



## Vulnerable Road Users Task Force Meeting Summary



**Date/Time:** Thursday, May 11, 2023

**Chair:** Rebecca Kapuler, NDOT

**Vice Chair Motorcycles:** Justin McDonald, DPS-OTS, Nevada Rider

**Vice Chair Pedestrians:** Erin Breen, UNLV Vulnerable Road Users Project

**Facilitator:** Lindsay Saner, Kimley-Horn

### Attendees

- See attached sign-in sheet.

### Topics

- Summary from February Quarterly Meeting – see attached.
- Data Update – Monthly Statewide Fatal Report, as of April 30 (see attached).
  - Nevada crash data available at [www.nevadacrashdata.com](http://www.nevadacrashdata.com).
  - Monthly fatal reports sent by Kim Smith, PIO for Nevada State Police. Contact Lindsay ([lindsay.saner@kimley-horn.com](mailto:lindsay.saner@kimley-horn.com)) if you would like to be added to the list.
- Traffic Records Coordinating Committee (TRCC) Updates:
  - Continued discussions of challenges related to AB 116 (civil citations) and coordination with Enforcement Mobile (previously Brazos).
  - Jay Park presented on using AI technology to improve data quality, voice to crash form to improve efficiency.
  - An update on the UNLV STOP project (SB236, racial and ethnic demographics of citations) was given.
  - The next TRCC meeting is on Tuesday, June 13 at 1:30 PM.
- Nevada Department of Transportation (NDOT) Updates:
  - Laurie Sanders thanked NDOT Traffic Ops/Freeway Service Patrol for recent service on the highway in Las Vegas. She called 911, wasn't sure what to use when broken down on the highway. The group discussed \*NHP. NHP dispatches FSP and Traffic Incident Management (TIM)
    - Action: Plan for PSA for \*NHP.
  - May is National Bike Month.
  - Active Transportation Plan is coming soon from the Multimodal Planning team. The scope is currently in development.
  - FHWA special rule for vulnerable road users (VRU), requiring a VRU Assessment, to specifically address the safety of everyone who walks and rolls, with a focus on crash data and equity.

- The special rule triggers special funds from FHWA and requires 15% HSIP funds go to VRU projects.
- The Speed Management Action Plan is published on the NDOT website: [Speed Management Action Plan \(SMAP\) | Nevada Department of Transportation \(nv.gov\)](#)
- Office of Traffic Safety (OTS) Updates:
  - Currently developing the Highway Safety Plan (HSP) for 2024-2026. New requirement this year for a Triennial plan, with annual benchmarks.
  - Reach out to OTS about project ideas, as OTS is always building programs. They are available any time, not just during the grant application window.
  - Governor’s proclamation for Motorcycle Safety Month, new focus on Motorcycle Safety.
  - Legislative hearing happening 5/11 for SB 423, a bill on required tracking of trained riders. Link to SB 423 tracking: <https://www.leg.state.nv.us/App/NELIS/REL/82nd2023/Bill/10432/Overview>
  - 47% of motorcycle fatalities are unlicensed, which is the largest increase since 2020. Additionally, motorcycles are 21% of all fatalities and 2.6% of registered vehicles. UNLV Med Student – David Bandbaz ([bandbd1@unlv.nevada.edu](mailto:bandbd1@unlv.nevada.edu))
  - Testimony video from Assembly Growth & Infrastructure Committee (May 11, 2023): <https://sg001-harmony.sliq.net/00324/Harmony/en/PowerBrowser/PowerBrowserV2/20230511/-1/?fk=12447&viewmode=1>
- Nevada Advisory Committee on Traffic Safety Updates:
  - The most recent NVACTS meeting was March 2023. You can review the meeting minutes and view the recordings here: [Nevada Advisory Committee on Traffic Safety - Zero Fatalities \(zerofatalitiesnv.com\)](#)
  - The next NVACTS meeting will be June 8. If you would like to be added to the meeting announcement list for future NVACTS meetings, email [lindsay.saner@kimley-horn.com](mailto:lindsay.saner@kimley-horn.com).
- Traffic Safety Policy Priorities
  - The NVACTS Traffic Safety Policy Priority Working Group meets bi-weekly to discuss traffic safety priorities for the 2023 Legislative Session.
    - Legislative tracking is available here: [Bill List \(state.nv.us\)](#).
  - Action for Task Force Members – provide ideas for future **traffic safety policy priorities** using the attached template. Please send to Lindsay ([lindsay.saner@kimley-horn.com](mailto:lindsay.saner@kimley-horn.com)) **by Monday, May 22. They will be heard at the next NVACTS meeting on Thursday, June 8.**
  - Policy Priorities
    - Stop on Red
    - Neighborhood Safety Bill
      - Residential neighborhoods, speed limit less than 35 mph
      - Design standard for lighting on neighborhood streets
      - Safe place for kids to play
    - School Zones/School Safety Bill

