





Pedestrian Safety Improvements

THE FACTS ABOUT PEDESTRIAN SAFETY

73

of our friends and family members died in pedestrian crashes last year. And state and local law enforcement agencies say this year is on track for even more. The numbers keep going up.

PEDESTRIAN FATALITIES IN NEVADA



The tragedy of our pedestrian safety problem is that these incidents are preventable. We're in this together, so look out for each other and get on the road to Zero Fatalities.



Pedestrian Safety Improvements Underway

Pedestrian Safety Improvements

Clark County

Locations

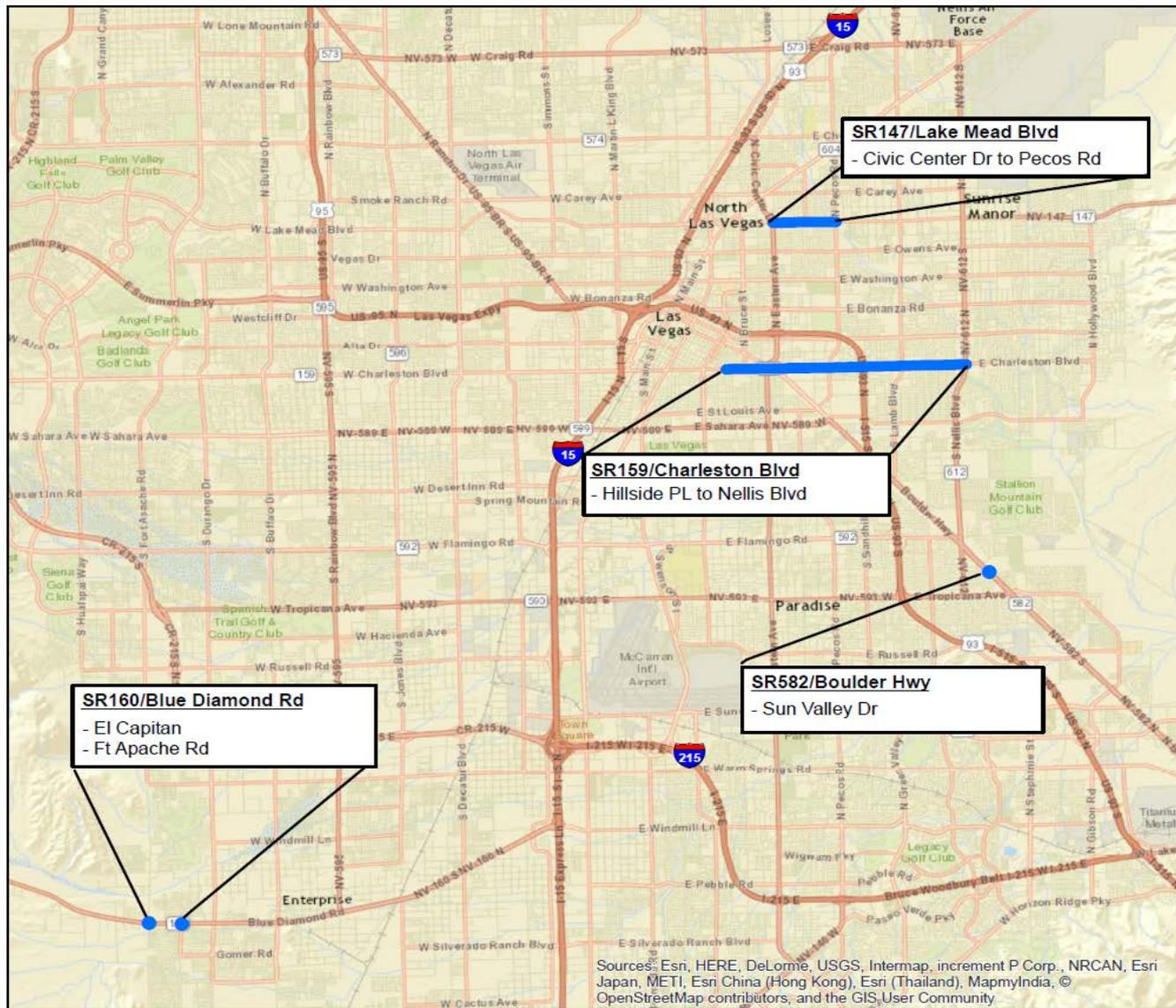
- Intersections
- ▬ Corridors



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Traffic Safety Engineering Division



