



Safer Roads Task Force Meeting Agenda



Date/Time:	Thursday, January 13, 2022 10:00am – 11:30am
Dial-In/Online:	984-204-1608 Click here to join online Click here to join the meeting
Code:	+1 984-204-1608,,272663865#

Agenda

1. **Welcome and Introductions** **Fred**
2. **Notes from Last Quarterly Meeting** **Fred**
3. **Data Update**
 - o Monthly Fatality Data Molly
 - o TRCC Update Casey
4. **Zero Fatalities Campaign Updates** **Andrew**
5. **NDOT Update** **Fred**
6. **OTS Update** **Amy**
7. **FHWA Proven Safety Countermeasures Presentation** **Molly**
 - o Covering countermeasures relevant to safer roads
8. **Strategies and Action Items Update**
 - o Lane Departures Shawn
 - 1.3 Prioritization of Re-Rumble Strip Projects (New Action) David
 - Update on preliminary work on this action
 - o Safe Speeds Lacey
 - 2.1 Support High Visibility Enforcement (HVE) efforts for aggressive driving and speed with strong multiple-channel messaging and outreach to encourage appropriate speeds Todd
 - Update on the calendar and annual report
 - 2.2 Support legislative opportunities to curb speed and aggressive driving, such as speed safety cameras in school and work zones Lacey
 - o Intersections Lori
 - 2.3 Support and document roadway reconfigurations throughout the state Mo
 - Update on mapping of information provided by agencies
 - 3.1 Support efforts for automated enforcement with safety cameras. Lori
 - Need replacements for Lt. Scott Shaw and Bill Story
 - Set up a working group

- 3.2 Saturation enforcement for red light running Laura
- Interactive dashboard for citation data
- Need law enforcement volunteer

9. 2023 Legislative Session Priorities Mike

- Lane Departures
- Safe Speeds
 - Speed Safety Cameras (FHWA Proven Safety Countermeasure)
- Intersections

10. Open Discussion Fred

11. Upcoming Meetings Molly

- NV ACTS – Tuesday, February 1, 2022
- Safe Speeds Action Update Meeting – Friday, March 4, 2022, 8:00 AM
- Intersections Action Update Meeting – Thursday, March 3, 2022, 9:00 AM
- Lane Departures Action Update Meeting – Thursday, March 3, 2022, 10:00 AM
- Safer Roads Task Force Meeting – Thursday, May 5, 10:00 AM -11:30 AM
- Nevada Traffic Safety Summit – October 19 – 20, Reno, NV

Attachments:

- A. Notes from Last Quarterly Meeting
- B. Monthly Fatality Updates
- C. Strategies and Action Items





Safer Roads Task Force Meeting Summary



Date/Time:	Thursday, October 7, 2021 10:00am – 11:30am
Chair:	Fred Shakal, NDOT Traffic Safety Engineering
Vice Chair Safe Speed:	Lacey Tisler, NDOT Traffic Safety Engineering
Vice Chair Lane Departures:	Shawn Paterson, NDOT Design
Vice Chair Intersections:	Lori Campbell, NDOT Traffic Safety Engineering

Attendees

- See attached sign-in sheet

Topics

- Data update – The September Fatal Report is not yet available and should be out on October 8. Nevada is on track to have the worst year in the past decade. OTS is developing causation reports which will be released quarterly in 2022 and will include additional behaviors such as speed.
 - **Action:** Email Andrew Bennett (andrew.bennett@dps.state.nv.us) to be added to the Fatal Report distribution list.
- TRCC – The TRCC is discussing the use of LiDAR for data collection and how to better use citation data. They are making process on MIRE roadway dataset. Looking to roll out geolocation data for crash data, which can be used for citations. Working with the DMV to obtain more information on drivers and vehicles.
- TRCC – Crash dashboard is available for all to use: <https://app.powerbi.com/view?r=eyJrljoiZGZiY2YwMmQtZWU2ZC00OTQyLThjNzgtZTNkMmRmMGY4Yzg4IiwidCI6IjdlMjwZDMwLTBiNTktNDdINS04YTgxLWE0YTlkOWFmYmRjNCIsImMiOiN9&pageName=ReportSection>
- Zero Fatalities Campaign Update – Held eight focus groups across the state. Updates will be provided during the Nevada Traffic Safety Summit and will be shared at applicable Key Area task force meetings.
- Zero Fatalities Campaign Update – Wrapping up Annual Awareness Survey. More information on findings will be provided at the Nevada Traffic Safety Summit.
- Zero Fatalities Campaign Update – Rapid Response Summary. Able to launch rapid response quickly at any time. Launched first time on September 16th. Combination of TV, Billboards, and created a lot of attention from the media. Brings fatality numbers to people in different ways. Ran for 3-4 days in Clark County. Goal is to create attention and get people to care.
 - **Action:** Please review the Zero Fatalities Rapid Response videos available here: <https://youtu.be/oTurvHH4Pmc>
- NV OTS – Funded 48 safety projects. List available on the OTS website.
- Nevada Traffic Safety Summit, October 19-21, Palace Station, Las Vegas. Registration is open.
 - **Action:** Register to attend the Nevada Traffic Safety Summit: <https://zerofatalitiesnv.com/safety-summit/>
- Safe System Approach – Dr. Offer Grembeck, UC Berkeley, gave a presentation titled: *The Safe System Approach: Considerations for Strategic Safety*. Slides from the presentation are attached.

