Strategic Highway Safety Plan (SHSP) update &
Web SAVER demo

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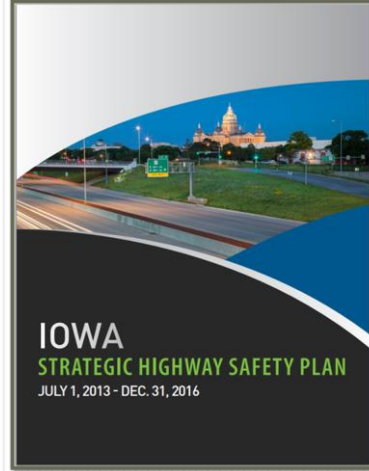samuel.sturtz@dot.iowa.gov

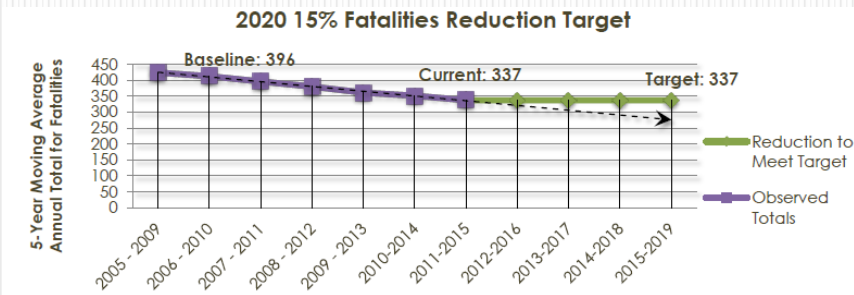## Background: What is the Strategic Highway Safety Plan (SHSP)

- Comprehensive Framework
  - 5 E's
  - Goals, Strategies
- Data Driven Process
  - Identifies emphasis areas
- Goals
  - Zero Fatalities-Towards Zero Deaths
- Why is the SHSP important?
  - Highway Safety Improvement Program (HSIP)
  - Communication between departments
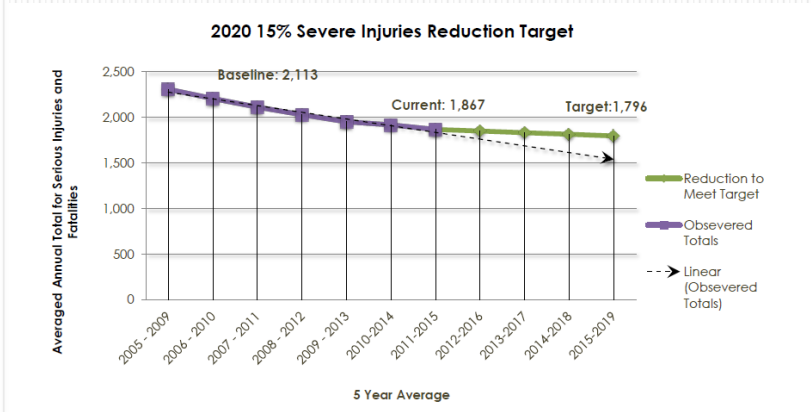   - SHSP Implementation Team

Previous Plan

- Iowa Strategic Highway Safety Plan: July 1,2013- Dec 31,2016
- Overarching Goal
  - 15% reduction in fatalities and major injuries by the year 2020
- Emphasis areas-AASHTO 1998
  - 10 emphasis areas evaluated

IOWA
STRATEGIC HIGHWAY SAFETY PLAN
JULY 1, 2013 - DEC. 31, 2016

Progress Towards Goal

2020 15% Fatalities Reduction Target

Baseline: 396
Current: 337
Target: 337

5-Year Moving Average Annual Total for Fatalities

450
400
350
300
250
200
150
100
50
0

2005 - 2009, 2006 - 2010, 2007 - 2011, 2008 - 2012, 2009 - 2013, 2010-2014, 2011-2015, 2012-2016, 2013-2017, 2014-2018, 2015-2019