- Location – length of the school property or end of the street, larger school zones (no passing, no U-turns).
  - School zones should incorporate the area that is not bussed to school.
- Timing – 30 minutes before/after bell times or should it be longer?
- Mast Arms on school buses
- Automated traffic enforcement in school zones
- Consider schools on main highways in rural areas
- Motorcycle Updates
  - The group discussed safety countermeasures for Geiger Grade, particularly during the Street Vibrations event. The group will coordinate with NDOT District 2 to install three temporary dynamic message signs (DMS) along the route to/from Virginia City.
    - Albert Jacquez to provide contacts for NDOT District 2.
    - Other recommended countermeasures included increased law enforcement, speed feedback signs, expand training for riders, motorcycle-specific signage (i.e., ranking system for curves), high friction surface treatment, transverse rumble strips, hillside stabilization, and enhanced mile post markers.
  - Plan another motorcycle safety workshop for the 2023 Nevada Traffic Safety Summit. Take a deeper look into the data. Consider critical crash locations, corridors.
    - Coordinate with CLV Vision Zero's High Injury Network.
  - OTS is developing a Motorcycle Safety Outreach Plan, which will include rider surveys, campaigns, promotional materials, etc.
  - Accident Scene Management has been conducting Bystander Training in NNV and SNV. Over 250 people trained.
  - CSN is providing an Advanced Rider Course (ARC) in July.
  - There is always a need for motorcycle training instructors.
- Pedestrian Updates
  - Safe Streets and Roads for All (SS4A) Grant applications are due July 10.
  - Define regulations for e-scooters.
  - Law enforcement no longer citing for illegal pedestrian crossings.
  - Nevada Bicycle and Pedestrian Advisory Board meeting on May 18.

## Actions

- Provide traffic safety policy priority recommendations to Lindsay ([lindsay.saner@kimley-horn.com](mailto:lindsay.saner@kimley-horn.com)) by Monday, May 22.
- Coordinate with NDOT District 2 to install temporary DMS for Street Vibrations.
- Develop motorcycle safety workshop for 2023 Nevada Traffic Safety Summit

## Next Meetings:

- Nevada Advisory Committee on Traffic Safety (NVACTS) – Thursday, June 8, 2:00-4:00 pm
- Pedestrian Action Update Meeting (Vice Chair, Action Step Leaders) – Thursday, July 13
- Motorcycles Action Update Meeting (Vice Chair, Action Step Leaders) – Thursday, July 13

- Next Vulnerable Road Users Key Area Meeting – Thursday, August 10, 1:00-2:30 pm
- 2023 Nevada Traffic Safety Summit – September 12-14, 2023

## Attachments

- 05/11/2023 VRU Meeting Attendance/Task Force Roster
- 02/09/2023 Meeting Minutes
- 2023 YTD Statewide Fatality Data
- Motorcycles Action Steps
- Pedestrians Action Steps
- Traffic Safety Policy Priority Template

## Links

Nevada Strategic Highway Safety Plan: [STRATEGIC HIGHWAY SAFETY PLAN - Zero Fatalities \(zerofatalitiesnv.com\)](https://zerofatalitiesnv.com)

