

MEETING AGENDA

- Project Overview/Purpose
- Framework Overview
- Project Schedule
- Preview of Crash Data
- Discussion
- Next Steps





PROJECT PURPOSE

Purpose

- Develop a comprehensive safety program that systematically identifies and prioritizes safety projects and establishes a proactive approach to reducing crashes on all roadways within the City

Long-Term Vision

- Create a comprehensive safety management program to achieve zero fatal and serious injury crashes by 2035





3

PROJECT GOALS

Short-Term Goals

- Apply engineering, education, enforcement, emergency response, and evaluation (a broad base of strategies)
- Establish proactive approach to reducing crashes on all roadways
- Incorporate safety performance standards into the Capital Improvement Program (CIP) prioritization process and the development review process
- Update roadway design standards to improve safety performance





PROJECT GOALS

- Short-Term Goals
 - Establish an objective project identification process that can be repeated
 - Identify City policy needs
 - Coordinate with the City Transportation System Plan (TSP) and Metropolitan Transportation Plan (MTP) updates

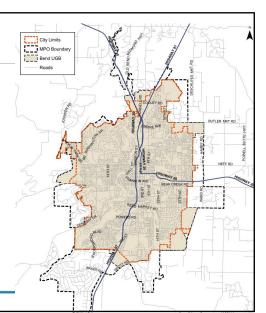


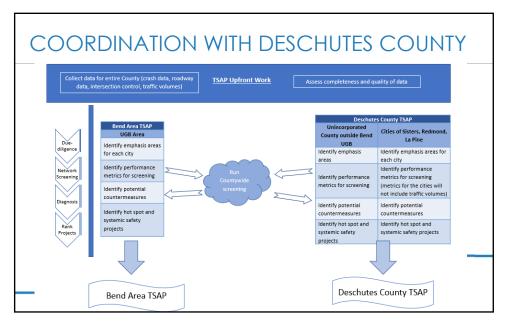


5

STUDY AREA

- City's project will focus on area within the UGB
- Coordination with the Deschutes County TSAP will occur throughout the project





OREGON TSAP



Near-Term Emphasis Areas

- Risky behaviors (impaired driving, unbelted, speeding, distracted driving)
- Infrastructure (intersection and roadway departure crashes)
- Vulnerable users (pedestrians, bicyclists, motorcyclists, and older road users)
- Improved systems (improve data, train and educate transportation and safety staff, support law enforcement and emergency responders, minimize commercial vehicle crashes)





COMPREHENSIVE APPROACH

- Policy, planning, programming, and projects are multidisciplinary and involve "the 4Es" of safety
 - Engineering
 - Emergency Medical Services (EMS)
 - Enforcement
 - Education

- Input from stakeholders will help achieve multidisciplinary plan
 - Project Management Team (PMT)
 - MPO Technical Advisory Committee (TAC)
 - Citywide Transportation Advisory Committee (CTAC)
 - Multidisciplinary Stakeholder Group





9

FRAMEWORK PLAN

- Review data available
- Evaluate potential tools/methods

2) Network Screening

- Identify reference populations · Establish datadriven emphasis
- · Compare safety data to cities of Medford, Springfield, and Corvallis
- Establish threshold for comparison
- · Identify sites for study within each emphasis area

3) Countermeasure Development & Prioritization

- Diagnose identified sites
- · Identify contributing Factors
- Identify potential Countermeasures Calculate project
- costs · Rank by relative priority and ease of implemenation
- Identify and prioritize non-infrastructure countermeasures

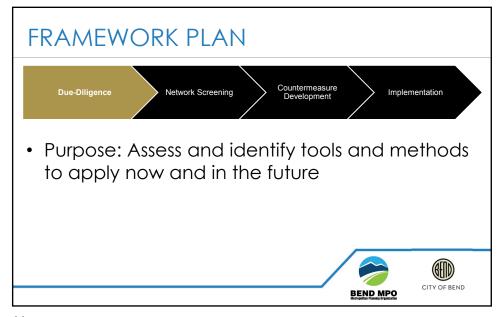
4) TSAP Implementation

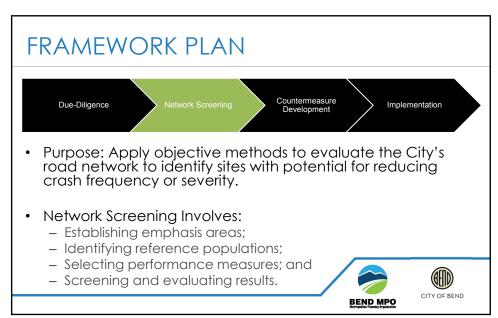
- Develop updates to the CIP priorization process to include safety criteria
- Develop performance measures
- Develop annual update program
- Incorporate recommendations in the TSP and MTP updates





