Travel Monitoring Analysis System (version 2.8) Demonstration

2018 Highway Information Seminar (HIS)

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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

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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

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Questions and Comments

TMAS Nonmotorized

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