- Intersections Actions Updates
 - 2.3 Provide an update on support and documentation of roadway lane reconfigurations
 - RTC SNV has monthly working group meeting for updating the standard specifications (next meeting October 20). Anyone using the specifications should attend these meetings or review the meeting minutes. Many of the existing specification drawings are being moved into a regional roadway design guideline similar to what NDOT has. Need input from everyone.

Action: Please email, text, or call Gena (kendallg@rtcshnv.com) for updates on the working meetings.
 - RTC SNV is using LiDAR to collect data for all public streets, 80 feet right-of-way or greater. Will be using to develop map of focus areas for sidewalks, bike lanes, pavement conditions, signs, etc.
 - Putting together Southern Nevada Regional Walkability plan, using the LiDAR information to develop pedestrian priority zones and create more pedestrian-focused streets. Looking at improvements for both signalized and unsignalized intersections.
 - 3.1 Support efforts for automated enforcement with safety cameras
 - The Truckee Meadows Vision Zero Task Force has this on their October 18th meeting agenda. They will discuss the use of safety cameras for use of enforcement, particularly in school zones.
 - There are several areas throughout Reno where automation would be very helpful.
 - HSIP funds are not able to be used for safety cameras.
 - Rebecca Kapuler and Lt. Browett are willing to help out, pending the discussion that will take place for Truckee Meadows Vision Zero.
 - 3.2 Saturation enforcement for red light running
 - Looking for a volunteer on the enforcement side. Laura will help to provide locations where saturation enforcement could be conducted.
 - Developing an interactive dashboard for citation data. Working with OTS and Nevada AG's office to make sure have permission to share data. Looking to hire a research assistant to develop the dashboard.

Action: Email Laura (Laura.Gryder@unlv.edu) if you are interested in co-leading this action.
- Lane Departures
 - New Vice Chair – Shawn Paterson
 - 1.2 Develop a statewide climbing and passing lane program
 - David Greif provided an update on the Climbing and Passing Lanes Study. The presentation is attached.
- Safe Speeds
 - 1.1 Develop a statewide Speed Management Action Plan for Nevada
 - Lacey provided an update on the Speed Management Action Plan. Following FHWA guidance as working through the plan. Shared stats on speeding-related crashes in Nevada. A workshop was held on October 5, and had over 40 attendees.
 - 3.1 Promote peer-to-peer outreach programs to address social norms and shared driving behaviors for all roadway users to reduce speed and aggressive driving.

- Rapid Response Program Update (covered under Zero Fatalities Update)
- 2.2 Support legislative opportunities to curb speed and aggressive driving, such as automated enforcement in school and work zones.

Action: Volunteer needed to assist with Action Item 2.2. Email Lacey (ltisler@dot.nv.gov) if interested.
- NHTSA – Provided an update on funding status as well as the following items.
 - Early Estimate of Motor Vehicle Traffic Fatalities for the First Quarter of 2021: <https://crashstats.nhtsa.dot.gov/Api/Public/ViewPublication/813149>
 - Looking at additional data sources to follow how trends are moving throughout pandemic. Risky behaviors have continued through first quarter of 2021 based on the Update to Special Reports on Traffic Safety During the COVID-19 Public Health Emergency: Fourth Quarter Data available here: <https://rosap.ntl.bts.gov/view/dot/56125>
 - Update to annual fact sheet using FARS data. Shows that there was a decrease of speeding-related crashes in 2019 compared to 2018 by one percent. Fact sheet Speeding Fact Sheet 2019 includes data in an easy to share format: <https://crashstats.nhtsa.dot.gov/Api/Public/ViewPublication/813194>
 - Effectiveness of Dynamic Speed Feedback Signs Study shows an overall reduction of about 4 mph for speed feedback signs. Lots of great information available through the study: <https://rosap.ntl.bts.gov/view/dot/57510>
 - Effectiveness of Dynamic Speed feedback signs, Volume I: Literature review and meta-analysis: <https://rosap.ntl.bts.gov/view/dot/57513>
 - Effectiveness of Dynamic Speed Feedback Signs Volume II: Technical Appendices and Annotated Bibliography: <https://rosap.ntl.bts.gov/view/dot/57512>

Decisions

- Next meeting for Safer Roads is on Thursday, January 13, 2022, 10:00 AM -11:30 AM

