



REGIONAL TRANSPORTATION COMMISSION

Metropolitan Planning • Public Transportation & Operations • Engineering & Construction

Metropolitan Planning Organization of Washoe County, Nevada

**VISION ZERO
TASK FORCE
OF THE TRUCKEE MEADOWS**





VISION ZERO OF THE TRUCKEE MEADOWS



- What is Vision Zero?
- Who is the Vision Zero Task Force of the Truckee Meadows?
- Where did we start?
- Identifying focus areas?
- What data is valuable?
- What do pedestrians want?
- How do we involve the community?
- What are we doing now?

VISION ZERO

???

WHAT GIVES A NEIGHBORHOOD LIFE?

- Cities have been built for the vehicle, especially in the southwest.
- BUT cars don't give a city or neighborhood LIFE. People do that.
- How do people in cars interact in single occupant vehicles?
- Has the convenience of the car taken our quality of life?



TRADITIONAL APPROACH VS VISION ZERO APPROACH



TRADITIONAL APPROACH

Traffic deaths are **INEVITABLE**
PERFECT human behavior
Prevent **COLLISIONS**
INDIVIDUAL responsibility
Saving lives is **EXPENSIVE**

VISION ZERO

Traffic deaths are **PREVENTABLE**
Integrate **HUMAN FAILING** in approach
Prevent **FATAL AND SEVERE CRASHES**
SYSTEMS approach
Saving lives is **NOT EXPENSIVE**

THREE TENANTS
OF A VISION
ZERO PLAN

- PEOPLE ARE

KNOW THE LIMIT

HIT BY A VEHICLE
TRAVELING AT:

20 MPH



9 out of 10 pedestrians survive

HIT BY A VEHICLE
TRAVELING AT:

30 MPH



5 out of 10 pedestrians survive

HIT BY A VEHICLE
TRAVELING AT:

40 MPH



Only 1 out of 10 pedestrians survives



Vision Zero.

