



**JOHN MASON, DIVISION AND OPERATIONS MANAGER SAIC & FORMER MAYOR CITY OF FAIRFAX, VIRGINIA**

Mr. Mason is a former Council Member and Mayor of the City of Fairfax, Virginia. Most recently, he has been associated with Science Applications International Corporation (SAIC) as a Division and Operations Manager as well as Director, and currently as a consultant. He has also served as Executive Director of the Northern Virginia Transportation Authority and as a member of the Governor's Commission on Rail Enhancement for the 21<sup>st</sup> Century in Virginia. Mr. Mason has been a leader in helping to solve metropolitan Washington, D.C. transportation issues, serving on numerous regional boards and councils in the area.

Mr. Mason has also been a career Army officer, retiring as a colonel. He holds a Bachelor of Arts Degree from the University of Massachusetts and a Master of Arts Degree from New York University.



**PHILIP J. TARNOFF CONSULTANT**

Currently working as a consultant, Mr. Tarnoff was most recently the Director of the Center for Integrated Transportation System Management at the University of Maryland. Throughout a distinguished career within the public, private and university sectors, he has worked on a broad variety of policy and technical challenges associated with ITS, performance measures, operations evaluation, traveler information systems, and the integration of emergency management and law enforcement communication systems. Mr. Tarnoff was the president and founder of Farradyne Systems, Inc. (now PB Farradyne) one of the largest ITS systems integration firms in the U.S.

Mr. Tarnoff received his Bachelor of Science Degree in Electrical Engineering from Carnegie Institute of Technology, and a Master of Science Degree from New York University.



**RICHARD E. BACKLUND, PROGRAM MANAGER, PLANNING FOR OPERATIONS INITIATIVE OFFICE OF OPERATIONS FEDERAL HIGHWAY ADMINISTRATION**

Mr. Backlund has worked for the Federal Highway Administration (FHWA) for the past 22 years. In his current position he is Program Manager for the Planning for Operations initiative --- a program he leads jointly with the FHWA Office of Planning and the Federal Transit Administration.

Prior to his current position, Mr. Backlund worked in a variety of planning, environmental, and freight associated positions with the FHWA. He has lead many wide-ranging initiatives, both in FHWA Field Offices and Headquarters. Before working for FHWA, Mr. Backlund worked for the Texas Department of Transportation advancing many of the early ITS and traffic management projects. He has a Bachelor of Science Degree in Civil Engineering from the University of Texas at Austin.



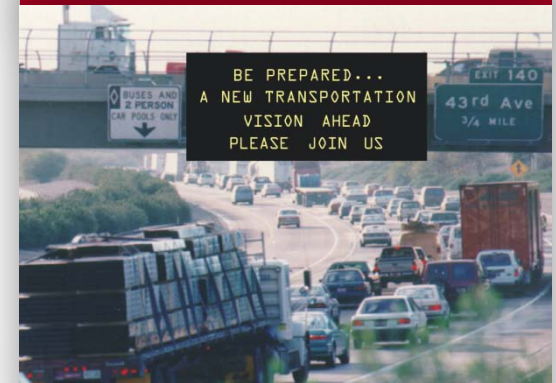
**STEPHEN C. LOCKWOOD, SENIOR VICE PRESIDENT PARSONS BRINCKERHOFF**

Mr. Lockwood is Senior Vice President of Parsons Brinckerhoff. He is a national expert on "mainstreaming" systems operations and ITS, and is involved in the current development of the AASHTO *Guide to Systems Operations and Management*. Over the last several years, he has authored or co-authored several ITS/systems operations studies and guidance documents. He serves as part of the faculty of the University of Maryland's *Operations Academy* ---established for the I-95 Corridor Coalition.

Prior to joining Parsons Brinckerhoff, Mr. Lockwood served as senior FHWA policy officer, Director of the Transportation 2020 Coalition, and over 15 years as a Consultant Project Manager for highway/transit planning and development projects. He is a member of several professional associations, and was educated at Harvard and the University of Pennsylvania in Architecture and Urban Planning.



**AZTech™ IS PLEASED TO ANNOUNCE THE FEATURED GUEST SPEAKERS AT THE ARIZONA OPERATIONS ACADEMY**



**MAY 11 - 12, 2010  
8:00 AM - 5:00 PM  
SHERATON CRESCENT HOTEL  
CRESCENT BALLROOM  
2620 W. DUNLAP AVENUE  
PHOENIX, ARIZONA**



