



Bi-Regional Traffic Records Workshop  
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# USDOT – Working Together to Support Traffic Records

NHTSA, FHWA, FMCSA



# CONTACT INFORMATION

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# Traffic Records Systems with FHWA Involvement

## ☀ Crash Data System

- ▶ Highway Safety Improvement Program (HSIP)
- ▶ Strategic Highway Safety Plan (SHSP) – Data Driven
- ▶ Data Analysis and Evaluation and Safety Annual Reports

## ☀ Roadway Data System

- ▶ Traffic Counts
- ▶ Roadway Inventories
- ▶ Digital Roadway Video Logs
- ▶ Geographic Information Systems (GIS)
- ▶ Roadside Safety Appurtenances
- ▶ Traffic Control Devices
- ▶ Bridge and Pavement Management Systems



# FHWA Funding Sources for Traffic Safety Data Activities

- ✦ Highway Safety Improvement Program (HSIP)
- ✦ National Highway System (NHS) Funds
- ✦ Congestion Mitigation and Air Quality (CMAQ)
- ✦ Surface Transportation Program (STP)
- ✦ State Planning and Research (SPR) Funds

# Traffic Safety Data Activities

- ✦ HSIP Funds
  - ▶ Planning, Development, and Operation of a System for Management of Hwy. Safety and for Data Improvements for HSIP
- ✦ NHS, CMAQ, and STP Funds
  - ▶ Safety Data Systems for Planning, Development, and Operation of a System for Management of Hwy. Safety
- ✦ SPR Funds
  - ▶ Develop and Maintain Safety-related Data Systems to Conduct Studies of the Safety of the Surface Transportation System
  - ▶ Develop and Maintain a System for Managing Highway Safety



# Division Survey of Safety Data Improvement Projects

- ✦ Seven of Nine FHWA Divisions Responded
- ✦ Responses Compiled and Tabulated
- ✦ Data Improvement Projects Evenly Divided between Crash System and Roadway System
- ✦ Handout Available



# Summary of Survey Results

- ✦ All Divisions Participate in State TRCC, where one exists
- ✦ Four States have an approved SHSP (MA, VT, CT, ME)
- ✦ TRCC and SHSP Linked in 3 of 7 States (CT, MA, and NJ)
- ✦ Total of 13 Data Improvement Projects with FHWA Funding Identified by 7 Divisions

# Types and Cost of FHWA Funded Projects

## Crash System Projects:

- ✦ Crash Data Quality Research Project - \$100,000
- ✦ Motor Vehicle Crash Records Processing - \$4 M
- ✦ Crash Records Analysis Tool - \$1.3 M
- ✦ Electronic Crash Reporting System – Cost Unknown
- ✦ Crash Data Management System Replacement - \$250,000
- ✦ Electronic Crash Records Collection & Management System – Cost Unknown
- ✦ HSIP Crash Data Collection and Analysis and Safety Management Support – Cost Unknown

# Types and Cost of FHWA Funded Projects

## Roadway System Projects:

- ☀ Geo-coded Crash Locations for Hot Spot Identification - \$200,000
- ☀ Roadway Inventory, Traffic Data, GIS Mapping - \$10.7 M
- ☀ Install Permanent Loop Detectors - \$1.5 M
- ☀ Electronic Capture of Roadway Characteristic Data - \$150,000
- ☀ Roadway Departure Accident Reduction Program - Cost Unknown
- ☀ Statewide GIS Base Map - \$1.3 M



# Division Traffic Records Challenges

- ✦ Crash and Roadway Data Systems in Many States Still in Need of Upgrading
- ✦ Crash and Roadway Data Systems Need to be Integrated
- ✦ Linkage also Needed with Other 4 Traffic Records Data Systems
- ✦ Continue to promote Improvement in Timeliness and Accuracy of Data
- ✦ Increase Data Analysis to Support SHSP
- ✦ Continue Support of TRCC Efforts and Include FHWA projects in TRCC Strategic Plan



# FHWA Partnering with NHTSA and FMCSA to Support Traffic Records

- ✦ More Frequent Meetings of Three USDOT Agencies with States to Identify Opportunities for Leveraging Funding for Traffic Records
- ✦ Jointly Consider State Specific Approaches for Assisting States in advancing Traffic Records
- ✦ Investigate Funding for Scan Tours to Demonstrate Successful Traffic Records Practices to States
- ✦ Other Ideas?

# Working Together for Traffic Records





Questions?