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# Reform the City's Approach to Transportation Safety

*City of Las Vegas Vision Zero Action Plan – August 2022*

# Strategies and Action Items

Action	Timeframe	Lead	Support
 <b>1.1 Establish the City of Las Vegas (CLV) Vision Zero program.</b>			
1.1.1 Make CLV a model Vision Zero adopter, including operational/organizational changes and training.	Ongoing	Vision Zero (VZ) Task Force*	-
1.1.2 Create a Vision Zero Task Force and assign action item champions.	Complete Year 1	VZ Task Force	-
1.1.3 Convene regular meetings of the Technical Advisory Committee (TAC) to discuss current safety topics and opportunities for improvement.	Ongoing (4 meetings/year)	VZ Task Force	VZ TAC
1.1.4 Produce a comprehensive biannual report that documents the implementation status of the <i>Vision Zero Action Plan</i> , including case studies and lessons learned.	Ongoing (every 2 years)	VZ Task Force	VZ TAC
 <b>1.2 Establish a permanent funding source for the Vision Zero program.</b>			
1.2.1 Develop a plan to establish a permanent, dedicated funding source for Vision Zero implementation and coordination.	Complete Year 2	CLV	-
1.2.2 Apply for federal grants, regional funds, and local funds for programmatic planning and infrastructure to implement the Vision Zero Program.	Ongoing	CLV	-
1.2.3 Collaborate with the Regional Transportation Commission (RTC) to determine inclusion of Vision Zero action items in the RTC's Regional Transportation Plan/Transportation Improvement Program (RTP/TIP).	Ongoing	VZ Task Force	RTC
 <b>1.3 Update City and regional infrastructure processes and guidelines to facilitate designs centered around transportation safety.</b>			
1.3.1 Evaluate local roadway design standards to ensure consistency with Vision Zero goals and Safe System approach. Include at least one additional Safe System element at each standard plans update.	Ongoing	VZ Task Force	RTC, VZ TAC
1.3.2 Establish CLV Vision Zero internal processes to ensure that a Safe System approach is evaluated and implemented for all transportation projects.	Ongoing	CLV	-
1.3.3 Finalize the CLV Neighborhood Traffic Management Program (NTMP) guidelines and hold trainings to educate staff.	Complete Year 1	CLV	-
1.3.4 Establish multi-discipline response team for crashes involving fatal and serious injuries – responsible for holistic analysis of contributing factors and recommendation of potential countermeasures through Safe System analysis.	Complete Year 2	CLV	-
 <b>1.4 Implement policy changes to enhance transportation safety.</b>			
1.4.1 Support legislative efforts related to advancing Vision Zero principles.	Ongoing	VZ Task Force	Nevada Advisory Committee on Traffic Safety (NVACTS), City Attorney's Office (CAO)

\*VZ Task Force consists of members of the City of Las Vegas Department of Public Works Transportation Engineering Division






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## Create Safe Streets For All

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# Strategies and Action Items


Action	Timeframe	Lead	Support
 <b>2.1</b> Implement safety treatments along the High Injury Network (HIN), within the Communities of Concern (CoC), and citywide using the Safe System approach, Federal Highway Administration (FHWA) Proven Safety Countermeasures, and Complete Streets principles.			
2.1.1 Perform Road Safety Audits (RSAs) utilizing the ArcGIS template developed by Vision Zero. Develop a process that can be replicated for all City corridors.	Ongoing	VZ Task Force	-
2.1.2 Reduce crashes through low-cost engineering solutions, enforcement, and education efforts.	Ongoing	CLV, VZ Task Force	-
2.1.3 Plan and develop long-term multimodal improvements on targeted corridors, transforming City streets through major projects designed to ensure safe travel for all.	1 every 3 Years	CLV	-
2.1.4 Plan/fund/construct improvements strategically and equitably from CLV's Intersection Improvement Master List.	Yearly	CLV, VZ Task Force	-
2.1.4.1 Safety improvement project at Sahara Avenue and Valley View Boulevard (Wards 1 and 3)	Complete Year 4	CLV	-
2.1.4.2 Safety improvement project at Sahara Avenue and Ft Apache Road (Ward 2)	Complete Year 4	CLV	-
2.1.4.3 Safety improvement project at Lake Mead Boulevard and Greenspring Street (Wards 2 and 4)	Complete Year 4	CLV	-
2.1.4.4 Safety improvement project at Peak Drive and Rainbow Boulevard (Wards 1 and 5)	Complete Year 6	CLV	-
2.1.4.5 Safety improvement project at Deer Springs Way and Jones Boulevard (Ward 6)	Complete Year 6	CLV	-
2.1.5 Enhance streetlighting to improve visibility along corridors and at intersections.	Ongoing	CLV	-
2.1.5.1 Streetlight upgrades on Decatur from Pennwood Avenue to Washington Avenue (Ward 1)	Complete Year 4	CLV	-
2.1.5.2 Streetlight upgrades on Lake Mead Boulevard from Anasazi Drive to US-95 (Ward 2)	Complete Year 4	CLV	Clark County (CC)
2.1.5.3 Streetlight upgrades on Charleston Boulevard from I-15 to Nellis Boulevard (Ward 3)	Complete Year 4	CLV	NDOT
2.1.5.4 Streetlight upgrades on Cheyenne Avenue from CC-215 to US-95 (Ward 4)	Complete Year 6	CLV	CC, NDOT
2.1.5.5 Streetlight upgrades on Lake Mead Boulevard from US-95 to Rancho Drive (Ward 5)	Complete Year 6	CLV	City of North Las Vegas (CNLV)
2.1.5.6 Streetlight upgrades on Decatur Boulevard from Iron Mountain Road to El Campo Grande Avenue (Ward 6)	Complete Year 6	CLV	-
2.1.6 Implement traffic signal system and operational modifications that are proven to reduce serious injury and fatal crashes.	Yearly	CLV, RTC FAST	-
2.1.7 Evaluate the feasibility of road diets/reassignment of lanes on streets targeted for overlays.	Ongoing	CLV	-

