TRANSPORTATION HAZARDS & SECURITY SUMMIT 2009: PROGRESS THROUGH PARTNERSHIPS

INFRASTRUCTURE SECURITY ROUNDTABLE DISCUSSION

BRIDGE AND TUNNEL SECURITY

IRVINE, CALIFORNIA
AUGUST 24, 2009
Government Coordinating Council (GCC)
- Working on strategic documents such as the Sector Annual Report (SAR) and the Transportation Systems Sector-Specific Plan (TS SSP)
- Membership includes 17 Federal Agencies and 6 State Organizations
- Creating GCC/SCC Joint Working Groups; Quarterly CIPAC SCC meetings

Intermodal Security Training Exercise Program
- TSA HMC conducts exercises using the (I-STEP): (Truck, Motorcoach, School Bus & Infrastructure)
  - Four completed, three more planned for 2009.
  - Planning two exercises per month for 2010 in Highway modes.
- HMC Tele-Conference Calls – Quarterly calls with each sub-mode
- TSA Highway and Motor Carrier Web site: www.tsa.gov/highway
- HMC email: highwaysecurity@dhs.gov
TSA, with DHS Offices of Policy, Science and Technology, Infrastructure Protection and Federal Highway Administration, has created a National Strategy for Highway Bridge Security (NHBS).

NHBS identifies short-, mid- and long-term approach to enhancement of critical highway bridge security through investments of most-effective technology, structural hardening during periodic maintenance and appropriate new structures design in the future, to include security.

NHBS lays a foundation for best-use of any new Homeland Security funds that may be made available to augment existing safety funds from Highway Trust Fund.
Criteria for Initial Selection by TSA

- **AADT = 200,000 +**
  - Annual Average Daily Traffic equal to or greater than 200,000 vehicles per day.

- **Main Span = 30 Meters +**
  - Bridge or tunnel main span is equal to 30 meters or greater.

- **Detour Length = 4 KM +**
  - Detour length is equal to or greater than 4 kilometers.

- **Additional Criteria:** TSA has requested additional information from state personnel to include co-located infrastructure, more current AADT and data.

- **NOTE:** Not all states have submitted data.
Critical Highway Structure Security

- TSA-Identified 2009 Tier II Critical Highway Structures
  - 45 Bridges
  - 13 Tunnels
  - 1 Highway conveyance terminal:
    - Structures nominated by state Homeland Security advisors.
Critical Highway Structures Initiatives

- Critical Structures Vulnerability Assessments:
  - TSA will conduct vulnerability assessments on critical structures. Assessments are anticipated to begin in the first quarter of FY 2010.

- Structural Security Review by State Personnel:
  - TSA will initiate a pilot project in which state bridge safety inspectors will compile security data on highway bridges during bi-annual bridge safety inspections. Data to be entered into TSA structural preparedness databases. HMC has received input on this initiative from the states of New Jersey, Virginia, Maryland, and Florida. New Jersey will test the initiative. The initiative will be featured at Infrastructure Workshop in New Jersey in October 2009.
Other Infrastructure Initiatives

Corporate Security Reviews (CSRs)
- 48 Initial State DOT CSRs
- 4 Revisit State DOT CSRs

Infrastructure Risk Assessment
- Stakeholder Meetings held in March and June
- Attendees included AASHTO, State DOTs and FHWA

Domain Awareness Guides
- Provide security guidance for bridge and tunnel owners/operators
- Will work with AASHTO to develop content
Highway & Motor Carrier POCs

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