TRAFFIC SAFETY SUMMIT
November 8, 2012
Texas Station Hotel Casino

KIM EDWARDS
NEVADA DEPARTMENT OF TRANSPORTATION
INTRODUCTIONS

- **Kim Edwards** - Sr. Transportation Analyst NDOT
- **Shirl Visger** – Crime Analyst II with LVMDP, Traffic Division
- **Bill Brown** - Project Director, Center for Traffic Research
WHERE DOES CRASH DATA COME FROM

• The crash data we use and disseminate comes from statewide law enforcement agencies, collected quarterly and uploaded and stored at DPS Records and Technology currently as the NCATS data repository.

• NDOT takes a copy and manipulates it into tables that can be queried.
TYPES of DATA

- Crash Data in tabular format usually in Excel
- Crash Data in geo spatial format. We are currently an Intergraph office but we are migrating to ESRI
- Intersection Data, signalized/un-signalized
- Guardrail Inventory
- Mile posting
- Center line & shoulder rumble strips
- Traffic Counts
- AVMT’s Annual Vehicle Miles Traveled by county
- Functional Classification
DATA USERS

- NDOT - SAFETY ENGINEERING
  - HIGHWAY SAFETY IMPROVEMENT PROGRAM
  - STRATEGIC HIGHWAY SAFETY PLAN CEA TEAMS
    - Quarterly data to monitor performance measures
  - REDUCE FATALITIES AND SERIOUS INJURIES
  - FEDERAL REPORTING
- LOCAL CITY AND COUNTY TRAFFIC ENGINEERS
- ANALYSTS IN YOUR OWN OFFICE
- EMERGENCY MEDICAL – UMC TRAUMA
- PRIVATE CITIZENS
- UNIVERSITY RESEARCH graduate students and national studies
- OTHER STATE AGENCIES
- EVEN OTHER STATES REQUEST DATA
Data provided by NDOT is protected:

- **THIS INFORMATION IS PROTECTED BY FEDERAL MANDATE, TITLE 23 USC SECTION 409**

  Discovery and admission as evidence of certain reports and surveys CANNOT BE USED FOR LITIGATION shall not be subject to discovery or admitted into evidence in a Federal or State court proceeding or considered for other purposes in any action for damages arising from any occurrence at a location mentioned or addressed in such reports, surveys, schedules, lists, or data.
CEA Teams
- Impaired Driving
- Pedestrian
- Lane Departure
- Intersection
- Restraints

Support Teams
- Data Team
- SCA Team
<table>
<thead>
<tr>
<th>CEA TEAM</th>
<th>2007</th>
<th>2008</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>5 yr %</th>
</tr>
</thead>
<tbody>
<tr>
<td>IMPAIRED</td>
<td>118</td>
<td>107</td>
<td>70</td>
<td>56</td>
<td>39</td>
<td>-66%</td>
</tr>
<tr>
<td>INTERSECTION</td>
<td>110</td>
<td>65</td>
<td>74</td>
<td>78</td>
<td>67</td>
<td>-39%</td>
</tr>
<tr>
<td>PEDESTRIAN</td>
<td>52</td>
<td>56</td>
<td>35</td>
<td>36</td>
<td>43</td>
<td>-17%</td>
</tr>
<tr>
<td>LANE DEPARTURE</td>
<td>164</td>
<td>127</td>
<td>138</td>
<td>128</td>
<td>90</td>
<td>-45%</td>
</tr>
<tr>
<td>RESTRAINTS</td>
<td>124</td>
<td>91</td>
<td>89</td>
<td>74</td>
<td>63</td>
<td>-49%</td>
</tr>
<tr>
<td>CEA TEAM</td>
<td>2007</td>
<td>2008</td>
<td>2009</td>
<td>2010</td>
<td>2011</td>
<td></td>
</tr>
<tr>
<td>------------------</td>
<td>------</td>
<td>------</td>
<td>------</td>
<td>------</td>
<td>------</td>
<td></td>
</tr>
<tr>
<td>IMPAIRED</td>
<td>32%</td>
<td>33%</td>
<td>29%</td>
<td>22%</td>
<td>16%</td>
<td></td>
</tr>
<tr>
<td>INTERSECTION</td>
<td>29%</td>
<td>20%</td>
<td>30%</td>
<td>30%</td>
<td>27%</td>
<td></td>
</tr>
<tr>
<td>PEDESTRIAN</td>
<td>14%</td>
<td>17%</td>
<td>14%</td>
<td>14%</td>
<td>17%</td>
<td></td>
</tr>
<tr>
<td>LANE DEPARTURE</td>
<td>44%</td>
<td>39%</td>
<td>57%</td>
<td>50%</td>
<td>37%</td>
<td></td>
</tr>
<tr>
<td>RESTRAINTS</td>
<td>33%</td>
<td>28%</td>
<td>37%</td>
<td>29%</td>
<td>26%</td>
<td></td>
</tr>
</tbody>
</table>
WHERE TO REQUEST DATA

REPORTS and PUBLICATIONS

Planning and Data Collection Related

Planning

- CORSIM Modeling Guidelines – Traffic Simulation Tool
- Strategic Highway Safety Plan

Studies and Reports

- Annual Traffic Report
- Annual Vehicle Miles of Travel Report
- Annual Work Program (AWP)
- Connecting Nevada – Planning Nevada’s Transportation Future
- Crash Data Request Form
- Functional Classification Maps
- Goods Movement Study
- Nevada Traffic Crash Data
NEVADA TRAFFIC CRASH REPORTS

For current crash data please download and complete the appropriate Crash Data Request form located down below or on the [Forms Download page](#) under the Safety Engineering and Email it to crashinfo@dot.state.nv.us.

Crash Data Request Forms

- [City: County: Engineering Firm Crash Data Request Form](#) (84 kB)
- [NDOT Safety Engineering Crash Data Request Form](#) (73 kB)
- [Media Crash Data Request Form](#) (105 kB)
- [Citizen Crash Data Request Form](#) (79 kB)

Crash Data

*Current Nevada Traffic Crash Reports*

Nevada Traffic Crashes 2010 [2010 Report](#)
Without the participation of law enforcement and their efforts to collect the necessary data at each crash, efforts to implement mitigation strategies, build safer roads and general understanding what occurred before and during the crash would not exist.

Our thanks go out to the.
CONTACT INFORMATION

- Kim Edwards
  Sr. Transportation Analyst
  (775) 888-7204
  kedwards@dot.state.nv.us

- Chris Wright
  Transportation Analyst II
  (775) 888-7196
  cwright@dot.state.nv.us
MORE NDOT CONTACTS

- Jim Ceragioli, Sr. Safety Coordinator NDOT (775) 888-7462  jceragioli@dot.state.nv.us
- Jenny Hartley, Transportation Analyst I (775) 888-7184  jhartley@dot.state.nv.us
- Matt Banes, Transportation Analyst I (775) 888-7169  mbanes@dot.state.nv.us
- Grahame Ross, Transportation Analyst II (775) 888-7100  gross@dot.state.nv.us
- Nevada Department of Transportation  www.nevadadot.com