2002 Indiana Road School

Indiana Traffic Record System Advancements

Traffic Record System Changes...

⇒ State Level
  • System Issues (hardware & software)
  • Crash Form Issues

⇒ Local Level
  • Sensitive to Current Level of Sophistication
  • Recognize the “Pluses” & “Minuses”
State - System Issues

- Current System
  - IBM Mainframe
  - “Rigid” System
  - Cannot Accept Electronic Data
  - Cannot Perform Queries on Data
  - Labor Intensive
  - Approximately 18 Months Behind

State - Crash Form Issues

- “Paper” Format
- “Rigid” Technology
- Not Current - (SUVs & cell phones)
- Commercial Crashes Require the Use of an Additional Form
State - System Changes

Architecture
- Minimum Data Entry
- Single Data Entry
- Scan-tron
  - Source of Data
  - Archive Completed Crash Forms
- Receipt of Completed Electronic Crash Forms
- Incorporation of GIS for Crash Location

State - Crash Form Changes

Format
- Eliminated the Overlay
- Increased to 4 Pages
- Organized by “Area” and Color Coded
- Open Architecture
- Electronic Version
- Drawing Tool (Electronic Version of Form)
State - Crash Form Changes

**Content**
- Combined the Truck & Bus Supplemental Form and Standard Officers’ Crash Form
- Additional Data Elements - MMUCC Compliant
  - Aggressive Driving
  - Address Up to 5 Injured People
  - Eliminated “Driver Inattention”

State - Crash Form Changes

**Content (continued)**
- Road Elements
  - Highest Road Classification
  - Rumble Strips
  - Construction Zone Details
  - Traffic Controls Operational
State - Crash Form Changes

❖ Ongoing...
  • Status of SR-21 (Drivers’ Form)
  • Electronic Version of Form

A Snapshot....
Timing...

System
- Operational - Late in 2002/Early 2003
- Existing System - Maintained Until Existing Crash Form Data Entered

Crash Form
- Paper - Introduced March 2002
- Electronic - Early Spring 2002

Impact on Local Agencies

System
- PC Based - Operates on Windows 98 +
- Ability to Analyze Own 2002 Data
- More Reliable Data Analysis

Crash Form
- Training of Officers
- Guidelines
Long Term Impact - State & Local

- Timely Data
- Higher Quality Data
- More Efficient & Lower Cost
- Enhanced Ability to Analyze Crashes
- Fewer Crashes and Fewer Fatalities

For Further Information...

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