

SOUTHEAST MINNESOTA TOWARD ZERO DEATHS

MAY 19, 2011

The Best Breakout Session

Hosted in the Royale A Room

County Highway Safety Plans & Behavior

. *.like politics, it's all local*

COUNTY ROADWAY



Safety PLAN

Moving Toward **ZERO** Deaths

Creating Safety Plans for All 87 Counties.

Phase I: Nov 2009 to Aug 2010
ATP 3 and ATP 6

Phase II: Aug 2010 to May 2011
ATP 4, ATP 8, and
Hennepin County

Phase III: May 2011 to Feb 2012
ATP 1, ATP 7, and
Steele and Chisago Counties

Phase IV: Feb to Oct 2012
ATP 2 and Anoka, Carver, Dakota,
Ramsey, Scott and Washington
Counties

Planning in Partnership

Engaging our 4 E Partners

Engineering

Education

Enforcement

Emergency Response



County Highway Safety Plans

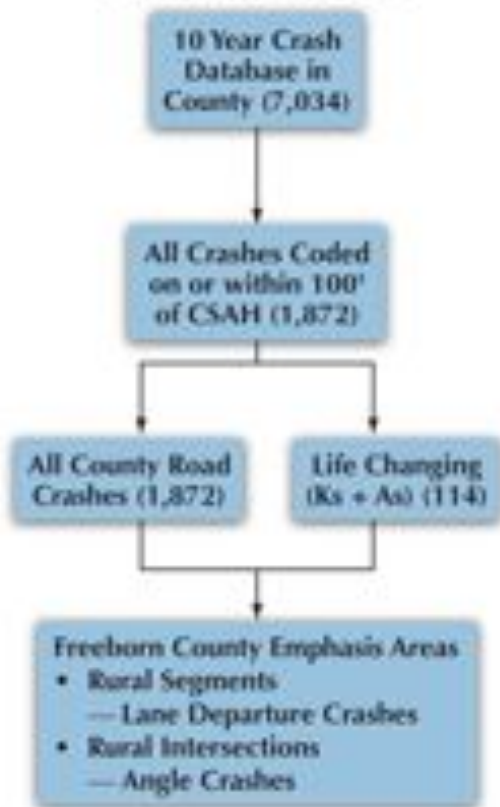


Where our worlds crash.....



Systematic Analysis— County Highways

Freeborn County Road Safety Audit Review Analysis Model

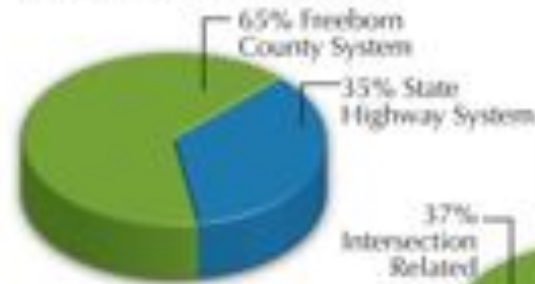


Systematic Analysis of County Highways (1 of 2)

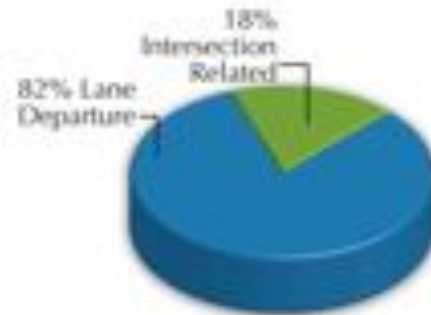
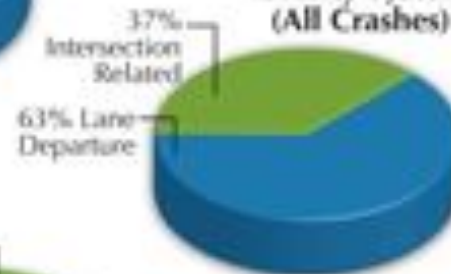
Source: Freeborn County Road Safety Audit Report, 2008

Additional Analysis to Support Priorities of CEAs in Freeborn County (2002–2006 Crash Data)

Freeborn County Crashes on Conventional Roads (553)



Crash Types on County System (All Crashes)



Life Changing Crashes on County System (Fatal and Severe Injuries)

Highlights

- An example of safety planning at the local level is the work done by Freeborn County.
- The County's crash data was analyzed using the MnCMAT tool – this analysis identified Lane Departure crashes along rural segments on the county system and Angle crashes at rural intersections as the highest safety priorities.
- A review of crash data for the 2002 to 2006 timeframe found 65% of the crashes on conventional roads occurred on the county system.
- The most relevant type of crash is lane departure and 63% of these occurred on the county system.
- Lane departures accounted for 82% of the severe crashes and 92% of these occurred on the county system.

Improved Guardrail Installations

CSAH # 14
West of
CSAH # 22





Enhanced Curve Delineation



Edgeline Rumble Stripes



Intersection Signage/Pvmnt Markings



6" Epoxy Edge Lines



MINNESOTA DEPARTMENT OF TRANSPORTATION
DODGE, FREEBORN, GOODHUE, HOUSTON, MOWER, WABASHA
AND WINONA COUNTY

CONSTRUCTION PLAN FOR ENHANCED EDGELINE PAVEMENT MARKINGS.

GEOGRAPHIC DESCRIPTION: LOCATED IN DODGE, FREEBORN, GOODHUE, HOUSTON, MOWER, WABASHA AND WINONA COUNTY.

STATE PROJECT: SP 088-070-025

GROSS LENGTH FEET 902.00 MILES
 BRIDGE LENGTH 0.00 FEET 0.000 MILES
 EXCEPTION LENGTH 0.00 FEET 0.000 MILES
 NET LENGTH FEET 902.00 MILES

PROJECT LOCATION

N
W E
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MINN. PREL. PLA. DESIG' 6011 (1/71)

GOVERNING SPECIFICATIONS
 THE 2003 EDITION OF THE SPECIFICATIONS
 OF TRANSPORTATION "STANDARD SPECIFICATIONS
 FOR CONSTRUCTION" SHALL CONTROL.

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Sheet No. 4	Freeborn County Map
Sheet No. 5	Goodhue County Map
Sheet No. 6	Houston County Map
Sheet No. 7	Mower County Map
Sheet No. 8	Wabasha County Map
Sheet No. 9	Winona County Map

THIS PLAN CONTAINS 9 SHEETS

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A duly LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

[Signature]
 DATE: 12/17/08
 2/9/11



Federal Safety Investment County Highways of D6

\$6,400,000

Behavior Targeted by Plans



Young Drivers



Distracted Drivers



Impaired Drivers



Unbelted Drivers



Aggressive Drivers



Plan Emphasis

... four simple steps



buckle up



drive at safe speeds



pay attention



never drive impaired



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County Highway Safety Plans & Behavior Strategies