seattle.gov/visionzero



City of Seattle



VISION ZERO



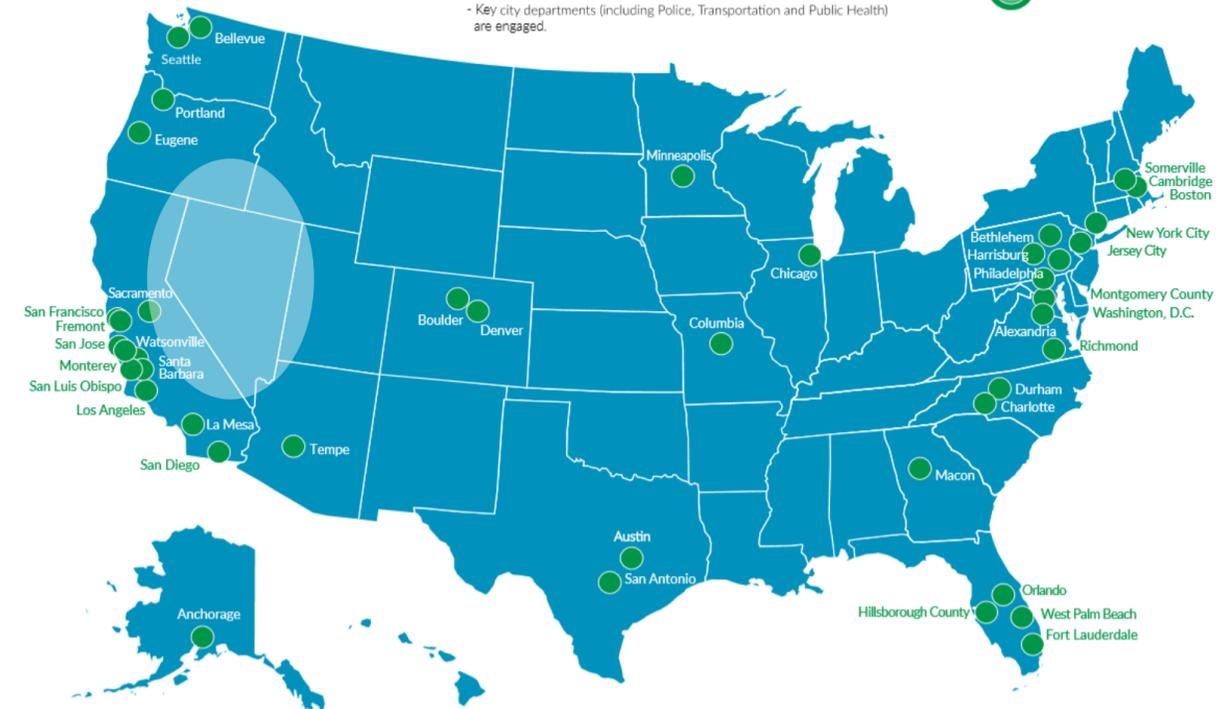
NATIONAL MOVEMENT

- VZ Cities have data showing a decrease in fatalities, injuries, and increase in livability, mobility, physical activity and economic revitalization
- Multi-national strategy to eliminate all traffic fatalities and serious injuries while increasing:
 - Safety
 - Health
 - Equitable mobility for all

Vision Zero Cities

A Vision Zero City meets the following minimum standards:

- Sets clear goal of eliminating traffic fatalities and severe injuries
- Mayor has publicly, officially committed to Vision Zero
- Vision Zero plan or strategy is in place, or Mayor has committed to doing so in clear time frame
- Key city departments (including Police, Transportation and Public Health) are engaged.



