

# FHWA Update

Gloria M. Shepherd, Associate Administrator  
Office of Planning, Environment and Realty  
Federal Highway Administration

2016 AASHTO Annual Meeting  
Resilient and Sustainable Transportation Systems Steering Committee

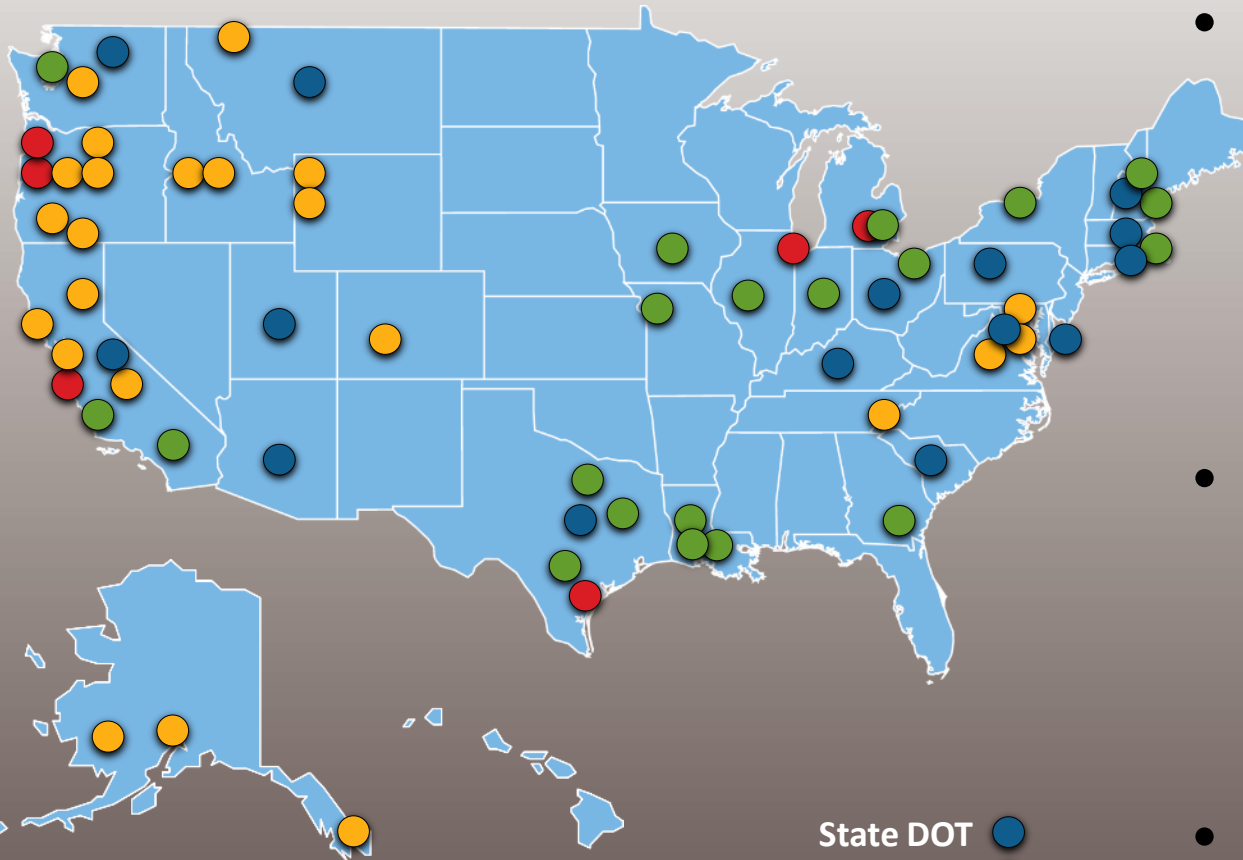



# Alternative Fuel Corridor Designations

- Announced first round of designations on November 3, 2016
  - 35 states and D.C.
  - 55 Interstates (entire length or portions)
  - Comprises nearly 85,000 miles of the NHS
- Developing a report, by December 2016, to:
  - Identify infrastructure and standardization needs
  - Establish goal for deploying fueling infrastructure by end of FY 2020



# Infrastructure Voluntary Evaluation Sustainability Tool (INVEST)



- State DOT 
- Metropolitan Planning Org. (MPO) 
- Federal Lands Unit 
- Other 

- Developed case studies:
  - MassDOT
  - Monterey County
  - TxDOT
- Soliciting third round of implementation sites.
- Updating based on user experience.



# Green Infrastructure Techniques for Coastal Highway Resilience

- Developing nature-based solutions can help protect coastal highways from storm surge and sea level rise
  - Examples: dunes, wetland living shorelines, oyster reefs, beaches
- 5 pilot projects underway
  - DOTs: MS, DE, OR and ME/NH
  - USACE: NJ
  - Pilots will produce peer exchanges and an implementation guide



# Transportation Engineering Approaches to Climate Resilience (TEACR Project)

- Developing approaches for using climate projections in engineering analyses for project development and scoping
- TEACR includes:
  - Gap Analysis
  - Case Studies, to be completed in December 2016
  - Synthesis Report, to be completed mid-2017



# CEQ Climate Change Guidance

- Documentation for all new EAs and EISs should include an:
  - Analysis of greenhouse gas emissions
  - Impacts of climate change on the project and affected environment
- Developing guidance and resources:
  - [Webinar recording](#) on guidance
  - Guidance and Q&As on how to implement this guidance



# Project Delivery Timeframes

- Completion times for EIS projects before SAFETEA-LU was 68 months
- Targeted EIS completion timeframe is 48 months
- Median completion timeframes:
  - CE: 3.2 months (post-MAP-21)
  - EA: 14 months (post-MAP-21)
  - EIS: 45.5 months (post-SAFETEA-LU)

