

TRB Committee AHB50  
TRAFFIC CONTROL DEVICES  
COMMITTEE

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# AHB50 Committee Objectives

- ▶ Communicate and disseminate traffic control device (TCD) information
  - ▶ Presentations, posters, webinars, reports, papers
  - ▶ Special issues or initiatives
- ▶ Promote TCD research
  - ▶ Problem statements, research needs statements
  - ▶ Student competitions
- ▶ Coordinate with other TRB committees
- ▶ Coordinate with the National Committee on Uniform Traffic Control Devices (NCUTCD)
- ▶ Identify new technology and emerging ideas that can lead to new concepts in traffic control devices applications.

# 2017 Activities

- ▶ Annual Meeting
  - ▶ Reviewed 31 papers this year (30 - 50 is typical)
    - ▶ 2-4 paper reviews per member; 1 per friend
  - ▶ Sponsoring 26 paper presentations in TRB 2018 AM program
    - ▶ Poster Session 722
  - ▶ 6 (20%) papers to be published in Transportation Research Record
- ▶ Other Activities
  - ▶ Host Webinars
  - ▶ Develop TCD research problem statements
  - ▶ Co-Sponsor TRB's Automated Vehicle Symposium
  - ▶ TCD Challenge
- ▶ Awarded "Blue Ribbon Committee" Award for 2017!

# TCD Challenge

- ▶ TCD Challenge sponsored by TCD committee and AASHTO
- ▶ Students (high school through graduate school) prepare a pitch addressing a pre-specified topic
  - ▶ 2017 - Traffic Control Devices for Connected and Automated Vehicles (CAVs)
  - ▶ 2018 - Traffic Control Devices for Wrong Way Driving
- ▶ 23 submissions this year (up 50% from initial year)
- ▶ 11 finalists present their ideas in a TRB AM Poster Session
  - ▶ Tuesday afternoon at 2018 TRB
- ▶ Top 3 teams receive cash awards at ATSSA Traffic Expo



# Membership

- ▶ Membership Statistics - Currently 34 total members (appointments thru 2020)
  - ▶ 25 “regular” members, including officers (25 max)
  - ▶ 4 young member < 35 (4 max)
  - ▶ 3 international members (5 max)
  - ▶ 2 emeritus members
- ▶ **Best way to get involved is to become a committee friend**
  - ▶ Send email to [gatestim@msu.edu](mailto:gatestim@msu.edu)
  - ▶ Attend committee meeting at TRB AM
  - ▶ Help with paper reviews
  - ▶ Attend TCD committee sessions
    - ▶ Poster session
    - ▶ TCD challenge poster session