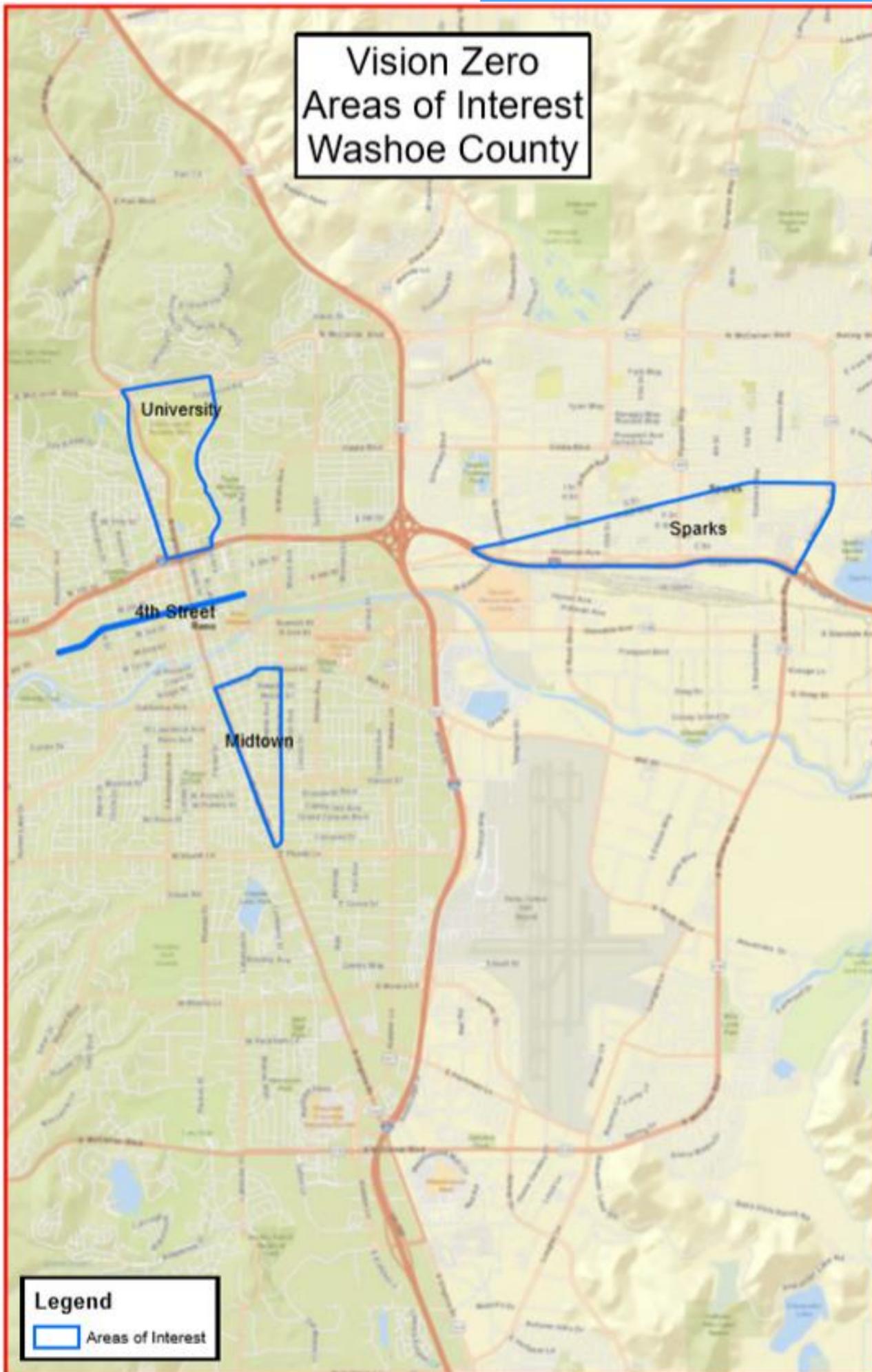


VISION ZERO OF THE TRUCKEE MEADOWS



- City of Reno
- City of Sparks
- Federal Highway Administration
- Nevada Department of Transportation
- Nevada Department of Public Safety
- Nevada Highway Patrol
- Office of Traffic Safety
- Regional Emergency Medical Services Authority
- Regional Transportation Commission of Washoe County
- University of Nevada, Las Vegas
Vulnerable Road Users Project
- University of Nevada, Reno
- Washoe County Health District, Air Quality Department
- Washoe County School District, Safe Routes to School
- Members of the public concerned about safety

Vision Zero
Areas of Interest
Washoe County



CRASH DATA 2011-2017



Data Evaluated for each Focus Area:

