FHWA Update

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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)

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

www.sustainablehighways.org
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
• 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
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)