

Comprehensive Highway Safety Plan



2013 Annual Transportation Safety Meeting
October 16-17, 2013

Lynn Zanto
Rail, Transit and Planning
Administrator,
Montana Department of
Transportation

Purpose of the Annual Meeting

- Overview of the CHSP/MAP-21
- Review most current crash data
- Evaluate our Progress
- Collaborate on new ideas

Comprehensive Highway Safety Plan (CHSP) Overview

- Initiated in 2006, and amended in 2010
- Collaborative effort among multiple agencies and safety partners
- Data driven process
- 12 Emphasis Areas

Montana Comprehensive Highway Safety Plan

Amended 2010



State of Montana Department of Transportation



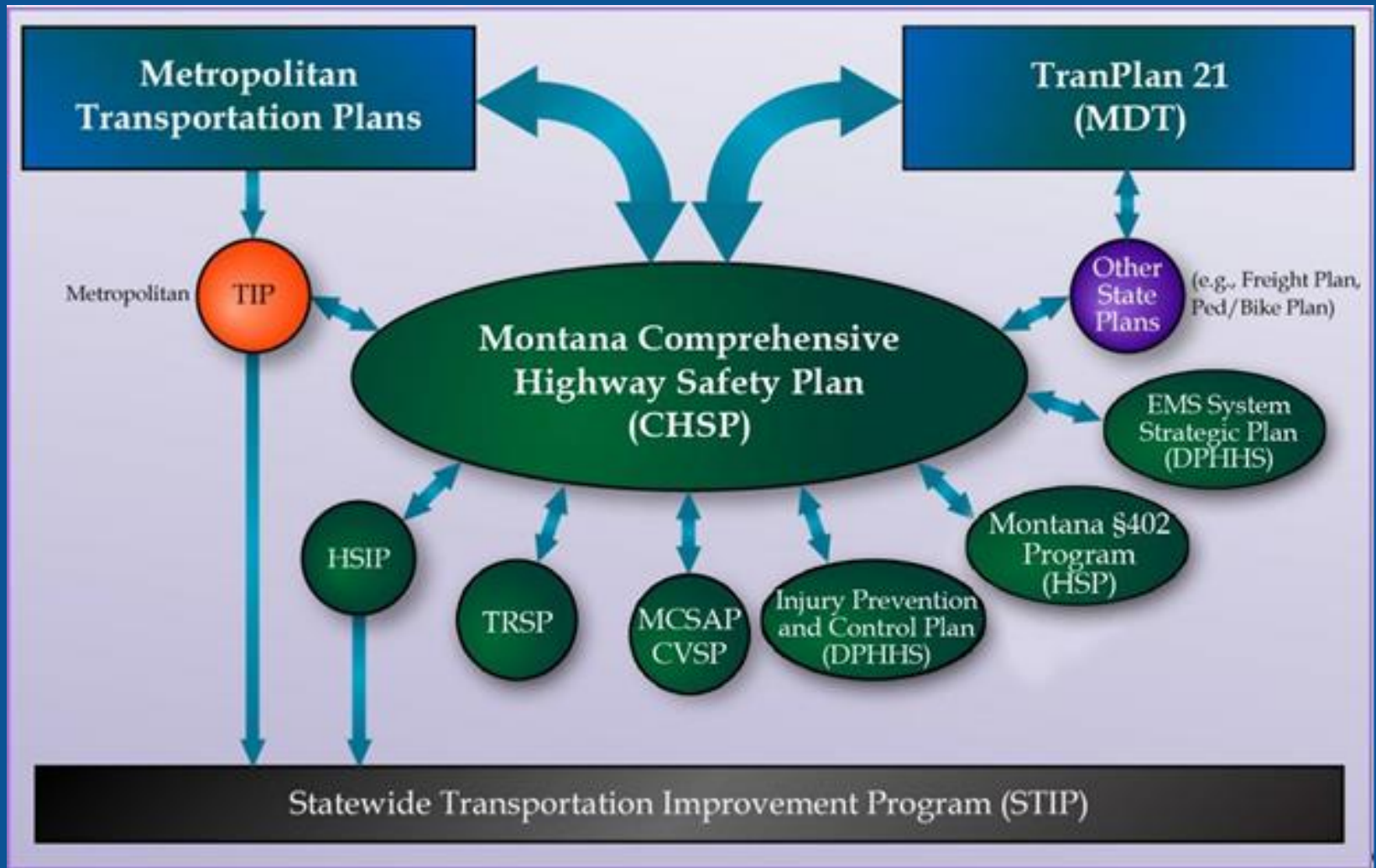
in cooperation with:

