



VISION**ZERO**

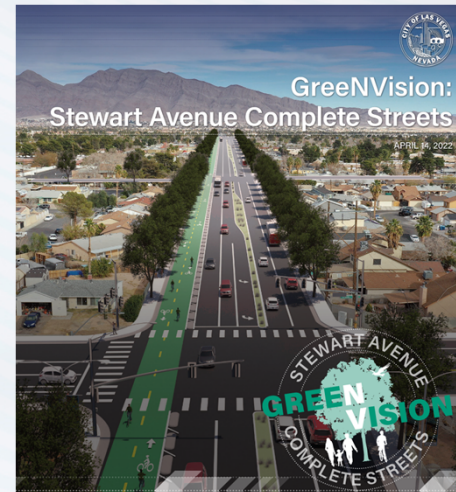
Vision Zero Program Update

Nevada Traffic Safety Summit
September 13th, 2023



Vision Zero Program Updates Transportation Investment

- » \$23.9 million Rebuilding American Infrastructure with Sustainability and Equity (RAISE)- GreenVision: Stewart Avenue Complete Streets Project
 - » Current status: Consultant selection underway to begin design and NEPA process
- » \$1,295,000 (CLV) USDOT Supplemental Action Planning Grant – Safe Streets and Roads for All Program
 - » Current status: In final stages of executing agreement with FHWA; RSOQ to follow for consultant selection
- » \$2 million USDOT Reconnecting Communities Pilot Program – Bonanza Road and F Street
 - » Current status: working on agreement with FHWA



Safety Issues	Safe System Approach	Acronyms
Dark Conditions	Safer People	CMF
Turning Conflicts	Safer Roads	BCA
Visibility	Safer Speeds	Cost
Excessive Speed		Benefit-Cost
		Modification
		Factor
		5 Stars: CMF = 10+
		4 Stars: CMF = 6-8
		3 Stars: CMF = 4-6
		Vegan Vision 2 Stars: CMF = 2-4
		Zero Action Plan 1 Star: CMF = 0-2

1 PROWAG Compliant Ramps / Tighten Curb Radii Reduces crossing distance for VRLs and vehicle turning speeds to increase pedestrian safety by improving sight distance between VRLs and motorists	Safety Issue 	CMF 0.397	BCA ***
2 Hardened Centerline Requires drivers to make sharper left-hand turns, which expands the driver's field of vision, increases the visibility of VRLs, and slows traffic	Safety Issue 	CMF 0.742	BCA ***
3 Pedestrian Refuge Island & Raised Pedestrian Crossing Lowers VRL exposure to vehicle traffic and enhances driver awareness of potential VRL activity by shortening crossing distance and creating a two-stage crossing	Safety Issue 	CMF 0.742	BCA ***
4 Zig-Zag Striping Visual Cue Improves drivers' awareness of VRLs, lowers average speeds, and increases the likelihood of drivers yielding	Safety Issue 	CMF 0.83	BCA ***

Figure 2: SSIV Countermeasures

FY 2022 Safe Streets and Roads for All (SSAA) Discretionary Grant Application

Exhibit 1. Artist Rendering of Bonanza Road Transformation



Vision Zero Program Updates Transportation Improvements

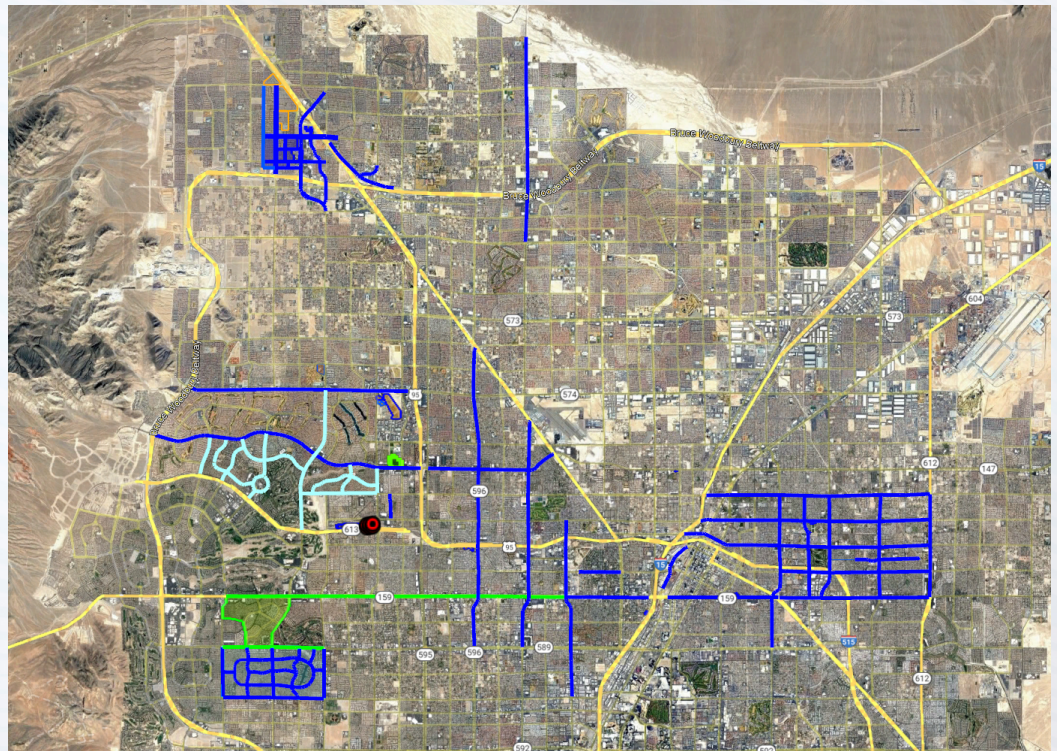
» Speed hump installations:

- Completed: Pittman Elementary School, Diamond Head Dr., Palomino Ln., Lorenzi Dr., O'Bannon Dr.
- Upcoming: Tule Springs Dr., El Camino Rd., Via Olivero Ave.



