



AGENDA

Monday, November 13, 2017 <i>Workshop/Training and FHWA Division Meeting</i>	
9:00-11:00	<p>2016 Traffic Monitoring Guide (TMG) Changes and Basics (Washington 1 & 2) <i>Tianjia Tang & Steven Jessberger, Travel Monitoring and Surveys Division, Office of Highway Policy Information, FHWA</i></p> <p>Updated information will be provided on the revised 2016 TMG that includes changes to both nonmotorized and Per Vehicle Format (PVF) data formats. Also detailed will be the newly recommended changes to both short duration counts and the new FHWA AADT method. Class factoring methods for all vehicle types will be provided with detailed with practical examples of how to take short term class counts and how to properly annualize the data.</p>
11:00-12:00	Lunch (on your own)
12:00-2:00	<p>Travel Monitoring Analysis System (TMAS) Basics and Advanced Use (Maryland) <i>Steven Jessberger & Patrick Zhang, Travel Monitoring and Surveys Division, Office of Highway Policy Information, FHWA</i></p> <p>New additions to the TMAS such as the complete weight (WIM) processing and reporting will be provided along with a thorough beginning to end live demonstration of all the features of TMAS: 1) data uploading, processing and approval of all data types, 2) data deletion and exporting, 3) unique by site QC parameter settings, 4) all reporting for volume, class and analytical, and 5) all new weight reporting (including all VTRIS reports).</p>
12:00-4:00	<p>Highway Performance Monitoring System (HPMS) 101 (Washington 1 & 2) <i>Ronald Vaughn & Justin Clarke, Highway System Performance Division, Office of Highway Policy Information, FHWA</i></p> <p>This session will provide a high-level summary of the various components of the HPMS program, including collecting, processing, submitting, and reviewing HPMS data, data model, required data sets, data formatting protocols, and submission process.</p>
2:00-4:00	<p>National Travel Time Data Processing and Utilization (Maryland) <i>Wenjing Pu, Travel Monitoring and Surveys Division, Office of Highway Policy Information, FHWA</i></p> <p>This training will provide hands-on knowledge on how to use the National Travel Time Data (also known as the National Performance Management Research Data Set or NPMRDS) for a broad range of purposes including Transportation Performance Management, geographic and temporal variations of traffic conditions, and other applications. Participants will learn the full cycle of Travel Time Data processing and utilization including downloading and processing data, calculating metrics, visualizing and reporting results.</p>
2:00-4:00	<p>FHWA HPPI and Division Offices Meeting (Virginia) <i>Led by David Winter, Director, Office of Highway Policy Information, FHWA</i></p>
4:00	Turn in Monday Evaluation Sheet / Adjourn
4:20	Doors Close at 4:30, please leave the building – Thank You!



U.S. Department of Transportation
Federal Highway Administration

Highway Information Seminar 2017

November 13-16, 2017
National Highway Institute (NHI)
1310 North Courthouse Road, Suite 300, Arlington, VA

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Tuesday, November 14, 2017 <i>Motor Fuel and Highway Finance</i> <i>Moderator: Michael Dougherty</i>	
8:30-8:45	<p>Moderator and Logistics <i>Michael Dougherty, Motor Fuel & Finance Division, Office of Highway Policy Information, FHWA</i></p> <p>Welcome and Introduction <i>David Winter, Director, Office of Highway Policy Information, FHWA</i></p>
8:45-9:45	<p>Federal-Aid Highway Program 101 <i>Todd Kohr, Office of Legislative Affairs and Policy Communications, FHWA</i></p> <p>This session will provide an overview of the Federal-Aid Highway Program, including the operation of the Highway Trust Fund and its significance to the funding level of the Federal-aid highway program; the FHWA apportionment process; obligation limitation, allocations, deductions, earmarking and transferability.</p>
9:45-10:15	<p>How the 500 Series Financial Data Are Used in the Biennial Report to Congress <i>Ross Crichton, Investment & Economic Analysis Team Leader, Office of Transportation Policy Studies, FHWA</i></p> <p>This session will provide an overview of the biennial Report to Congress “Status of the Nation’s Highways, Bridges, and Transit: Conditions and Performance (C&P),” its importance, and the role of the Office of Highway Policy Information’s data plays in the report’s data quality assurance and timely delivery.</p>
10:15-10:30	Break
10:30-11:00	<p>Heavy Vehicle Use Tax (HVUT) <i>Michael Dougherty, Motor Fuel and Finance Division, Office of Highway Policy Information, FHWA</i></p> <p>This session will review the FHWA’s responsibility in the HVUT process. Information will be presented on the State Registration Agency’s duties in verifying the proof-of-payment of the Heavy Vehicle Use Tax to the IRS, prior to the State issuing a registration for certain vehicles. Materials will be reviewed for the State’s responsibility in the maintenance of records, and the FHWA Division Offices’ duties, which include the periodic reviews of the State programs. Additionally, the Annual Governors’ Certification process will be covered.</p>
11:00-11:30	<p>Motor Fuel Data Reporting <i>Bryant Gross, Motor Fuel and Finance Division, Office of Highway Policy Information, FHWA</i></p> <p>This session will present an overview on how and why the FHWA Forms 551M and 556 are reported to FHWA. These forms are required for data entry and data QA/QC steps to facilitate data gathering, analysis and submittal of data related to motor fuels use, tax rates and receipts. The goal is to review the due dates and data elements included on the forms, discuss the uses of the data, stress the importance of the need for high-quality data, and address questions that data suppliers may have.</p>