Speed Management Action Plan: [Speed Management Action Plan \(SMAP\) | Nevada Department of Transportation \(nv.gov\)](https://nv.gov)

Nevada Crash Data Dashboard: [Microsoft Power BI](#)

Legislative tracking is available here: [Bill List \(state.nv.us\)](https://state.nv.us)

2023 Nevada Traffic Safety Summit: [2023 Traffic Safety Summit - Zero Fatalities \(zerofatalitiesnv.com\)](https://zerofatalitiesnv.com)

Vulnerable Road Users Meeting  
5/11/23

Attended?	LastName	FirstName	Company	Email
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Vulnerable Road Users Meeting  
5/11/23

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## Traffic Records Coordinating Committee Meeting Summary



**Date/Time:** Thursday, February 9, 2023

**Chair:** Rebecca Kapuler, NDOT

**Vice Chair Motorcycles:** Justin McDonald, DPS-OTS, Nevada Rider

**Vice Chair Pedestrians:** Erin Breen, UNLV Vulnerable Road Users Project

**Facilitator:** Lindsay Saner, Kimley-Horn

### Attendees

- See attached sign-in sheet.

### Topics

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- Data Update – Monthly Statewide Fatal Report, as of January 31 (see attached)
  - Preliminary Substance Involved Fatalities by County – 2022 Q3 report attached.
  - Nevada crash data available at [www.nevadacrashdata.com](http://www.nevadacrashdata.com).
  - Monthly fatal reports sent by Kim Smith, PIO for Nevada State Police.
- Traffic Records Coordinating Committee (TRCC) Updates:
  - Focus on implementing AB 116 (civil citations) and coordination with Enforcement Mobile (previously Brazos).
  - Jay Park presented on using AI technology to improve data quality, pulling from the officer narratives on crash reports.
  - Emily Strickle (UNLV) presented on the STOP project (SB236, rational demographics)
  - The next TRCC meeting is on Tuesday, March 7 at 1:30 PM.
- Nevada Department of Transportation (NDOT) Updates:
  - Lacey Tisler shared a thank you to former NDOT Director Kristina Swallow for her leadership in traffic safety and welcomed new NDOT Director Tracey Larkin-Thomason.
  - The Speed Management Action Plan is published on the NDOT website: [Speed Management Action Plan \(SMAP\) | Nevada Department of Transportation \(nv.gov\)](#)
  - Local Road Safety Plan (LRSP) for CAMPO is about to get started, and the next one will be for Elko County ([Local Road Safety Plan | Nevada Department of Transportation \(nv.gov\)](#)).
  - Safety Management Plans - East Flamingo Road has a road safety audit (RSA) scheduled for 2/7/23. The South Virginia Street RSA will be in March.
- Office of Traffic Safety (OTS) Updates:

