

## Webinar Title

Planning and Funding Traffic Signal Improvements

## Date & Time

Thursday, February 22, 2018 1:00 – 2:45 PM ET

## Registration

Please follow this link to register for the webinar

<https://collaboration.fhwa.dot.gov/dot/fhwa/WC/Lists/Seminars/DispForm.aspx?ID=1618>

## Brief description

This webinar will provide an overview of Federal-Aid eligibility and core processes involved in supporting Local Public Agency traffic signal programs. Public agencies at State (Florida DOT), Regional (San Francisco, Bay Area Metropolitan Transportation Commission, and Local level (City of Albuquerque, NM) will discuss recent experience with attracting Federal-Aid and Grants to fund traffic signal improvements; such as, Automated Traffic Signal Performance Measures (ATSPM).

ATSPM is fueling a transformation in how transportation agencies approach the management, operations and maintenance of signalized intersections. The Federal Highway Administration's inclusion of ATSPMs in the Every Day Counts 4 Initiative, is catalyzing the transformation of traffic signal operations from traditional reactive, temporal and complaint based approaches to active, objectives and performance based approaches. The outcome of shifting traffic signal operations from reactive to proactive is high quality traffic signal operations that are consistent with the needs of communities, and reflected in operations and maintenance objectives. ATSPMs empower agencies to provide signal operations that are safer, promote greater mobility, reduce congestion and demonstrate fiscal responsibility.

This webinar is part of a series that will familiarize participants with the organizational and technical aspects of ATSPMs, how they fit into an objectives and performance based management framework. The FHWA does not endorse or promote specific products that are presented within the context of these webinars.

## Target Audience

This webinar is intended for professionals involved in the management, planning, design, operations or maintenance of signalized intersections. It will also benefit other practitioners, researchers and professionals who are interested in this topic.

## Learning Objectives

- Provide an overview of funding mechanisms (Federal and otherwise) that are available to support traffic signal improvements.

- Share experience with funding and lessons-learned from the State DOT, MPO, and local agency perspective.
- Provide an overview of the FHWA Every Day Counts Automated Traffic Signal Performance Measures Initiative and available resources to promote implementation of the technology.

### Moderator

- **Eddie Curtis, FHWA** ([Eddie.Curtis@dot.gov](mailto:Eddie.Curtis@dot.gov)) has been with FHWA for 11 years. He manages the Office of Operations' Arterial Management program. He has over 20 years of experience in traffic signal management and operations. Prior to joining FHWA, he was an associate engineer with the City of Los Angeles in the Automated Traffic Surveillance and Control (ATSAC) center and worked as a private sector consultant, providing technical support for various transportation agencies. Eddie received a BS in Civil Engineering from California State University, Los Angeles and an MS in Civil Engineering from Georgia Tech.

### Presenters

- **Robert S. Wright, FHWA** ([Robert.Wright@dot.gov](mailto:Robert.Wright@dot.gov)) has been with FHWA for over 37 years. He is currently the LPA Program Manager for the Stewardship and Oversight Team in the Office of Infrastructure. Robert joined FHWA in June of 1980. Throughout his career, Robert has had a variety of field office and headquarters positions. These positions include work in the Signals Branch under the Office of Traffic Operations (HQ), field engineering in the Texas and West Virginia Divisions, the Contract Administration Branch under the Construction and Maintenance Division (HQ), and supervisory, including Team Leader and Assistant Division Administrator positions in the Ohio and Florida Divisions respectfully. Robert is a graduate of Purdue University, West Lafayette, Indiana with a BSCE (Civil Engineering) in 1978 and a MSPPPA (Public Policy and Public Administration) in 1983.
- **Raj Ponnaluri, FDOT** ([Raj.Ponnaluri@dot.state.fl.us](mailto:Raj.Ponnaluri@dot.state.fl.us)) is the State Arterial Management System Engineer at the Florida Department of Transportation. In addition to leading the state's arterial management, wrong-way driving and connected vehicle programs, he assists with the development of the TSM&O initiatives. He holds a bachelor's in civil engineering, master of science, master of business administration, and PhD in transportation engineering. He is a registered P.E, PTOE and PMP. He has 22 years of experience in Traffic Engineering and Operations, Intelligent Transportation Systems (ITS), Transportation Systems Management and Operations (TSM&O), public transportation, and projects and contract management. Raj has published his works with several journal including the ITE and the Transportation Research Board. He is a member of ITE and serves on ITE's TSM&O National Council.
- **Robert Rich, MTC** ([rrich@bayareametro.gov](mailto:rrich@bayareametro.gov)) has been with the Metropolitan Transportation Commission (MTC) since 2013. He manages the Bay Area's regional Program for Arterial System Synchronization, leads intelligent transportation system (ITS) deployments and advises on policies and projects related to connected and automated vehicle technologies. Prior to joining MTC he worked in transportation and infrastructure policy, including several years as an aide in

the U.S. Senate. Robert received a BA in Politics and Environmental Studies from Princeton University and a Masters in Urban and Regional Planning from the University of California Los Angeles (UCLA).

- **Debbie Bauman, City of Albuquerque** ([dbauman@cabq.gov](mailto:dbauman@cabq.gov)) is the Planning and Programming Manager in the Engineering Division of the Department of Municipal Development in the City of Albuquerque. She has over 20 years' experience in the planning and programming of federal-aid, state and locally funded projects, as well as all aspects of project development. Ms. Bauman oversees the federal-aid program for the Engineering Division.
- **Paul Barricklow, Lee Engineering, Albuquerque office** ([pbarricklow@lee-eng.com](mailto:pbarricklow@lee-eng.com)) has over 17 years' experience in the fields of traffic engineering and transportation planning. Specializing in signal systems and ITS design, Mr. Barricklow has provided On-Call Traffic Engineering services for the City of Albuquerque for over a decade. Albuquerque Signal System Expansion Projects have included communications systems planning and design, signal timing and operations, as well as asset management.