

# Welcome

Thank you for attending tonight's open house.

The purpose of this open house is to give you an opportunity to:

- Learn about the study
- Review and provide input on improvement alternatives
- Learn about next steps



# Project Description

The City of Nampa and the Idaho Transportation Department (ITD) are partnering to study the I-84 Karcher Interchange.

The study will determine options to improve safety and accommodate traffic through 2040.

Completion of the study will allow the City of Nampa and ITD to plan improvements as funding becomes available.



# Existing Conditions

## Karcher Interchange

- Today, over 84,000 cars use the interchange each day. This number is expected to grow to 110,000 cars each day in 2040.
- High number of crashes at westbound to northbound off-ramp.

## Midland & Bypass

- Today, nearly 22,000 cars drive through the intersection each day. This number is expected to grow to 34,000 cars each day in 2040.
- Only one southbound through lane causes congestion.
- One left turn lane from Karcher Bypass to Midland Blvd causes congestion.

## Midland & Marketplace

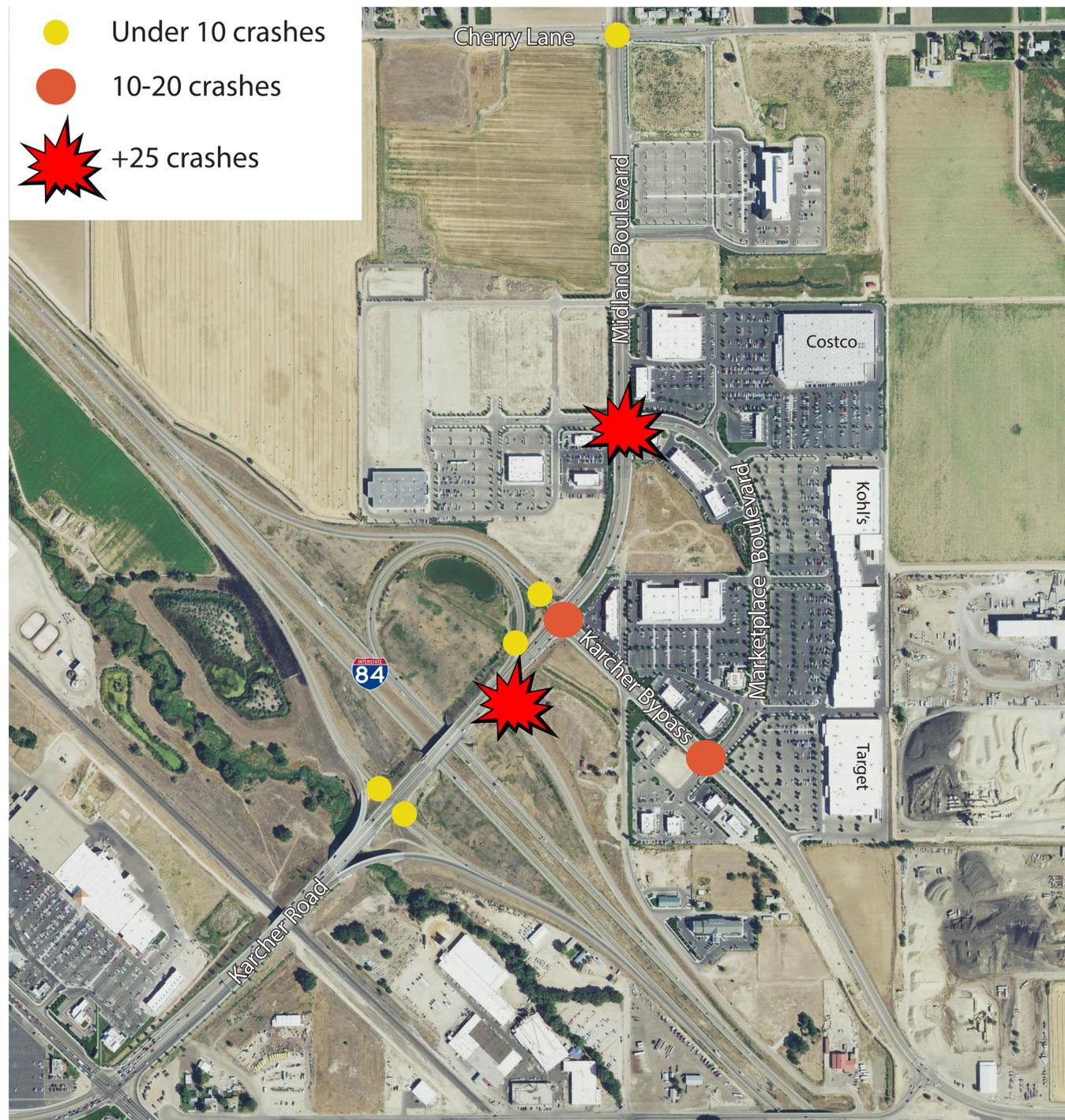
- Today, approximately 10,000 cars drive through the intersection each day. This number is expected to grow to 26,000 cars each day in 2040.
- High number of crashes.



