1:00 PM to 2:30 PM Visualizing Data for Decision Making
Room 7/8/9

FAA Aviation Safety Information Analysis and Sharing (AVIA)’s System
Chris Knooss, Geospatial Computing Engineer, The MITRE Corporation

The Use of 3-D Visualization in the Road Safety Audit (RSA) Process
Rebecca Crowe, Transportation Specialist, Federal Highway Administration, Office of Safety

Transportation Information Mapping System
Andrew Williams, Administrator, Office of Technical Services, Ohio Department of Transportation

FHWA – Federal Lands Highway Data Visualization Project
Daniel W. Van Gilder, GIS Program Manager, Eastern Federal Lands Highway Division, Federal Highway Administration

Features of the Redmon Digital Signage System for Commuters
John Redmon, Principal, Redmon Group, Inc.

Contemporary Systems for Map Enabling Transportation Data
Evan Caldwell, Solution Engineer, Esri

Digital Roadway Interactive Visualization and Evaluation Network (DRIVE Net) Data Processing Applications
Jonathan Corey, Graduate Research Assistant, University of Washington STAR Lab

Mobile Data Collection
Ray Mandli, President, Mandli Communications, Inc.

1:00 PM to 2:30 PM Investment Optimization Tools (Trade-off Analysis)
Media Center

Data Visualization to Improve Decision Making at MD SHA
Subrat Mahapatra, Transportation Engineering Manager, Office of Planning and Preliminary Engineering, MD State Highway Administration (SHA)

FTA Transit Economic Requirements Model Lite (“TERM Lite”)
Federal Transit Administration

Data Driven Approach to the Development of Possible Solutions to Transportation Corridor Problems.
Tim Lomax, Senior Research Engineer and Regents Fellow, Texas A&M Transportation Institute

HRT Capital Project Prioritization System
Andrew Zielinski, Transportation Planner, Foursquare Integrated Transportation Planning

A Practical Investment Optimization Tool by Means of Certainty-Uncertainty Searches
Brian G. Chow, Senior Physical Scientist and Professor, RAND Corporation

HERS: A Tool for Trade-Off Analysis
Rabinder Bains, Senior Economist, Federal Highway Administration

2:45 PM to 3:00 PM Closing Remarks
West Atrium

Call to Action
Polly Trogenberg, Under Secretary of Transportation for Policy, United States Department of Transportation

*The Exhibit hall will remain open until 4:00 PM*
AGENDA

8:30 AM to 9:30 AM  Registration
USDOT Lobby
  Lunch tickets are available for purchase ($11.00) during registration

9:30 AM to 10:15 AM  Welcoming Remarks
West Atrium

9:30 AM to 10:15 AM  Keynote
West Atrium
  Transportation Data Needs for Performance Management and Decision Making
  Peter Stephanos, Director, Office of Transportation Performance Management, Federal Highway Administration

10:30 AM to 12:00 PM  Modal Split and Occupancy Data
Room 6
  Enriching Data Through Integration
  Wade Rosado, Capability Development Leader, Cubic Transportation Systems, Inc.
  High Occupancy Taxi Trips
  David Mahfouda, CEO, Bandwagon
  Bikeshare as Transit: Strategic Expansion Through Advanced Data Visualization
  Shana Retherford Johnson, AICP, Senior Transportation Planner, Foursquare Integrated Transportation Planning
  Using Innovative Data Analysis Methods to Facilitate Communication and Transit Investment Decision Making in Montgomery County
  Eric Graye, AICP, PTP, Planning Supervisor, Maryland-National Capital Park and Planning Commission (M-NCPPC) - Montgomery County
  Data for Integrated Corridor Management (ICM) Analysis, Modeling, and Simulation (AMS), and Operations
  Steve Mortensen, Senior ITS Engineer, Federal Transit Administration

10:30 AM to 12:00 PM  Data Mining and Algorithm Development
Room 7/8/9
  Long-term Pavement Performance Program Information Management System
  Y. Jane Jiang, Research Highway Engineer, Federal Highway Administration Office of Infrastructure R&D
  Web Based Delivery of Large Data
  D.J. Swan, Sr. Pavement Management Engineer, Fugro Roadware
  National Highway Construction Cost Index
  Vincent Fang, Sr. Economist, MacroSys, LLC
  ODOT's Use of Data for Snow & Ice Recovery Evaluation
  John MacAdam, PE, ITS Engineer, The Ohio Department of Transportation
  Research Data Exchange
  Gene McNamara, Team Leader, Federal Highway Administration Office of Operations R&D
  Integrated Transportation Modeling Data Hub
  Brandon Nevers, Principal Engineer, Kettleston & Associates, Inc.

10:30 AM to 12:00 PM  Life Cycle Approach to Transportation Data Systems and Tools
Media Center
  FHWA Data Integration Project
  Ronald Vaughn, Transportation Specialist, Federal Highway Administration
  Life Cycle Approach to Transportation Data Systems and Tools
  Maria Chau, Senior Community Planner, Federal Highway Administration – New York Division
  STREAM: A Systematic Technology Reconnaissance, Evaluation and Adoption Methodology
  Steven W. Pepper, Senior Economist, RAND Corporation
  Michael L. Pack, Director, Center for Advanced Transportation Technology Laboratory (CATT Lab)
  Seasonal Weight Restriction Decision Process
  Jack Sickle, Transportation Information Group Manager, Alaska Department of Transportation and Public Facilities
  Wireless Vehicle Detection System – Real-time Count Stations
  James Cheeks, Chief of Traffic Signals, Safety, Standards and ITS, Washington, DC District Department of Transportation (DDOT)

12:00 PM to 1:00 PM  Lunch, Exhibitors, Networking
West Atrium
  Lunch tickets are available for purchase ($11.00)
  Exhibitors
  Networking

1:00 PM to 2:30 PM  Using Supplementary/Alternative Data Sources and Real-Time Data
Room 6
  Advanced Mobile Asset Collection
  Bill Toothill, Director, Technical Services, DBI Services
  Value & Uses of Subsurface & Underground Data in Transportation
  Steven Dillmeier, Senior Geoscientist & Technology Manager, Underground Imaging Technologies, LLC
  Deriving Intelligence from Multiple Disparate Data Sources
  Clark D. Richey, Jr., Technical Director, MarkLogic
  Data Services for Transportation System Management and Performance Monitoring
  Ted Trepanier, Senior Director, Public Sector, INRIX, Inc.
  Use of Wide-area Persistent Airborne Surveillance to Capture Highway Flow Metrics
  Gregory W. Jordan, President, Skycomp, Inc.
  Unmanned Aerial Systems (UAS) for GIS mapping
  Todd M. Audet, Deputy Director, Ohio Department of Transportation, District 2