

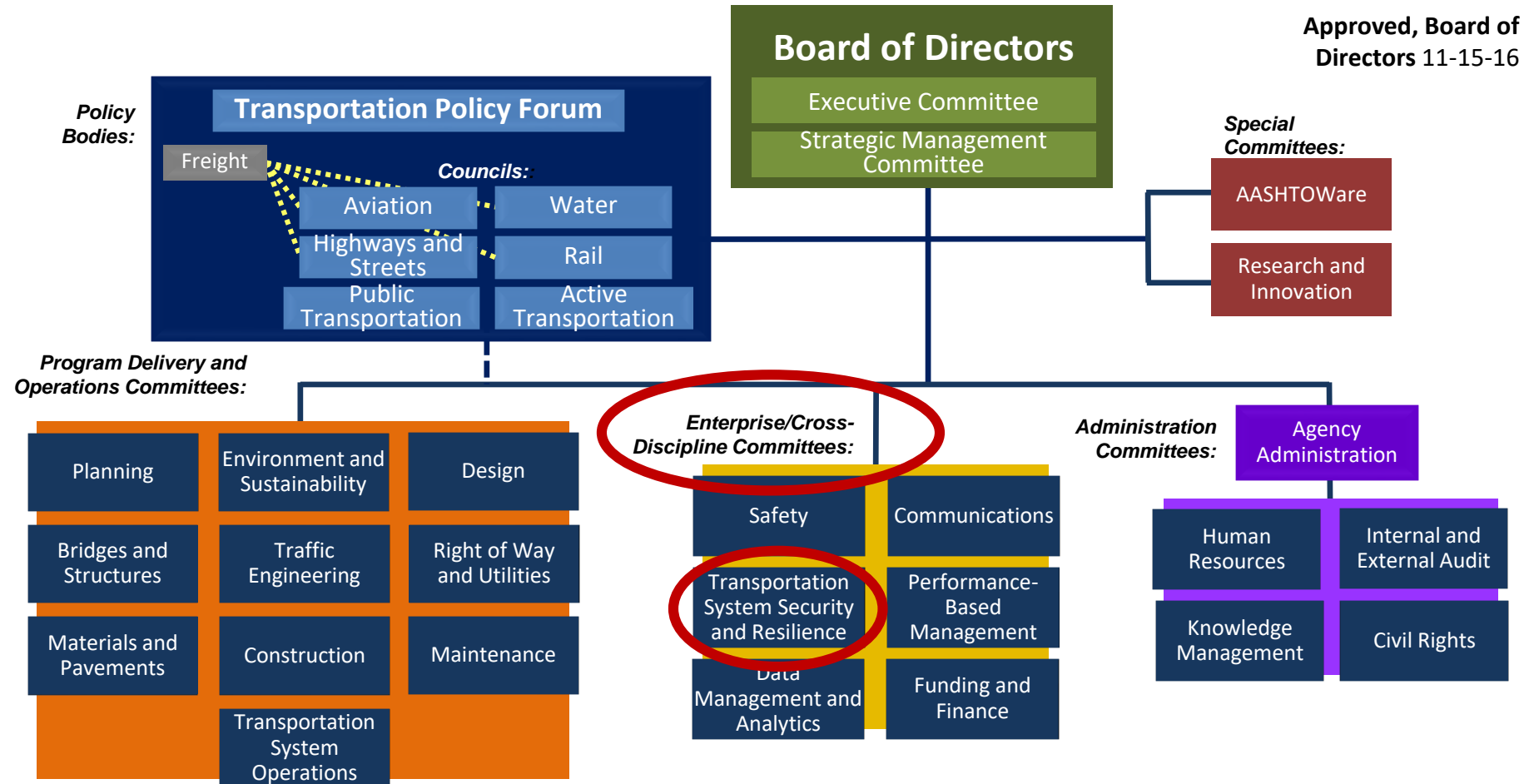
Climate Resilience: US and International Approaches

June 29, 2020

Agenda

- Welcome and Housekeeping
- Dutch Stress Test – Kees Muiswinkel and Myrthe Leijstra
- Conference of European Directors of Roads (CEDR) Resources – Gordana Petkovic
- Culvert Risk Mitigation Planning – Lizzie Kemp, CDOT Resiliency Program Manager
- Climate Resilience Transportation Risk Assessment – Judy Gates, HNTB (formerly Maine DOT)
- Panel Q & A
- FHWA and AASHTO Resources – Tina Hodges, FHWA & Melissa Savage, AASHTO
- Final Q & A; Conclusion

AASHTO Committee Restructuring



AASHTO Adopted Definition

Resilience:

*“The ability to **prepare** and **plan** for, **absorb**, **recover** from, or more successfully **adapt** to adverse events.”*



AASHTO Resilience Activities 2017-2019



Resilience Peer
Exchange
November
2017

RISE
Conference
October 2018

TR2019
November
2019

AASHTO Resilience Peer Exchange 2017



- 36 State DOTs; FHWA; TRB
- Keynote Presentations
- Facilitated Breakouts

- Center for Environmental Excellence Task
- Two day Peer Exchange





AASHTO & TR2019

- Sponsored event and participated on the Conference Planning Committee
- Worked with each state DOT CEO to identify practitioners to attend and participate in TR2019
- Held AASHTO CTSSR meeting during TR2019; TSSR Chair spoke on state DOT leadership panel
- Participated in closing session to identify future Center for Environmental Excellence products/programs

AASHTO & Resilience: What's Next

Suggested Center for Environmental Excellence tasks:

- Center Website Portal: Connections/links from the Center site to available climate tools for states and others. Resilience “portal” to include information on design tools, data and analytics (and good practices regarding data); risk analysis frameworks and current state DOT practice; information on the feedback loop between data and integration into TIP; making the organizational case for resilience;
- Resilience Webinar Series: Suggested topics: managed retreat; Vulnerability Assessments and next steps; Workforce Development and Training Needs for emerging engineers; Guidance/framework for resilience/sustainability
- Peer Exchanges: Organize and hold a series of regional peer exchanges to focus on regional approaches to address resilience.

RSTS Technical Services Program

- RSTS = Resilient & Sustainable Transportation Systems
- AASHTO pooled fund TSP
- Climate Briefing newsletter
- 2018 Webinar Series -- 5 offered throughout Dec. 2018 (seismic; organizational; hurricane response; Cyber; RISE summary)
- 2020 work plan includes webinar series; continuation of newsletter and CTSSR support

Questions

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