- The Letter of Interest (LOI) submittal window for 2024 Grants is open. LOIs are one-page descriptions that are then reviewed by OTS. If approved, subrecipient then prepares a full application for submittal. LOIs are reviewed by mid-March.
- OTS is tracking a number of BDRs for the 2023 Legislative Session.
- Pete Vander Aa is participating in a research program on motorcycle licensing and training with the Behavioral Traffic Safety Cooperative Research Program. It is a three year process, resulting in a final report with recommendations.
- Nevada Advisory Committee on Traffic Safety Updates:
  - The Traffic Safety Policy Priority Task Force meets bi-weekly to discuss traffic safety priorities for the 2023 Legislative Session. They group is developing fact sheets for each policy priority, with a focus on AB93 Automated Traffic Enforcement in School Zones.
- Motorcycles Updates
  - OTS is developing an Motorcycle Safety Outreach Plan, which will include rider surveys, campaigns, promotional materials, etc.
  - MSF Training for coaches is scheduled for April. Currently have seven coaches for Carson City and five for Las Vegas. Considering a class in May (Advanced Rider Course).
  - Accident Scene Management has been conducting Bystander Training in NNV and SNV. Last class in Reno in February. Over 200 people trained. Jared Richards from Full Throttle Law shared they have also trained 70+ in post-crash care.
- Pedestrian Updates
  - Strategy #1 – Shara Thiesen presented the findings from the assessment of high pedestrian crash locations at intersections and mid-block crossings.
    - Intersection crashes include a radius of 250' from the intersection.
    - Mid-blocks were processed in reverse of the intersection analysis to determine mid-block crashes and to generate a heat map.
    - Team will be meeting soon to discuss countermeasures to apply to the high crash locations.
  - Safe Streets and Roads for All (SS4A) Grants were announced the first week of February. RTC Southern Nevada and City of Las Vegas were award grants to develop Safety Action Plans.
  - John Penuelas from RTC Southern Nevada presented the results of the “Roadway and Active Transportation Facility Inventory Project”. The project team used LiDAR to collect numerous attributes of the pedestrian walkways, crosswalks, bike lanes, clear zones less than 3 feet, ADA slopes and curb ramps for the Las Vegas Valley. The data took about one year to collect.
    - The inventory will be used to support crash analysis, and the plan is to overlay the maps.
    - It can also be used as an asset management database; but need to determine how often the data gets updated.
    - The data can be viewed at [www.rtcroadview.com](http://www.rtcroadview.com).
  - High Visibility Enforcement
    - High visibility crosswalk/pedestrian safety enforcement. Enforcement waves are ongoing in Southern Nevada, in addition to Joining Forces events.

- Las Vegas City Council officially adopted the City's Vision Zero Action Plan. City received \$1.6M SS4A grant funds for a supplemental action plan. City of Las Vegas Vision Zero Action Plan is live on their website [Vision Zero \(lasvegasnevada.gov\)](https://www.lasvegasnevada.gov/visionzero).
- Save a Life Win a Macbook is back – K-12 CCSD participating through the end of April (see attached flier).
- NDOT Transportation Alternatives Program (TAP) – the TAP Call for Projects is open from 2/14/23 to 4/14/23. Visit the website here: [Transportation Alternatives Program | Nevada Department of Transportation \(nv.gov\)](https://www.nv.gov/transportation-alternatives-program)
- RTC Washoe Transportation Alternatives (TA) Set-Aside Program is open now through May 19, 2023. For more information, visit: [Transportation Alternatives \(TA\) Set-Aside Program - RTC Washoe](https://www.nv.gov/transportation-alternatives-ta-set-aside-program-rtc-washoe)

## Next Meetings:

- Nevada Advisory Committee on Traffic Safety (NVACTS) – Thursday, Mar. 9, 2:00-4:00 pm
- Pedestrian Action Update Meeting (Vice Chair, Action Step Leaders) – Thursday, April 13
- Motorcycles Action Update Meeting (Vice Chair, Action Step Leaders) – Thursday, April 13
- Next Vulnerable Road Users Key Area Meeting – Thursday, May 11, 1:00-2:30 pm

## Attachments

- 02/02/2023 VRU Meeting Attendance/Task Force Roster
- 2023 YTD Statewide Fatality Data
- Motorcycles Action Steps
- Pedestrians Action Steps
- Save a Life, Win a Macbook Flier

## Links

RTC Road View (Inventory Map): <https://rtcroadview.com>

City of Las Vegas Vision Zero: [www.lasvegasnevada.gov/visionzero](https://www.lasvegasnevada.gov/visionzero)

Truckee Meadows Vision Zero: [Vision Zero – VISION ZERO TRUCKEE MEADOWS](https://www.tmdot.com/vision-zero).

