What is Vision Zero?

Each year, the city of Las Vegas sees over 40 lives lost due to traffic crashes. Las Vegas' Vision Zero Program aims to develop holistic, effective, and well-defined transportation safety **strategies** with the goal of eliminating all traffic fatalities and serious injuries by the year 2050.

Reform the City's Approach to Transportation Safety

The city established its Vision Zero program to update standard processes, implement policy change, and ensure permanent funding sources for transportation safety projects.



Enhance Communication, **Transparency & Accountability**

Enhance the accuracy and relevance of transportation safety data and report the progress on Vision Zero strategies and actions to the public.



Create for All

Install road safety improvements across the city with the goal of eliminating traffic fatalities and serious injuries. Utilize national best practices to enhance safety focusing on disadvantaged communities and vulnerable road users such as

pedestrians and cyclists.





Promote a Culture of Safety

Launch a public awareness campaign to boost public knowledge and collaborate with the community and partners to improve transportation safety.

Implement Safe Speeds

Determine safer vehicle speeds and implement speed management practices in areas with higher numbers of pedestrians and cyclists.













Help Make Our City a Safer Place for Everyone

Vision Zero Program

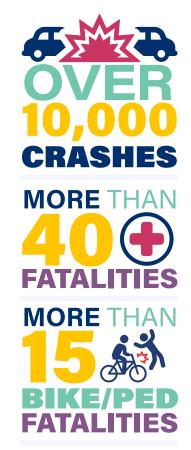
The city of Las Vegas' <u>Vision Zero Program</u> aims to develop holistic, effective, and well-defined transportation safety strategies with the goal of eliminating all traffic fatalities and serious injuries by the year 2050.

Considerations for Transportation Safety

Enhancing transportation safety involves balancing and trade-offs between safety and the following factors:

- Land Use and Accessibility: Safety improvements, such as traffic calming
 measures or road closures, enhance safety
 but can sometimes restrict residents'
 accessibility, leading to longer travel times
 and travel distances.
- Mobility and Capacity: Harmonizing the needs of vulnerable road users (such as pedestrians and bicyclists) and vehicular traffic, especially for heavy vehicles and buses, may require innovative and complex safety solutions to serve all road users.
- Facility Ownership: Different jurisdictions
 may own or manage various segments
 of a transportation network, introducing complexity in implementing and funding
 cohesive safety measures along a corridor or within a target area and requiring close
 cross jurisdictional collaboration.
- Public Awareness and Education: Developing and implementing effective public awareness and education programs is essential to activate a cultural shift towards safer transportation practices.
- Technology Integration and Privacy: Ensuring seamless integration of diverse safety technologies requires collaboration and communication protocols among agencies. Balancing technology use for safety and addressing privacy concerns is a complex aspect in developing effective safety strategies.
- Supporting Infrastructure: Availability of supporting infrastructure necessary to
 accommodate the needs for safety improvements is crucial, particularly in locations with limited right-of-way,
 access and available power/utilities.

Each year, the City of Las Vegas experiences:



Mobility and Safety

Transportation safety often involves navigating the balance between mobility and the number access points. A higher density of driveways and intersecting streets along a road increases the likelihood of conflicts between road users. The city of Las Vegas utilizes a safe system approach to balance mobility and safety to provide its residents a high quality of life to live, recreate, and conduct business.



HIGHER SPEEDS



ARTERIALS AND COLLECTORS



Lower density of access points and driveways reduces conflict point along the roadway. This increases mobility on major roadways benefitting freight, transit, and first responders to travel with less barriers at higher rates of speed.

NEIGHBORHOOD STREETS



Higher density of access points and driveways increases potential conflict points along the roadway. This decrease in mobility on less major roadways benefits businesses, and residents travel from home, work, and regular commuting day to day activities with increase access to land uses.







Safety Needs Identification Process

The city of Las Vegas employs a systematic process to identify transportation safety needs and implement appropriate solutions. While the city is committed to following best street design practices, actual safety outcomes are not always predictable. The city offers multiple public feedback mechanisms throughout the entire process as public input is crucial to go above and beyond typical design standards to enhance safety.

Safety need verification

The city utilizes a robust analysis of safety and traffic data to verify safety needs.

This includes analyzing crashes, collecting speed and volume data, and conducting traffic studies.

Prioritization of improvement

Once improvements are identified, the city prioritizes them based on the severity and frequency of crashes, and the impacts on underserved communities. Priority is given to safety improvements with higher safety impacts and lower implementation efforts.

Implementation and monitoring

The city implements safety improvements and closely monitors their effectiveness. This involves conducting before-and-after analysis to assess the safety impacts in the community.