Actions

- Email Andrew Bennett (andrew.bennett@dps.state.nv.us) to be added to the Fatal Report distribution list.
- Crash dashboard is available for all to use: <https://app.powerbi.com/view?r=eyJrIjojZGZiY2YwMmQtZWU2ZC00OTQyLThjNzgtZTNkMmRmMGY4Yzg4IiwidCI6IjdlMjIwZDMwLTBiNTktNDdINS04YTgxLWE0YTlkOWFmYmRjNCIsImMiOiN9&pageName=ReportSection>
- Please review the Zero Fatalities Rapid Response videos available here: <https://youtu.be/oTurvHH4Pmc>
- Register to attend the Nevada Traffic Safety Summit: <https://zerofatalitiesnv.com/safety-summit/>
- Please email, text, or call Gena (kendallg@rtcnsnv.com) for updates on the working group meetings.
- Email Laura (Laura.Gryder@unlv.edu) if you are interested in assisting with Intersections Action Item 3.2.
- Volunteer needed to assist with Safe Speeds Action Item 2.2. Email Lacey (ltisler@dot.nv.gov) if interested.

Attachments

- A. Sign-in sheet
- B. Monthly Fatality Updates
- C. Strategies and Action Items
- D. Presentation: *The Safe System Approach: Considerations for Strategic Safety*
- E. Presentation: *Climbing and Passing Lanes Study Update*

Next Meetings:

- Nevada Traffic Safety Summit – October 19 - 21
- NV ACTS (formerly NECTS) – Thursday, October 21, 2021
- Safe Speeds Action Update Meeting – Friday, December 3, 2021, 8:00 AM
- Intersections Action Update Meeting – Thursday, December 2, 2021, 9:00 AM
- Lane Departures Action Update Meeting – Thursday, December 2, 2021, 10:00 AM
- Safer Roads Task Force Meeting – Thursday, January 13, 10:00 AM - 11:30 AM (note this is not the first Thursday)

Distribution: All attendees and Intersection CEA Roster (October 15, 2021)

Date issued: Friday, October 15, 2021

DATE OF REPORT: 01/06/2022
 DATA AS OF: 12/31/2021

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: AMANDA BRANDENBURG FARS ANALYST
 SUBJECT: FATALITIES BY COUNTY, PERSON TYPE, DAY, MONTH, YEAR AND PERCENT CHANGE.

Month	2020 Crashes	2021 Crashes	% Change	Month	2020 Fatalis	2021 Fatalis	% Change
JAN	26	29	11.54%	JAN	26	33	26.92%
FEB	22	17	-22.73%	FEB	26	21	-19.23%
MAR	14	24	71.43%	MAR	14	27	92.86%
APR	25	30	20.00%	APR	28	32	14.29%
MAY	16	32	100.00%	MAY	16	35	118.75%
JUN	27	36	33.33%	JUN	28	36	28.57%
JUL	21	27	28.57%	JUL	23	27	17.39%
AUG	30	33	10.00%	AUG	35	37	5.71%
SEP	32	38	18.75%	SEP	34	39	14.71%
OCT	28	31	10.71%	OCT	28	31	10.71%
NOV	33	35	6.06%	NOV	34	38	11.76%
DEC	26	25	-3.85%	DEC	32	26	-18.75%
Reporting Period Total	300	357	19.00%	Reporting Period Total	324	382	17.90%
Total	300			Total	324		

KNOWN FATAL COMPARISON BETWEEN 2020 AND 2021.

COUNTY	2020 Crashes	2021 Crashes	% Change	2020 Fatalities	2021 Fatalities	% Change	2020 Occupants	2021 Occupants	% Change	2020 Unrestrained	2021 Unrestrained	% Change
CARSON	3	5	66.67%	3	6	100.00%	0	4	400.00%	0	1	100.00%
CHURCHILL	10	7	-30.00%	10	8	-20.00%	7	5	-28.57%	4	2	-50.00%
CLARK	180	224	24.44%	193	235	21.76%	81	102	25.93%	34	32	-5.88%
DOUGLAS	6	4	-33.33%	6	4	-33.33%	4	4	0.00%	2	2	0.00%
ELKO	9	12	33.33%	15	14	-6.67%	13	14	7.69%	7	6	-14.29%
ESMERALDA	1	5	400.00%	2	5	150.00%	2	4	100.00%	0	1	100.00%
EUREKA	2	3	50.00%	2	3	50.00%	2	3	50.00%	2	3	50.00%
HUMBOLDT	3	6	100.00%	3	7	133.33%	3	5	66.67%	2	3	50.00%
LANDER	1	0	-100.00%	1	0	-100.00%	1	0	-100.00%	0	0	0.00%
LINCOLN	5	5	0.00%	5	5	0.00%	5	2	-60.00%	3	2	-33.33%
LYON	8	15	87.50%	8	16	100.00%	6	14	133.33%	3	4	33.33%
MINERAL	2	4	100.00%	2	5	150.00%	1	5	400.00%	1	1	0.00%
NYE	12	17	41.67%	14	24	71.43%	12	19	58.33%	7	7	0.00%
PERSHING	6	1	-83.33%	6	1	-83.33%	6	0	-100.00%	3	0	-100.00%
STOREY	1	3	200.00%	1	3	200.00%	1	1	0.00%	1	0	-100.00%
WASHOE	50	42	-16.00%	51	42	-17.65%	22	21	-4.55%	11	7	-36.36%
WHITE PINE	1	4	300.00%	2	4	100.00%	2	3	50.00%	0	3	300.00%
Reporting Period Total	300	357	19.00%	324	382	17.90%	168	206	22.62%	80	74	-7.50%
Total	300			324			168			80		

