Civil Engineering and Engineering Mechanics

Seminar Announcement
Friday, October 10, 2014

CE 201
12:00pm – 1:00pm

Intelligent Transportation Systems (ITS) in Maricopa County:
Trends, Opportunities and Challenges

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Abstract

Maricopa County Department of Transportation (MCDOT) is a national leader in ITS. Jointly with Arizona Department of Transportation (ADOT) it provides leadership to the AZTech traffic management and operations partnership in collaboration with 24 other public agency and private partners. AZTech was one of the four Model Deployment Initiative’s in the United States. Through MCDOT SMARTDrive Program the County in partnership with University of Arizona and ADOT has implemented a connected vehicle technologies test bed in Anthem AZ. This test bed is recognized as a USDOT national affiliated connected vehicle test bed. MCDOT is also providing leadership in the implementation of Integrated Corridor Management along L101 (Pima) corridor in Scottsdale. This presentation will provide an overview of ITS deployments in the Phoenix metropolitan region and focus on the ITS trends that are creating new opportunities for research and advancement. Public agency perspectives on the industry needs and challenges will also be shared.