# Strategies and Action Items

Action	Timeframe	Lead	Support
 <b>2.2 Implement transportation safety enhancements to improve safety and operations for vulnerable users.</b>			
2.2.1 Plan/fund/construct improvements strategically and equitably from CLV's Pedestrian Safety Master List.	Yearly	CLV, VZ Task Force	-
2.2.1.1 Safety improvement project at Charleston Boulevard and Rainbow Boulevard (Ward 1)	Complete Year 4	CLV	NDOT
2.2.1.2 Safety improvement project at Charleston Boulevard and Warbonnet Way (Ward 2)	Complete Year 4	CLV	-
2.2.1.3 Safety improvement project at St. Louis Avenue and Eastern Avenue (Ward 3)	Complete Year 4	CLV	-
2.2.1.4 Safety improvement project at Buffalo Drive and Gilmore Avenue (Ward 4)	Complete Year 6	CLV	-
2.2.1.5 Safety improvement project at Decatur Boulevard and Washington Avenue (Ward 5)	Complete Year 6	CLV	-
2.2.1.6 Safety improvement project at Decatur Boulevard and El Campo Grande Avenue (Ward 6)	Complete Year 6	CLV	CNLV
2.2.2 Analyze all new and existing arterials with a posted speed limit of 35 MPH or less for incorporation of buffered bicycle lanes, cycle tracks, and/or shared-use paths.	1 every 3 Years	CLV, VZ Task Force	CLV Planning, RTC
2.2.3 Continue building the enhanced bikeway network and the amenities that support it (bicycle detection, parking), and phase implementation to ensure connectivity.	Ongoing	CLV	CLV Planning, Tech Vendors, Bicycle Coalition
2.2.4 Improve pedestrian safety and access to transit stops and stations.	Ongoing	CLV, VZ Task Force	RTC
2.2.5 Require all new developments to assess walkability, bikeability, access to transit, and micromobility.	Ongoing	CLV	City Development Committee (DevCo), CLV Planning, Developers
2.2.6 Create a quick planning program to assess all Wards every two years for low-cost pedestrian safety improvement projects.	Complete Year 5	VZ Task Force	-



## Strategies and Action Items

Action	Timeframe	Lead	Support
 <b>2.3</b> Implement programs to improve transportation safety focused towards users at schools, parks, and senior facilities.			
2.3.1 Establish a Safe Routes to School (SRTS) Program to provide transportation safety education to students, identify safety enhancements around schools, and promote walking and bicycling.	Complete Year 5	VZ Task Force	SRTS, Schools
2.3.2 Establish a Safe Routes to Parks Program to support safe and equitable access to parks through community engagement and education, park design, and signage.	Complete Year 5	VZ Task Force	Community
2.3.3 Establish a Safe Routes for Seniors program that provides transportation safety education to seniors, identifies transportation safety enhancements in areas populated or frequented by older adults, and promotes walking, bicycling, and transit use.	Complete Year 5	VZ Task Force	Community
2.3.4 Perform SRTS walk audits and implement improvement recommendations at public elementary, middle, and high schools.	2/Year	VZ Task Force	SRTS, Schools, Las Vegas Metropolitan Police Department (LVMPD)
2.3.5 Improve coordination among agencies regulating site selection for new education facilities. When new public school facilities open or relocate to a new site, ensure appropriate agencies work together to develop a transportation plan for the new school facility.	Ongoing	VZ Task Force	Clark County School District (CCSD)