KNOWN COMPARISON OF FATALITIES BY PERSON TYPE BETWEEN 2020 AND 2021.

COUNTY	2020 Pedestrian	2021 Pedestrian	% Change	2020 Motorcyclist	2021 Motorcyclist	% Change	2020 Bicyclist	2021 Bicyclist	% Change	2020 Other Scooter, Moped, ATV	2021 Other Scooter, Moped, ATV	% Change
CARSON	1	2	100.00%	1	0	-100.00%	1	0	-100.00%	0	0	0.00%
CHURCHILL	3	2	-33.33%	0	1	100.00%	0	0	0.00%	0	0	0.00%
CLARK	64	66	3.13%	38	57	50.00%	9	5	-44.44%	1	5	400.00%
DOUGLAS	0	0	0.00%	2	0	-100.00%	0	0	0.00%	0	0	0.00%
ELKO	1	0	-100.00%	1	0	-100.00%	0	0	0.00%	0	0	0.00%
ESMERALDA	0	1	100.00%	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	1	100.00%	0	1	100.00%	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	3	300.00%	0	0	0.00%	0	0	0.00%
LYON	0	1	100.00%	2	1	-50.00%	0	0	0.00%	0	0	0.00%
MINERAL	0	0	0.00%	1	0	-100.00%	0	0	0.00%	0	0	0.00%
NYE	1	2	100.00%	0	2	200.00%	1	1	0.00%	0	0	0.00%
PERSHING	0	0	0.00%	0	1	100.00%	0	0	0.00%	0	0	0.00%
STOREY	0	0	0.00%	0	2	200.00%	0	0	0.00%	0	0	0.00%
WASHOE	12	10	-16.67%	15	10	-33.33%	1	1	0.00%	1	0	-100.00%
WHITE PINE	0	0	0.00%	0	1	100.00%	0	0	0.00%	0	0	0.00%
Reporting Period Total	82	85	3.66%	60	79	31.67%	12	7	-41.67%	2	5	150.00%
Total	82			60			12			2		

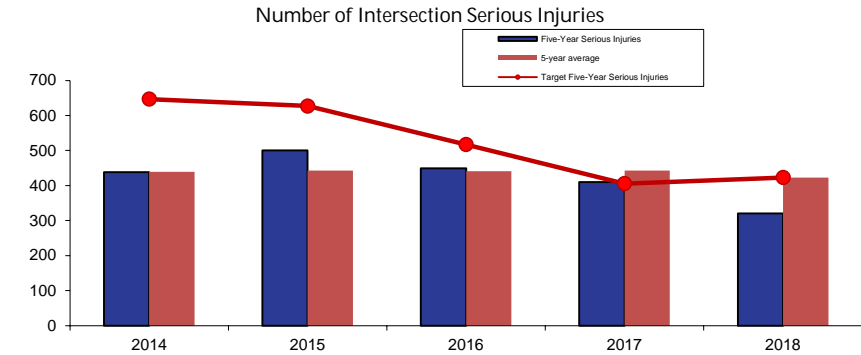
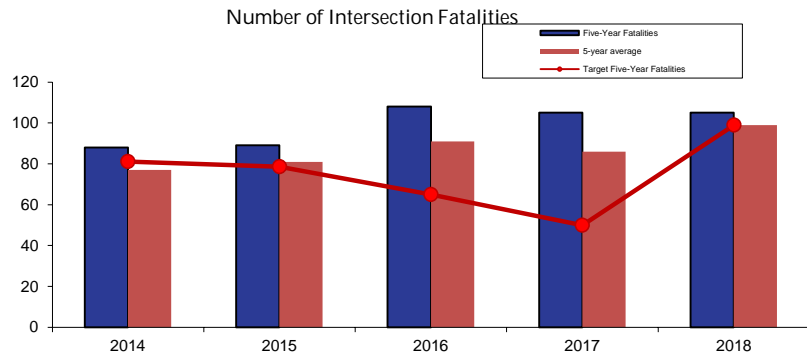
THIS REPORT IS A POINT IN TIME COMPARISON
 THIS DATA DOES NOT INCLUDE DATA FIELDS MARKED BY THE OFFICER AS UNKNOWN
 2021 DATA IS PRELIMINARY AND DOES NOT NECESSARILY INCLUDE FINAL REPORTS (FORM 5, CORONER, AND/OR TOXICOLOGY).
 2020 DATA IS NOT FINAL UNTIL THE END OF DECEMBER 2021.
 NOTE: The monthly 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.