Federal Highway Administration
National Highway Traffic Safety Administration
Blackfeet Tribe
Confederated Salish and Kootenai Tribes
Crow Tribe
Chippewa Cree Tribe
Little Shell Tribe
Northern Cheyenne Tribe
Fort Peck Tribes
Montana Highway Patrol
Montana Motor Vehicle Division
Montana Office of Public Instruction
Montana Department of Justice
Montana Department of Revenue
Office of the Court Administrator
Federal Motor Carrier Administration
Montana Metropolitan Planning Organizations
Montana Department of Public Health and Human Services

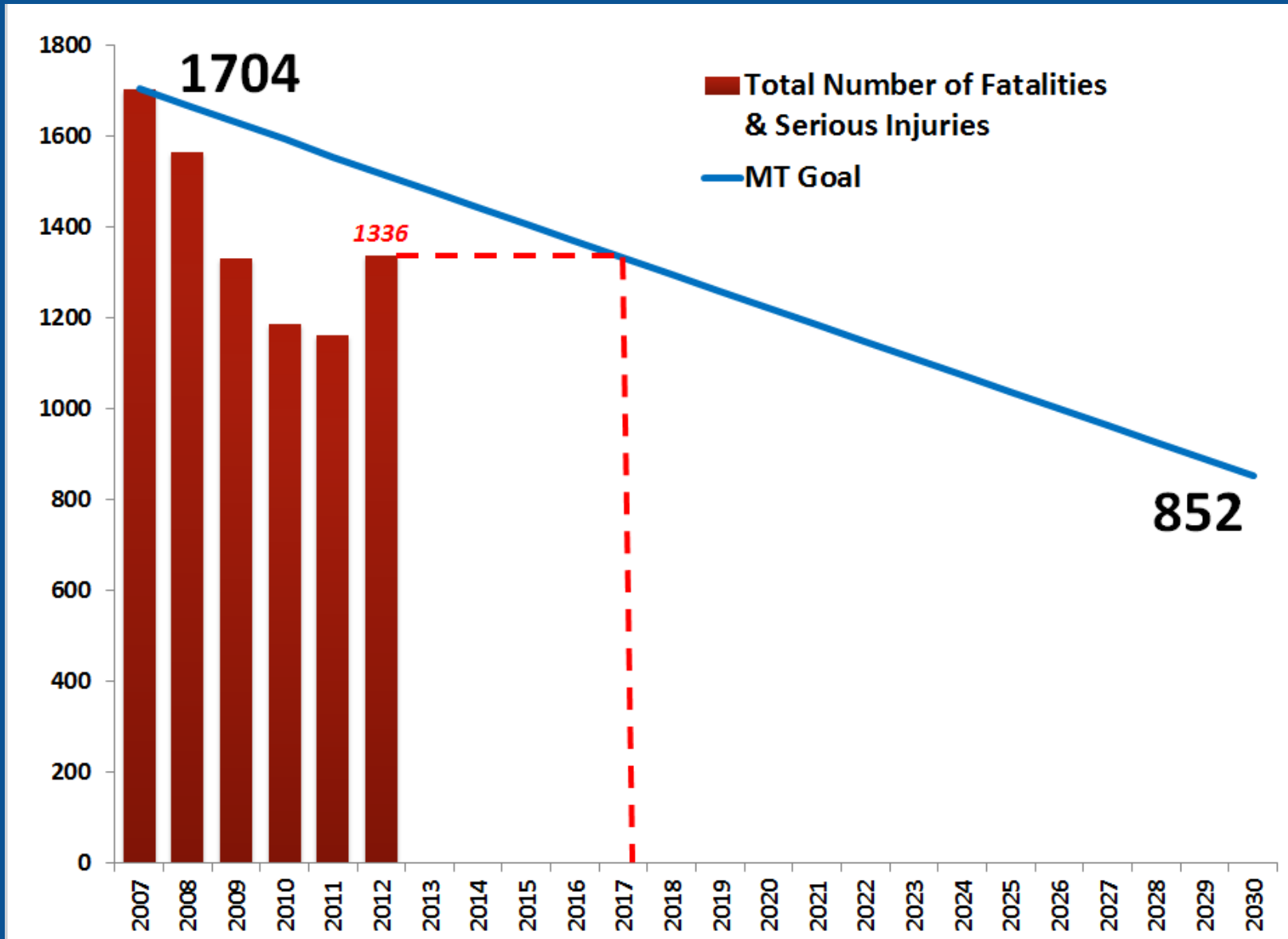
prepared by:

Cambridge Systematics, Inc.

