

The National Academies of
SCIENCES • ENGINEERING • MEDICINE



TRANSPORTATION RESEARCH BOARD

Agenda
Research and Technology Coordinating Committee
Spring Meeting
May 19-20, 2020

Held via Zoom: Invitations sent by Michael Covington on May 6

All times are EDT

Tuesday, May 19

OPEN SESSION

- | | | |
|----------|---|--------------------|
| 10:00 am | Chair's welcome and introductions | Tim Henkel, RTCC |
| 10:10 | Opening remarks Associate Administrator | Kelly Regal, FHWA |
| 10:20 | Update on TRB's response to COVID-19 | Neil Pedersen, TRB |
| 10:25 | Pedestrian and Bicycle Safety
Overview of volume and types of travel
Current and planned program & research activities across FHWA <ul style="list-style-type: none">○ Office of Planning○ Office of Safety○ Office of Safety R&D | FHWA Staff |
| 11:00 | Discussion <ul style="list-style-type: none">▪ How can RTCC be engaged most effectively in advising FHWA on its Bicycle and Pedestrian Safety Strategic Plan (e.g., as stakeholder engagement group, review draft and discuss at future RTCC meeting)?▪ Research needs for the next 5 to 10 years?<ul style="list-style-type: none">○ Safety-related○ Non-safety, including planning, perception, network connectivity, accessibility, equity▪ Research needs for the longer-term beyond 10 years?▪ Ideas on ways to incorporate forward-looking infrared cameras, virtual reality, and connected simulation technology in pedestrian and bicycle research? | |
| 12:30 PM | BREAK | |

2:00	TRB Special Report 331 recommendations on R&D	Steve Godwin, TRB
2:20	Discussion <ul style="list-style-type: none"> • What are the most compelling topics? • What kinds of RD&T are needed? • What are the opportunities for fundamental research? 	
3:45	Discussion <ul style="list-style-type: none"> • Criteria for weighing trade-offs between existing and future RD&T • Given that most current FHWA RD&T is addressing the needs of state DOTs and other customers, how does FHWA evaluate which areas should get less funding and which should get more? 	
4:45	Update on TRB's CRP Project Evaluations for FHWA	
5:00	ADJOURN	

Wednesday, May 20

OPEN SESSION

10:00 am	Vehicle bridge strikes and possible countermeasures	FHWA staff
10:20	Discussion: countermeasures, priorities, and federal role	
10:45	Emergency rerouting: possible measures for improvement	FHWA staff
11:05	Discussion: input on measures, priorities, and federal role	
11:45	Reflections on previous day's discussions	
12:30 pm	Discussion: "brainstorming" on COVID-19 research topics	
1:15	Wrap up and next steps	
1:30	ADJOURNMENT	