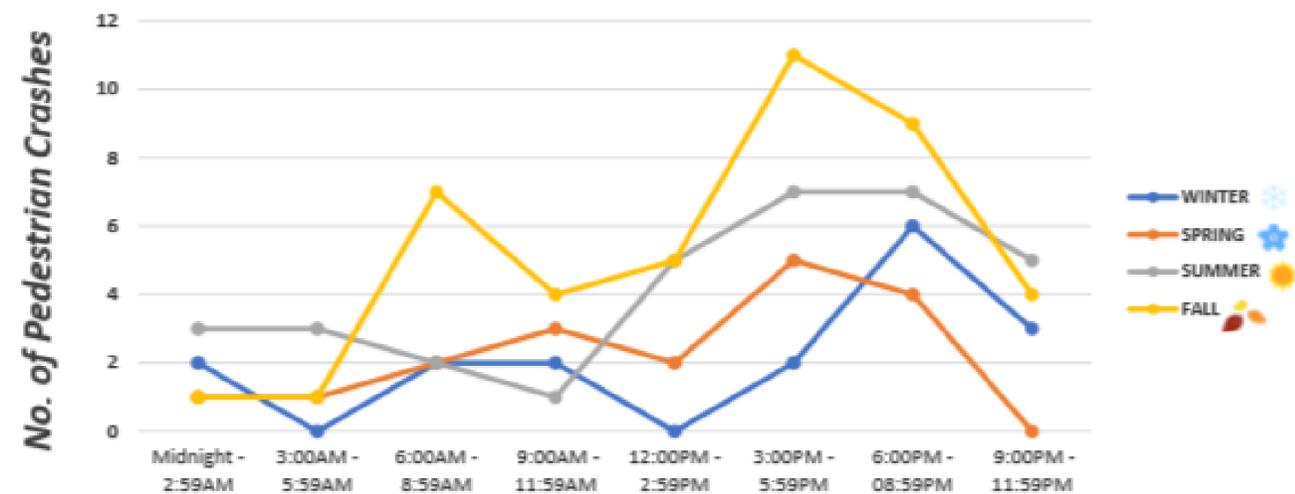
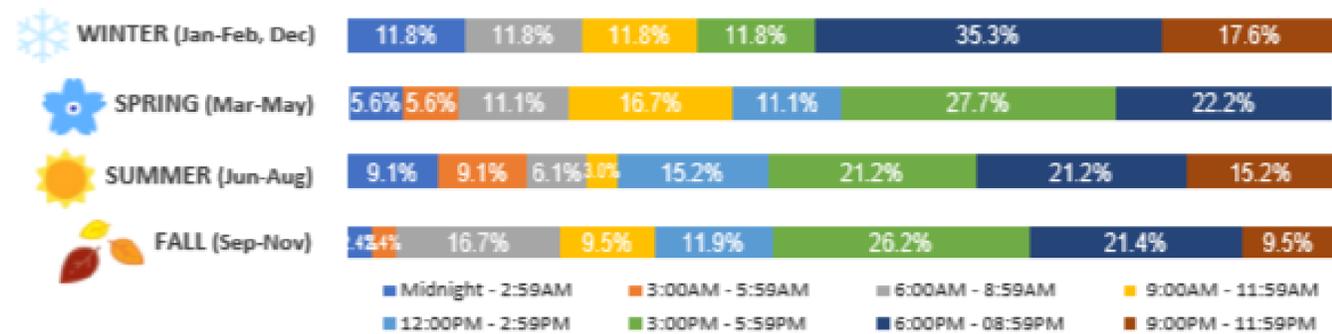
- Pedestrian Crashes Time of Day
- Season
- Pedestrian Actions
- Driver Actions
- Fatal and Serious Injury Pedestrian Crash Locations (areas of duplications)
- Lighting Conditions
- Pedestrian Crashes by Age Group
- Driver Impairment
- Pedestrian Impairment

Legend

 Areas of Interest

SPARKS

Percentage & Number of Pedestrian Crashes- Time of Day & Season



WHAT WE LEARNED DATA TELLS A STORY



- Time of Day and Season Vary by Focus Area
 - Downtown Sparks: 39% pedestrian crashes occurred in the winter between 6-9pm
 - Midtown: 33% occurred in the summer (12-3pm) and fall (3-6pm)
 - West 4th Street: 33% occurred in the winter between 6-9pm
 - University: 40% peaked in winter between 6-9pm but Fall 3-6pm and Summer noon – 3pm also spiked