Fatality Objective:

Serious Injury Objective:

Performance Measures: Number of fatalities, Number of serious injuries.

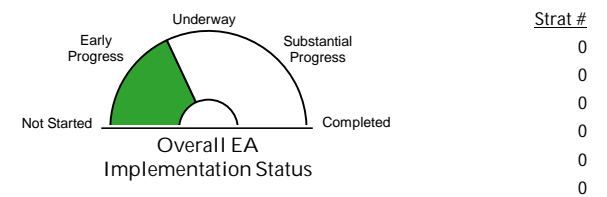


	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Five-Year Fatalities	88	79	74	56	88	89	108	105	105	
5-year average					77	81	91	86	99	102
Target Five-Year Fatalitie	92	89	86	84	81	79	65	50	99	102

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Five-Year Serious Injuries	770	699	611	445	438	500	449	410	320	
5-year average					439	443	441	443	423	
Target Five-Year Serious Inj	734	712	689	668	647	627	517	406	423	

Action Implementation Summary

	Total	Strat 1	Strat 2	Strat 3
Not Started	4	2	0	2
Early Progress	1	0	1	0
Underway	4	3	0	1
Substantial Progress	2	0	2	0
Completed	0	0	0	0
Total # of Actions	11	5	3	3



CEA Team Facilitator: Molly O'Brien, Kimley-Horn

Comments:

Preliminary Legislative Topics:

1. NDOT conduct a study on the effectiveness of photo enforcement at intersections (highlight good and bad programs) to support photo enforcement.
2. NDOT study of number of vehicles running red lights at various intersections to support photo enforcement.

Nevada SHSP Implementation Tracking Progress Summary 2021 to 2025

CRITICAL EMPHASIS AREA: Intersections

Strategy 1: Screen the roadway network for high-risk intersections and apply effective and/or innovative countermeasures.

Action Step #	Action Leader	Action Description	Implementation Progress					Recurring	Output measures & Comments
			1. Not Started	2. Early Progress	3. Underway	4. Substantial Progress	5. Completed		
1.1	Casey Smith, NDOT Traffic Safety	Screen the network to identify the top high-risk signalized intersections.						No	Top high-risk signalized intersections.
1.2	Casey Smith, NDOT Traffic Safety	Screen the network to identify the top high-risk unsignalized intersections (separated by rural and urban).						No	Top high-risk unsignalized intersections.
1.3	Joel Thornsberry, NDOT Traffic Safety	Identify countermeasures to apply to the top high-risk signalized intersections. - developed white paper on potential countermeasures for signalized intersections						No	Identify projects to improve safety at top high-risk signalized intersections.
1.4	Joel Thornsberry, NDOT Traffic Safety	Identify countermeasures to apply to the top high-risk unsignalized intersections. - developed white paper on potential countermeasures for signalized intersections						No	Identify projects to improve safety at top high-risk unsignalized intersections.
1.5	Jorden Kaczmarek, NDOT Traffic Safety	Conduct safety analysis at unsignalized and signalized intersections throughout the state to determine potential systemic countermeasures to apply at intersections. - Working on a document identifying countermeasures						No	Systemic safety analysis and identification of proven safety countermeasures.
Number of Actions At Each Stage of Implementation			0	2	3	0	0		

Last Updated: 12/20/2021

Nevada SHSP Implementation Tracking Progress Summary 2021 to 2025

CRITICAL EMPHASIS AREA: Intersections

Strategy 2: Screen the roadway network for high-risk segments and apply effective and/or innovative countermeasures to improve intersection safety

Action Step #	Action Leader	Action Description						Recurring	Output measures & Comments
			1. Not Started	2. Early Progress	3. Underway	4. Substantial Progress	5. Completed		
2.1	Dr. Hao, University of Nevada Reno (UNR); Lori Campbell, NDOT Traffic Safety	Determine locations with high nighttime crashes and make recommendations to increase lighting. - Work continues on the UNR Study						No	Provide recommendations to add lighting to high nighttime crash locations. Work with agencies to educate them on lighting standards. Education on destination lighting in rural locations.
2.2	Lori Campbel, NDOT Traffic Safety	Determine a high-crash corridor where crashes could be mitigated through corridor access management, and identify a project to install islands to limit access. Utilize results from Safety Management Plans (SMP). - Wrapping up 3 SMPs (E Carey, E Bonanza, E 4th Street)						Yes	Determine how access management is implemented at the local level. Determine a high-crash corridor and identify a project to install islands to limit access. Access management as recommended in SMPs. Number of access management measures incorporated into NDOT Encroachment Permits.
2.3	Gena Kendall, Regional Transportation Commission of Southern Nevada (RTCSNV); Lori Campbell, NDOT Traffic Safety	Support and document roadway lane reconfigurations throughout the state. - A spreadsheet was developed to send to agencies. - RTC SNV is working on monthly specification and design manual updates						Yes	White paper on benefits of roadway lane reconfiguration. Determine what local agencies' policies are. Reach out to agencies yearly to determine if roadway lane reconfigurations are being implemented.
Number of Actions At Each Stage of Implementation			0	0	1	2	0		

