

SEMINAR

Co-Sponsored by
Pacific Southwest Region University Transportation Center

Wednesday, June 28, 2017

2:00 – 3:00 pm

Seminar Room, 4080 AIR Building

**CONNECTED AND AUTOMATED VEHICLES
SUMMARY OF CURRENT ACTIVITIES**



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President

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Abstract

This seminar will introduce the concepts of both Connected Vehicles and Autonomous Vehicles, and describe the vision for the merging of both aspects into Connected Automated Vehicles (CAV). Following the brief introduction, the seminar will describe a series of national coalitions, working groups, and initiatives that are advancing CAV at the state and local levels. Emphasis will be placed on the SPaT Challenge – an AASHTO Resolution to challenge state and local infrastructure owners and operators to deploy approximately 20 Dedicated Short Range Communications (DSRC) based Signal Phase and Timing (SPaT) broadcasts at signalized intersections in every state by 2020.

Dean Deeter is President, and responsible for technical operations of, Athey Creek Consultants, based in Portland, Oregon. He has more than 25 years of experience in planning, design, operations and evaluation of technology solutions for transportation, with an emphasis on Systems Engineering, Traveler Information, Connected and Automated Vehicles, and Rural Initiatives. Dean provides technical support to the national Vehicle to Infrastructure Deployment Coalition, the Connected and Automated Vehicle Executive leadership team (CAV-ELT), and the Infrastructure owners/operators (state and local DOTs) Forum of Collaboration with the OEMs (involving about 9 automobile manufacturers). Dean has a Bachelor's degree from Colorado State University and a Master degree from the University of California, Irvine. He is a registered Professional Engineer in Minnesota and Oregon.