PEDESTRIAN SURVEYS

Received input from 1,577 members of the public

November 26-30, 2018

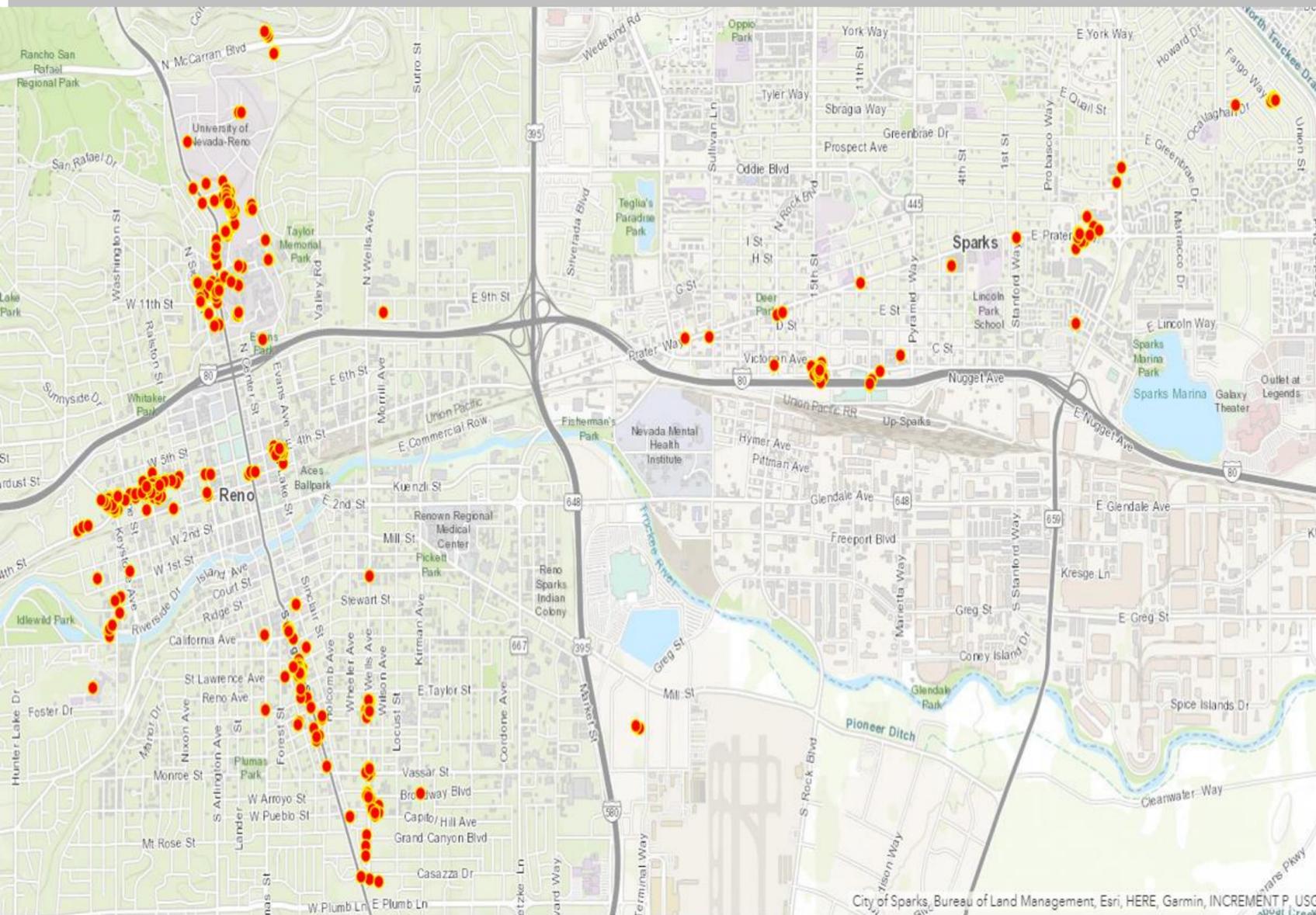
- Vision Zero Task Force talked with 576 pedestrians one- on-one

November 26, 2018 – January 4, 2019

- 1,001 online surveys Submitted
- Formwork for curb, gutter, and sidewalk
- Grading for paving east bound lane

Questions Concerning:

- Sidewalks
- Street crossings and roadways
- Drivers
- Safety
- Demographics (optional)