Speed Management Action Plan: [Speed Management Action Plan \(SMAP\) | Nevada Department of Transportation \(nv.gov\)](https://www.nv.gov/transportation-speed-management-action-plan)

Local Road Safety Plan: <https://www.dot.nv.gov/safety/traffic-safety-engineering/highways-safety-improvement-program-hsip/local-road-safety-plan>

Nevada Crash Data Dashboard: [Microsoft Power BI](https://www.nv.gov/crash-data)

NDOT TAP: [Transportation Alternatives Program | Nevada Department of Transportation \(nv.gov\)](https://www.nv.gov/transportation-alternatives-program)

RTC Washoe TA: [Transportation Alternatives \(TA\) Set-Aside Program - RTC Washoe](https://www.nv.gov/transportation-alternatives-ta-set-aside-program-rtc-washoe)

DATE OF REPORT: 5/2/2023  
 DATA AS OF: 5/2/2023

TO: PUBLIC SAFETY, DIRECTOR NDOT, HIGHWAY SAFETY COORDINATOR, NDOT TRAFFIC ENGINEERING, FHWA, LAW ENFORCEMENT AGENCIES  
 FROM: THE OFFICE OF TRAFFIC SAFETY, STATE FATAL DATA  
 PREPARED BY: ADAM ANDERSON, FARS ANALYST  
 SUBJECT: FATALITIES BY COUNTY, PERSON TYPE, DAY, MONTH, YEAR AND PERCENT CHANGE.

Month	2022 Crashes	2023 Crashes	% Change	Month	2022 Fataals	2023 Fataals	% Change
JAN	17	25	47.06%	JAN	28	26	-7.14%
FEB	22	15	-31.82%	FEB	23	17	-26.09%
MAR	32	26	-18.75%	MAR	34	26	-23.53%
APR	28	35	25.00%	APR	29	38	31.03%
MAY			0.00%	MAY			0.00%
JUN			0.00%	JUN			0.00%
JUL			0.00%	JUL			0.00%
AUG			0.00%	AUG			0.00%
SEP			0.00%	SEP			0.00%
OCT			0.00%	OCT			0.00%
NOV			0.00%	NOV			0.00%
DEC			0.00%	DEC			0.00%
Reporting Period Total	99	101	2.02%	Reporting Period Total	114	107	-6.14%
Total				Total			

KNOWN FATAL COMPARISON BETWEEN 2022 AND 2023.

COUNTY	2022 Crashes	2023 Crashes	% Change	2022 Fatalities	2023 Fatalities	% Change	2022 Occupants	2023 Occupants	% Change	2022 Unrestrained	2023 Unrestrained	% Change
CARSON	1	4	300.00%	1	5	400.00%	1	3	200.00%	1	0	-100.00%
CHURCHILL	2	2	0.00%	2	2	0.00%	1	2	100.00%	1	0	-100.00%
CLARK	76	67	-11.84%	90	69	-23.33%	40	34	-15.00%	16	13	-18.75%
DOUGLAS	1	1	0.00%	1	1	0.00%	1	1	0.00%	0	0	0.00%
ELKO	3	1	-66.67%	4	1	-75.00%	3	1	-66.67%	2	1	-50.00%
ESMERALDA	0	2	200.00%	0	2	200.00%	0	2	200.00%	0	0	0.00%
EUREKA	0	0	0.00%	0	0	0.00%	0	0	0.00%	0	0	0.00%
HUMBOLDT	1	2	100.00%	1	3	200.00%	1	3	200.00%	0	2	200.00%
LANDER	0	0	0.00%	0	0	0.00%	0	0	0.00%	0	0	0.00%
LINCOLN	1	2	100.00%	1	2	100.00%	1	2	100.00%	1	1	0.00%
LYON	1	2	100.00%	1	2	100.00%	0	1	100.00%	0	1	100.00%
MINERAL	0	0	0.00%	0	0	0.00%	0	0	0.00%	0	0	0.00%
NYE	2	4	100.00%	2	6	200.00%	1	5	400.00%	1	1	0.00%
PERSHING	1	0	-100.00%	1	0	-100.00%	1	0	-100.00%	0	0	0.00%
STOREY	0	0	0.00%	0	0	0.00%	0	0	0.00%	0	0	0.00%
WASHOE	10	13	30.00%	10	13	30.00%	6	3	-50.00%	1	1	0.00%
WHITE PINE	0	1	100.00%	0	1	100.00%	0	1	100.00%	0	0	0.00%
Reporting Period Total	99	101	2.02%	114	107	-6.14%	56	58	3.57%	23	20	-13.04%
Total												

KNOWN COMPARISON OF FATALITIES BY PERSON TYPE BETWEEN 2022 AND 2023.

