

Nevada Traffic Incident Management (TIM) Program 2022 Nevada Transportation Conference

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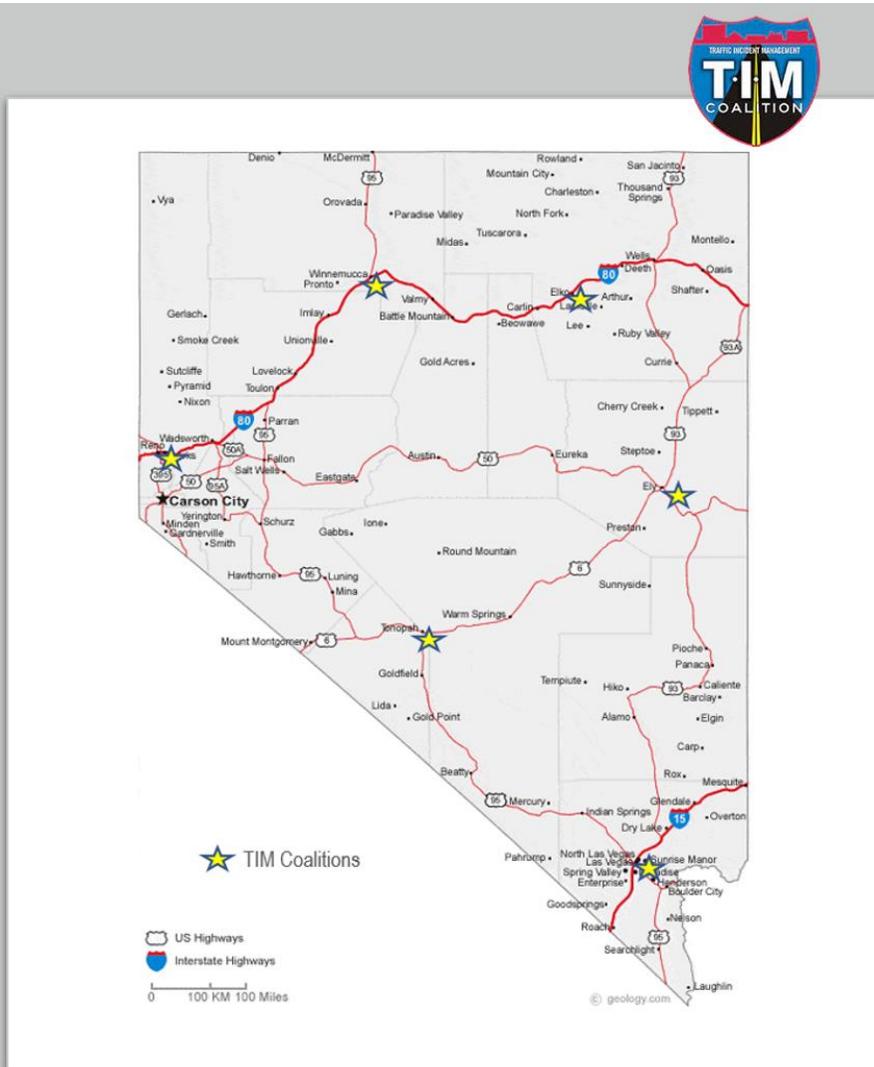




- 1 Nevada TIM Overview
- 2 Crash Debrief
- 3 Training Update
- 4 Future Initiatives

1 Nevada TIM Overview

Section 1: Nevada TIM Overview



- Nevada TIM Program established in 2007
- Nevada has 6 TIM Coalitions throughout the State:
 - Las Vegas
 - Reno
 - Elko
 - Winnemucca
 - Ely
 - Tonopah



Section 1: Nevada TIM Overview

TIM GOALS

The **Traffic Incident Management (TIM) Program** removes incidents from Nevada's highways and restores normal travel operations as safely and quickly as possible.

NDOT, NSP, and multiple local agencies partner to:

ENHANCE

Safe and quick clearance of traffic incidents.

SUPPORT

Prompt reliable and interoperable communications.

SUPPORT

Economic vitality by reducing delays.

IMPROVE

Responder safety.

REDUCE

Secondary crashes.



