

PLANNING FOR THE FUTURE: TRANSPORTATION IN ARIZONA

Wednesday, September 18
1:40 - 2:45 PM (US Arizona)

College Avenue Commons
(CAVC) Room 559



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Phoenix, AZ

About the Talk

As the Director of Multimodal Planning Division (MPD) for the Arizona Department of Transportation (ADOT), Gregory D. Byres is charged with prioritizing and programming the Transportation Facilities Construction Program. The Program generally consists of infrastructure improvements, new infrastructure, or other upgrades to the State roadway network. The state transportation system is not limited to roadways but also includes several modes of transportation including transit, aviation, active transportation and rail. Future transportation needs and expectations are changing, and we must be aware of the types of changes (connected and automated vehicles (CAV's), artificial intelligence (AI), big data, ...) and the impacts these changes will have on our current and planned infrastructure. What will be the biggest challenges facing our aging transportation system? Will the modes of transportation change in the future? How will we deal with the changes in the short and long term? These questions are not being asked for the first time, but have been asked on a constant basis since transportation transformed from horse and wagon, to rail, to motorized vehicles and more recently since the national interstate system was first introduced with the Federal Aid Highway Act of 1956. Technology has changed transportation in many ways, and continues to do so into the future.

About the Speaker

Gregory D. Byres graduated from New Mexico State University with a Bachelor of Science Degree in Civil Engineering Technology. He worked as a consulting engineer on transportation, airport and utility projects for ten years, then went back to school, which included course studies in Geotechnical Engineering at University of Missouri – Rolla and worked as a geotechnical/materials engineering consultant for ten years. Greg started his own engineering consulting firm, which provided design services for transportation, airports, utilities and development projects for both private and public sectors, for about twelve years. After selling his firm, Greg moved to Arizona and began working for the Arizona Department of Transportation as a senior project manager, then as a State Roadway Engineer, and has now been the Director of Multimodal Planning Division for three years.

This seminar is webcast live to a worldwide audience by
ASU Engineering – Global Outreach and Extended Education (GOEE).

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Light refreshments will be served. Event is open to the public.



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