Leveraging MoDOT Data Resources

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Statewide Planning Partner Meeting
February 8, 2019
MoDOT’s #1 Data Resource:
TMS: Transportation Management System

- Applications
- Reports
- Mapping Tools
- Metadata
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- Applications
- Reports
- Mapping Tools
- Metadata
Timing of TMS Data

Crash Data

- 2017 crashes finalized Nov. 1, 2018
- Paper reports – May 2018
- Electronic reports – October 2018
Timing of TMS Data

Crash Data

- 315 out of 600 agencies reporting electronically
- Large agencies still reporting by paper
  - KCPD
  - St. Louis City
  - Lee’s Summit
  - St. Peters
Timing of TMS Data

Crash Data

• Crashes processed by MSHP show up in TMS the next day

• 2019 crash reports in TMS
Timing of TMS Data

"And should there be a sudden loss of consciousness during this meeting, oxygen masks will drop from the ceiling."
Timing of TMS Data

TMS Annual Data Freeze

• Finalize all 2018 roadway, traffic and pavement data for official reporting

What does this mean to our partners?
Timing of TMS Data

Traffic Data

• 2018 AADT will be available
Timing of TMS Data

Mileage

• 2018 mileage and VMT will be available
Timing of TMS Data

TMS route updates (quarterly)

- Update TMS line work to include new construction
- General corrections for missing roads, spelling errors, etc.
TMS Data Zone

MoDOT Network (Virtual Machine)
TMS Data Zone

Website available to external customers

https://www.modot.org/
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Planning and Performance Support

MoDOT maintains two primary planning documents: a five-year statewide transportation improvement plan and a 20-year long-range transportation plan. The STIP focuses on the next five years of transportation construction across the state, while the Long-Range Transportation Plan takes a broader look at transportation needs for all modes of transportation and sets the direction for the annual STIP updates.

MoDOT's Current Statewide Transportation Improvement Program
MoDOT's Current Long-Range Transportation Plan
MoDOT's Datazone
TMS Data Zone
Crash Statistics Map

1. Select Crash Attribute
   - Crash Filters
   - Crash Attributes
   - Roadway Attributes
   - Involving

2. Select Filter Type
   Equal To

3. Select Values
   - 2019
   - 2018
   - 2017
   - 2016
   - 2015
   - 2014
   - 2013
   - 2012
   - 2011
   - 2010
   - 2009

4. Complete

(† indicates LOCATED crashes only)

When you select a filter, information about the filter will appear in this area.

Filters

Severity Equals 'FATAL'  Year Equals '2019'
Demo

• Crash Statistics Map

• TMSMaps
What’s included in the annual transportation data?
Access to TMS

• TMS DataZone Website:
  o Available to external customers: http://datazone.modot.org/

• Safety Data Access:
  o Contact Mike Henderson or Eva Voss, MoDOT Transportation Planning
Questions?

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