SR147/Lake Mead Blvd
- Civic Center Dr to Pecos Rd

SR159/Charleston Blvd
- Hillside PL to Nellis Blvd

SR160/Blue Diamond Rd
- El Capitan
- Ft Apache Rd

SR582/Boulder Hwy
- Sun Valley Dr

Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), MapmyIndia, © OpenStreetMap contributors, and the GIS User Community



Pedestrian Safety Improvements

Charleston Blvd., Hillside to Nellis

- **SCOPE: HILLSIDE TO BURNHAM** –
 - **CONSTRUCT CURB EXTENSIONS FOR PEDESTRIAN CROSSINGS**
 - **PEDESTRIAN ACTIVATED RRFB'S AT 17TH STREET**
 - **DANISH OFFSET PEDESTRIAN REFUGE ISLAND**
- **SCOPE: ARDEN TO NELLIS** –
 - **WIDEN MEDIANS AND RE-STRIPE WITH 10 FT LANES**
 - **PEDESTRIAN ACTIVATED RRFB'S AT LAMONT**
 - **DANISH OFFSET PEDESTRIAN REFUGE ISLAND**

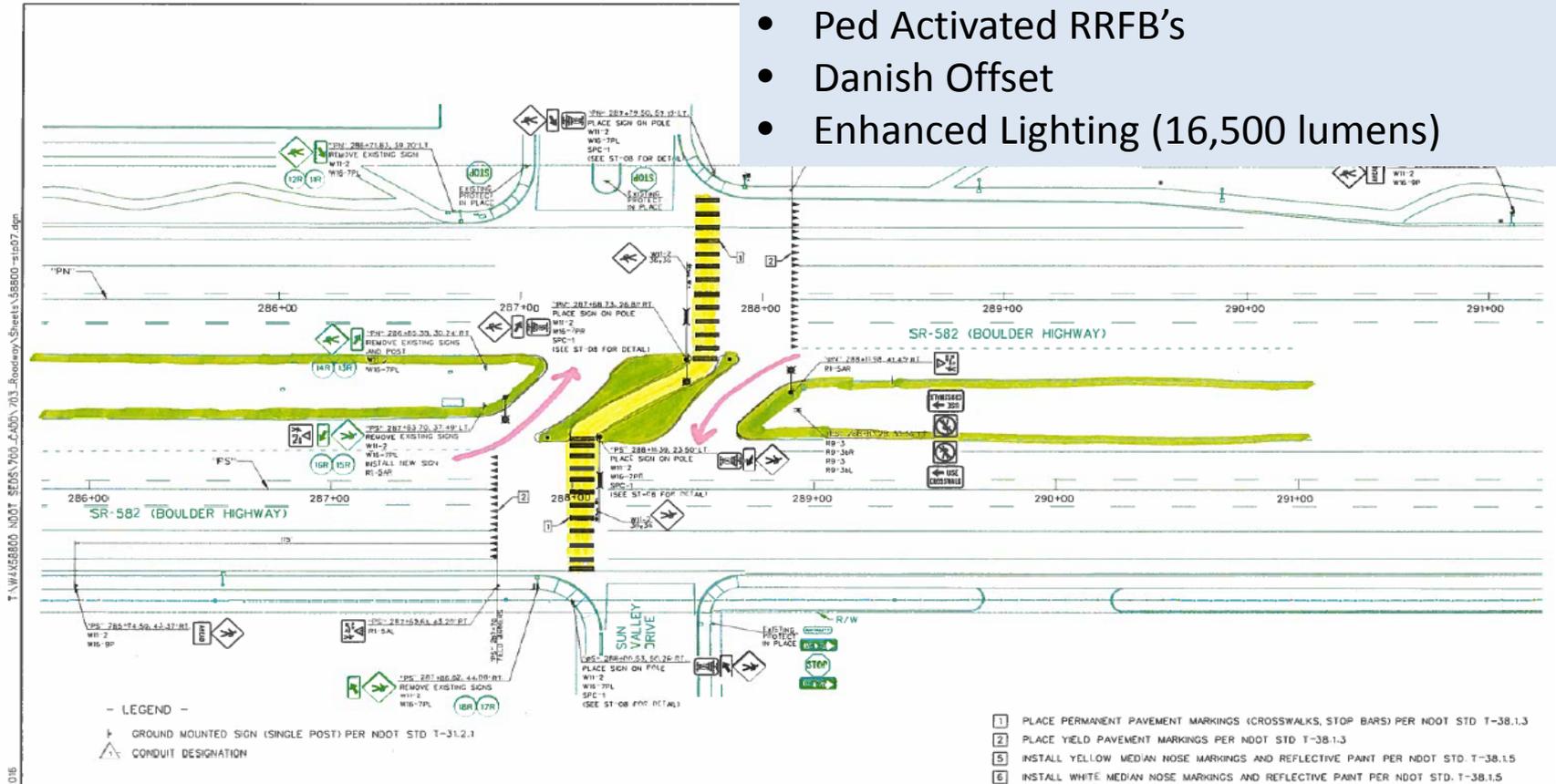




Pedestrian Safety Improvements

Boulder Highway @ Sun Valley Drive

- Ped Activated RRFB's
- Danish Offset
- Enhanced Lighting (16,500 lumens)



BOULDER HIGHWAY / SUN VALLEY DRIVE

- 1 PLACE PERMANENT PAVEMENT MARKINGS (CROSSWALKS, STOP BARS) PER NDOT STD T-38.1.3
- 2 PLACE YIELD PAVEMENT MARKINGS PER NDOT STD T-38.1.3
- 3 INSTALL YELLOW MEDIAN NOSE MARKINGS AND REFLECTIVE PAINT PER NDOT STD. T-38.1.5