Last Updated: 12/20/2021

Nevada SHSP Implementation Tracking Progress Summary 2021 to 2025

CRITICAL EMPHASIS AREA: Intersections

Strategy 3: Conduct outreach and education initiatives for target audiences that focus on eliminating high-risk behaviors at intersections

Action Step #	Action Leader	Action Description	1. Not Started	2. Early Progress	3. Underway	4. Substantial Progress	5. Completed	Recurring	Output measures & Comments
3.1	Erin Breen, University of Nevada Las Vegas (UNLV); Laura Gryder, UNLV School of Medicine (UNLVSOM); Lt. Scott Shaw, Reno Police Department (RPD); Bill Story, NDOT	Support efforts for automated enforcement in the state through the use of safety cameras. - Laura is having one of her staff members conducting a literature review - Erin will listen to the previous hearings						No	Conduct a study to prove the issue. Review hearing to determine what made the bill fail and look to make changes to address those concerns. Conduct a best practice review on automated enforcement technology, address equity in automated enforcement. (Consider calling these "safety cameras").
3.2	Laura Gryder, UNLVSOM	Conduct saturation enforcement of red light running.						No	Number of red-light running citations reported statewide.
3.3	Albert Jacquez, NDOT Bike and Ped; Narcisa Zepeda, OTS Zero Teen Fatalities	Support efforts for roundabout training in driver education and on driving test.						No	Review driver education materials to see if they incorporate information on roundabouts. Coordinate with the Department of Motor Vehicles (DMV) to have roundabouts included in the driving test when they are located near a DMV.
Number of Actions At Each Stage of Implementation			2	0	1	0	0		

Last Updated: 12/20/2021

Nevada SHSP Implementation Tracking Progress Summary 2016 to 2020

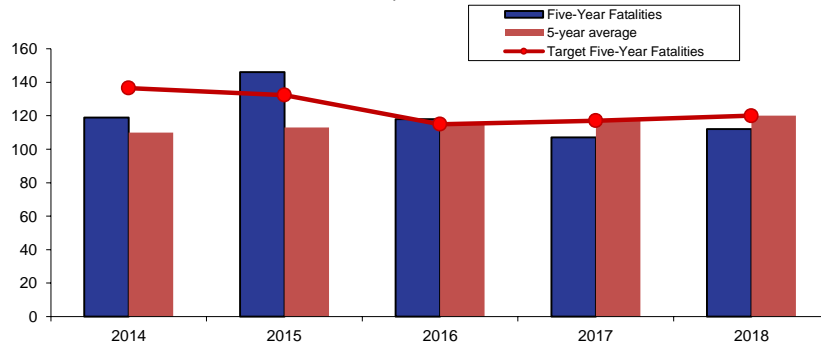
CRITICAL EMPHASIS AREA: Lane Departures
 Key Area Chair: Fred Shakal, NDOT Traffic Safety
 Task Force Vice-Chair: Shawn Paterson, NDOT

Fatality Objective:

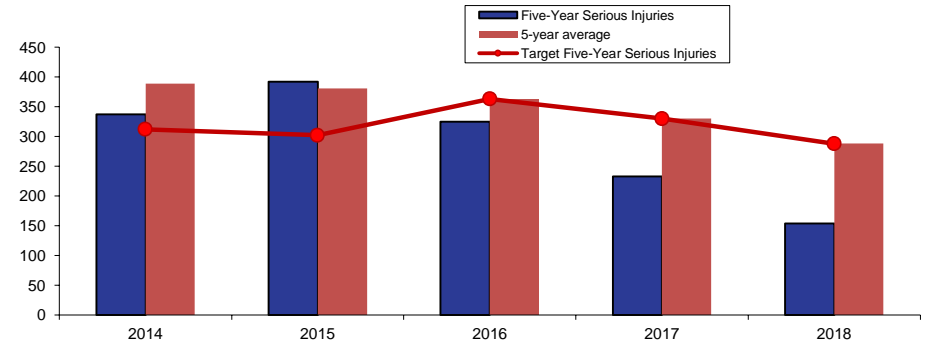
Serious Injury Objective:

Performance Measures: Number of fatalities, Number of serious injuries.