11:30-12:00	<p>Local Finance Reporting <i>Ralph Davis, Motor Fuel and Finance Division Chief, Office of Highway Policy Information, FHWA</i></p> <p>This session is to cover FHWA Forms 536 and 539 (Local). These forms are required for data entry and data QA/QC steps to facilitate data gathering, analysis and submittal of data related to Local Highway Finance. The goal is to review the due dates and data elements included on the forms, discuss some common issues identified on the forms, stress the importance of the need for high-quality data and address questions that data suppliers may have.</p>
12:00-1:00	Lunch (on your own)
1:00-1:30	<p>Vehicle Registration Reporting <i>Brian Lomax, Motor Fuel and Finance Division, Office of Highway Policy Information, FHWA</i></p> <p>This session will cover FHWA Forms 561 and 566. These forms are required for data entry and data QA/QC steps to facilitate data gathering, analysis and submittal of data related to motor vehicle registration counts and receipts. The goal is to review the due dates and data elements included on the forms, discuss some common issues identified on the forms, stress the importance of the need for high-quality data and address questions that data suppliers may have.</p>
1:30-1:45	<p>Driver Licensing Reporting <i>Dawn Edwards & Tianjia Tang, Travel Monitoring and Surveys Division, Office of Highway Policy Information, FHWA</i></p> <p>The session will cover FHWA driver license Form 562. It will provide guidance on what data should be submitted and when. The session will provide problem-solving and detail other issues that are encountered when assembling the driver data.</p>
1:45-2:30	<p>Demo of the FHWA 541 Form <i>Clarissa Smith, Motor Fuel and Finance Division, Office of Highway Policy Information, FHWA</i></p> <p>This session will cover a Demo presentation on the new automated FHWA 541 Form. It will guide the States on how to input and submit the annual data for the State Transportation Obligations Issued During the Year and Allotment of Proceeds.</p>
2:30-3:00	Break
3:00-4:00	<p>State Highway Finance <i>Clarissa Smith, Motor Fuel and Finance Division, Office of Highway Policy Information, FHWA</i></p> <p>This session will cover FHWA Forms 531, 532, 539 (State), 534, and 542. These forms are required for data entry and data QA/QC steps to facilitate data gathering, analysis and submittal of data related to State Highway Finance. The goal is to review the due dates and data requirements of the forms, stress the importance of the need for high-quality data and address questions that data suppliers may have on the forms.</p>
4:00	Turn in Tuesday Evaluation Sheet / Adjourn
4:20	Doors Close at 4:30, please leave the building – Thank You!