Reduction to Meet Target
Observed Totals

Progress Towards Goal
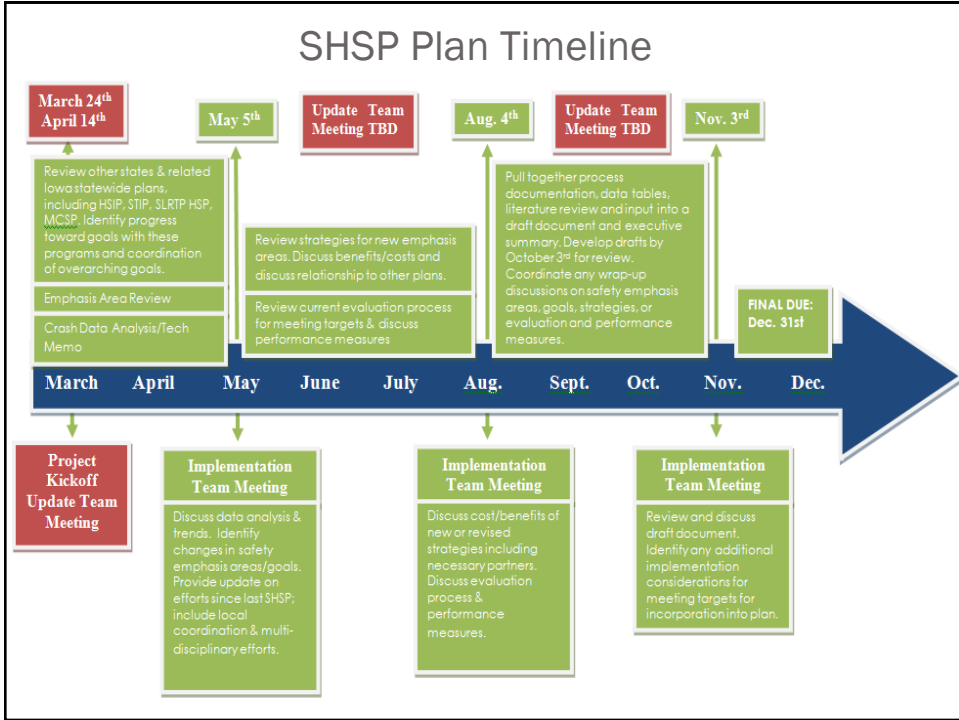

2020 15% Severe Injuries Reduction Target

What is new with this update?

- Planning Period
  - This update will cover a 2 year planning period.
  - Next update will transition to a 5 year planning period
- Goals
  - Fatality rate of 1.00 per 100 million VMT-Which Mirrors those in Highway Safety Plan (HSP)-DPS
  - Serious Injuries at 4.30 per 100 million VMT
- Emerging Trends
  - Motorcyclist
  - Older Drivers

- Plan Structure

Heading	Content
Status	Update on Goals and strategies established in previous plan
Progress	What was done over the previous planning period.
Research	Any relevant research associated with emphasis sub area.
Moving Forward	Direction of efforts over the next planning period
Where Are We Going	Similar to the overarching emphasis area goals from the previous plan.
How We Get There	Tasks similar to strategies for the emphasis areas from the previous plan.

SHSP Plan Timeline

March 24th April 14th

May 5th

Update Team Meeting TBD

Aug. 4th

Update Team Meeting TBD

Nov. 3rd

Review other states & related Iowa statewide plans, including HSIP, STIP, SLRTP HSP, MCSP. Identify progress toward goals with these programs and coordination of overarching goals.

Emphasis Area Review

Crash Data Analysis/Tech Memo

Review strategies for new emphasis areas. Discuss benefits/costs and discuss relationship to other plans.

Review current evaluation process for meeting targets & discuss performance measures

Pull together process documentation, data tables, literature review and input into a draft document and executive summary. Develop drafts by October 3rd for review. Coordinate any wrap-up discussions on safety emphasis areas, goals, strategies, or evaluation and performance measures.

FINAL DUE: Dec. 31st

March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.

Project Kickoff Update Team Meeting

Implementation Team Meeting

Discuss data analysis & trends. Identify changes in safety emphasis areas/goals. Provide update on efforts since last SHSP; include local coordination & multi-disciplinary efforts.

Implementation Team Meeting

Discuss cost/benefits of new or revised strategies including necessary partners. Discuss evaluation process & performance measures.

Implementation Team Meeting

Review and discuss draft document. Identify any additional implementation considerations for meeting targets for incorporation into plan.

Questions on SHSP?

Web SAVER

- Project Background
  - SAVER
  - CMAT
  - Data access and need
    - Web-based application-WebSAVER
- Caveats to demo
  - Phasing
    - Where are we in project development?
  - Current capabilities versus futures/intended
  - Currently being tested and used within DOT and external Stakeholders

Web SAVER

- URL: https://saver.iowadot.gov/#

- Questions, Thoughts or Ideas send to:
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