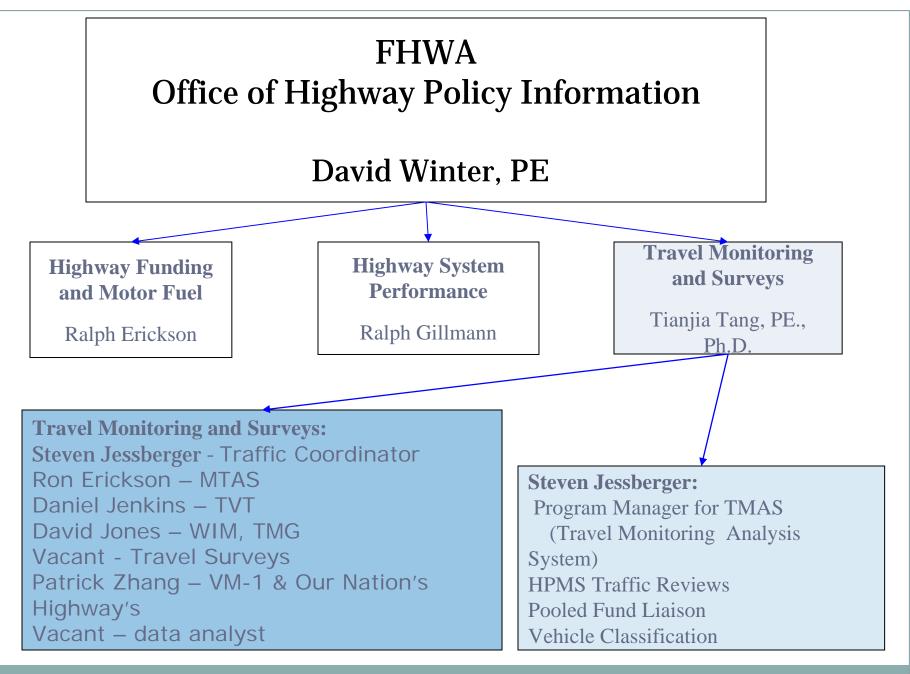
Meeting Emerging Needs A Federal Perspective

BY

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NATMEC 2010 JUNE 22, 2010



FHWA – Office Of Highway Policy

Where is the data used?

- Traffic Count
- State Processed
- State uses both internal and external
- Federal Uses
 - Condition and Performance Report (C&P) Congress
 - × White House reports
 - External Data requests (foreign and domestic)
 - × Freight/Enforcement class and weight data
 - × Pavement Design MEPDG
 - × Safety crash rates and speed data
 - × HPMS State annual submittal
 - × National Reports Traffic Volume Trends & Highway Statistics
 - Environmental class and weight data
 - × Planning Office model inputs both class and weight data
 - Bridges class and weight data

Teamwork - Seeking More Value

• Internal Customers:

- Safety speed data
- Pavement classification and weight data
- Bridges weight data
- Federal Lands volume data
- LTPP classification and weight data

• External Customers:

- States data sharing and improved feedback
- System QC –
- Multimodes transit, bicycle and pedestrian

Collect It Once Correctly - Use It Many Times

- Calibrate all traffic sites especially the classification and weight sites
- Analyze your axle classtree
- Pooled Funds for Research
- TMG station card lat/long points
- Travel Monitoring Analysis System: share point
- Metadata

TMAS 2.0 – Features

- Classification Data Quality Control
- Weight Data Quality Control
- Quality Checks done by:
 - **o** System Parameters
 - Site Parameters
- Documented Procedures
- Export Data Feature All State Data
- Transparency of checks and processes
- Data Sharing

Axle Classtree Analysis

- Use what other States have already done don't reinvent the wheel
- Use existing vendor classtree to see what it does right and wrong
- It will take time to get it right
- It never will be perfect
- Keep reviewing your tree by checking it every year or two

Emerging Needs

Performance Measures Multi Sources for Data Real-time Reporting

Steven Jessberger FHWA – HQ 202-366-5052 Quality Data for Informed Decisions!!