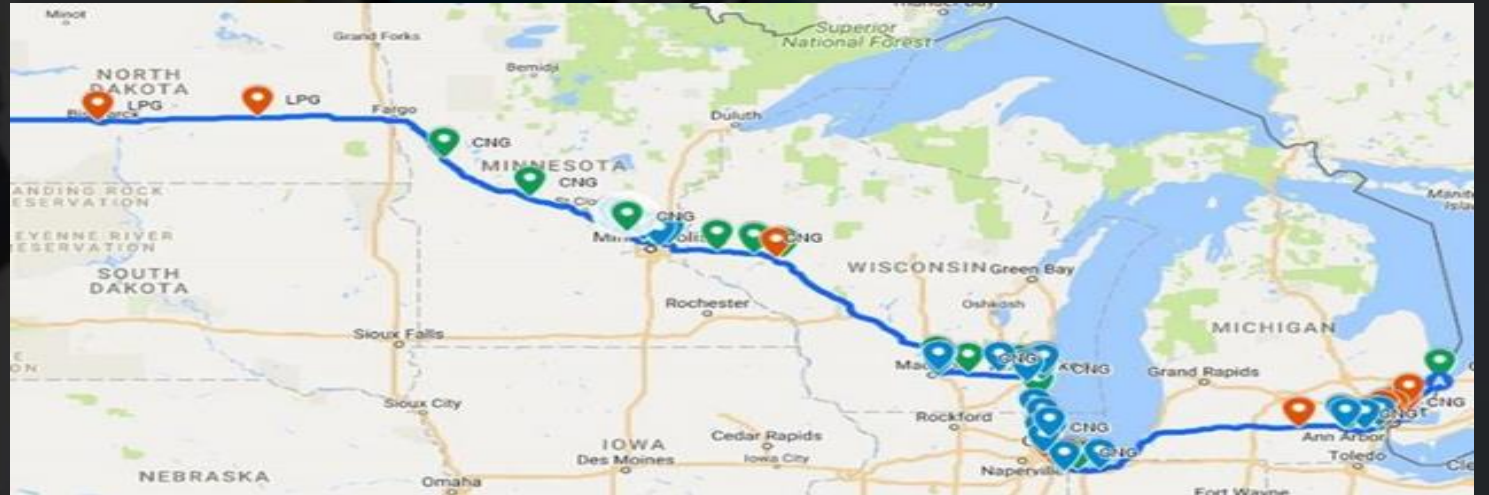
- Electric Vehicle Signage Ready
 - I-39 From Rockford IL to Sun Prairie WI
 - I-55 From Chicago IL to Bloomington IL
 - I-74 From IL/IA border to IL/IN border
 - I-80 From IL/IN border to Joliet IL
 - I-90 From IL/IN border to Sun Prairie WI; and, from La Crosse WI to Sparta WI.
 - I-94 From Sun Prairie WI to IL/IN border

- Electric Vehicle Signage Pending
 - I-39: From Normal IL to Rockford IL
 - I-55: From Bloomington IL to St. Louis.
 - I-80: From Joliet IL to IL/IA border.