COUNTY	2022 Pedestrian	2023 Pedestrian	% Change	2022 Motorcyclist	2023 Motorcyclist	% Change	2022 Bicyclist	2023 Bicyclist	% Change	2022 Other Scooter, Moped, ATV	2023 Other Scooter, Moped, ATV	% Change
CARSON	0	2	200.00%	0	0	0.00%	0	0	0.00%	0	0	0.00%
CHURCHILL	1	0	-100.00%	0	0	0.00%	0	0	0.00%	0	0	0.00%
CLARK	25	24	-4.00%	19	10	-47.37%	4	1	-75.00%	2	0	-100.00%
DOUGLAS	0	0	0.00%	0	0	0.00%	0	0	0.00%	0	0	0.00%
ELKO	0	0	0.00%	1	0	-100.00%	0	0	0.00%	0	0	0.00%
ESMERALDA	0	0	0.00%	0	0	0.00%	0	0	0.00%	0	0	0.00%
EUREKA	0	0	0.00%	0	0	0.00%	0	0	0.00%	0	0	0.00%
HUMBOLDT	0	0	0.00%	0	0	0.00%	0	0	0.00%	0	0	0.00%
LANDER	0	0	0.00%	0	0	0.00%	0	0	0.00%	0	0	0.00%
LINCOLN	0	0	0.00%	0	0	0.00%	0	0	0.00%	0	0	0.00%
LYON	0	1	100.00%	1	0	-100.00%	0	0	0.00%	0	0	0.00%
MINERAL	0	0	0.00%	0	0	0.00%	0	0	0.00%	0	0	0.00%
NYE	0	0	0.00%	1	1	0.00%	0	0	0.00%	0	0	0.00%
PERSHING	0	0	0.00%	0	0	0.00%	0	0	0.00%	0	0	0.00%
STOREY	0	0	0.00%	0	0	0.00%	0	0	0.00%	0	0	0.00%
WASHOE	2	6	200.00%	2	2	0.00%	0	2	200.00%	0	0	0.00%
WHITE PINE	0	0	0.00%	0	0	0.00%	0	0	0.00%	0	0	0.00%
Reporting Period Total	28	33	17.86%	24	13	-45.83%	4	3	-25.00%	2	0	-100.00%
Total												

THIS REPORT IS A POINT IN TIME COMPARISON

THIS DATA DOES NOT INCLUDE DATA FIELDS MARKED BY THE OFFICER AS UNKNOWN.

2022 DATA IS PRELIMINARY AND DOES NOT NECESSARILY INCLUDE FINAL REPORTS (FORM 5, CORONER, AND/OR TOXICOLOGY).

2023 DATA IS NOT FINAL UNTIL THE END OF DECEMBER 2024.

NOTE: The monthly report will be distributed by the 7th of each month.

- Key:
- Fatalities= Total number of reported fatalities (vehicle occupants, pedestrian, motorcyclist, bicyclist, and other).
  - Vehicle Occupants = Driver and occupant fatalities in a motor vehicle.
  - Vehicle Unrestrained = Driver and occupant fatalities in a motor vehicle unrestrained.
  - Pedestrian = Any person on foot, on a personal conveyance, or in a building.
  - Motorcyclist= A person riding any motor vehicle that has a seat or saddle for the use of its operator and is designed to travel on not more than three wheels in contact with the ground.
  - Bicyclist= A person on an other road vehicle that can be propelled by pedaling (bicycle, tricycle, unicycle, pedalcar, electric bike).
  - Other = A person on a scooter, moped, ATV, or other motorized vehicle not captured above on a roadway.



