

CRASH DATA MANAGEMENT

Traffic and Criminal Software (TraCS)



THE IMPORTANCE OF DATA!

- ❑ Proactive Approach to Safety
- ❑ Identifies and Analyzes Critical Elements to Crashes By:
 - Who, What, Where, When, Why?
 - Age and Gender
 - Location
 - Types of Vehicles Involved
 - Contributing Factors
 - ◆ Behavioral Concerns (alcohol, seatbelts, speed, etc)
 - ◆ Engineering Concerns
 - ✓ Curve Delineation
 - ✓ Rumble Strips/Stripes
 - ✓ Speed Limits
 - ✓ Other Effective Countermeasures

CRASH DATA
SUPPORTS THE FOUR "E"s!
EDUCATION
ENGINEERING
EMS
ENFORCEMENT

What is TraCS?

- ▣ Traffic and Criminal Software (TraCS)
- ▣ Provides officers with the ability to electronically record and retrieve incident information on the scene.
- ▣ Eliminates having to copy the same information from form to form.
- ▣ Citation Component for L.E.

What is TraCS?

- ▣ Provides data validation
 - Ensures forms are complete and accurate
- ▣ Diagramming
 - Simple to use, drag-and-drop tool
- ▣ Printing
 - Allows formatting to look like the existing paper report

Licensed TraCS States/Provinces

▣ **18 States**

Alaska	Florida
New York	South Dakota
Arizona	North Carolina
Arkansas	Iowa
North Dakota	Wisconsin
Nebraska	Oklahoma
New Mexico	Pennsylvania
Illinois	

▣ **1 Canadian Province**

Manitoba

ND agencies using TraCS

- 28 of 60 Police Departments
- 38 of 53 Sheriff's Departments
- ND Highway Patrol

MOTOR VEHICLE CRASH WORKSHEET

20090916

A G E N C Y	Crash Date (MM/DD)	Time (24HR)	Officer No.	Officer Name	Agency Name
	Police Notified Time (24HR)	Emergency Unit Responding	30001	Administrator, System	Metz County Sheriff
L O C A T I O N	Original Agency Identifier	County Code	County	City Code	City
	Highway	Reference Point	Latitude	Longitude	
U N I T	On Street Name	PT From Intersection	Intersecting Street 1	Intersecting Street 2	
	No. of Units	No. of Passengers, Witnesses, or Property Damage			
U N I T	Unit Configuration	Vehicle Movement	Is Operator Same as Operator?		
	Operator Last Name	Operator First Name	DOB	Owner Last Name	Owner First Name
U N I T	Operator Address	Operator Phone	Owner Address	Owner Phone	
	Operator City	State	Zip Code	Owner City	State
U N I T	Operator License No.	State	DOB	Age	Sex
	Operator License No.	State	DOB	Age	Sex
U N I T	Insurance Company Name	Policy No.	Unit Insured	Damage Amount	
	Attachments	T. Truck Cargo Body Type	Not applicable - 18		
U N I T	EVN Number	UNK (Out of State Vehicles Only)	T. Trafficway		

Crash Report

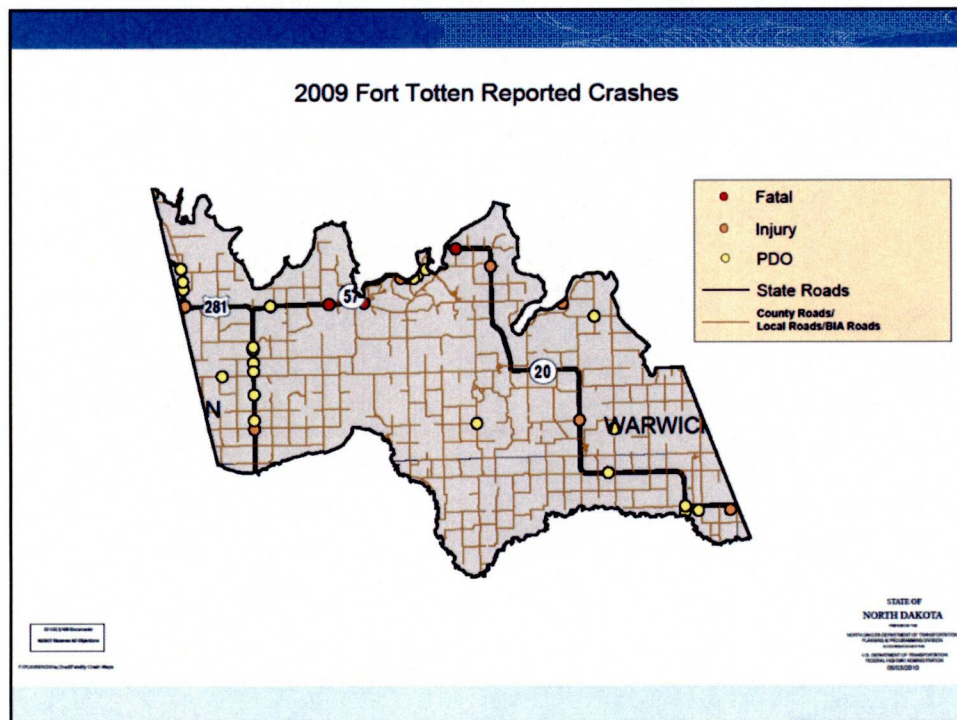
- Currently 82.4 percent of crash reports are received electronically through TraCS.
- Error reduction
 - Paper report 66.2 percent
 - TraCS Report 5.9 percent
- Crash reports are received in a more timely manner
- Legible
- Collect – 47 attributes and 553 elements