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## Implement Safe Speeds

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# Strategies and Action Items

Action	Timeframe	Lead	Support
 <b>3.1 Determine safer vehicle speeds for all users.</b>			
3.1.1 Create and implement a uniform procedure of setting safe speeds.	Complete Year 2	VZ Task Force	RTC, NDOT, Zero Fatalities, LVMPD
3.1.2 Perform a pilot project to reduce arterial speed limits, with an emphasis along the HIN.	Complete Year 2	CLV	VZ Task Force FAST
3.1.3 Lower speed limits when implementing street design changes with capital or adjacent development projects.	Ongoing	CLV	-
3.1.4 Implement a speed feedback sign policy.	Complete Year 2	VZ Task Force	-
3.1.5 Perform a citywide evaluation of speed limits vs. speeds vehicles are traveling.	Complete Year 10	CLV	-
 <b>3.2 Pilot reduced speed limits in areas with high concentrations of vulnerable users.</b>			
3.2.1 Create and implement a policy for the setting of speed limits adjacent to residential, Downtown, schools, parks, and other areas with high concentrations of vulnerable users.	Complete Year 2	CLV	VZ Task Force
3.2.2 Perform a pilot project to reduce residential area speed limits, with an emphasis along the HIN and within CoC.	Complete Year 5	CLV	VZ Task Force
3.3.3 Perform a pilot project to reduce Downtown area speed limits, with an emphasis along the HIN and within CoC.	Complete Year 5	CLV	VZ Task Force
3.3.4 Perform a pilot project to reduce school area speed limits, with an emphasis along the HIN and within CoC.	Complete Year 5	CLV	VZ Task Force
3.3.5 Perform a pilot project to reduce park area speed limits, with an emphasis along the HIN and within CoC.	Complete Year 5	CLV	VZ Task Force
3.3.6 Reevaluate the NTMP and expand to a shared street implementation program which prioritizes people walking and biking, and includes countermeasures to slow vehicle speeds.	Complete Year 5	VZ Task Force	-



A photograph of a person's hands holding a smartphone while driving a car. The image is overlaid with a semi-transparent green filter. A large white number '4' is positioned on the left side of the lower half of the image.

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## Promote a Culture of Safety

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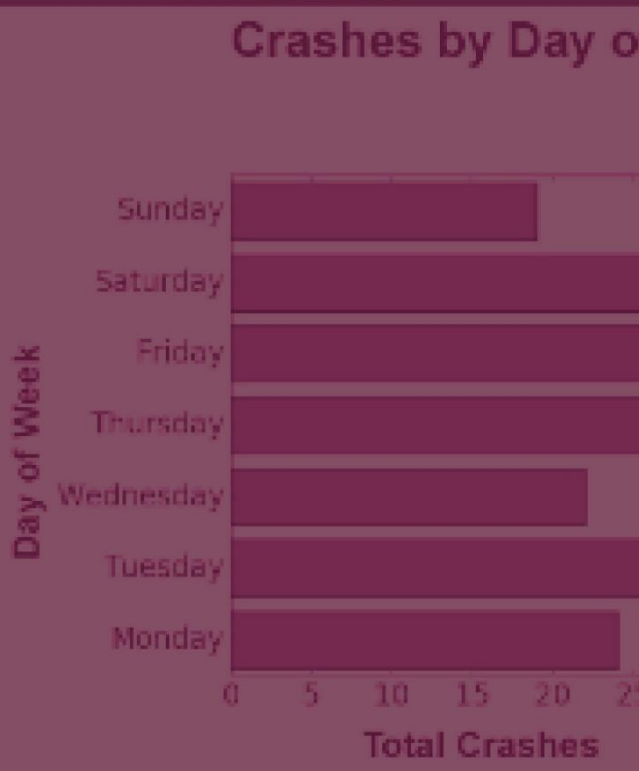
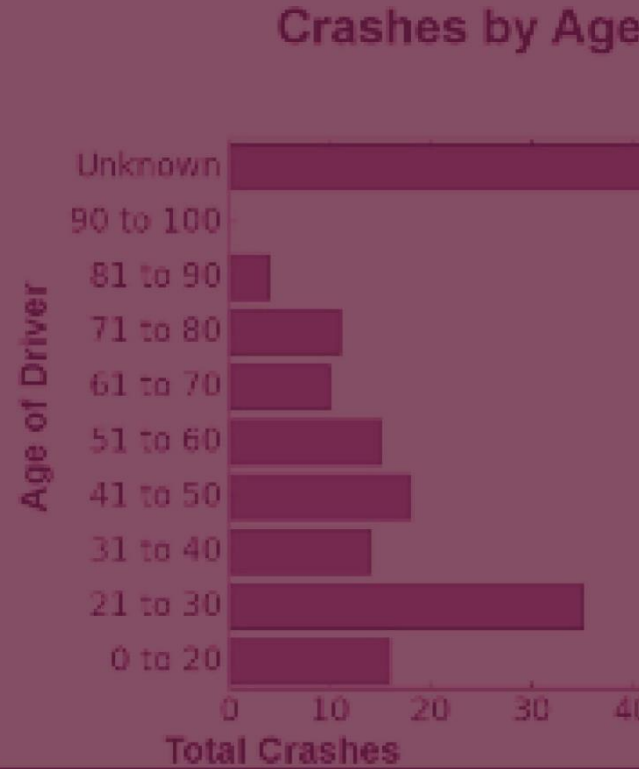
# Strategies and Action Items