Section 1: Nevada TIM Overview

- Open Roads Policy
 - Collaborative multi-agency agreement for quick, safe clearance
 - Establishes performance measures of 30, 60, and 120-minutes roadway clearance time for PDO, injury, and fatality crashes respectively
 - Signed by the Governor, Director of NDOT, and Director of DPS. Updated and resigned in 2021



Section 1: Nevada TIM Overview

■ Legislative Achievements

- **Quick Clearance / Hold Harmless (484B.443)** – Gives removal authority to agencies for removal of crashed vehicles and their cargo. Owner of the vehicle and cargo is responsible for the cost of removal
- **Move Over Law (484B.607)** – Traffic must move over or slow down for any vehicle displaying flashing red, red and white, red and blue, or amber lights
- **Steady Burn-Blue Lights** – Allows tow vehicles and Freeway Service Patrol in addition to NDOT vehicles, to run Steady Burn-Blue Lights



Section 1: Nevada TIM Overview

TIM Visor Cards



Nevada TIM Responder Safety Reference Card

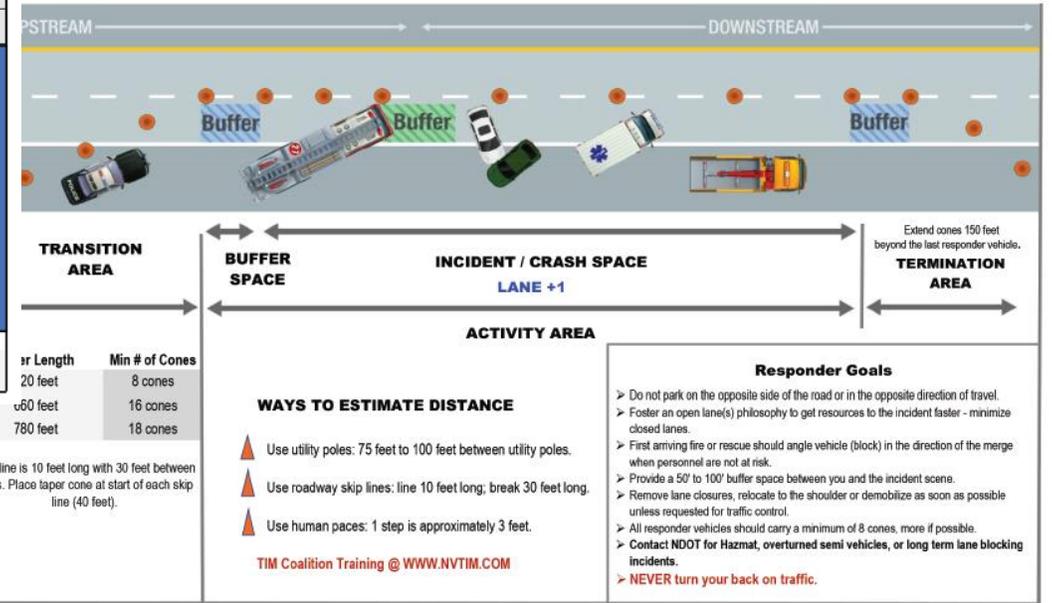


Nevada Incident Severity Magnitude Chart			
Magnitude	Description	Duration	Traffic Control Measures
Minor	Property damage / non-injury, debris, disabled vehicles in the travel lane or on the shoulder	less than 30 minutes	1) Make agency notifications if the incident is on a roadway where a minor delay can create a significant traffic impact. Perform initial scene size-up.
			2) Establish advance warning area and other TTC components as time / personnel permits to avoid secondary crashes.
Intermediate	Injury crash, major debris, overturned cars, multi-vehicle crashes	greater than 30 but less than 2 hours	3) Set up Incident Command / Unified Command structure.
			4) Scene size up every 15-20 minutes.
Major	Fatality (one or more), overturned tractor trailers, complex multi-vehicle, or Hazmat	greater than 2 hours	5) Request special support from NDOT, Hazmat contractor, Coroner's Office or special towing requirements early (within the first 30 minutes of the incident).
			6) In the event of a long term closure make necessary arrangements with NDOT.