WHAT WE LEARNED

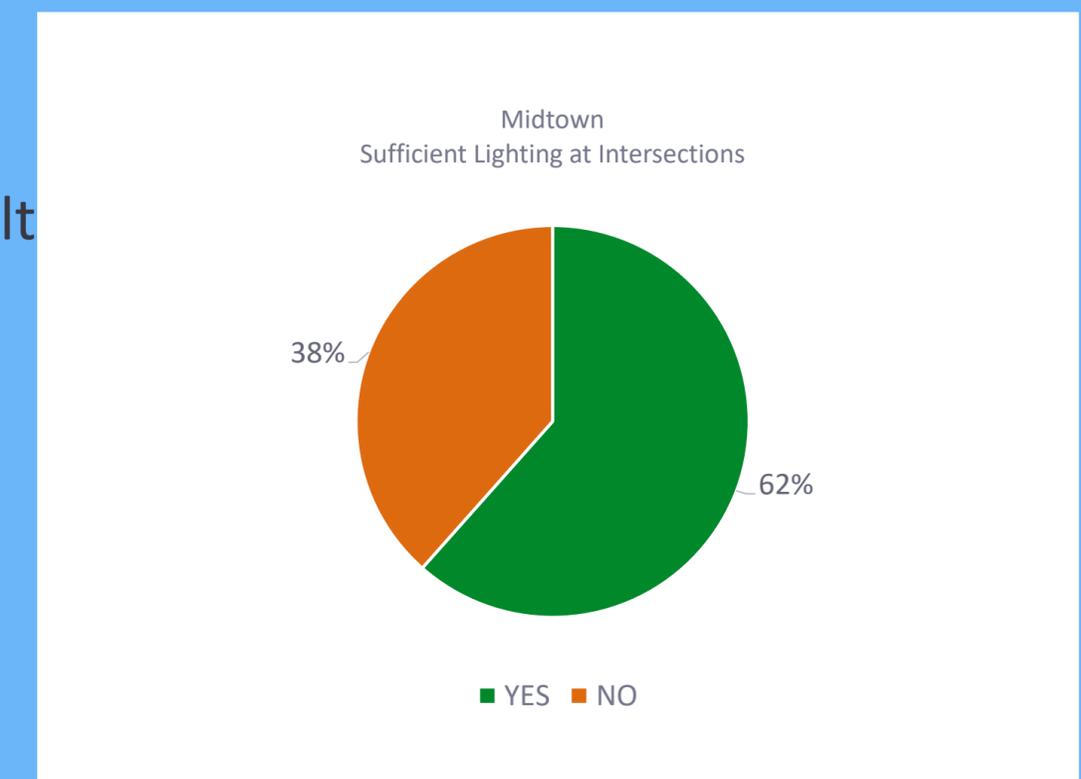
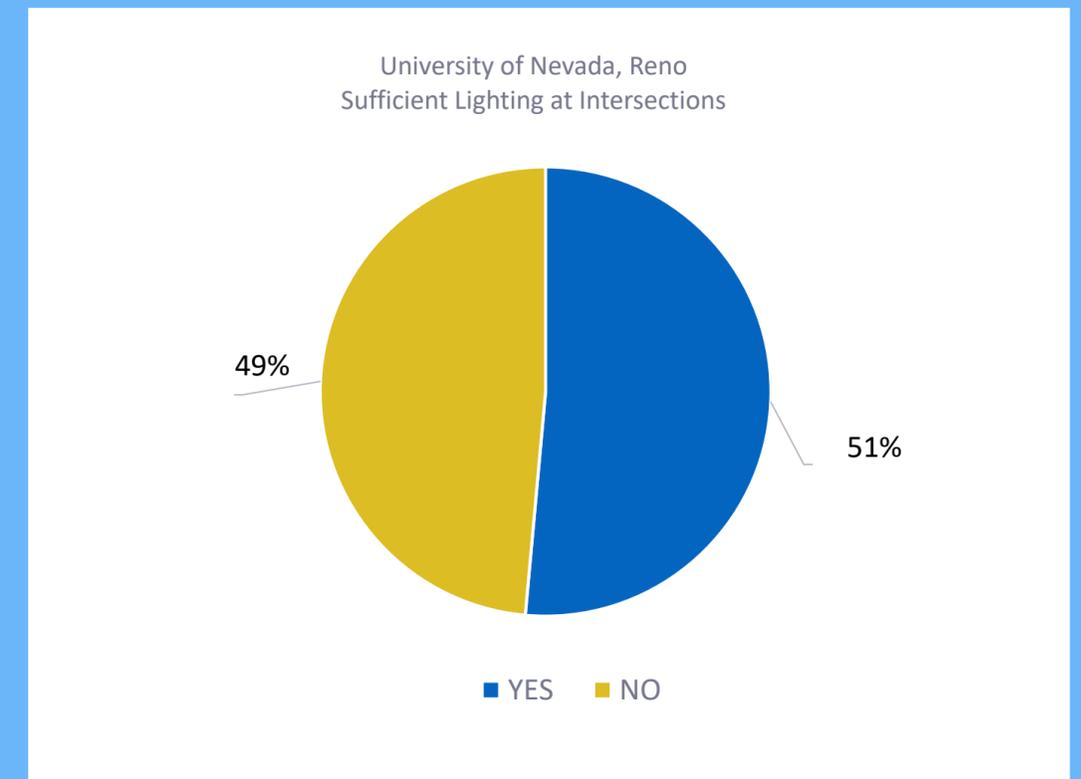


