Travel Monitoring Analysis System (version 2.8) Demonstration

2018 Highway Information Seminar (HIS)

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Systems Planning and Analysis Team and the Travel Monitoring and Surveys Section

Monday - October 29, 2018 from 1:00 to 3:30 pm
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)
- Improved drill down for 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
- 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) data, [FL, HI, ID, IN, NV, MD, MT, PA, RI, ...]
- Piped data formats,
- Reclassification of weight and/or PVF data,
- Query,
- All classes for ACF for both PVF and all classes weight data,
- 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 nonmotorized, volume, class and weight QC values.
TMAS 2.8 Demonstration

• Steven Jessberger – Nonmotorized
  • Uploading
  • Processing
  • Submitting

• Patrick Zhang – volume and class
  • Reporting for volume and classification
  • Processing for station, volume and classification
  • QC by station parameters
  • Exporting and deleting

• Steven Jessberger – System Owner
  • Nonmotorized exporting and deleting
  • Nonmotorized QC by station parameters
  • Weight processing and features
Questions and Comments

**TMAS Nonmotorized**

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