Traffic Incident Responder Action Steps <ol style="list-style-type: none"> 1. Set up preliminary Temp Traffic Control (TTC) to protect the scene (LANE +1). 2. Check the scene for injuries. Put on your safety vest and protective gear. 3. Conduct initial Scene Size-up. 4. Establish a TIM area. 5. Initiate ICS/Unified Command. 6. Conduct a secondary Scene Size-up within 15-20 minutes of the original arrival on scene and, reduce emergency lights - extinguish forward facing lights. 7. Adjust the scene TTC as necessary, opening lanes as soon as it is safe. 	MOVE-IT LAW NRS 484E.020 The driver of a vehicle involved in a crash resulting only in damage to a vehicle or other property which is driven or attended by any person shall: <ul style="list-style-type: none"> ▪ Immediately stop his vehicle at the scene of the crash and, ▪ remove the vehicle or cause the vehicle to be removed out of travel lanes to a safe location that does not obstruct traffic. If not, this person is guilty of a misdemeanor.	 SAFE EFFECTIVE TRAFFIC CONTROL SAVES LIVES AND IS EVERYONE'S JOB	QUICK CLEARANCE / HOLD HARMLESS LAW NRS 484B.443 Authority Removal Law In the event of a crash or incident involving a vehicle, where cargo or other personal property has been damaged, spilled within the right-of-way, or blocking any portion of a roadway, removal authority is given to: <ul style="list-style-type: none"> ▪ A person who owns, leases, or occupies property from which an abandoned vehicle or its contents or parts are removed; ▪ Law enforcement, agents assigned by law or in combination with Unified Command (Department of Transportation, fire, etc.) Unified Command decisions to relocate the vehicle and load shall NOT hold agencies liable. Removal costs incurred in the process are the sole responsibility of the owner and carrier of the removed vehicle, cargo, or property and are NOT contingent upon vehicle owner approval.	MOVE-OVER LAW NRS 484B.607 Upon approaching a stationary authorized emergency (including a motorist changing a tire), recovery or highway maintenance vehicle, when the authorized vehicle is displaying alternately flashing red, red and white, red and blue, or amber lights, a person who drives an approaching vehicle shall: <ul style="list-style-type: none"> ▪ Yield the right-of-way by making a lane change into a lane not adjacent to that of the authorized emergency vehicle, or ▪ Reduce the speed of the vehicle if changing lanes would be impossible or unsafe.
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COMMUNICATE	COORDINATE	COOPERATE
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TRAFFIC INCIDENT MANAGEMENT AREA



TIM Video (Partnership with Nevada DPS)



Section 2: Crash Debrief

Case No: 211100660
Date: 11/09/2021
Time: 1,246 hours
Location: US50/S. Carson Street



Section 2: Crash Debrief

■ Collision Summary

- A white 2017 Ford F-350 was traveling eastbound on US50 approaching the intersection with S. Carson Street towing a 38,000-pound Rivarama yacht with a trailer that was not equipped with brakes.
- The Ford entered the intersection against a red traffic signal and struck a southbound silver 2015 GMC occupied by three adults.
- The Ford and the boat trailer separated, and six other vehicles were struck: Four vehicles were traveling northbound, and two were stopped southbound IR580.



Section 2: Crash Debrief



V-2 GMC

V-3 Mercedes

V-4 Nissan

V-5 Volkswagen

V-6 Toyota

V-7 Chevrolet

V-8 Subaru

Section 2: Crash Debrief



Section 2: Crash Debrief



Section 2: Crash Debrief

■ Injury Summary

- V-2: The right rear passenger of the GMC was pronounced deceased on the scene, and the front passenger succumbed to their injuries at Renown Regional Medical Center after being transported via air ambulance. The driver was transported with minor injuries.
- V-3: The driver of the northbound Mercedes was transported with life-threatening injuries and has been released from the hospital.
- V-4: The driver of the northbound Nissan was transported and is currently still at Renown with life-threatening injuries. The passenger was transported with minor injuries.



Section 2: Crash Debrief

■ Multi-Agency Response

- Law Enforcement: Carson City Sheriff's Office, Nevada Highway Patrol, and Fire Marshal Office.
- Emergency Personnel: East Fork Fire & EMT and Care Flight.
- Various personnel from the Nevada Department of Transportation responded for traffic control and signage.
- Carson City Public Works provided traffic camera footage.
- A&A Towing and Carson City Towing recovered all vehicles, the yacht, and the trailer with assistance from Bragg Crane.
- TIP of Northern Nevada responded to the scene to assist with the uninjured involved and witnesses.
- Nevada Donor Network was advised.



Section 2: Crash Debrief



■ Road Closures

- Due to the severity of the injuries, resultant fatality, EMT triage, Care Flight landing zone, and debris from the collision, the intersection with US50 and S. Carson Street was closed until 1725 hours.
- IR580 southbound traffic was re-routed at Fairview Avenue until 1932 hours.
- Due to the yacht and trailer recovery efforts, the northbound on-ramp from US50 West remained closed until 2026 hours.

Section 2: Crash Debrief

■ Scene Documentation

- The scene was documented using a DJI Inspire 2 Drone.
- Carson City Public Works traffic cameras.