Action	Timeframe	Lead	Support
<b>4.1 Implement a communications campaign to promote awareness and understanding of transportation safety.</b>			
4.1.1 Create a public brand for CLV Vision Zero efforts and implement procedures for incorporating it into engagement, construction, education, and evaluation work for transportation safety-focused projects.	Ongoing	VZ Task Force	Office of Communications
4.1.2 Develop the City's Vision Zero webpage.	Complete Year 1	VZ Task Force	Office of Communications
4.1.3 Share Vision Zero messages regularly on City-owned communications media.	Ongoing	VZ Task Force	Office of Communications
4.1.4 Create a message toolkit to get key safety messages out consistently.	Complete Year 2	VZ Task Force	-
4.1.5 Create Vision Zero communications and education materials in multiple languages.	Ongoing	VZ Task Force	-
4.1.6 Utilize and reinforce messages created through the State's Zero Fatalities program.	Ongoing	VZ Task Force	Zero Fatalities
4.1.7 Develop City-specific Vision Zero signage to be displayed with Vision Zero improvement projects during construction.	Complete Year 2	VZ Task Force	Vision Zero TAC, Local Public Agencies
4.1.8 Create a collaborative Public Service Announcement (PSA) program regarding driver safety.	Complete Year 2	VZ Task Force	Vision Zero TAC, Office of Communications
4.1.9 Coordinate a communications campaign around speed limit change to educate travelers about the key connection between speed and safety, and increase understanding of new speed limits.	Complete Year 2	VZ Task Force	Office of Communications, Zero Fatalities
<b>4.2 Strengthen the public's knowledge of transportation safety.</b>			
4.2.1 Develop demographic, geographic, and modal-specific safety outreach materials, including SRTS and pedestrian safety materials for seniors.	Complete Year 2	VZ Task Force	Community, Professional Societies, Schools, Office of Communications
4.2.2 Develop transportation fact sheets to educate all roadway users on safety countermeasures and rules of the road.	Complete Year 2	VZ Task Force	Community, Professional Societies, Schools, Office of Communications
4.2.3 Partner with advocacy organizations and other agencies to create a transportation safety education kit that community groups, schools, and others can use to promote Vision Zero.	Complete Year 2	VZ Task Force	Community, Professional Societies, LVMPD, Schools, Media
4.2.4 Conduct targeted outreach in schools – educating students about protecting themselves as safe pedestrians and cyclists, and working with their families for safer school zones.	2 meetings (2 different schools) /Year	VZ Task Force	SRTS, Schools, Youth Development and Social Innovation (YDSI)
4.2.5 Conduct targeted outreach in senior communities to discuss transportation safety concerns.	2/Year	VZ Task Force	Senior Communities, Ward offices