Wednesday, November 15, 2017 <i>Travel Monitoring and Surveys</i> <i>Moderator: Tianjia Tang</i>	
8:30-9:30	<p>Moderator and Logistics <i>Tianjia Tang, Travel Monitoring & Surveys Chief, Office of Highway Policy Info., FHWA</i></p> <p>Welcome, FHWA and Data <i>Walter C. "Butch" Waidelich, Jr., Executive Director, FHWA</i></p> <p>Opening Remarks <i>Mala Parker, Associate Administrator, Office of Policy and Governmental Affairs, FHWA</i></p> <p>Data and Policy Studies <i>Mary Beth Zimmerman, Director, Office of Transportation Policy Studies, FHWA</i></p> <p>Overview of HPPI's Data Programs <i>David Winter, Director, Office of Highway Policy Information, FHWA</i></p>
9:30-10:00	<p>Understanding NPMRDS Usage for Certain Performance Data Needs <i>Wenjing Pu, Travel Monitoring & Surveys Division, Office of Highway Policy Information, FHWA</i></p> <p>This session will provide an overview of the NPMRDS data and related performance reporting data items effective as of May 20, 2017. The utilization of the NPMRDS data for other analyses will also be demonstrated.</p>
10:00-10:25	<p>2017 National Household Travel Survey (NHTS) <i>Tianjia Tang, Travel Monitoring & Surveys Division, Office of Highway Policy Information, FHWA</i></p> <p>In 2017 the NHTS completed its 8th series of data collection on the public's travel behavior. This session will provide an update on the current status of the NHTS, information on the Add-On Program, and new questions and topics for future collaboration.</p>
10:25-10:40	Break
10:40-11:00	<p>Traffic Volume on Non-Federal Aid Roads <i>Stuart Thompson, Transportation Specialist, Office of Safety, and Steven Jessberger, Travel Monitoring and Surveys Division, Office of Highway Policy Information, FHWA</i></p> <p>This session will cover the results from a research project developing an informational guide on AADT data collection and computation/estimation for Non-Federal Aid System roads as required for the Highway Safety Improvement Program implementation.</p>
11:00-11:40	<p>Improved and In-depth HPMS Traffic Data Reviews <i>Patrick Zhang and Steven Jessberger, Travel Monitoring and Survey Division, Office of Highway Policy Information, FHWA</i></p> <p>This session will provide: 1) new approaches for HPMS traffic data quality reviews utilizing parallel data such as census population changes, GDP, fuel consumption, 2) some tips to share for proper VMT weighting methods when producing the HPMS vehicle travel summary tables, and 3) annual data review through a geospatial approach.</p>
11:40-12:00	<p>Using Traffic Management Center Operations Data for Traffic Monitoring <i>Daniel Jenkins & Tianjia Tang, Travel Monitoring and Surveys Division, Office of Highway Policy Information, FHWA</i></p>



	This session will provide an overview of Chapter 5 of the 2016 Traffic Monitoring Guide (TMG) to improve the coordination between the traffic monitoring office and other offices within a DOT, and how they can better share traffic data.
12:00-1:00	Lunch (on your own)
1:00-2:00	Roundtable Discussion – State Traffic Data Programs <i>Led by Steven Jessberger and Tianjia Tang, Travel Monitoring & Surveys Division</i> Invited states will present and share their successes and challenges as related to traffic data collection, processing, and reporting.
2:00-2:20	HPMS Future AADT Sample Panel Data <i>Patrick Zhang, Travel Monitoring & Surveys Division, Office of Highway Policy Info., FHWA</i> The Conditions and Performance Report to Congress has been using HPMS future AADT sample panel data for years. This session will focus on the application of future AADT for C&P report, future AADT data QA/QC, detailed requirements of future AADT, and FHWA future VMT forecast models.
2:20-2:40	2016 Nonmotorized TMG Data Collection Updates and New TMAS Features <i>Steven Jessberger, Travel Monitoring and Surveys Division, Office of Highway Policy Information, FHWA</i> This session will cover the TMG non-motorized data items and their proper coding. Non-motorized data from local agencies, MPOs, and state DOTs are now can be processed in the TMAS.
2:40-3:00	Break
3:00-3:20	Updated Vehicle Inventory Data Focusing on Trucks <i>Wenjing Pu, Travel Monitoring & Surveys Division, Office of Highway Policy Info., FHWA</i> This session will provide the findings of the recently completed vehicle data inventory project. FHWA received 650 pictorial illustrations of vehicles in all 13 FHWA vehicle classes with information on vehicle overhang, axle spacing, tire arrangement, empty and loaded gross vehicle weights (GVW), and GVW ratings (GVWR).
3:20-3:40	Speed and Class Data from a Single Loop Utilizing Inductive Loop Signature (ILS) <i>Steven Jessberger, Travel Monitoring and Surveys Division, Office of Highway Policy Information, FHWA</i> This session is to provide an overview of a new technology based on an FHWA-sponsored and completed research on re-identifying trucks and other vehicles between permanent traffic sites utilizing one inductive loop. Specific aspects on how to use this technology and provide ILS 4 digit codes will also be provided.
3:40-4:00	Traffic Volume Trends – How it is Done, Your Data in Action <i>Patrick Zhang & Steven Jessberger, Travel Monitoring and Surveys Division, Office of Highway Policy Information, FHWA</i> This session will summarize how FHWA completes the very popular monthly Traffic Volume Trends (TVT) report using the data state DOTs submit to FHWA and how these reports are used outside of FHWA. This session will also cover how states can take advantage of the TVT system to generate state-specific traffic volume trends reports.
4:00	Turn in Wednesday Evaluation Sheet /Adjourn
4:20	Doors Close at 4:30, please leave the building – Thank You!



