STRATEGIC HIGHWAY SAFETY PLAN

North Dakota Department of Transportation
Keith Magnusson – Deputy Director for Driver and Vehicle Services

Safe Ways
Great Ways
Promoting Economic Growth
Partners

- American Association of Motor Vehicle Administrators
- American Traffic Safety Services Association
- Association of Counties
- Burleigh County Sheriffs Office
- Cass County Sheriffs Office
- Fargo City Police
- Federal Motor Carrier Safety Administration
- Grand Forks City Police
- Local Technical Assistance Program
- Medical Community
- Metropolitan Planning Organizations
- Minot City Police
- National Highway Traffic Safety Administration
- ND Department of Transportation
- ND Game & Fish Department
- ND Highway Patrol

- ND Department of Health
  - Division of Emergency Medical Services
  - Division of Vital Records
- ND Human Services Department
- ND Peace Officers Association
- ND Traffic Operations Roundtable
- Operation Lifesaver
- Railroads
- Rural Transportation Safety & Security Center
- Safe Communities
- Safe Routes to School Coordinator
- Stark County Sheriffs Office
- Tribal Technical Assistance Program
- Altru Ambulance Service
- F-M Ambulance Service
- ND Association of Public-Safety Communications Officials APCO
PURPOSE

• Identify key safety problems & needs
• Guide investment decisions to reduce highway fatalities and injuries
• Integrates the 4Es – Engineering, Education, Enforcement and Emergency Medical Services (EMS)
• Data driven to develop strategies and countermeasures
SHSP Work Team
Marsha Lembke – Co-Chair
Mark Gaydos - NDDOT
Peggy Anderson - NDDOT
Kelly Rodgers - NDPOA
Jeff Jensen – FMCSA
Jane Berger – Co-Chair
Dawn Olson – NDDOT
Mike Becker – NDDOT
Steve Busek - FHWA
Tim Meyer - Div. of Emergency Medical Services

Engineering
Chair - Mark Gaydos
NDDOT Design

Education
Chair - Dawn Olson
NDDOT Office of Traffic Safety

EMS
Chair - Tim Meyer
Div. of Emergency Medical Services

Enforcement
Chair - Kelly Rodgers
Highway Patrol (NDPOA)

NDDOT Director

NDDOT Deputy Directors

SHSP Work Team

Removing the Silos

NDDOT Design

NDDOT Office of Traffic Safety

Div. of Emergency Medical Services

NDPOA

FHWA

FMCSA

NDDOT

REMOVING THE SILOS
Engineering Committee

- **Chair: Mark Gaydos** - NDDOT Design
  - Brad Pfeifer - NDDOT
  - Al Covlin (NDDOT Traffic Operations)
  - ND Traffic Operations Round Table
  - Rob Rayhorn (District Engineer)
  - Districts
  - Mike Kisse (Maintenance Division)
  - Paul Benning (Local Gov’t.)
  - Metropolitan Planning Organizations
  - Association of Counties
  - Safe Routes to School
  - Bob Johnston (Planning, Rail Section)
  - Railroads
  - Gary Berreth - Rural Transportation Safety & Security Center
  - Terry Steinwand - Game and Fish
  - Chad Weatherman - ATSSA
Education Committee

• Chair: Dawn Olson – NDDOT Office of Traffic Safety
  • Carol Thurn - Safe Communities
  • Tanya Wisnewski - Operation Lifesaver
  • AAMVA
  • Gina Espinosa-Salcedo - NHTSA
  • Dawn Mayer - Health Department
  • Prevention Resource Center -
  • Human Services
  • Don Andersen - LTAP
  • Dennis Trusty - TTAP
Emergency Medical Services Committee

- **Chair: Tim Meyer** - Div. of Emergency Medical Services
  - Darin Meschke – Vital Records
  - Nancy Capes – Altru Ambulance Service
  - Mike Hall – F-M Ambulance Service
  - Dean Lampe – ND EMS Association
  - Janelle Pepple – ND APCO
Enforcement Committee

- Chair: Kelly Rodgers (NDPOA)
  - Highway Patrol
    - Mark Bethke
    - Eldon Mehrer
  - Sheriffs
    - Les Witkowski – Burleigh Co.
    - Clarence Tuhy – Stark Co.
    - Mike Argall – Cass Co.
- City Police
  - Mike Mitchell – Fargo
  - Keith Schroeder – Grand Forks
  - Margie Zietz – Minot
- LeeAnn Jangula - FMCSA
Development

- Gather Data
- Analyze Data
- Identify Key Emphasis Areas
- Identify Strategies, Countermeasures, and Performance Based Goals
- Determine Priorities for Implementation
- Develop Action Plans for Critical Strategies
- Compile SHSP Document
EMPHASIS AREAS

1. Reduce Alcohol Impaired Driving
2. Increase the Use of Safety Restraints for all Occupants
3. Younger Driver/Older Driver Safety
4. Curb Aggressive Driving
5. Improvements to Address Lane Departure Crashes
6. Enhancing Emergency Medical Capabilities to Increase Survivability
7. Improve Intersection Safety
Reduce Alcohol
Impaired Driving

Objective

- Reduce the percentage of alcohol-related fatalities to 38% by 2008, and reduce the DUI arrests.
Increase the Use of Safety Restraints for all Occupants

Objective

• Increase statewide seatbelt usage to 81.3% by 2008.
Younger Driver/Older Driver Safety

Objectives

• Reduce the number of fatal and injury crashes involving under 20 year old drivers and 65+ year old drivers by 10% by 2008.
Curb Aggressive Driving

Objective

• Reduce the number of crashes with contributing factors of speeding and following too closely by 10% by 2008. Analyze crashes and work with law enforcement to determine what are the main factors related to aggressive driving and how can we best capture when it is contributing to crashes and if it is truly a significant area of concern in the state.
Improvements to Address Lane Departure Crashes

Objective

- Reduce the number of run off the road fatalities and injuries by 10% by 2008.
Enhancing Emergency Medical Capabilities to Increase Survivability

Objective

- Reduce the number of fatalities per 100 million VMT to 1.0 by 2008.
Objective

- Reduce the number of intersection fatalities and injuries by 10% by 2008.

### Intersection Fatal Crashes

<table>
<thead>
<tr>
<th>Year</th>
<th>1999</th>
<th>2000</th>
<th>2001</th>
<th>2002</th>
<th>2003</th>
<th>2004</th>
<th>2005</th>
<th>Goal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crash Count</td>
<td>34</td>
<td>16</td>
<td>14</td>
<td>22</td>
<td>30</td>
<td>23</td>
<td>14</td>
<td>12</td>
</tr>
</tbody>
</table>

### Intersection Injury Crashes

<table>
<thead>
<tr>
<th>Year</th>
<th>1999</th>
<th>2000</th>
<th>2001</th>
<th>2002</th>
<th>2003</th>
<th>2004</th>
<th>2005</th>
<th>Goal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crash Count</td>
<td>1337</td>
<td>1248</td>
<td>1206</td>
<td>1256</td>
<td>1272</td>
<td>1092</td>
<td>1042</td>
<td>937</td>
</tr>
</tbody>
</table>
ASSOCIATED SAFETY PLANS & PROGRAMS

- Traffic Records Strategic Plan
- Highway Safety Plan
- Highway Safety Improvement Program
- Traffic and Criminal Software (TraCS)
Implementation

>Serves as a framework for safety activities
>Action Plans

Evaluation

>Track performance measures
>“Living document”