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## PRELIMINARY PROGRAM

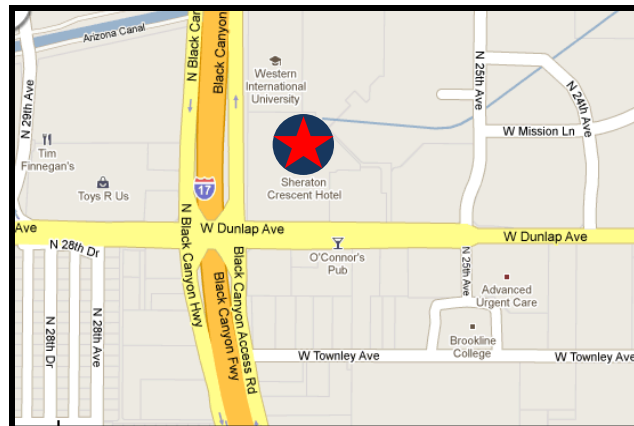
### DAY 1 - MAY 11, 2010

- 7:00 – 8:00 AM **REGISTRATION & CONTINENTAL BREAKFAST**
- 8:00 – 8:25 AM **WELCOME & OVERVIEW**  
Eric Anderson, Transportation Director  
Maricopa Association of Governments  
**AZTECH™ HISTORY & MOVING FORWARD**  
John Hauskins, P.E., Director  
Maricopa County Department of Transportation  
**VISION FOR THE ACADEMY**  
John S. Halikowski, Director  
Arizona Department of Transportation
- 8:25 – 9:00 AM **KEYNOTE ADDRESS - TRANSPORTATION OPERATIONS: INTRODUCTION BY**  
Robert E. Hollis, Arizona Division Administrator  
Federal Highway Administration  
**TRANSPORTATION OPERATIONS**  
Jeffrey Lindley, Associate Administrator  
Office of Operations  
Federal Highway Administration
- 9:00 – 9:10 AM **PARTICIPANT INTRODUCTIONS**  
Claudia Murphy, Principal  
CMC Consulting, Inc.
- 9:10 – 11:45 AM **VISION FOR TRANSPORTATION MOBILITY AND SAFETY: INTRODUCTION BY**  
Scott E. Nodes, Assistant State Engineer  
Arizona Department of Transportation  
**VISION FOR TRANSPORTATION MOBILITY AND SAFETY**  
Philip J. Tarnoff, Consultant
- 11:45 AM – 1:30 PM **LUNCHEON: FEATURED LUNCHEON SPEAKER PRESENTING CAPABILITY MATURITY MODEL RESULTS**  
Stephen C. Lockwood, Sr. Vice President  
Parsons Brinckerhoff
- 1:30 – 4:00 PM **PERFORMANCE MEASURES (PM) AS AN OPERATIONAL TOOL**  
Rich Margiotta, Principal  
Cambridge Systematics
- 4:00 – 4:30 PM **NEXT STEPS**  
Claudia Murphy, Principal  
CMC Consulting, Inc.
- 4:30 PM **CLOSING REMARKS**

## PRELIMINARY PROGRAM

### DAY 2 - MAY 12, 2010

- 7:00 – 8:00 AM **REGISTRATION & CONTINENTAL BREAKFAST**
- 8:00 – 8:20 AM **WELCOME & RECAP**  
Philip J. Tarnoff, Consultant  
&  
Claudia Murphy, Principal  
CMC Consulting, Inc.
- 8:20 – 11:30 AM **ADVANCING PLANNING FOR OPERATIONS**  
Rick Backlund, Program Manager  
Planning for Operations Initiative  
Office of Operations  
Federal Highway Administration
- 11:30 AM – 1:00 PM **LUNCHEON**
- 1:00 – 3:30 PM **PUTTING IT ALL TOGETHER – MANAGEMENT AND OPERATIONS**  
John Mason, Division & Operations Manager  
SAIC
- 3:30 – 4:15 PM **FUTURE DIRECTION & NEXT STEPS**  
Philip J. Tarnoff, Consultant  
&  
Claudia Murphy, Principal  
CMC Consulting, Inc.
- 4:15 PM **CLOSING REMARKS**



**SHERATON CRESCENT HOTEL  
2620 W. DUNLAP AVENUE  
PHOENIX, ARIZONA**

To register for the Arizona Operations Academy, visit [www.aztech.org](http://www.aztech.org) for a registration form and fax to (480) 893-7775 or contact the Event Operations Office at (480) 403-4614



**RICH MARGIOTTA**  
PRINCIPAL  
CAMBRIDGE SYSTEMATICS

Mr. Margiotta, Principal with Cambridge Systematics, has 28 years of transportation planning and engineering experience, and has held positions at the University of Tennessee, Transportation Research Board, and the Knoxville Metropolitan Planning Organization. His recent work has focused on congestion and operations performance measures, especially in travel time reliability, including NCHRP Project 3-68, *Guidebook for Freeway Performance Measures*, SHRP2 Project L03, *Analytic Procedures for Determining the Impacts of Reliability Mitigation Strategies*, and FHWA's *Mobility Monitoring Program*. Mr. Margiotta has also conducted several national studies of highway bottlenecks for the American Highway Users Alliance, Ohio DOT, the FHWA Office of Freight, and the I-95 Corridor Coalition and is supporting FHWA's new *Bottleneck Reduction Program*. Mr. Margiotta earned Ph.D. and M.S. Degrees in Civil Engineering from the University of Tennessee and a Bachelors Degree in Biology from University at Albany, New York.



**JEFFREY LINDLEY**  
ASSOCIATE ADMINISTRATOR  
OFFICE OF OPERATIONS  
FEDERAL HIGHWAY  
ADMINISTRATION

Mr. Lindley is the Associate Administrator for Operations for the Federal Highway Administration. He directs a staff responsible for FHWA policies/programs designed to reduce congestion and improve highway operations. He previously served as FHWA Associate Administrator for Safety from 2006-2008, and prior to that, as Deputy Director, ITS Joint Program Office and also as Director of the Office of Transportation Management. Mr. Lindley also served as FHWA California Division Administrator, leading the delivery of the nation's largest Federal-aid highway program. Mr. Lindley earned a Civil Engineering Degree from Virginia Tech and a Master's Degree in Transportation Engineering from the University of Maryland. He is active in the technical activities of the Transportation Research Board and the Institute of Transportation Engineers (ITE).