IDOT Alternative Fuel Corridor Designation 2016

- ❑ Multi-State Collaborations
 - ❑ I-94 MN, MI, IN, IL, and WI

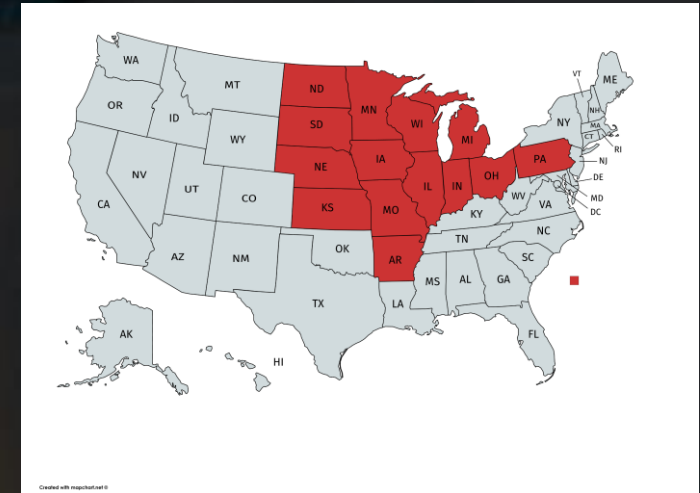


- ❑ I-80 IL, IA, IN, NY, NJ, OH, and PA



Midwest Regional Collaboration

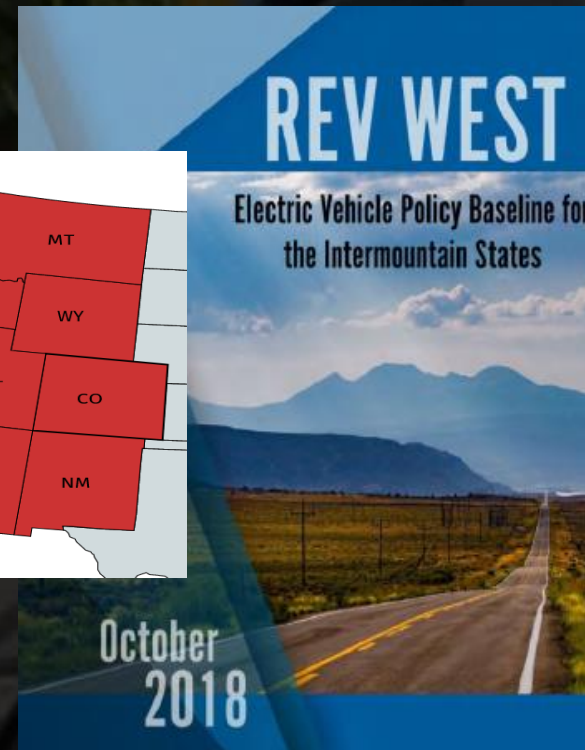
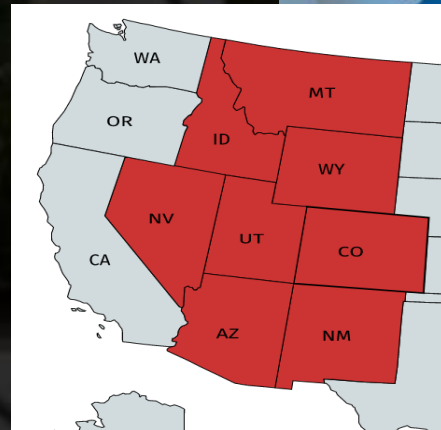
- ❑ July 17-18th 2019 IEPA and IDOT were invited to the first ever Central Region EV Corridor Collaboration In-Person Meeting
- ❑ Built out of vision Tim Sexton from Minnesota DOT had for a Midwest Regional Collaboration during the nomination process for I-94
- ❑ The collaboration would focus on pooling resources and best practices to promote the use of EV's
- ❑ Use shared resources to entice industry to invest on regional significant routes with EV infrastructure
- ❑ The collaboration meeting was guided by the Great Plains Institute which will be a strategic partner in the future activity of the collaboration



**GREAT PLAINS
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Midwest Regional Collaboration

- ❑ Established collaborations on the east and west coasts show the need for a Midwest collaboration
 - ❑ Northeast States for Coordinated Air Use Management (NESCAUM) formed the Multi-State ZEV Task Force
 - ❑ The National Association of State Energy Officials helped form REV West



Up Next at IDOT

- ❑ July 3rd 2019 FHWA put out a Solicitation for Alternative Fuels Corridor Deployment Plans
 - ❑ IDOT worked with the original 6 states from the I-80 multi-state designation to prepare an application for this solicitation
 - ❑ The states partnered with Argonne National Laboratory, the Clean Cities Coalition, and a private partner—Trillium a member of the Love's Family of Companies
 - ❑ The goal of the research will be to prepare findings on best locations for both EV and CNG infrastructure to upgrade all portions of I-80 in these states from signage pending to signage ready



The background of the slide is a dark, semi-transparent image of an electric car being charged at a station. The car is white and is parked at a charging station with a charging cable plugged into its port. The scene is set outdoors with some greenery visible in the background.

Thank you

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