Relationship of Montana CHSP with Agency Safety Plans and Programs



MT Highway Safety Goal



Emphasis Area by Severity

	<u>2012 Percentage of All Severe Injuries</u>
Urban Crashes	16%
Impaired Crashes	27%
Large Vehicle & Bus	7%
Motorcycle Crashes	12%
Young Driver Crashes	21%
Older Driver Crashes	13%
Run-off-the-Road Crashes	60%
Unbelted Crashes	47%

Moving Ahead for Progress in the 21st Century (MAP-21)

- Passed July 6, 2012
- 2 year Highway Bill
- Establishes 7 National Performance Measures
- Changes across the board, including safety



New MAP-21 Provisions

	MT CHSP	MAP-21
Evaluates plan on a regularly recurring basis...	✓	✓
Establishes 4 Performance Measures for Safety	✓	✓
Regular CHSP updates	✓	✓
If traffic fatalities and serious injuries per capita for drivers and pedestrians over 65 increases during the most recent 2-year period which data is available, the State is required to include strategies to address these increased rates	✓	✓

USDOT Implementation of MAP-21 Performance Provisions: Nine Interrelated Rules

Planning

Metropolitan and Statewide Planning Rule

- Establish a performance-based planning process at metropolitan and state level.
- Define coordination in the selection of targets, linking planning and programming to performance targets.

Highway Safety

Safety Performance Measure Rule

- Propose and define fatalities and serious injuries measures, along with target establishment, progress assessment and reporting requirements.
- Discuss the implementation of MAP-21 performance requirements.

Highway Safety Improvement Program (HSIP) Rule

- Integration of performance measures, targets, and reporting requirements into the HSIP.
- Strategic Highway Safety Plan updates.

Highway Safety Program Grants Rule*

- State target establishment and reporting requirements.
 - Highway safety plan content, reporting requirements, and approval.
- * Interim Final Rule issued by NHTSA in January 2013.

Highway Conditions

Pavement and Bridge Performance Measure Rule

- Propose and define pavement and bridge condition measures, along with minimum condition standards target establishment, progress assessment and reporting requirements.

Asset Management Plan Rule

- Contents and development process for asset management plan.
- Minimum standards for pavement and bridge management systems.

Congestion/System Performance

System Performance Measure Rule

- Define performance of the interstate system, non-interstate national highway system, and freight movement on the interstate system.
- Finalize interpretation of scope of CMAQ performance requirements, including congestion and on-road mobile source emissions.
- Summarize MAP-21 highway performance measure rules

Transit Performance

Transit State of Good Repair Rule

- Define state of good repair and establish measures.
- Transit asset management plan content, target establishment and reporting requirements.

Transit Safety Plan Rule

- Define transit safety standards.
- Transit safety plan content and reporting requirements.

The Federal Transit Administration plans to issue an Advance Notice of Proposed Rulemaking (ANPRM) for each of these two proposed rules in the summer of 2013, providing an additional comment period.