Number of Lane Departure Fatalities



Number of Lane Departure Serious Injuries

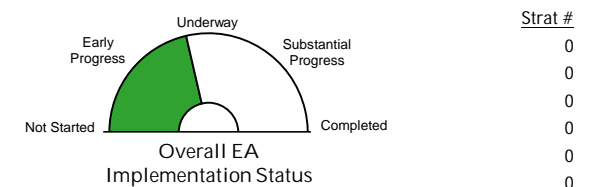


	2010	2011	2012	2013	2014	2015	2016	2017	2018
Five-Year Fatalities	128	108	100	94	119	146	118	107	112
5-year average	-	-	-	-	110	113	115	117	120
Target Five-Year Fatalities	155	150	145	141	137	132	115	117	120

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Five-Year Serious Injuries	431	417	395	364	337	392	325	233	154	-	-
5-year average	-	-	-	-	389	381	363	330	288	-	-
Target Five-Year Serious Injuries	354	343	332	322	312	302	363	330	288	-	-

Action Implementation Summary

	Total	Strat 1	Strat 2
Not Started	0	0	0
Early Progress	2	1	1
Underway	5	2	3
Substantial Progress	0	0	0
Completed	0	0	0
Total # of Actions	7	3	4



Task Force Facilitator: Molly O'Brien, Kimley-Horn

Comments:

Nevada SHSP Implementation Tracking Progress Summary 2021 to 2025

CRITICAL EMPHASIS AREA: Lane Departures

Strategy 1: Apply proven engineering countermeasures and roadway improvements to keep vehicles in their lanes

Action Step #	Action Leader	Action Description	1. Not Started	2. Early Progress	3. Underway	4. Substantial Progress	5. Completed	Recurring	Output Measures and Commr
1.1	Doug Fromm, NDOT Traffic Safety	Prioritize high-risk horizontal curves and apply countermeasures. - Prioritization is finished - Need to work through Roadway to get projects completed. - Materials Division has reservations on HFST						No	Apply countermeasures such as high-friction surface treatment (HFST) and enhanced signage.
1.2	Doug Fromm, NDOT Traffic Safety	Develop a statewide climbing and passing lane program. - Consultant is on board to conduct study						No	Prepare Climbing and Passing Lane Study and prioritize locations (multi-jurisdictional).
1.3	David Greif, NDOT Traffic Safety	Prioritization list of re-rumble strip projects.						No	Prepare Climbing and Passing Lane Study and prioritize locations (multi-jurisdictional).
Number of Actions At Each Stage of Implementation			0	1	2	0	0		

Last Updated: 12/6/2021

Nevada SHSP Implementation Tracking Progress Summary 2021 to 2025

CRITICAL EMPHASIS AREA: Lane Departures

Strategy 2: Increase survivability in the event of a lane departure through engineering and emergency response

Action Step #	Action Leader	Action Description						Recurring	Output Measures and Comm
			1. Not Started	2. Early Progress	3. Underway	4. Substantial Progress	5. Completed		
2.1	Doug Fromm, NDOT Traffic Safety	Implement projects designed to increase survivability of run-off-the-road crashes (slope flattening, shoulder widening, and roadside object removal projects). - Working on prioritization of re-rumble strip projects. Working with materials to mill and fill just the areas for centerline and edgeline rumble strips.						Yes	Number of projects that address slope flattening, shoulder widening and object removal.
2.2	LaShonn Ford, NDOT Traffic Operations	Apply traffic incident management (TIM) strategies to minimize disruption after incidents to improve emergency response times to crashes, improve first responders safety while on scene, reduce secondary crashes through training. - upcoming trainings in Reno, Safety Summit						Yes	Increase number of responders trained.
2.3	Nova Simpson, NDOT Wildlife Division	Decrease animal vehicle collisions: prioritize problem areas with crash data (statewide assessment). - Pooled fund study is underway for electrified concrete						No	Report on integration of wildlife mitigation into NDOT projects and continued research on problem areas.
2.4	Jon Boether, NDOT Traffic Safety	Identify and support technology that will increase the survivability and decrease the probability of lane departure crashes.						No	Document successes and crash reduction associated with technologies. Increase implementation of current technologies and identify one new technology.
Number of Actions At Each Stage of Implementation			0	1	3	0	0		

Last Updated: 12/6/2021

Nevada SHSP Implementation Tracking Progress Summary 2016 to 2020

CRITICAL EMPHASIS AREA: Safe Speed

Key Area Chair: Fred Shakal, NDOT Traffic Safety

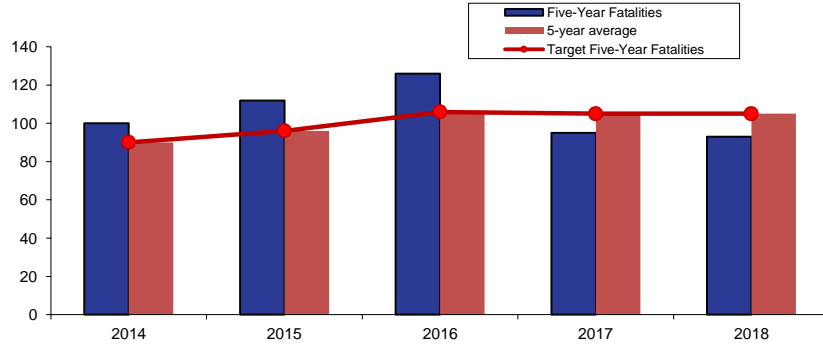
Task Force Vice-Chair: Lacey Tisler, NDOT Traffic Safety