Section 2: Crash Debrief

■ Times

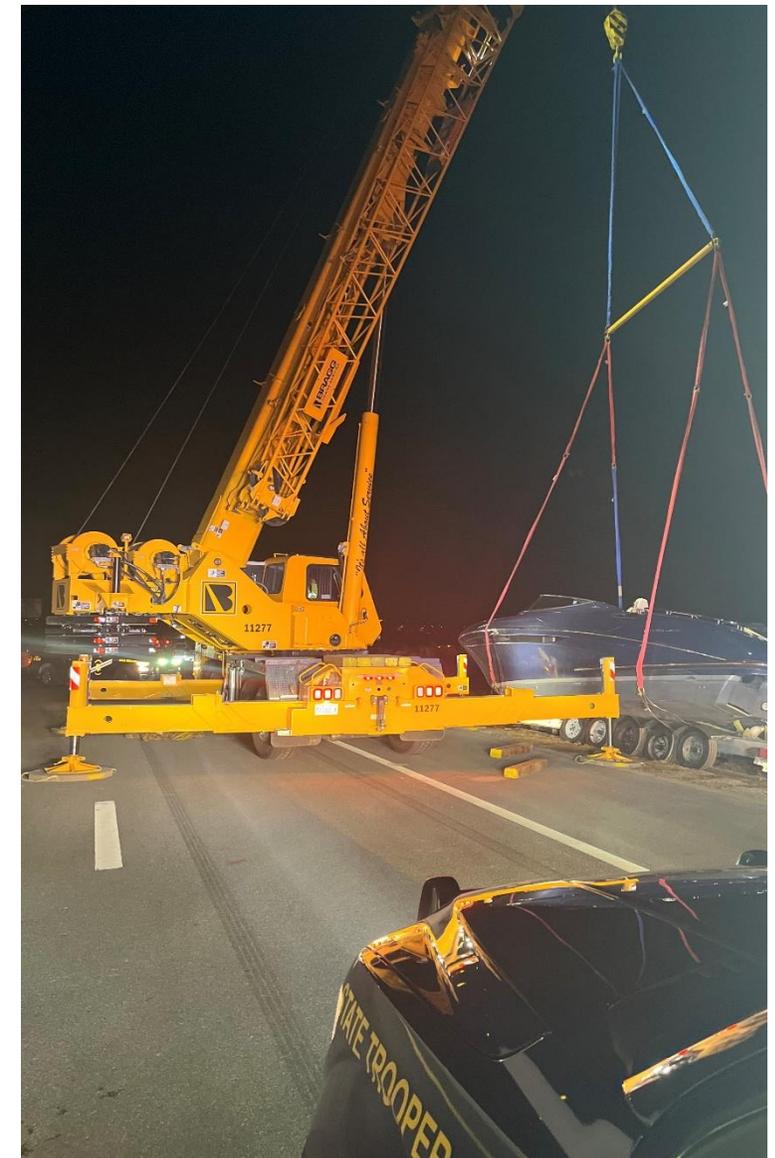
- Multiple vehicle collision reported at 1246 hours with a vehicle engulfed.
- Trooper Gordon arrived on scene at 1249 hours.
- Fatality confirmed at 1251 hours.
- NHP MIRT arrived at 1251 hours.
- Fire and Rescue on scene at approximately 1252 hours.
- Closure Duration – Seven hours and 38 minutes.
- Scene Clearance at 2026 hours (Roadways completely open).



Section 2: Crash Debrief

■ Effective Measures

- No secondary collisions.
- Rapid response from first responders.
- Efficient communication and collaboration between all agencies.
- Temporary road closures setup by CCSO and NDOT. Traffic was diverted from IR580 at Fairview to either N. Carson Street or Snyder Avenue.
- Expeditious response and arrival of A&A Towing/Carson City Towing for recovery and scene cleanup.
- Traffic Cameras that **RECORDED** the collision.



