

Statewide Traffic Records Coordinating Committee  
(STRCC) Quarterly Meeting

**Meeting Notes**

September 18, 2014

**I. Call to order**

**Joanne Tinker** called to order the regular meeting of the **Statewide Traffic Records Coordinating Committee** at **9:30 a.m.** on Thursday, September 18, 2014, University of Iowa Research Park, Oakdale Campus, Coralville, IA.

**II. Attendees:**

Self-introduction of each attendee. (Please see Sign in sheet September 18, 2014 for attendees ). Also attending was Cori Peek-Asa, Marizen Ramirez, Tracy Young (UI IPRC) and Amanda Swanton (IPRC).

**III. Welcome and Introductions/Important Dates/Misc.**

Co-Chairs Dennis Kleen and Joanne Tinker. A special welcome from John Londell.

1. **40th International Forum on Traffic Records & Highway Information Systems** is being held this October 26-29, 2014 in St. Louis. There is still time to register.
2. **Local Road Safety Workshops**  
See attachment for dates, registration information, agenda and contact information.
3. **Sandy Bennett**  
Update reminder final claims are coming due and grant money requests need to be in. If there is any questions please let her know.
4. **April 28-29 25<sup>th</sup> Annual Governor's Highway Traffic Safety Conference**  
See attachment for date and location. If you have any ideas, topics or speakers, the agenda is open, please let us know.

**IV. Federal Partners Updates and Reports:**

Shirley McGuir

State improvement grants show Iowa is in the green.

## **V. TSDA Site**

Michael Pawlovich

Some of the reports found on this site are: Data, Roadway Data, Crash Information, EMS, Citation Support and Summaries.

1. Expandable ribbons give much more information.
2. If there is something you want to see on the site. Please let us know.
3. Working on a crash data tool. Hopefully available in a year or so.
4. Working on a DOT Infrastructure Condition. A map with all bridge locations. You will be able to click on the map and a pop up box will appear with information.
5. Lots of information available, such as, if projects are on time, the time to clear roads (snow removal), Safety page will give the fatal count.
6. Iowa is rated 26<sup>th</sup> (safety).
7. Many use this web site. If you have additional site links you would like to see on the site please let me know.

## **VI. University of Iowa / Injury Prevention Research Center Updates**

John Londell

1. Iowa Department of Public Health is working with the NVDRS (National Violent Death Reporting System) and we are looking at events that are occurring prior to the violent death.
2. Research is being done with emergency medicine and looking at transportation. (Example, one study with school bus data and finding that a lot of the crashes are while transporting to and from extra activities).
3. Program communication for drivers and younger drivers while partnering with insurance companies.
4. Project, looking at farm crashes. Iowa has the best data for study out of the 9 states being studied)

5. Bicycle safety project. Data collected with cameras atop bicycle helmets.
6. Child Traffic Safety Restraint Survey numbers show out of 279 2yr old and younger 278 were correctly restrained. 794 2yr-5yr olds 97% were restrained and 43 were restrained by just a seatbelt. 661 14yr-17yr olds were not restrained.
7. We are looking to support the helmet and seatbelt laws.

Cori Peek-Asa: IPRC (Injury Prevention Research Center)

1. We show data to other countries. Projects to advocate change for safety.
2. Three cities in the study and their findings.

Banjul, The Gambia. Looking at road vehicle types and types of EMS transportation.

- a. We set up the first trauma registry and are collecting information from two hospitals
- b. Information collected for 6 months.
- c. Findings: 1961 Patients 33.2 % were coded to the road when 26.1% were the correct road accidents. We found that asking more/different questions helped.
- d. The mode of transportation to the hospital was interesting as most were transported by taxi.

Cluj-Napoca, Romania: Looking at national road and local road pedestrian accidents.

- a. Collected data for national road ( a high speed road Primarily that goes straight though the country) and local roads.
- b. Country accidents the car/vehicle contributed to more of the crashes.
- c. City accidents the pedestrians contributed to more of the crashes.

Shantou, China: Transportation of children.

- a. Collected age and restraint used data.
- b. Findings; 2yr and younger 97.5% were not restrained.