Fatality Objective:

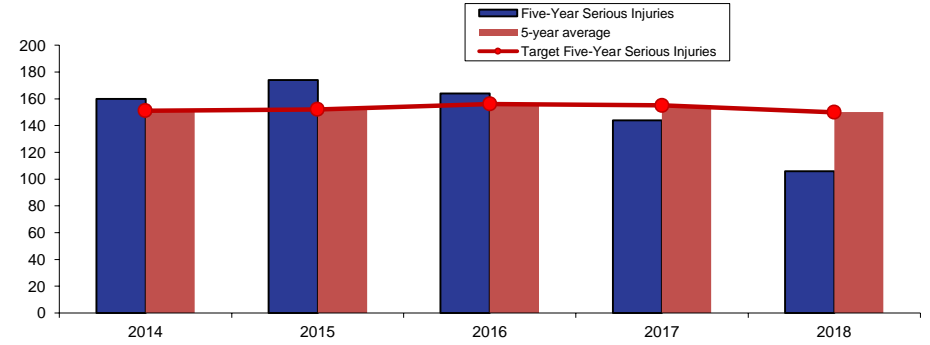
Serious Injury Objective:

Performance Measures: Number of fatalities, Number of serious injuries.

Number of Speed-Related Fatalities



Number of Speed Related Serious Injuries

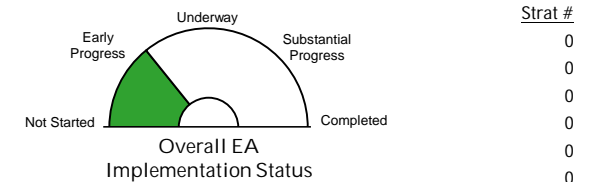


	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Five-Year Fatalities					100	112	126	95	93		
5-year average					90	96	106	105	105		
Target Five-Year Fatalities					90	96	106	105	105		

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Five-Year Serious Injuries					160	174	164	144	106		
5-year average					151	152	156	155	150		
Target Five-Year Serious Injuries					151	152	156	155	150		

Action Implementation Summary

	Total	Strat 1	Strat 2	Strat 3
Not Started	3	1	2	0
Early Progress	1	1	0	0
Underway	2	1	0	1
Substantial Progress	1	0	0	1
Completed	0	0	0	0
Total # of Actions	7	3	2	2



Task Force Facilitator: Lindsay Saner, Kimley-Horn

Comments:

Nevada SHSP Implementation Tracking Progress Summary 2021 to 2025

CRITICAL EMPHASIS AREA: Safe Speed

Strategy 1: Advance the use of infrastructure techniques and technology to manage target speeds and set speed limits

Action Step #	Action Leader	Action Description	1. Not Started	2. Early Progress	3. Underway	4. Substantial Progress	5. Completed	Recurring	Output Measures and Commr
1.1	Lacey Tisler, NDOT Traffic Safety	Develop a statewide Speed Management Action Plan for Nevada.						No	NDOT Speed Management Action Plan completed by 2022.
1.2	Lacey Tisler, NDOT Traffic Safety	Implement context-sensitive speed setting approach for state-owned roadways.						No	Establish target speeds for state-owned facilities by 2022.
1.3	Casey Smith, NDOT Traffic Safety	Install dynamic speed feedback signs within transition zones, preferably with geometric improvements, to reduce speeds where speeds/crashes are an issue.						No	Select three locations to provide guidance from NDOT Speed Management Action Plan.
Number of Actions At Each Stage of Implementation			1	1	1	0	0		

Last Updated: 12/20/2021

Nevada SHSP Implementation Tracking Progress Summary 2021 to 2025

CRITICAL EMPHASIS AREA: Safe Speed

Strategy 2: Utilize high-visibility speeding enforcement targeted at high-risk locations to reduce crash severity

Action Step #	Action Leader	Action Description						Output Measures and Commr	
			1. Not Started	2. Early Progress	3. Underway	4. Substantial Progress	5. Completed		
2.1	Todd Harline, DPS	Support High Visibility Enforcement (HVE) efforts for aggressive driving and speed with strong multiple-channel messaging and outreach to encourage appropriate speeds.						Yes	Report on the statistics from each HVE event.
2.2	Nick Nordyke, OTS	Support legislative opportunities to curb speed and aggressive driving, such as automated enforcement in school and work zones.						Yes	Automated enforcement legislation in the 2023 session.
Number of Actions At Each Stage of Implementation			2	0	0	0	0		

Last Updated: 12/20/2021