# 2011-2014 Crash Data

## Midland & I-84 WB Off-Ramp (33B)

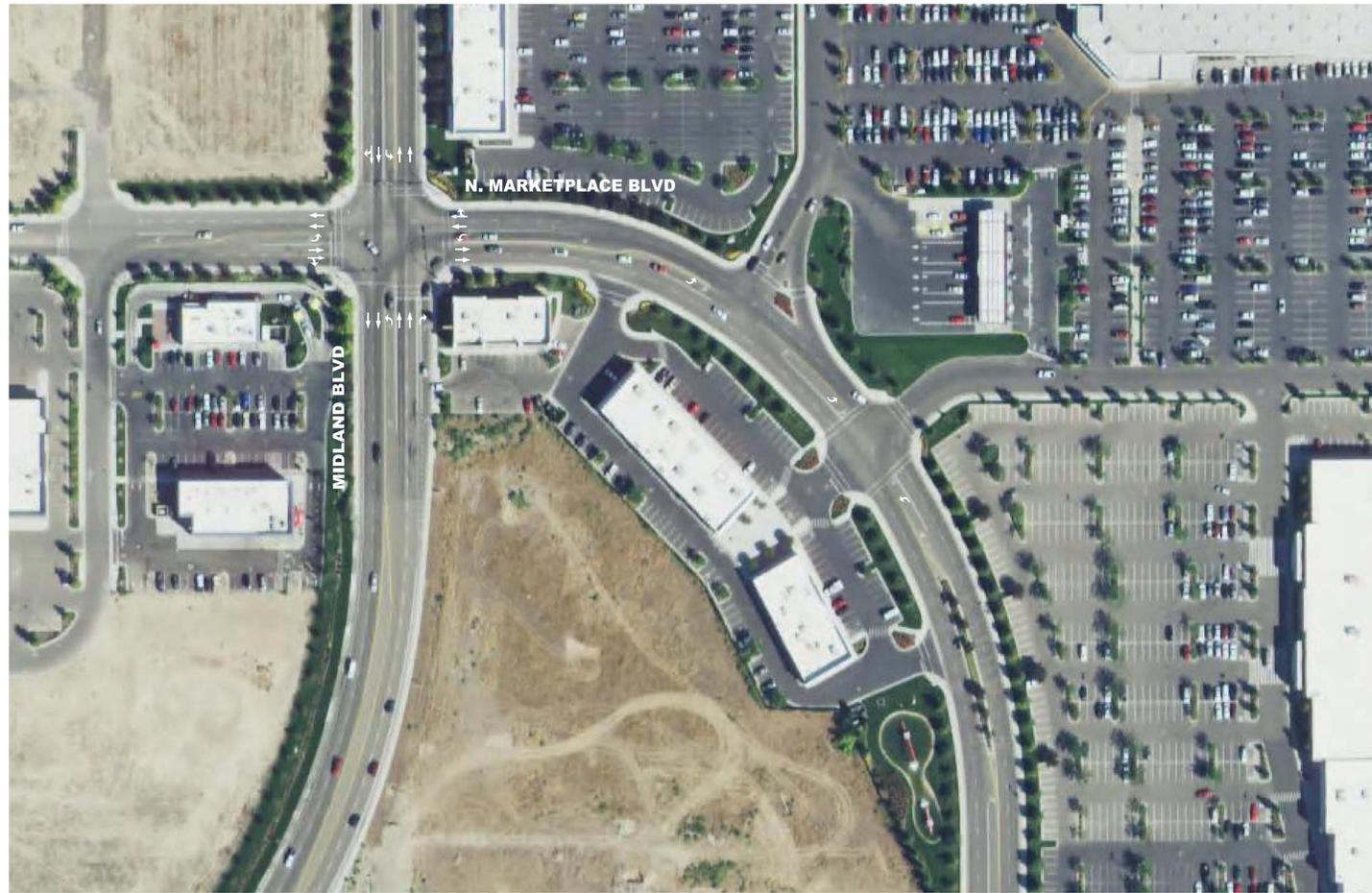
Total Crashes: 46  
Injuries: 26  
Rear-end crashes are the most common crash type