BEND MPO





FRAMEWORK PLAN

Due-diligence Network Screening Countermeasure Development Implementation

- Purpose: Identify factors contributing to crashes and specific countermeasures to reduce the frequency and severity of those crashes.
- Countermeasure Development Involves:
 - Identifying contributing factors at sites
 - Identifying infrastructure countermeasures
 - Identifying non-infrastructure countermeasures
 - Prioritizing infrastructure countermeasures
 - Coordinating with other agencies





13

FRAMEWORK PLAN

Due-diligence Network Screening Countermeasure Development Implementation

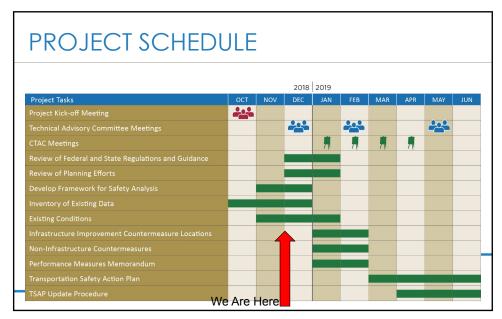
 Purpose: Implement the recommendations from the TSAP by fully integrating the infrastructure and non-infrastructure recommendations. Complete future updates to maintain a current safety program that addresses relevant issues as conditions change over time.

FRAMEWORK PLAN

Due-diligence Network Screening Countermeasure Development Implementation

- Implementation may include:
 - Capital Improvement Program (CIP) criteria, development review process, or roadway standards updates to incorporate safety performance;
 - Performance measures to track progress towards achieving the safety goals over time;
 - Programs to improve education and/or enforcement;
 - Policy development needs to support the City's long-term vision;
 - Data collection needs to reduce statistical bias in future updates of the TSAP;
 - Recommendations for updating the TSAP (methods, frequency) to maintain a current, proactive Plan

15



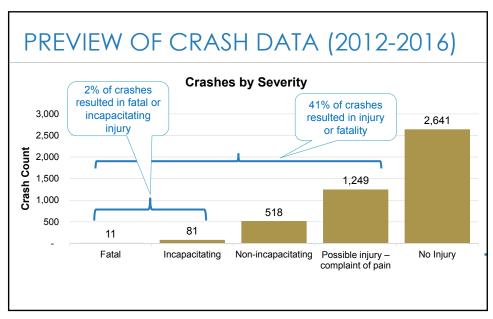
PREVIEW OF CRASH DATA (2012-2016)

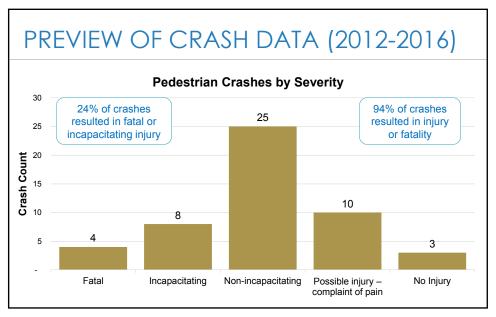
- · Crash data is currently being analyzed for the Bend UGB area
- Reported crashes from 2012 2016 are included
 - 4,500 reported crashes
 - 89% occurred within 250' of an intersection
- Full analysis and results will be presented at the next TAC meeting