3 Training Update

Section 3: Training Update

- Training is an emphasis area in 2022
- Total of **32** certified TIM Trainers Statewide
- Nevada is **12th** in the nation having **69.6%** (5,720) of all first responders trained. (4/11/22)
 - 2014, it was **13%**. 8 years later it is **69.6%**
- **430** First Responders Trained in 2021
- Already Trained **185** in 2022
- Goal of **800+** by the end of the year



Section 3: Training Update

- TIM website (*nvtim.com*) has been re-designed and is up to date with resources and upcoming trainings



TIM Facts

...arance times, it may even save lives. An accident that occurs as a result of congestion or distraction from a prior crash is referred to as



FIRE

TIM Calendar

This section provides a list of scheduled events for the TIM Coalition meetings and members. If you are a first responder and want to be added to the TIM Coalition membership please fill the form below and we will add your name to the invitation. *Meetings are by invitation only please.*

« MAY 2022 »						
M	T	W	T	F	S	S
25	26	27	28	29	30	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	1	2	3	4	5

SAT
14

Nevada TIM SHRP2 4-Hour Training Class - Goldfield

May 14 @ 10:00 am - 2:00 pm

SUN
15

EMS Week

May 15 - May 21

4 Future Initiatives

Section 4: Future Initiatives

- Possible Expansion of TIM Program
 - Considering new coalition in the Quad-County Area
 - Considering new coalition in Caliente
- Nevada Towing Recovery and Incentive Program (TRIP) Pilot Program
 - Piloting TRIP program in Las Vegas
 - Program puts qualified heavy-tow providers on list to respond to major commercial vehicle crashes
 - If requirements are met for response time and incident clearance, incentives are paid to the towing provider by NDOT



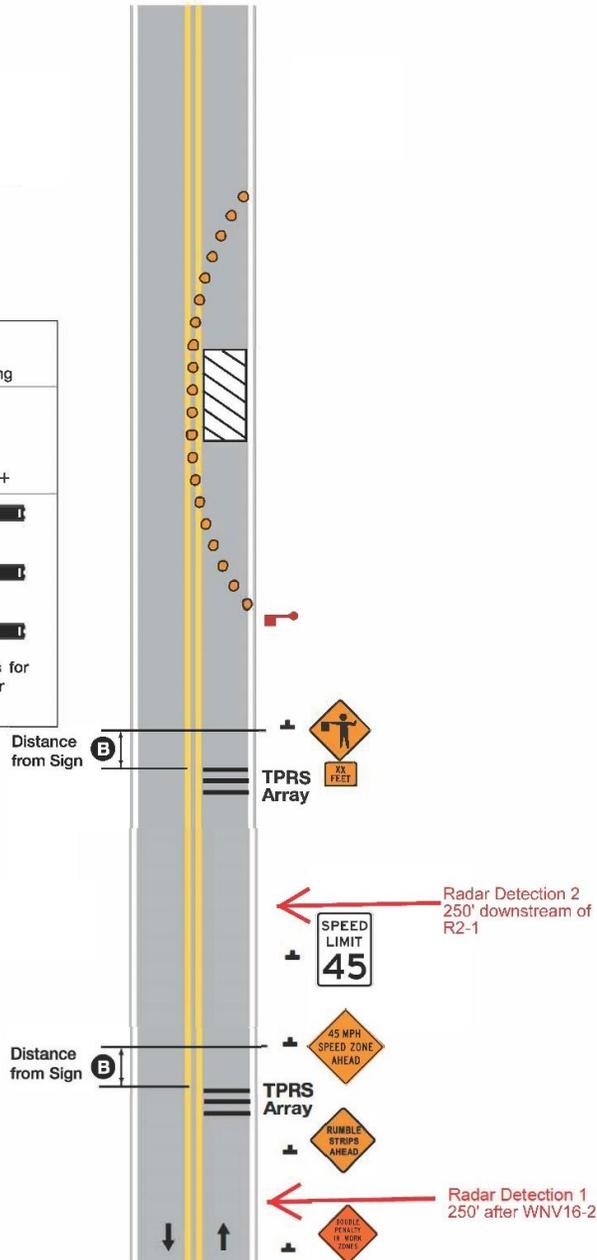
Section 4: Future Initiatives

Lane Closure on a Two-Lane Roadway, Using Flaggers
Showing one direction only

Speed	B	C
To 40 MPH	120'	10'
41-55 MPH	160'	15'
56+ MPH	200'	20'
65+ MPH	240'	35'+



Follow 2020 NDOT Standard Plans for Road and Bridge Construction for other sign and TC layout details.



See 2020 NDOT Standard Plans for Road and Bridge Construction, sheets TC-1 to TC-21 as needed.

From MUTCD, 2009 Edition Typical Application 10

Drawing not to scale.

- Portable Rumble Strips – OTS Grant Project
 - Purchasing set of Portable Rumble Strips for each sub-district
 - NDOT will track compliance of work zone speed before and after drivers come in contact with the arrays
 - Grant is in progress and nearing purchase of the equipment



For more information about TIM,
please visit the NDOT website:

www.dot.nv.gov



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