Safety need identification

The city utilizes multiple avenues to identify transportation safety needs, including analyzing previous crash records, and addressing public concerns. Thanks to our Vision Zero program we have been shifting to a more proactive approach, by looking at near misses and safety scores from real time data.

Identification of improvements

Once safety needs are verified, the city identifies the best ways to integrate safety elements into new projects. The city considers various factors to identify the best improvements. Factors include, but not limited to, the type of crashes, potential impacts on mobility, and right-of-way and utility impacts.

Funding sources

The city actively secures funding sources for implementing safety improvements, including allocating local resources and pursuing federal and state funding opportunities.

FOR MORE INFORMATION, PLEASE VISIT:



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Safety and Land Use

Population density, shaped by land use planning decisions, significantly impacts safety performance. Higher population density creates greater traffic friction, leading to more interactions among all road users. This could significantly increase the risk of fatal crashes where speeds are high. Therefore, different land use areas necessitate specific engineering elements and street designs to enhance safety.

Higher population density encourages more walking, biking, and public transit use.





Residential Neighborhoods:

Residential neighborhoods consist of homes, parks, and community facilities, emphasizing pedestrian safety and traffic calming measures. Designated crosswalks, sidewalks, bike lanes and signage help guide pedestrians and cyclists to ensure safe interactions with vehicles.





School Zones:

School zones are areas surrounding educational institutions where traffic safety is paramount due to the high volume of pedestrian and bicycle activities, especially during school arrival and dismissal times.

Industrial Areas:

Industrial areas and warehouses are characterized by heavy truck traffic, large vehicles, and the movement of goods. Speeding can be a concern due to the straight and wider roads often found in industrial zones.





Hotels and Casinos:

Hotels and casinos are commercial areas with unique traffic patterns influenced by visitor behavior and irregular peak hours.





The Three "E"s of Transportation Safety

Traffic safety is built on three crucial pillars: Education, Engineering, and Enforcement. Each of these components plays a vital role in creating safer roads and reducing the number and severity of crashes. Together, these three components form a comprehensive approach to protect and save lives on our roads.

EDUCATION

ENGINEERING

ENFORCEMENT

Impacts a group of road users

Impacts all road users together

Impacts road users individually







Education empowers
communities by providing
the knowledge and skills
needed for safe road use.
Through online contents,
workshops, school programs,
and public campaigns, we
aim to foster a culture of
safety where everyone is
informed and aware.

engineering is the backbone of transportation safety, affecting all road user. From well-designed intersections to efficient traffic signals and safe pedestrian crossings, our infrastructure is built to protect you. Innovative engineering solutions ensure that our roads are safe, accessible, and efficient for all.

Enforcement focuses on individual responsibility, ensuring that each person follows the rules. By holding drivers accountable for speeding, distracted driving, and other violations, we help maintain a safe environment for all. Remember, adherence to traffic laws keeps you, your family and everyone around you safe.



Drive Sober, Save Lives!

Impaired driving is not just illegal, it's dangerous and can have lifelong consequences. Choose safety and save lives by avoiding driving under the influence of alcohol, marijuana, or prescription drugs. Support the community by promoting sober driving and encouraging others to make responsible choices on the road.



Always designate a sober driver or use rideshare services if you plan to drink. It's a simple way to keep our roads safe.



Plan ahead by arranging a designated driver or using public transportation. It's the responsible choice for everyone's safety



If you suspect someone is impaired behind the wheel, don't hesitate to report it to law enforcement. Your call could save lives.



Even prescription medications can impair your ability to drive safely. Always check with your doctor or pharmacist about potential side effects.



Educate yourself and your loved ones about the risks of impaired driving. Awareness saves lives.

Did you know that nearly ONE-THIRD of crash fatalities in Las Vegas are a result of impaired driving? •



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www.lasvegasnevada.gov/ VisionZero

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Safety at Intersections

Intersection safety requires a multifaceted approach, often combining several strategies to effectively address and solve safety issues. This includes understanding data to identify needs, selecting the most appropriate intersection designs, implementing targeted actions to reduce conflicts, and ensuring everyone knows and follows safe practices. Let's all do our part to keep our intersections safe!



Pedestrians

- Cross at designated crosswalks and avoid jaywalking.
- Follow pedestrian signals. Only cross when the "Walk" signal is on.
- Look both ways. Check left, right, and left again before crossing, even with the signal.
- Avoid distractions like phones or headphones while crossing.
- Cross in a straight line and avoid sudden changes in direction to be predictable.



Cyclists

- Wear bright clothing and use lights or reflectors to be visible, especially at night.
- Follow the rules as drivers, including stopping at red lights and stop signs.
- Use bike lanes when available. If not, ride on the right side of the road.
- Be cautious of parked cars and the potential for doors opening suddenly.
- Make eye contact to ensure drivers see you, especially when crossing intersections.

