

Bureau of Structural Engineering

Hannah Cheng



TRB 98th Annual Meeting, January 13-16, 2010, Washington, DC

NJDOT Annual TRB Roundtable Meeting

- Bridges and Structures

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NJDOT



Workshops Attended

- Workshop 1080 – “Resilience, Safety, and Security of Bridges and Tunnels: US and International Topics”
 - “4R” – Robustness, Redundancy, Resilience, Rapidity of Response;
 - National Security Blue Ribbon Panel;
 - FHWA new Bridge Security Manual (2017); FHWA R&D and funding;
 - TRB Event: RIME Summit, Webinar;
 - Takeaway: **FHWA Bridge Security Manual** -> update NJDOT Bridge Design Manual “Bridge Security” Section
- Workshop 1069 – “Latest Innovations in Accelerated Bridge Construction (ABC)”
 - QC/QA, UHPC, Visualization/3D Modeling, etc.

Committee/Subcommittee Meetings Attended

- **AFF10 – “General Structures” Committee** (*Scan tour; software; truck platooning; MASH; Damper*)
- **AFF10(1) – “Traffic Structures” Subcommittee**
- **AFF20 – “Steel Bridges” Committee**
- **AFF50 – “Seismic Design and Performance of Bridges”**
- **AFF00(2) – “Accelerated Bridge Construction” Committee**
- **AFF00 / AASHTO COBS / FHWA Structures Collaboration**
 - FHWA Bridge Office updates (NBI; platoon trucks; drones; MASH);
 - FHWA R&D updates;
 - NCHRP project updates;
 - AASHTO vs TRB matching committees

Lectern Sessions Attended

- #1287 - Transportation Secretary Elaine L. Chao Addresses “Our Transportation Future”
 - Drones (safety, security, privacy);
 - Automated Vehicles;
 - Commercial Space; -> update policy
- #1472 – “FHWA Long-Term Bridge Performance Program” (LTBP)
NBIS data implementing; LTBP data collection/analysis; LTBP InfoBridge™)
- #1329 – “Advances in Structural Engineering: Bridges and Ancillary Structures”
- #1257 – “Advances in Seismic Bridge Analysis and Design”

TRB Turns 100 Years in 2020