June 2016 Executive Committee Policy Session

Leveraging Existing Cybersecurity Efforts Breakout Report

June 23, 2016

Key Themes

- Lack of coherent cybersecurity practices
- Cyber security for transportation
  - Embedded systems
  - Infrastructure systems
- **There is much that TRB can do to help draw attention to best cybersecurity practices in transportation**
  - Collaboration with Academies to assess other cybersecutity related studies
  - Learn from mistakes (like IRS data breach)
  - Disseminate findings and recommendations

Potential Actions

TRB has a role in helping best cybersecurity practices keep pace with technological reinvention of transportation

- Secure leadership commitment to best practices in cybersecurity and define what leadership
- Work with AASHTO to formulate problem statement for a NCHRP study, including periodic synthesis studies at regular intervals
  - Survey of industry sectors with ISACs: electricity, financial services, communications, oil and gas, water, etc.
- Engage funding partners to support other activities, such as workshops, roundtables, policy studies
- Collaboration across the Academies
- Disseminate findings/recommendations of past and existing efforts