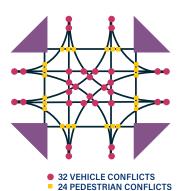
Drivers

- Reduce your speed as you approach intersections and be ready to stop.
- Follow all signals and signs. Never run red lights or stop signs.
- Always give the right of way to pedestrians and cyclists, especially when turning.
- Use your turn signals well in advance to let others know your intentions.
- Stay focused and avoid distractions like using your phone while driving.

Did you know that NEARLY 50% of fatal crashes in Las Vegas happen at intersections?



Traditional intersections have 32 conflict points between vehicles and 24 conflict points between pedestrians and vehicles.



FOR MORE INFORMATION, PLEASE VISIT:



www.lasvegasnevada.gov/ VisionZero

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Speed Management and Safety

The city of Las Vegas is committed to reducing speeding and enhancing road safety through a variety of improvements. These include creating self-enforcing roads, which are designed and operated to naturally encourage motorists to drive at safer speeds that align with the road's purpose and surrounding land uses.

Did you know that nearly ONE-THIRD of fatal crashes in Las Vegas are related to speeding?





Mind your reaction time: Every time your speed doubles, the stopping distance quadruples.



Adjust for conditions: Allow more stopping time when driving bigger, heavier vehicles, going downhill, or on wet, slippery, or uneven pavement. Give large trucks ample room when pulling in front of them.



Monitor your speedometer: Pay close attention to your speed, especially before entering a school zone or an intersection.



Give space to speeders: Give speeding drivers plenty of space, and if they follow too closely, let them pass.



Discuss safe driving: Talk to family members or friends about the dangers of overestimating driving abilities and the importance of safe speed.







Studies indicate that traveling with speeds higher than the speed limit only reduces travel time by 2 to 6 minutes,



- about the time you might spend waiting in a drive-

through line - but significantly increases both the frequency and severity of crashes. For a safer journey, stick to the speed limit and prioritize safety over saving a few minutes.





Vulnerable Road Users

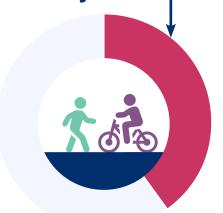
The city of Las Vegas is committed to protecting all road users including vulnerable road users through road safety improvements. These efforts include designing pedestrian-friendly infrastructure to provide a safer and more convenient environment for pedestrians, cyclists, and transit users, alongside implementing traffic calming measures to reduce speeds in areas with high walking and biking activities.



A Complete Street is a road designed to safely serve everyone who uses it, whether they're walking, biking, taking public transit, driving, or using mobility aids. Complete streets:

- Reduce severe conflicts by separating different types of road users with designated lanes or paths, reducing the risk of collisions.
- Reduce vehicle speeds by incorporating traffic calming measures such as speed humps or narrower lanes, promoting safer driving habits.
- Manage conflicts in time by implementing enhanced pedestrian crossings with features like longer crossing times or lighting.
- Increase awareness by incorporating signage, road markings, and signals that alert all users to shared spaces and potential hazards.

Did you know that NEARLY 40% of crash fatalities in Las Vegas are pedestrians or bicyclists?









LOCATION

ROAD TYPE

ROAD USER

The city employes the most recent Federal Highway Administration standards and guidelines, including the Safe System Roadway Design Hierarchy to identify the most appropriate safety improvements. These tools categorize engineering and infrastructure-based measures based on their effectiveness and consider factors like the location, type, and users of the roadway facility.





Partner with us to Enhance Transportation Safety in Your Community

Why

Your feedback helps us identify issues and priorities, ensuring that the city addresses the most critical transportation safety needs impacting our community. By sharing your insights, you enable the city to go above and beyond minimum engineering requirements, tailoring safety improvements to the unique needs of communities and ensuring the most effective outcomes for every project.





Street design with engineering requirements

Street design with engineering requirements
+ Additional safety elements

How

The most effective way to report a transportation safety issue is through **this link***, allowing you to pin locations and submit feedback online. Additionally, you can provide feedback through community meetings, surveys, social media, and reaching out to the Ward office.

The city of Las Vegas has

1,400+ MILES

publically maintained centerline miles of roadway

Resources

SCAN THIS CODE FOR MORE INFORMATION ABOUT TRANSPORTATION SAFETY IN NEVADA:



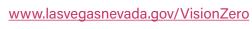
SCAN THIS CODE TO READ MORE ABOUT FEDERAL HIGHWAY SAFETY PROGRAMS:



highways.dot.gov/safety

zerofatalitiesny.com

FOR MORE INFORMATION, PLEASE VISIT:





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