# Strategies and Action Items

Action	Timeframe	Lead	Support
 <b>4.3 Engage with the community and partners on transportation safety improvements.</b>			
4.3.1 Engage with the community to deliver effective and relevant transportation projects to improve safety and serve community needs.	Ongoing	VZ Task Force	Community
4.3.2 Perform follow-up engagement efforts to determine effectiveness of transportation safety improvements as part of project evaluation.	Ongoing	VZ Task Force	-
4.3.3 Identify a Transportation Safety Liaison within each interested Homeowners Association (HOA) or Neighborhood Association to discuss transportation safety topics.	Ongoing	VZ Task Force	Community
4.3.4 Work with local employers to commit to the Vision Zero initiative and disseminate safety messaging to their employees.	Ongoing	VZ Task Force	Community
4.3.5 Collaborate with businesses that sell alcohol and/or marijuana to partner with TNCs/Taxis to offer discounted rides for patrons.	Ongoing	VZ Task Force, CLV Business Licensing, CLV Planning	TNCs/Taxis
4.3.6 Identify strategies for integrating art and culture into Vision Zero outreach and projects.	Ongoing	VZ Task Force	Office of Communications
 <b>4.4 Prevent dangerous driving by leading by example.</b>			
4.4.1 Establish safety targets and track performance for City-owned fleet.	Complete Year 2	VZ Task Force	City Fleet, City Risk Management
4.4.2 Work with CLV Fleet to recommend safety-related devices and designs for City vehicles.	Complete Year 5	VZ Task Force	City Fleet, City Risk Management, Tech Vendors
4.4.3 Use technology to track speed and other dangerous driving behaviors in City fleet vehicles.	Complete Year 5	VZ Task Force	Tech Vendors
4.4.4 Provide access to Defensive Driving transportation safety education for operators of City fleet vehicles.	Ongoing	VZ Task Force	City Fleet, City Risk Management








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## Enhance Communication, Transparency, and Accountability

Vehicle 1 Driver Factor



# Strategies and Action Items

Action	Timeframe	Lead	Support
 <b>5.1 Report Vision Zero efforts and effectiveness to the public.</b>			
5.1.1 Maintain a Vision Zero website that shows progress on implementing the Action Plan.	4 Updates/Year	VZ Task Force	Office of Communications
5.1.2 Create a publicly available data dashboard to visually communicate transportation safety metrics, trends, and maps.	Complete year 5	VZ Task Force	Office of Communications
5.1.3 Provide publicly accessible ways for residents to contribute qualitative data regarding transportation safety and risks.	Complete Year 2	VZ Task Force	Office of Communications
5.1.4 Update procedures for responding to community transportation safety requests to make responses more transparent, consistent, and equitable.	Complete Year 5	VZ Task Force	CLV
5.1.5 Conduct Vision Zero presentations across the City.	Complete Year 5	VZ Task Force	-
 <b>5.2 Improve the quality of relevant transportation safety data.</b>			
5.2.1 Develop and implement a speed data collection program that covers a high percentage of the city street network, focusing on the HIN. Publish citywide existing conditions, slow zone information, and speed data collection results on the CLV Vision Zero site.	Complete Year 2	VZ Task Force	Office of Communications
5.2.2 Use speed data to proactively identify areas that need enforcement or engineering measures.	Complete Year 2	VZ Task Force	LVMPD, CLV
5.2.3 Explore traffic data collection technologies to supplement the City's collection efforts, including data on vulnerable users.	Complete Year 2	VZ Task Force	Tech Vendor
5.2.4 Develop data-driven citywide enforcement strategy.	Complete Year 5	VZ Task Force	LVMPD
 <b>5.3 Conduct evaluation studies to determine impacts of the Vision Zero program.</b>			
5.3.1 Conduct crash data analysis post project implementation to identify populations impacted and trends.	Ongoing	VZ Task Force	-
5.3.2 Document effects of all transportation infrastructure projects, including speed reduction along the HIN (if applicable), and share findings with the public.	Ongoing	VZ Task Force	-
5.3.3 Develop City-specific corridor and intersection crash rates, Crash Reduction Factors (CRFs), and Crash Modification Factors (CMFs).	Complete Year 5	VZ Task Force	NDOT
5.3.4 Study and evaluate potential for autonomous and connected vehicles to improve safety through vehicle-to-vehicle and vehicle-to-infrastructure data transmission to reduce crash frequency and severity.	Ongoing	VZ Task Force	Tech Vendor
5.3.5 Partner with the RTC Unified Planning and Work Program (UPWP) and/or the University of Nevada, Las Vegas (UNLV) to study the most effective form of traffic citation penalty.	Ongoing	VZ Task Force	CAO
5.3.6 Evaluate potential changes in LVMPD reporting for traffic crashes.	Ongoing	VZ Task Force	LVMPD