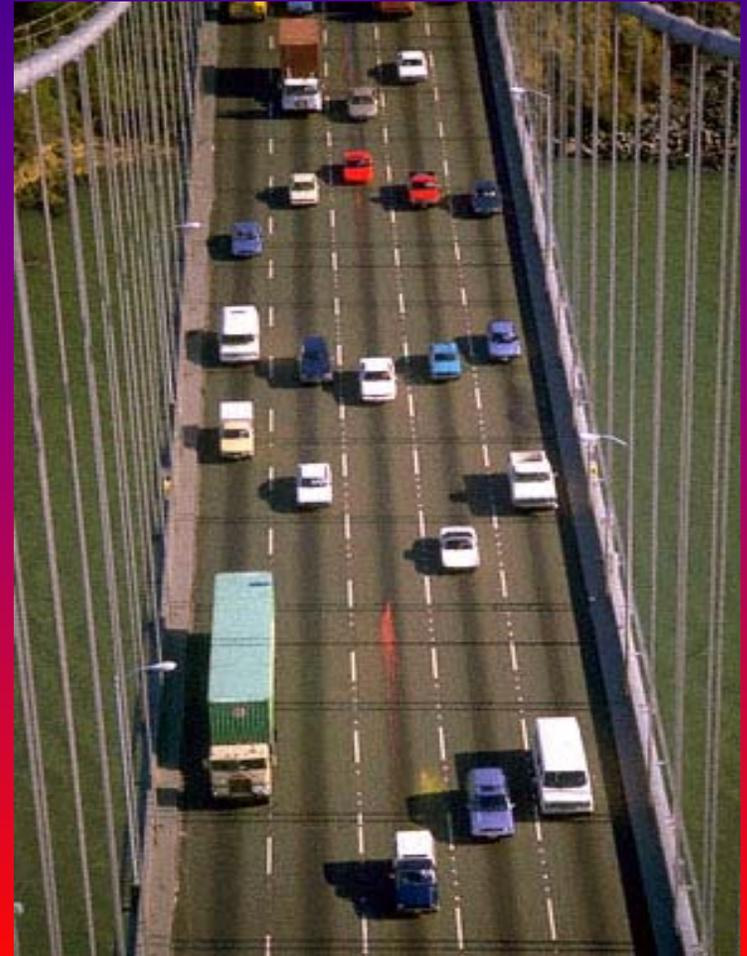

NATMEC 2002

Traffic Monitoring Guide Summary of Recommendations

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Traffic Monitoring Guide

- **Released May 1, 2001**
 - **Themes**
 - **Meeting user needs**
 - **Improved data quality**
 - **Advancing traffic data programs in a cost/effective manner**
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TMG Traffic Volume

- **Continuous counters**
- **Coverage counts**
- **Special counts**

Continuous Counters

- **Utilize ITS in urban areas**
 - **Representation of rural and urban systems**
 - **Reexamine seasonal groups for AADT factoring**
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Coverage Counts

- **Establish a coverage cycle - 6 years**
- **HPMS sample - 3year**
- **48-hour monitoring period**
- **Factor counts to AADT**
- **Equipment quality control program**

Special Counts

- **Projects, studies, specialized needs**
 - **Flexibility to address objectives**
 - **Ramp counting**
 - **Local functional class roads**
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TMG Vehicle Classification

- **Continuous classification counts**
 - **Coverage classification counts**
 - **Special classification counts**
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Continuous Counts

- **Establish a continuous program by converting ATRs to classifiers**
 - **FHWA Heavy Truck Vehicle Information System (HTVIS)**
 - **Develop classification seasonal factor groups to average class counts**
 - **Use 3 or 4 categories (cars, single-units, combination trucks)**
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Coverage Counts

- **Establish classification coverage (25 to 30 percent of volume counts)**
 - **48-hour monitoring period**
 - **Expansion of count to annual average**
 - **Length classification (3 or 4 classes)**
 - **Equipment quality control program**
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TMG Weigh-in-Motion

- **Establish a permanent WIM program**
- **Emphasis on calibration and quality of data**
- **Define groups of roads and use WIM sites to provide loading data**
- **Each group six sites (minimum one continuous, others 7-day period)**

Closing Points

- **Interaction between data users and collectors to reach common ground**
 - **Traffic data must improve to meet needs**
 - **Utilize all available tools and work to improve them**
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