Research and Technology Coordinating Committee (RTCC)

Winter Meeting
December, 6-7, 2023
Room 209, Keck Center, 500 Fifth Street NW
Washington, DC

Agenda

Wednesday, December 6		
Open Session		
9:15 – 9:30	Welcome and opening remarks	Carlos Braceras Victoria Sheehan, TRB Kelly Regal, FHWA
9:30 – 9:45	Overview of FHWA R&T program	Kelly Regal, FHWA
9:45 AM – 12:15 PM	Artificial Intelligence (AI) in Transportation	
9:45	Overview of AI in Transportation	Yinhai Wang, UW
10:30	Overview of AI from USDOT/FHWA Perspective	Craig Thor, FHWA
11:00	Break	
11:15	Exploratory Advanced Research & AI • *AI research for protection of vulnerable road users* • *AI research for enhancing structural inspection* • *AI research for pavement conditions* • *AI research for transportation system management and operations*	David Kuehn, FHWA James Pol, FHWA
12:15	PANDA data lab	James Pol, FHWA
12:45 – 1:30 PM	Lunch in Meeting Room	
1:30 – 2:30	Artificial Intelligence in Transportation (Discussion)	All
1:30	Opportunities and challenges	
2:30	Safety and security issues	
3:00	Equity implications	
3:30 – 3:45	Break	
3:45 – 4:45	Cooperative Research Program (CRP) Evaluations Evaluation of Every Day Counts Program (Project TFPE-04) Integrating NEPA and Permitting Process (Project TFPE-05)	Jeffrey Alexander, RTI International Michael Gallaher, RTI International
4:45 – 5:15	Wrap up and adjourn	

Thursday, December 7		
Open Session		
9:00 – 9:15	Recap from Day 1	Carlos Braceras
9:15 – 11:15	Open discussion about FHWA programs	
9:15	Whitepaper on FHWA Annual Modal Research Plan (AMRP) to highlight budget areas and the areas of focus for the FHWA R&T Program	Kelly Regal, FHWA
10:15	Review and discussion of select projects from FHWA's Annual Modal Research Plans database	Brian Gardner, FHWA
11:15 – 11:45	Initial thoughts on Spring meeting agenda	
11:45 – noon	Wrap up and adjourn	