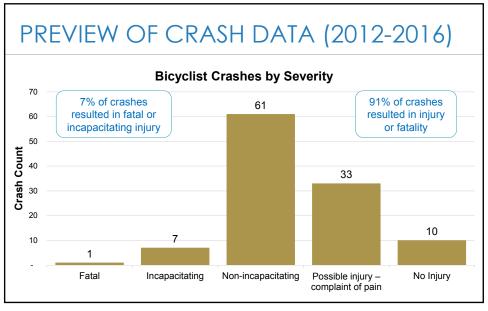
BEND MPO

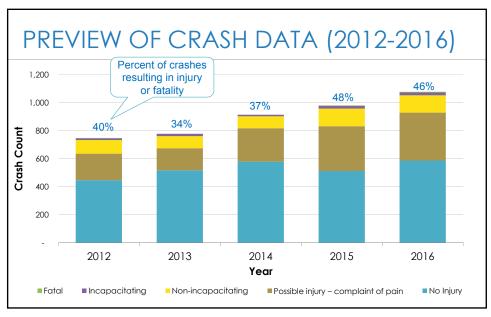
CITY OF BEND

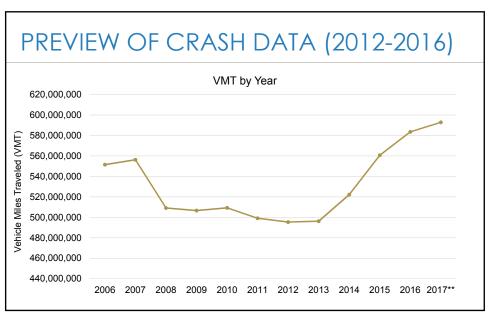
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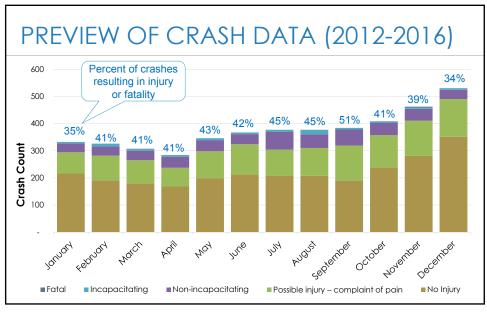


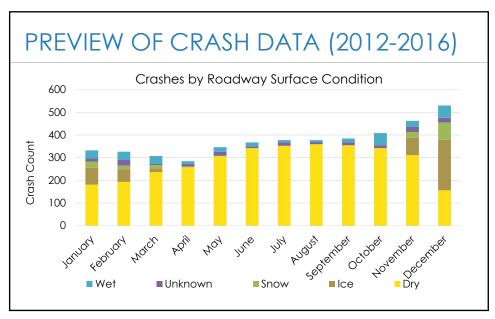


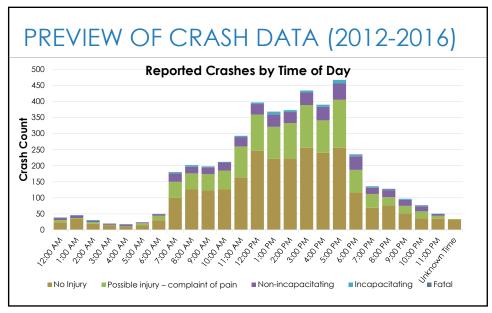


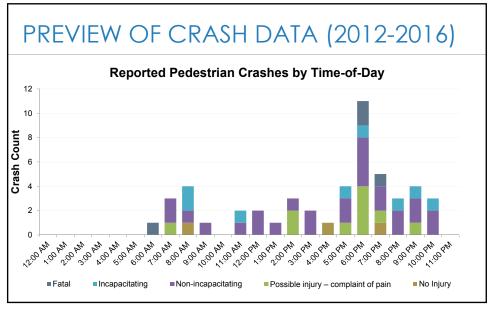


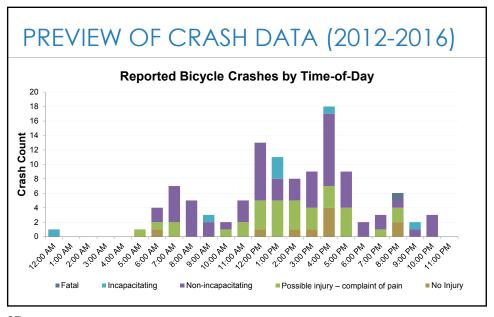


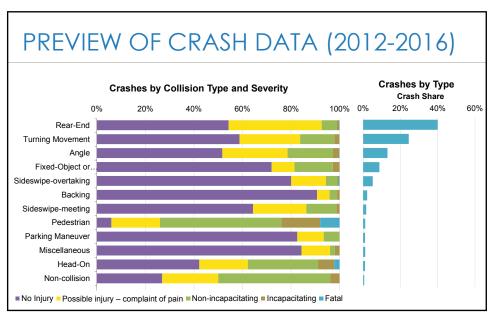


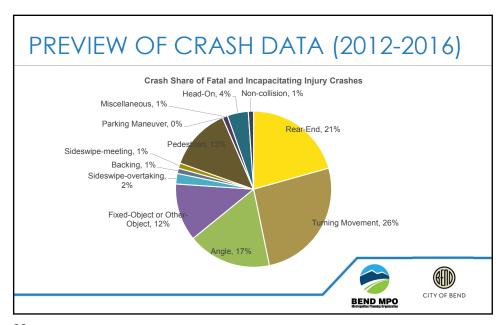












DISCUSSION & NEXT STEPS

- Provide Input on Draft Framework Memo
 - Share comments today,
 - Send comments to Tyler Deke by Friday 12/7
- Next MPO TAC Meeting:
 - Late February/Early March
- · Questions?
 - Ashleigh Ludwig (aludwig@kittelson.com)
 - Tyler Deke (tdeke@bendoregon.gov)
 - Chris Doty (Deschutes County TSAP) (<u>chris.doty@deschutes.org</u>)