Thursday, November 16, 2017 <i>Highway System Performance</i> <i>Moderator: Chris Allen</i>	
8:30-8:45	<p>Moderator and Logistics <i>Chris Allen, Highway System Performance Division Chief, Office of Highway Policy Information, FHWA</i></p> <p>Welcome and Introduction <i>David Winter, Director, Office of Highway Policy Information, FHWA</i></p>
8:45-9:25	<p>HPMS and TPM – Part 1: Overview of Performance Measures – Pavement Condition <i>Max Grogg, Office of Asset Management, Pavements, and Construction, FHWA</i> <i>Ronald Vaughn, Office of Highway Policy Information, FHWA</i></p> <p>This session will focus on the final Transportation Performance Management (TPM) Pavement Condition (PM2) rule. This discussion will be centered on the PM2 rule including the data coverage and collection cycle specifications as they relate to HPMS. Participants have an opportunity to gain an in-depth understanding of these topics, as well as an understanding of the roles and responsibilities on behalf of both the FHWA and the State DOTs.</p>
9:25-10:15	<p>HPMS and TPM – Part 2: PM2 Pavement SOP Overview <i>Max Grogg, Office of Asset Management, Pavements, and Construction, FHWA</i></p> <p>This session will focus on the Operating Procedure for Processing Pavement Measures that relates to the final TPM PM2 rule. This discussion will concentrate on this operating procedure identifying data submittal timeliness, completeness, and quality expectations. Participants will have an opportunity to gain an in-depth understanding of the intricate workflow that comprises this procedure. Presentation will include examples of data coding and procedures for managing missing, unresolved or invalid data.</p>
10:15-10:35	Break
10:35-11:30	<p>HPMS and TPM – Part 3: 2016 HPMS Pavement Data Submission <i>Max Grogg, Office of Asset Management, Pavements, and Construction, FHWA</i></p> <p>This session will focus on the updated reporting tools in the HPMS software in support of the Pavement and Bridge Performance Rule. Focus will be on the revised Pavement Performance Report Card. This discussion will describe using this tool to be successful in collecting, processing, and submitting HPMS Pavement data. The participants should take away an in-depth understanding of how they can apply the Pavement Performance Report Card to reach the submittal expectations as identified in the PM2 Rule and the SOP.</p>
11:30-12:30	Lunch (on your own)
12:30-1:20	<p>HPMS and TPM – Part 4: System Performance, Freight, and CMAQ (PM3) <i>Rich Taylor, Office of Operations, FHWA</i></p> <p>This session will focus on the final Transportation Performance Management (TPM) System Performance, Freight, and CMAQ (PM3) rule and its related procedural guidance and HPMS</p>



	<p>supplemental data reporting guidance. This discussion will be centered on the operating procedure and data collection and reporting requirements as they relate to HPMS. The participants should take away an in-depth understanding of these topics, as well as an understanding of the roles and responsibilities on behalf of both the FHWA and the State DOTs.</p>
1:20-2:00	<p>HPMS Field Manual and Software Updates <i>Ronald Vaughn & Justin Clarke, Office of Highway Policy Information, FHWA</i></p> <p>This session will focus on recent updates to the HPMS Field Manual and in particular, to updates made in support of TPM implementation efforts. Changes and updates to the HPMS software will also be presented and discussed. The participants should take away an in-depth understanding of the updated data collection and reporting requirements, as well as the manner in which they are to be addressed via the HPMS Software.</p>
2:00-2:15	Break
2:15-3:00	<p>HPMS Draft Reassessment Conclusion <i>Thomas Roff, Office of Highway Policy Information, FHWA</i></p> <p>This session will focus on the HPMS reassessment effort and present any findings, proposals, studies, feedback, etc. related to its implementation. Participants will have an opportunity to discuss and offer constructive feedback on details of the changes to HPMS undergoing study in the reassessment effort.</p>
3:00-4:00	<p>HPMS State Panel Discussion <i>Led by Thomas Roff, Office of Highway Policy Information, FHWA</i></p> <p>This moderated session will consist of a State panel of participants presenting and discussing various facets of their HPMS program as it relates to HPMS data submittal expectation relevant to timeliness, completeness, challenges, equipment, and quality. Participants should be prepared to discuss similarities and/or differences relating to their own HPMS experiences and offer positive feedback on best practices moving forward.</p>
4:00	Turn in Thursday Evaluation Sheet / Adjourn
4:20	Doors Close at 4:30, please leave the building – Thank You!