## Midland & Marketplace

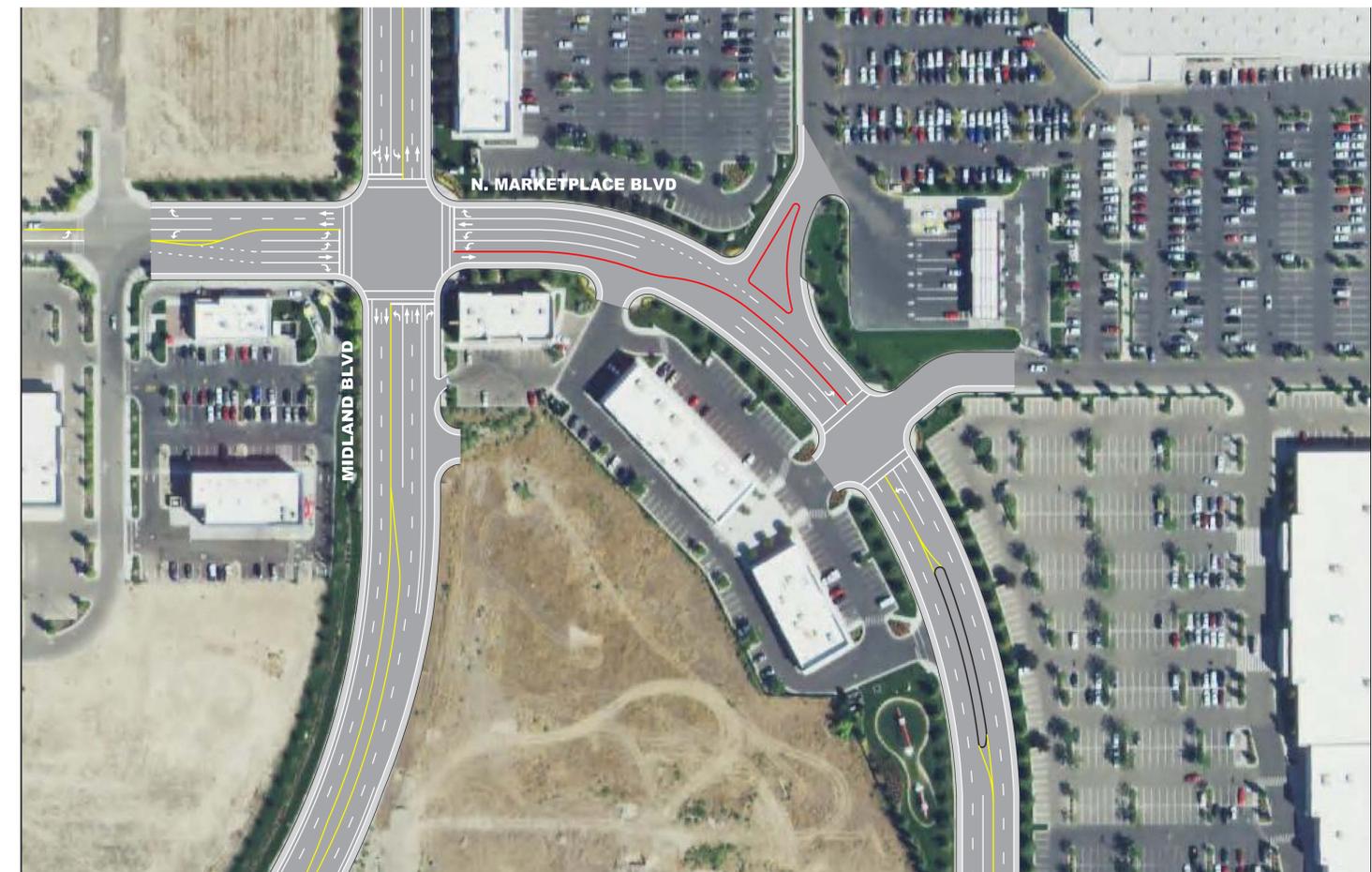
Total Crashes: 25  
Injuries: 13  
Rear-end and head-on crashes are the most common crash type

# Midland & Marketplace



## No Build

- No roadway improvements
- 2040 PM Peak Hour Intersection LOS: C (31 seconds average delay)



## Recommended Improvement

- Widens west approach to add right turn lane
- Provides dual left turns from Marketplace to Midland
- Provides dedicated right turn from Marketplace to Midland
- Adds raised median/islands (shown in red)
- 2040 PM Peak Hour Intersection LOS: C (35 seconds average delay)

# Karcher Interchange



## No Build

- No roadway improvements
- 2040 LOS F (84 seconds average delay)



## Phase 1

- All westbound traffic exits at loop ramp and comes to signalized intersection
- Adds southbound through lane on Midland
- Adds dual left turn lanes from Bypass to Midland
- Adds raised median/islands (shown in red)
- 2040 LOS D (47 seconds average delay)



## Phase 2

- Adds third southbound lane over I-84
- Adds free right turn at loop ramp
- Modifies eastbound off ramp
- 2040 LOS D (44 seconds average delay)

# Next Steps

Following tonight's open house, the project team will:

OCTOBER

Review comments and feedback and refine proposed improvements, as necessary

NOVEMBER

Prepare and review Draft Interchange Modification Report

DECEMBER

Present to Nampa City Council

2016 & BEYOND

Plan improvements, as funding allows