Pedestrians

# Pedestrians Action Plan

**Vice Chair:** Erin Breen, UNLV Vulnerable Road Users Project

## Strategy #1

*Screen the roadway network for high-risk intersections and apply effective and/or innovative countermeasures for pedestrians.*

Action Step #	Action Step Leader	Description	Output Measure
1.1	Shara Thiesen, NDOT Traffic Safety	Screen the network to identify the top high-crash pedestrian locations at signalized intersections.	Top high-crash pedestrian locations at signalized intersections.
1.2	Shara Thiesen, NDOT Traffic Safety	Screen the network to identify the top high-crash pedestrian locations at unsignalized intersections.	Top high-crash pedestrian locations at unsignalized intersections.
1.3	Shara Thiesen, NDOT Traffic Safety	Screen the network to identify the top-high crash pedestrian locations at unsignalized midblock locations.	Top high-crash pedestrian locations at unsignalized midblock locations.
1.4	Erin Breen, UNLV	Identify countermeasures to apply to the top high-crash pedestrian signalized intersections.	Identify projects to improve pedestrian safety at top high-crash signalized intersections.
1.5	Erin Breen, UNLV	Identify countermeasures to apply to the top high-crash pedestrian unsignalized intersections.	Identify projects to improve pedestrian safety at top high-crash unsignalized intersections.
1.6	Erin Breen, UNLV	Identify countermeasures to apply to the top high-crash pedestrian mid-block crossing locations.	Identify projects to improve pedestrian safety at top high-crash mid-block crossing locations.
1.7	Erin Breen, UNLV	Conduct pedestrian safety analysis throughout the state to determine potential systemic countermeasures to apply to improve pedestrian safety.	Systemic safety analysis and identification of proven safety countermeasures.





**Strategy #2**

*Screen the roadway network for high-risk segments and apply effective and/or innovative countermeasures for pedestrians.*

Action Step #	Action Step Leader	Description	Output Measure
2.1	Dr. Hao, UNR; Jordan Kaczmarek, NDOT Traffic Safety	Use results of the UNR pedestrian lighting study to determine if there is a correlation between lighting levels and pedestrian crashes.	Develop recommendations to modify lighting standards and evaluate modifications to speed limits to address headlight sight distance versus stopping sight distance.
2.2	Jordan Kaczmarek, NDOT Traffic Safety	Develop Unsignalized Crosswalk Guidelines for local agencies.	Guidelines document for Local Agencies.
2.3	Gena Kendall, RTCSNV; Maurilio Olivares, NDOT Traffic Safety	Support and document roadway lane reconfigurations to support pedestrian safety throughout the state.	Education on roadway lane reconfigurations that benefit pedestrian safety. Reach out to agencies and ask them to self-report lane reconfiguration projects.

**Strategy #3**

*Conduct outreach and education initiatives for target audiences that focus on eliminating high-risk pedestrian behaviors.*

Action Step #	Action Step Leader	Description	Output Measure
3.1	Andrew Bennett, Clark County; Albert Jacquez, NDOT	Conduct pedestrian awareness campaigns incorporating media outreach and education material on Nevada Revised Statutes (NRS) to provide to violators (drivers and pedestrians).	Number of events, campaigns, outreach materials.
3.2	Carrie Krupp, OTS	Conduct HVE events focused on pedestrian safety.	Number of events, number of citations (driver and pedestrian). Obtain citation data locations from pedestrian citation class.
3.3	Lt. Mike Browett, RPD	Implement pedestrian safety zones.	Number of pedestrian safety zones implemented.
3.4	Erin Breen, UNLV; Rebecca Kapuler, NDOT	Expand the pedestrian citation class.	Number of classes and participants. Implement pedestrian citation class in Washoe County. Pilot program with middle schools requiring them to take citation class.
3.5	Rebecca Kapuler, NDOT	Continue advancing Vision Zero in Northern Nevada.	Report output from Vision Zero in Northern Nevada.
3.6	Lia Grimaldi, City of Las Vegas	Start Vision Zero in Southern Nevada.	Development of Vision Zero in Southern Nevada.