- 4 INSTALL WHITE MEDIAN NOSE MARKINGS AND REFLECTIVE PAINT PER NDOT STD. T-38.1.5

Designed By:	P. Judd	3	90% DESIGN SUBMITTAL - NOT FOR CONSTRUCTION	MAR, 2016
Detalled By:	H. Miler	2	60% DESIGN SUBMITTAL - NOT FOR CONSTRUCTION	SEPT, 2015
Checked By:	S. Hoge	1	30% DESIGN SUBMITTAL - NOT FOR CONSTRUCTION	NOV, 2014
		NO	DESCRIPTION	DATE
ISSUE RECORD				

NOTES:
REPLACE EXISTING STRIPING AS REQUIRED TO MATCH EXISTING CONDITIONS.



STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION
CHARLESTON BLVD / BOULDER HIGHWAY
"PN" 285+00 TO "PN" 290+00
BOULDER HIGHWAY
SIGNING AND STRIPING





Pedestrian Safety Improvements

Lake Mead Blvd. (SR 147)

- **PROJECT LIMITS:** Lake Mead Blvd. (SR 147) Civic Center Dr. to Pecos Rd.
- **SCOPE:** Complete street project
 - rehabilitate pavement, lane reduction (6 to 4), construct median islands, buffered bicycle lanes, ADA ramps, 10 ft travel lanes, and wider sidewalks.
- **CONSTRUCTION SCHEDULE:** Begin early in 2017, end late in 2017
- **GOALS:**
 - Enhance user safety for vehicles, pedestrians, and bicycles
 - Minimize impacts to the traveling public
 - Resurface the existing roadway





