

# Report to Governor's Traffic Safety Advisory Commission

## February 26, 2010

Action Team: **Traffic Records Coordinating Committee**

Report Submitted by: **Mark Dobek**

Report for Period: **Fall 2009**

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**Describe activities and accomplishments that took place for each strategy/objective listed in your action plan.**

### **2009 was a busy time for the Traffic Records Community.**

#### Crash

- ❖ In late October, Michigan assembled a team to conduct a traffic records assessment. A team of professionals with backgrounds and expertise in the several component areas of traffic records data systems (crash, driver, vehicle, roadway, citation and adjudication, and injury surveillance) conducted the assessment here in Lansing.
- ❖ The scope of the assessment covered all of the components of a traffic records system. The purpose was to determine whether the traffic records system in Michigan is capable of supporting management's needs to identify the State's safety problems, to manage the countermeasures applied to reduce or eliminate those problems, and to evaluate those programs for their effectiveness.
- ❖ We are happy to report that we got glowing marks for our innovation, progression, commitment and attention to quality in all areas. One of the main components we intend on focusing on in the future is data integration...how do we tie together crash with JDW with EMS...etc so we can look at a series of events from start to finish and design/implement safety programs. To view the entire completed Assessment go to: [www.Michigan.gov/OHSP](http://www.Michigan.gov/OHSP)
- ❖ We continue to make tremendous progress in our efforts to get police agencies to collect and submit traffic crashes (UD-10's) electronically. In less than 5 years, we have gone from 3% of agencies electronic to 42% as of last week. By year's end we anticipate having over 50% of all agencies collecting and submitting crashes electronically (representing ~35% of all crashes). Over this time frame we have seen processing days decrease by over 80% and errors decrease by over 70%.

#### JDW

- ❖ The Judicial Data Warehouse presently has case related information from 226 trial courts. Recently added were the Ingham Circuit/Probate and the Wayne Circuit Courts. Access and data sharing with Executive Branch agencies continues to be implemented.

#### EMS

- ❖ Update will be provided by Robin Shivley of MDCH.

#### Roadway

- ❖ MDOT continues to promote the collection of roadway inventory information (pavement conditions, speed limits, signage, etc.) on the trunk line system (better known as Asset Management).

- ❖ MDOT's efforts focused on data issues relative to rolling out SafetyAnalyst. SafetyAnalyst is a set of software tools under development by the Federal Highway Administration to help State and local highway agencies advance their programming of site-specific safety improvements. These software tools will incorporate state-of-the-art approaches to safety management to guide the decision making process on safety improvement needs and a system wide program of improvement projects. The four focus areas are discussed in challenges/goals for the next reporting period.

#### Driver/Vehicle

- ❖ No update

### **Challenges and/goals for the upcoming reporting period**

#### Crash

- ❖ Based on the recent Records Assessment, complete our 'NEW' Traffic Records Strategic Plan and submit an application for additional records safety funding dollars (408)
- ❖ Continue to promote the collection and submission of crashes electronically.
- ❖ Increase the reporting levels of BAC results for all drivers killed in motor vehicle crashes

#### JDW

- ❖ Implementation of Monroe Probate and Kent Circuit.

#### EMS

- ❖ Continue to increase the number of agencies submitting EMS run information using the on-line tool

#### Roadway

- ❖ For the next reporting period MDOT will concentrate its efforts in four areas to assist in the rolling out SafetyAnalyst.
- ❖ Completing the update of the freeway interchange inventory. This data collection effort is designed to meet the needs of SafetyAnalyst and other MDOT safety analysis.
- ❖ Review and validation of several data items currently found in the MDOT sufficiency file for use in SafetyAnalyst. After detailed inspection and verification of the data attributes, MDOT will evaluate the feasibility to begin collecting those items (with our standards and definitions) that are not adequate in Sufficiency, or not in Sufficiency.
- ❖ Integration of various Traffic and Safety databases, including bringing several MDOT databases based on Control Section referencing (i.e. signals files) to the statewide standard reference system (FRAMEWORK) using PR numbers, PR milepoints, and intersection identifiers
- ❖ Manipulation of traffic volume information for use in SafetyAnalyst including: development of ADT's for ramps from recent MDOT ramp counts and development of estimates for local road volumes at intersections with trunklines.