- c. We handed out brochures and gave a 8 minute video (Why to Use a Safety Seat) and handed out a height chart. Those that participated 20% bought a safety seat when educated. 50% of mothers still do not see the need to use the safety seat.

Iowa, Major injury crashes.

- a. Are drivers injured in crash less likely to be cited than drivers who are not injured. Controlling for contributing causes? Not much information at this time still working on this.

- a. Do drivers who hit a bicyclist or pedestrians have more driving violation than other drivers?

Answer: Average. 10.6 charges median of 6 charges range 0-108

- b. Are driving citations predictive of crashes among elderly drivers? Not much information at this time still working on this.

Looking at elderly citations to see if there are crashes after a citation has been issued.

DR Carry Harland: Prevalence of Alcohol Testing and Impairment

DOT IA, MO, NE, ND,SD five years of testing 2005 – 2010 Farm Crashes

Tested alcohol .08 and greater.

Results 3246 45-50 yrs. old most likely male drivers

- 98% were tested crashes
- 23.5% were impaired.
- 56.6% were impairment by other vehicle
- 2 ½ more likely of injury or fatality with a farm vehicle and 9% more likely when alcohol is involved.

Shabbar I Ranapurwala: Effect of road segment characteristic on the farm vehicle related crashes.

- a. Results in more fatalities and injury crashes.
- b. Sinuosity of road segment
- c. Data collected from IA, IL, KS, MN, MO, ND, SD and WI.
- d. X Y coordinates from 68458 crashes.
- e. Road segments identified. Sinuosity, grade, zip code, segment length and road type was used to match the data.
- f. Results: We were shown a chart that showed as the deviation of rad increased more crashes occur. When grade increases more crashes have occurred.

Amanda Swanton: Time to Definite Trauma Care in Farmers

- a. Trauma system, Pre hospital, 911 Ems, Hospital, Hospital Evaluation,
- b. Trauma Assessment Care Evaluation
- c. 509 fatal occupational injury
- d. We looked at the ability to get treated for trauma.
- e. The variables that played a role are location, work isolation, road, accident scene and rural location.
- f. From trauma registry we are able to get data such as:
  - Farm information, age, sex, time of injury, ems, if they were transferred to additional treatment facilities.
  - Are farmers using ems? 44 % compared to 66% non-farmer.
  - Median time for treatment is 20min longer.

g. Findings:

- Farmers using EMS have 25% less likely to reach care.
- Rural less likely to reach care timely/delay
- Delays for farmers are only significant in metropolitan zip codes.
- More likely to have transfers in care.

### **XIII. Farm Progress Show Recap**

Kathy Leinenkugel

1. 2014 Farm progress show. Consisted of 13 blocks 3 streets total of about 13 acres.
2. 70' x 170' space was donated.
3. Described setup and tent displays. Wet but good crowds. Two days of exhibits called due to weather.
4. Information that was available at our booth was:
  - Zero fatalities.
  - Rural roadway safety banner and materials
  - IDPH OHSSP had printed materials.
  - Rural roadway safety and Iowa safety (ATV) and distracted driver.
  - Model railroad display
  - 8B Ford
  - 71 farm related fatalities projected, and 55 on road fatalities. We are watching the numbers closely.

## **V. Roundtable Reports**

Some of the roundtable, there was plenty of information and conversation:

- Terry Smith: Emergency and trauma service.
- Adam Buck: Invites everyone to webinar.
- Debbie Cox: New accident report
- Kathy McLear: Parent taught driver education will be going into effect October. More information on the web site.
- Kathy Leinenkugel: Law enforcement struck, 2004 - 2013 570 crash related deaths in vehicle crashes.
- Larry Smith: Office survey, school bus safety discussed.
- Michael Pawlovich: reminded that STRCC meetings minuets are on the web site.
- John Londell: Traffic safety has partner with Hawkeye Sports and Cyclone Sports TV spots out there. The two traffic boards distracted driving was discussed. Information on the boards are weather event or crash ahead information.

## **VI. Next Meeting**

No date or time set.

## **VII. Adjournment**

Meeting adjourned

Notes submitted by: Debbie Cox (sorry if any information was omitted.)