Pedestrian Safety Improvements

Proposed



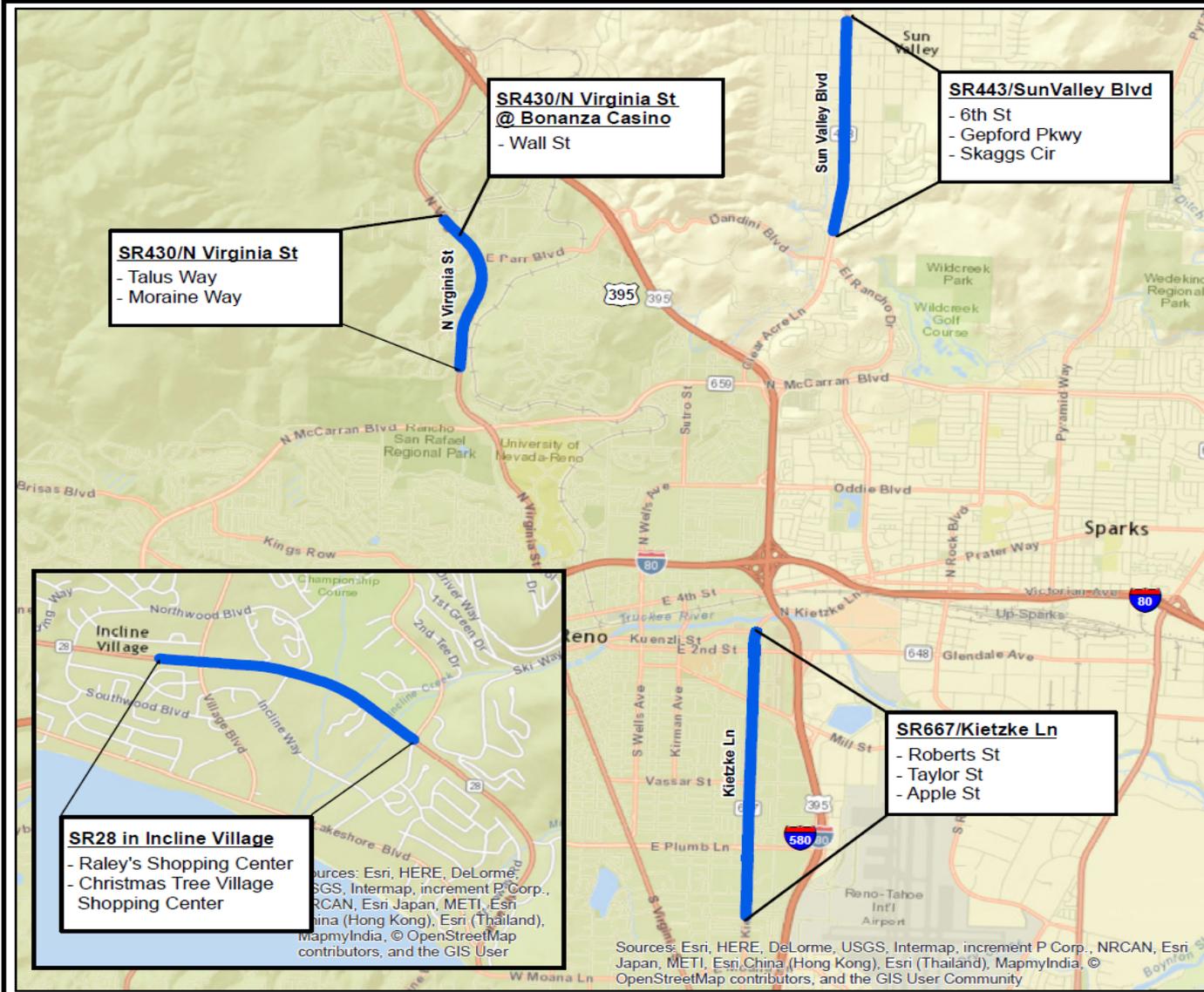
Lake Mead Blvd looking west near Brand St



nevadadot.com



Pedestrian Safety Improvements Underway

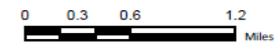


Pedestrian Safety Improvements

Washoe County

Corridor Locations

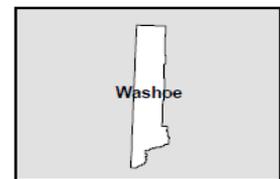
Corridors



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Engineering Division



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Pedestrian Safety Improvements