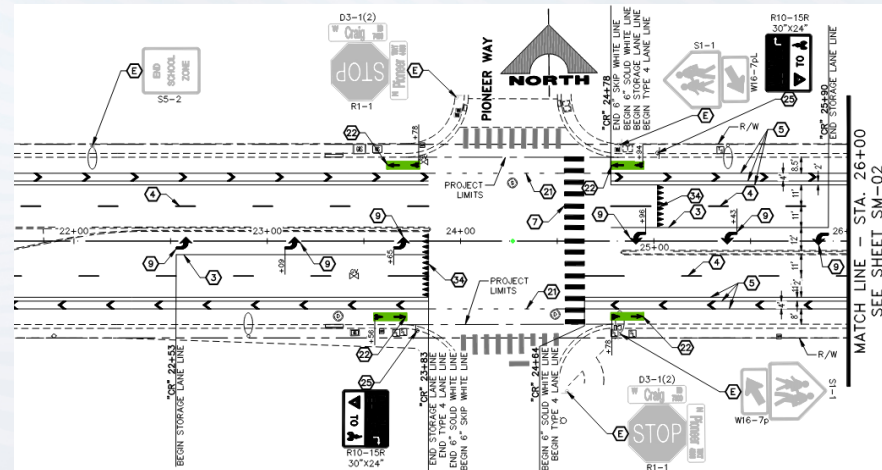
» Conversion of streetlighting to LED

- » Continuing to scope VZ elements in all Capital Improvement Projects and Rehabilitation Projects.



Vision Zero Program Updates Speed Limit Reduction

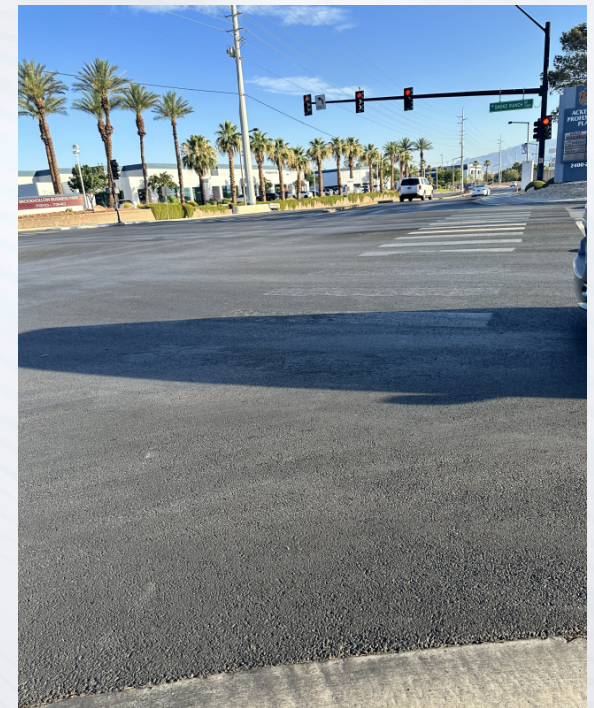
- » Main St., St. Louis Ave. to Charleston Blvd.
 - 30 MPH to 25 MPH
- » Craig Rd., Buffalo Dr. to Tenaya Way
 - 40 MPH to 35 MPH
- » Coordinating with other jurisdictions to determine the best policy on setting/changing speed limits



Vision Zero Program Updates

Safe Routes to School

- » Completed our Walk Audit Checklist
- » Prioritized schools, 2 per ward per year
- » Cimarron Memorial HS “test” walk audit: 12 immediate improvements
- » Fremont MS walk audit: 9 immediate improvements
- » Gibson Leadership Academy walk audit: 12 immediate improvements



Vision Zero Program Updates Outreach

- » Neighborhood meetings / Senior centers
- » ASCE student org luncheons
- » ITE Mountain District conference
- » Fremont Middle School Open House
- » National Summer Transportation Institute

- » Upcoming:
 - SNHD panel presentation: September 20th
 - Next TAC meeting: October 11th

- » Office of Communications posts on transportation safety topics:
 - How to navigate roundabouts
 - Traffic safety at schools
 - Stop on Red event



Vision Zero Program Updates

Miscellaneous Action Items

- » Finalize the CLV neighborhood traffic management program (NTMP) guidelines
- » Establish multi-discipline response team for crashes involving fatal and serious injuries
- » Collaborate with businesses that sell alcohol and/or marijuana to partner with TNCs/taxis to offer discounted rates to patrons
- » Help the City Attorney Office revise reckless driving language in the NRS



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