One-on-One Interviews regarding Lighting Conditions:

- 76% of the pedestrians on W. 4th Street and Midtown revealed lighting was sufficient and 24% stated lighting at intersections was not sufficient
- 66% of the pedestrians interviewed in Downtown Sparks felt lighting was sufficient and 33% felt it was not sufficient
- 51% of pedestrians interviewed face-to-face in the University region stated lighting was sufficient while 48% felt it was not.

Online Surveys regarding Lighting Conditions:

- Over 70% did NOT feel lighting was sufficient at intersections and 30% felt it was sufficient





2019 PEDESTRIAN FATALITIES



- January – March 2019 6 pedestrian fatalities occurred
- An increase of 100% compared to 2018
- Darkness or low-light settings
- Poorly illuminated areas
- Victims 55 years and older
- Victims outside of a marked Crosswalk



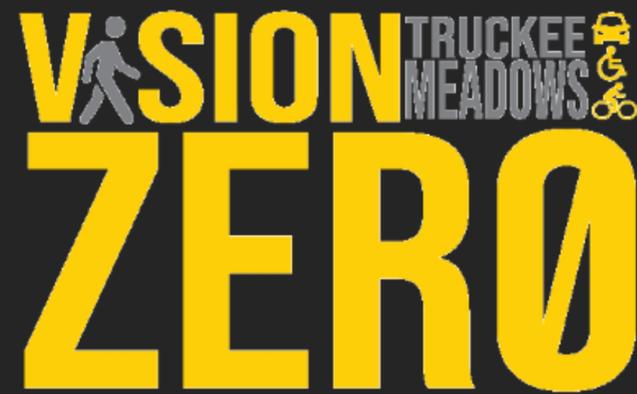
VISION ZERO TASK FORCE IS ADDRESSING 2019 TRENDS



Community Engagement

- ✓ Pedestrian Safety Tips
- ✓ 125 Reflective Backpacks
- ✓ 3,000 Reflective Wrist Bands
- ✓ Reflective Strips for Clothes and Belongings
- ✓ Reflective Tape to Clothes Closets for Coats

VISION ZERO OF THE TRUCKEE MEADOWS OUTREACH



VISION STATEMENT

Northern Nevadans working together to keep everyone safe on our roads.

MISSION STATEMENT

Northern Nevadans, with the support of elected leaders, have made a commitment to take action to bring the number of fatalities on our roadways to zero. We will make equitable, data-driven, and transparent decisions to improve safety throughout our community. By partnering together to make roads and sidewalks safe for pedestrians, we make our roads safer for everyone. We will actively implement measures proven to reduce serious injuries and fatalities. Through collaboration we will make our community a safe and healthy place, no matter where you go or how you get there.

[Read More](#)

VISION ZERO IN ACTION

VISION ZERO OF THE TRUCKEE MEADOWS OUTREACH



QUESTIONS & DISCUSSION

VISION ZERO OF THE TRUCKEE MEADOWS



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THANK YOU!
YOUR RTC. OUR COMMUNITY