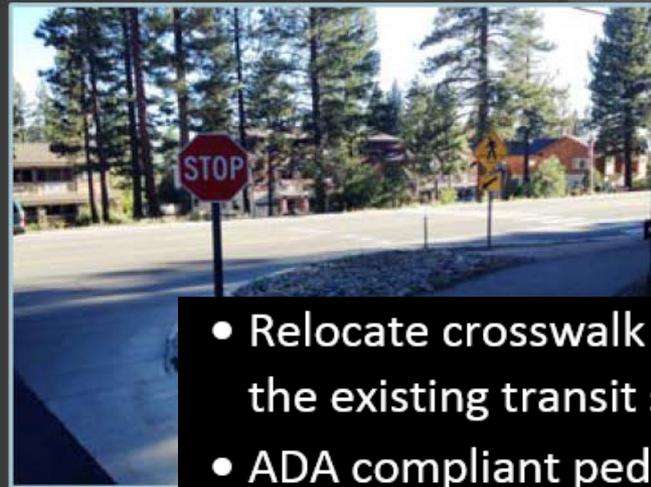
STATE ROUTE 28

EXISTING CONDITIONS

- Two existing marked crosswalks near Village Blvd



West crosswalk looking east



East crosswalk

- Relocate crosswalk immediately east of the existing transit shelter
- ADA compliant pedestrian ramps – connect to existing paved paths
- Install 2 RRFB systems
- Install 2 overhead LED Street lights
- Install new advanced pavement legends and signing



Pedestrian Safety Improvements

Sun Valley Blvd, Washoe County

6TH AVENUE - ENHANCED





Pedestrian Safety Improvements

Kietzke Lane Existing Conditions





Pedestrian Safety Improvements

Kietze Lane @ Roberts

- Ped activated Rapid Rectangular Flashing Beacons (RRFB) cantilevered
- ADA sidewalk on southeast corner with bulb out
- Street lights on both sides of the street at crosswalk (Phase 2)

Kietze Lane @ Taylor

- Ped activated Rapid Rectangular Flashing Beacons (RRFB) cantilevered
- Bulb outs and ADA sidewalk with curb and gutter to bus shelter located on southwest corner
- Street lights on both sides of the street at crosswalk (Phase 2)

Kietze Lane @ Apple

- New crosswalk on the northwest side of the intersection
- Ped activated Rapid Rectangular Flashing Beacons (RRFB) over the lane
- Pedestrian Refuge in the raised median
- Street lights on both sides of the street at crosswalk

Kietze Lane @ Grove Street

- Audible Crosswalk Pedestrian Signals (request of VA Clinic)





Pedestrian Safety Improvements

N. Virginia St @ Talus Way

- Ped Activated Rapid Rectangular Flashing Beacons (RRFB)
- Active Advance Warning Flashers
- Pedestrian Refuge Island
- ADA sidewalk, curb and gutter to bus shelter
- Additional Street lighting at crosswalk

N. Virginia St @ Moraine Way

- Ped Activated Rapid Rectangular Flashing Beacons (RRFB)
- Active Advance Warning Flashers
- ADA sidewalk, curb and gutter to bus shelters
- Additional Street lighting at crosswalk



Pedestrian Safety Improvements

Next Steps

- RSA's
- Master Plans (RTC's, locals, etc)
- Transportation Studies

Pedestrian Areas of Concern

Nevada
2015

• Locations



Traffic Safety
Engineering Division

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0 12.5 25 50 75 100 Miles



Pedestrian Areas of Concern

Nevada
2015

• Locations



Boulder City

0 0.5 1 2 3 4 Miles

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