2013

2014

2015

Q4

Q1

Q2

Q3

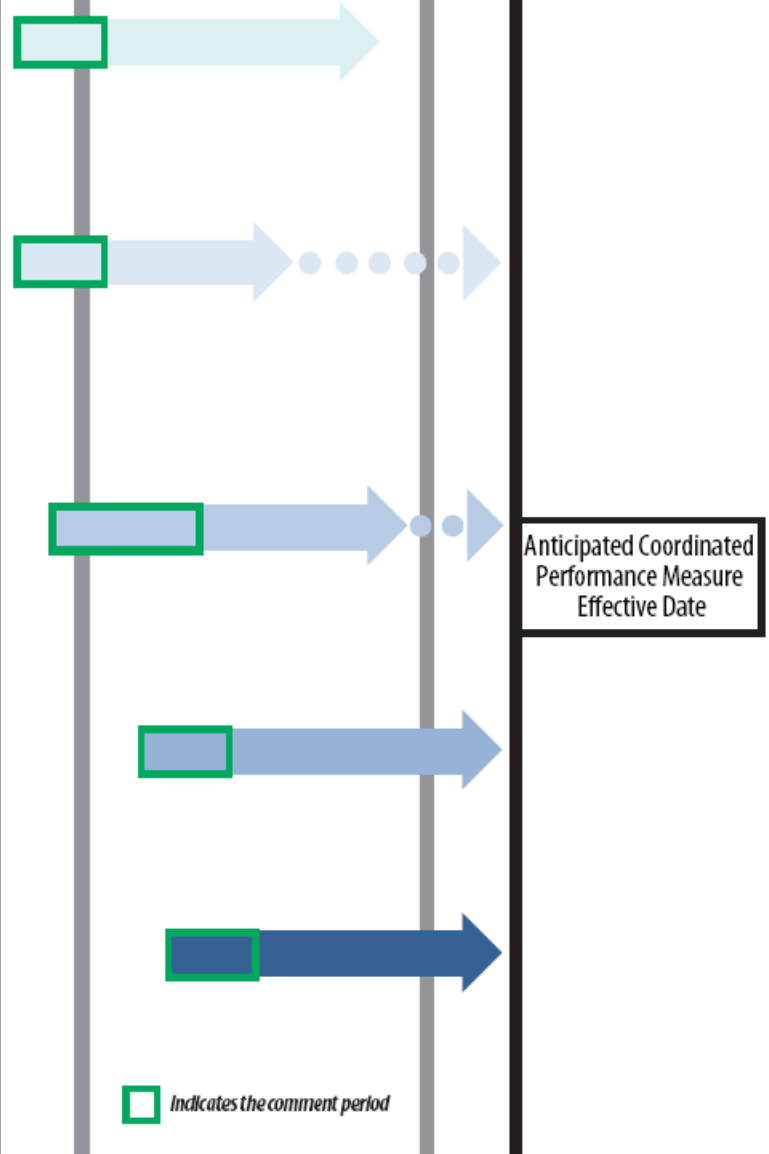
Q4

Q1

Q2

Q3

Q4



Anticipated Coordinated
Performance Measure
Effective Date

Indicates the comment period

MAP-21 Provision: Regular Evaluations

- CHSP is evaluated annually
 - Review of current crash data to confirm emphasis areas
 - Emphasis area teams continually evaluate strategies



Map -21 Provision: Safety Performance Measures

MAP-21: Reduce crash fatalities

CHSP Target:

Reduce the five-year average number of crash fatalities from 236 in 2010 to 182 by 2015.

MAP-21: Reduce annual fatality rate per 100 million vehicles miles traveled

CHSP Target:

Reduce the annual fatality rate per 100 million vehicle miles traveled from 1.69 in 2010 to 1.31 by 2015.

Map -21 Provision: Safety Performance Measures

MAP-21: Reduce incapacitating injury crashes

CHSP Target:

Reduce the five-year average number of incapacitating injury crashes from 1,295 in 2010 to 1,002 by 2015

MAP-21: Reduce annual incapacitating injury rate per 100 million vehicle miles traveled

CHSP Target:

Reduce the incapacitating injury rate from .89 in 2010 to ____ by 2015

CHSP Update Process

- Evaluation
- Establish Steering Committee
- Data Collection, Analysis & Research
- Outreach, Coordination, Consultation, and Collaboration
- Confirm Emphasis Areas
- Review Strategies
- Plan Development
- Tracking & Implementation



Comprehensive Highway Safety Plan Update Questionnaire



iClickers



What type of organization/agency do you represent?

- A. Federal government
- B. State government
- C. Local- City/County government
- D. Tribal government
- E. Bike/Ped /Railroad/Transit
- F. Private Non-Profit
- G. Private Individual

Have you attended an Annual
Transportation Safety Meeting in the
past?

A. Yes

B. No

What percent of your designated work time is dedicated to safety?

A. 100%

B. 75%

C. 50%

D. 25%

E. None

What Aspect of Highway Safety do you represent?

- A. Education
- B. Law Enforcement/Judicial
- C. Emergency Medical Service/ Injury Prevention/Incident Response
- D. Engineering/Maintenance - Roadway Infrastructure
- E. Data Collection and Analysis

What safety interest are you here to represent?

- A. MPOs
- B. Transit/ Bike-Ped- Nonmotorized
- C. Railroad crossing safety
- D. Motor Carriers Safety
- E. Motor Vehicle Administrations
- F. Local/County transportation Officials
- G. Other Safety Stakeholders