Travel Monitoring Analysis System (2.7) Demo

2017 Highway Information Seminar (HIS)
Patrick Zhang and Steven Jessberger
Travel Monitoring and Surveys Section
Monday, November 13, 2017
Office Organizational Chart

FHWA Office of Highway Policy Information
David Winter, PE

Motor Fuel and Highway Finance
- Ralph Davis
- Mike Dougherty
- Clarissa Smith
- Bryant Gross
- Helen Davidson
- Dawn Edwards
- Vacant - FTE

Highway System Performance
- Chris Allen
- Rob Rozycki
- Tom Roff
- Ron Erickson
- Ronald Vaughn, PMP
- Justin Clarke, AICP
- Jeromy Barnes, GISP
- Seemeen Hashem

Travel Monitoring and Surveys
- Dr. Tianjia Tang, PE
- Steven Jessberger
- Danny Jenkins, PE
- Dr. Patrick Zhang, PE
- Wenjing Pu, PE
- Mike Slattery
- Vacant
- Vacant
- Apara Banerjee
TMAS 2.7 and 2.8 Update

TMAS 2.7 – VTRIS weight reports with enhanced capabilities
- All 6 VTRIS reports WGT 2-7 now available for all TMAS weight data
- Axle correction factors from weight data (classes 4-13)
  - Coming to TMAS 3.0 - all classes for ACF
- Improved drill down and site linking for combined and improved support of PDG weight outputs
- Improved reports with new features

TMAS 2.8 – 2016 TMG Nonmotorized format processing
- Both station and volume counts for nonmotorized
- Basic reporting for nonmotorized
- QC for nonmotorized
- Data from any sources (State, MPO, counties and local organizations)
- Station by date range vs. by year
- Data “owner” assignment
- Export and delete of nonmotorized data
TMAS version 3.0

- GIS based viewing of reports and data (HPMS base layer),
- Pavement Design Guide (PDG) export,
- Speed (5, 15 or 60 min),
- Per Vehicle Format (PVF), [FL, HI, ID, IN, NV, MD, MT, PA, RI, ...]
- Reclassification of weight and/or PVF data,
- Query,
- Traffic site ownership,
- Station: by date station format settings,
- Volume: am/pm volume check,
- Class: class 8 vs. 9 check,
- Class: DOW historical done by class volumes if low and % if high,
- Weight: speed/ATS check from PVF,
- Weight: QC of all classes (even 1-3),
- Weight: ACF from PVF or WIM data,
- Weight: weight QC by tandem axles and
- Nonmotorized enhancements
General TMAS Features

- Uploading – just a few clicks
- Processing just a few clicks
- If you send in data FHWA stores the data with only 2 exceptions
  - Wrong format
  - Weight or PVF – over 25 axles
- All reports open to all users
- Export open to all users
- Uploading and deletion open to only your state
- TMAS has by site QC for nearly all parameters for volume, class and weight QC values.
TMAS 2.7 demo
Questions and Comments

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