Tribal TraCS Implementation

- ▣ Hardware
 - Funding Assistance Through Federal Lands Resources (FHWA)
- ▣ Software
 - Funding Provided by NDDOT thru NHTSA Grant
- ▣ Training/Support
 - Funding Provided By NDDOT thru NHTSA Grant
- ▣ MOU (Memorandum of Understanding)
 - Agreements Developed Individually for Each Tribe
 - I.E. - Turtle Mountain Agreement

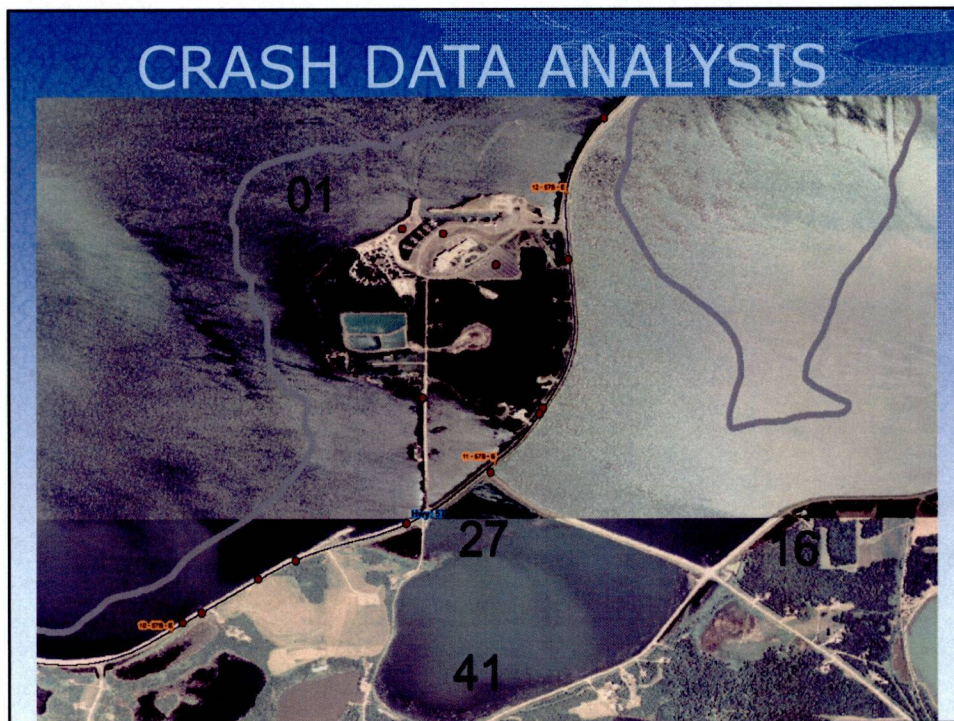
Tribal TraCS Status in North Dakota

- ▣ Turtle Mountain
 - MOA in place-(No Personal Identifiers)
 - Equipment being purchased/installed - training to follow
- ▣ Three Affiliated Tribes
 - Strong Interest-Moving Forward
- ▣ Standing Rock Sioux Tribe
 - Strong Interest-Moving Forward
- ▣ Spirit Lake Nation
 - Have met with Tribal officials to discuss



Why TRaCS?

- The Easier the Reporting,
- The Better the Data,
- The **SAFER** Your Community!



Regional DUI Task Forces

- ❑ NHTSA Section 410 Funding
- ❑ Eighty-three percent of all ND Law Enforcement Agencies Participate
- ❑ DUI Saturation Events Held Quarterly in Each of the Eight Established Regions
- ❑ All Four North Dakota Tribes Participating

Regional DUI Task Forces, con't

- ▣ Two Regional meetings held annually with NDDOT presence (All L.E.)
- ▣ One Onsite Meeting held Annually at all Four Tribal Law Enforcement Locations with NDDOT Safety Division Staff

Tribal Community Traffic Safety Programs

- ▣ NHTSA Section 402 Funds Provided
- ▣ Provide \$50,000/Year Per Tribe
- ▣ Contracts Currently in Place:
 - Turtle Mountain Band of Chippewa(2010)
 - Three-Affiliated Tribes (2011)
 - Standing Rock Sioux Tribe(2012)

CTSP Focus:

- ▣ Educational Outreach to Change Driving Behaviors
- ▣ Work with Tribal Entities for Implementation of TraCS
- ▣ Provide Outreach for Core Traffic Safety Campaigns:
 - Click It or Ticket
 - Drive Sober or Get Pulled Over
 - Parents LEAD, Child Passenger Safety
 - Motorcycle Safety, Other HVE Campaigns

Tribal CTSP, cont'd

- ▣ Media Activities
 - Messaging through News Releases, News Conferences, Live Radio Remotes, Television and Radio Interviews
- ▣ NDDOT Also Provides for Funding of Safety Messages on 'Good Health' TV Located in All Indian Health Services Facilities
- ▣ Assist with Tribal Strategic Highway Safety Plan

Tribal CTSP, cont'd

- ▣ Internet Marketing Activities
 - Blogging, social networks, etc.
 - Coordinate with Tribal Court System to Implement Strategies to Assure Effective Adjudication of DUI and Underage Drinking Offenses and Reduce Recidivism

Questions?

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Thank-You!