## Motorcyclists

# Motorcyclists Action Plan

**Vice Chair:** Justin McDonald, Department of Public Safety – Office of Traffic Safety

### Strategy #1

*Conduct public education programs for high-risk motorcyclist behaviors (speeding, aggressive, reckless, and impaired riding) and for motorists to yield to motorcycles.*

Action Step #	Action Step Leader	Description	Output Measure
1.1	PK Handley; Justin McDonald, OTS	Create and run motorcycle safety campaigns for motorcyclists and other motorists to watch out for motorcyclists.	Minimum of two motorcycle safety campaigns each year - one directed at motorcyclists and another directed at motorists.
1.2	Justin McDonald, OTS	Develop a motorcycle safety topic/article to include in the SHSP quarterly newsletter.	One topic/quarter.
1.3	TBD	Include motorcycle safety in presentations to corporate partners.	Traffic safety presentations to include motorcycle safety message.
1.4	Damon Schuetze; PK Handley; Matt Cambron, OTS	Increase outreach and partnering with dealerships in the Las Vegas area to educate riders and to gain dealership's support for motorcycle safety initiatives.	Develop outreach program for 2023.
1.5	TBD	Develop Nevada-specific materials to educate riders about selecting a motorcycle compatible with skill level, the need for hi-visibility riding gear, proper protective gear, danger of excessive speed, etc.	Distribute through Nevada Rider booths at outreach events and at dealerships.
1.6	Justin McDonald, OTS	Develop and conduct rider surveys.	Develop online survey for use virtually and in person at outreach events.
1.7	Rob Honea, OTS	Encourage law enforcement agencies to conduct education sessions, social media outreach and on-cycle training for the public.	Track what agencies are doing, develop plan to expand outreach and education.

### Strategy #2

*Increase the percentage of motorcyclists that are trained and licensed.*

Action Step #	Action Step Leader	Description	Output Measure
2.1	Damon Schuetze; Matt Cambron, OTS; Laurie Saunders, CSN	Expand availability of mid-level and advanced motorcycle courses in Northern and Southern Nevada.	Offer Circuit Rider Course with elite instructors.
2.2	Justin McDonald, OTS	Conduct virtual Moto 101 Training for Teens.	Convert Moto 101 training curriculum to virtual platform, promote and schedule online sessions.





**Motorcyclists**

**Strategy #3**

*Integrate the unique characteristics of motorcycles and rider vulnerability into motorcycle-friendly roadway design, traffic control, construction, and maintenance policies and practices.*

Action Step #	Action Step Leader	Description	Output Measure
3.1	Lacey Tisler, NDOT Traffic Safety; Michelle Dullanty, NDOT	Implement the use of motorcycle-specific signage and/or countermeasures where unavoidable hazardous conditions exist or where data indicates higher levels of motorcycle crashes.	Develop list of signage and countermeasures that are effective for motorcycles and develop implementation plan.
3.2	Lacey Tisler, NDOT Traffic Safety; Michelle Dullanty, NDOT	Review and evaluate recommendations in the National Cooperative Highway Research Program (NCHRP) Scan Team Report – Leading Practices for Motorcyclist Safety. Implement recommendations that are in alignment with NDOT policies and procedures.	Review Scan Team Report and develop action plan for Nevada roads.
3.3	Lacey Tisler, NDOT Traffic Safety; Michelle Dullanty, NDOT	Include DPS motorcycle safety staff on Road Safety Assessment (RSA) teams and as appropriate in the SMP process.	Invite motorcycle safety staff to participate in all RSA field reviews.

**Strategy #4**

*Increase crash survivability through education and training.*

Action Step #	Action Step Leader	Description	Output Measure
4.1	PK Handley, MTTRS; Justin McDonald, OTS	Increase and support bystander assistance training for motorcyclists.	Develop plan for bystander training seminars in Nevada.
4.2	TBD	Maintain universal helmet law for motorcycle and moped riders.	Unhelmeted crash data presentation for 2023 and 2025 Legislative Sessions.