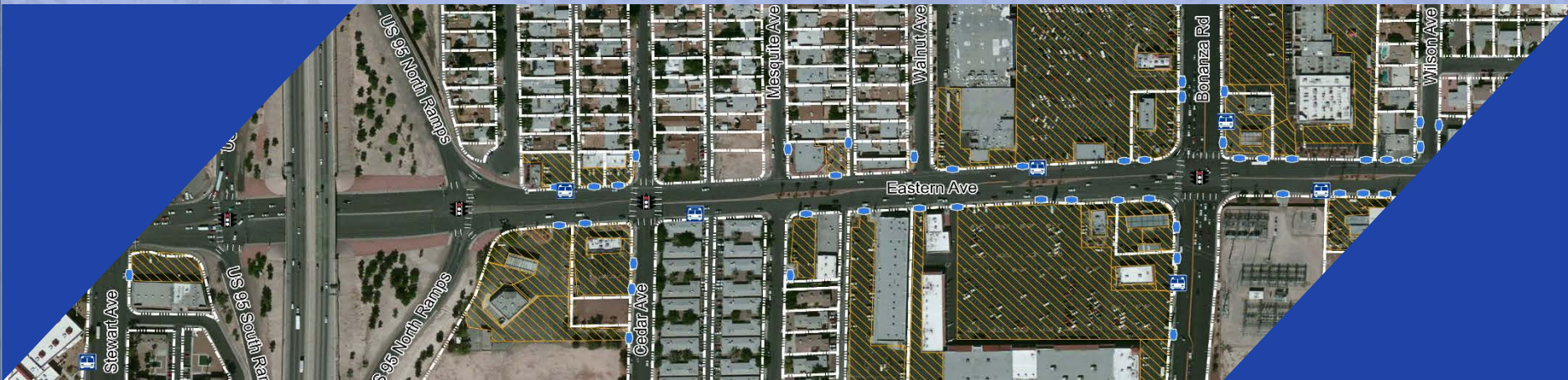




# EASTERN AVE/CIVIC CENTER DR COPE AVE TO US 95 RAMPS

All information presented is preliminary and subject to revision.



PUBLIC INFORMATION MEETING  
MARCH 30, 2016





# WELCOME!

## Commenting on this Project:

- Court reporter is recording presentation and is available to take comments before and after the presentation
- Place comment form in comment box
- Submit comment form by mail to:

Lori Campbell, Nevada Department of Transportation  
1263 S. Stewart St.

Carson City, NV 89712

- Via email to [info@dot.state.nv.us](mailto:info@dot.state.nv.us) (reference Eastern Ave./Civic Center Dr. Safety Management Plan in the subject line)
- Comments accepted until 5:00 p.m. Friday, April 15, 2016



# Project Overview

- **Project Limits:** Eastern Avenue/Civic Center Drive, Cope Avenue to US 95 Ramps
- **Scope:** Safety focused study in which all road users are considered
- **Project Schedule:** Study completed by Summer 2016
- **Goals:**
  - Pedestrian safety improvements including widening sidewalks, lighting and pedestrian crossings
  - Bicycle safety improvements with bicycle lanes and buffered bike lanes when feasible
  - Roadway safety improvements including raised medians and access management to reduce traffic conflict points, and roundabouts when feasible
  - Improvements to transit along the corridor



# Project Limits

Eastern Avenue/Civic Center Drive, Cope Avenue to US 95 Ramps





# Why This Project?

2016-2020 Nevada

# Strategic Highway Safety Plan

Occupant Protection



Always Buckle Up

Impaired Driving



Don't Drive Impaired

Lane Departures



Focus on the Road

Intersections



Stop on Red

Pedestrians



Be Pedestrian Safe

Motorcycles



Ride Safe

**zero**<sup>®</sup>  
**Fatalities**  
*Drive Safe Nevada*





# What is a Safety Management Plan?

- Planning level study
- Safety-focused corridor study
- Focuses on all road users
- Stakeholder and public input
- Prioritized list of short and long range improvements
- Strategic Highway Safety Plan (SHSP) implementation focuses on safety improvement corridors



# Collaboration Efforts for SMP

## Technical Advisory Committee

- Nevada Department of Transportation
- City of Las Vegas
- City of North Las Vegas
- Las Vegas Metropolitan Police Department
- Regional Transportation Commission of Southern Nevada

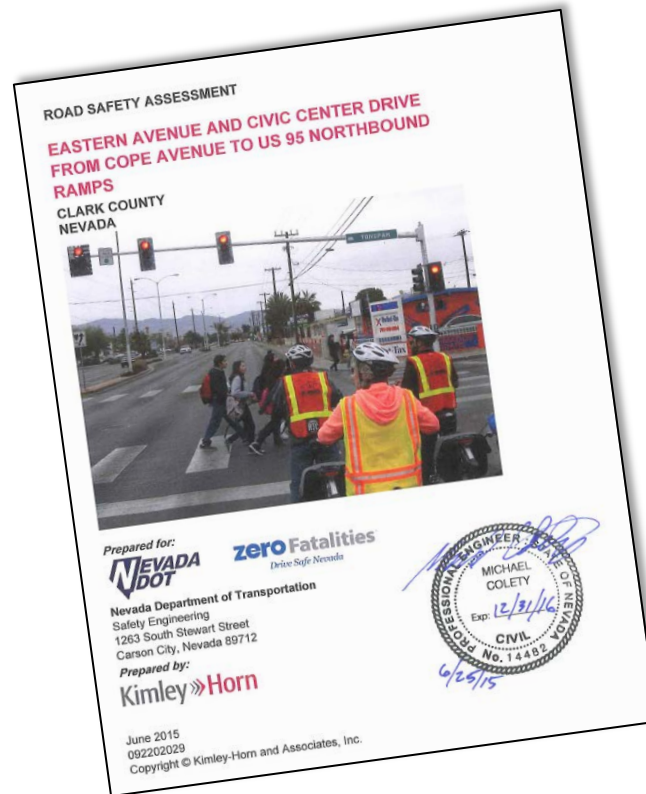






# Project History

- 2014 – High priority corridor based on crash frequency/severity
- 2015 – FHWA Bicycle and Pedestrian Safety Assessment for Nevada





## Existing Conditions

- Three mile corridor within Cities of Las Vegas and North Las Vegas
- North Segment (Yellow): Two lanes in each direction from Lake Mead Boulevard to Cheyenne Avenue
- South Segment (Green): Three lanes in each direction from US 95 to Lake Mead Boulevard
- Annual Average Daily Traffic (AADT) in 2015
  - North Segment: 16,000
  - South Segment: 29,000



# Proposed Improvements

## Short-term, low-cost improvements

- Midblock crossing with pedestrian signals
- Crosswalk improvements with pedestrian signals
- Pedestrian fencing
- Additional street lighting
- Curb modifications at Washington Avenue
- Median modifications





# Proposed Improvements

## Alternative #1

- Median modifications
- Traffic control upgrades
- Pedestrian crossings
- Bicycle lanes

## Alternative #2

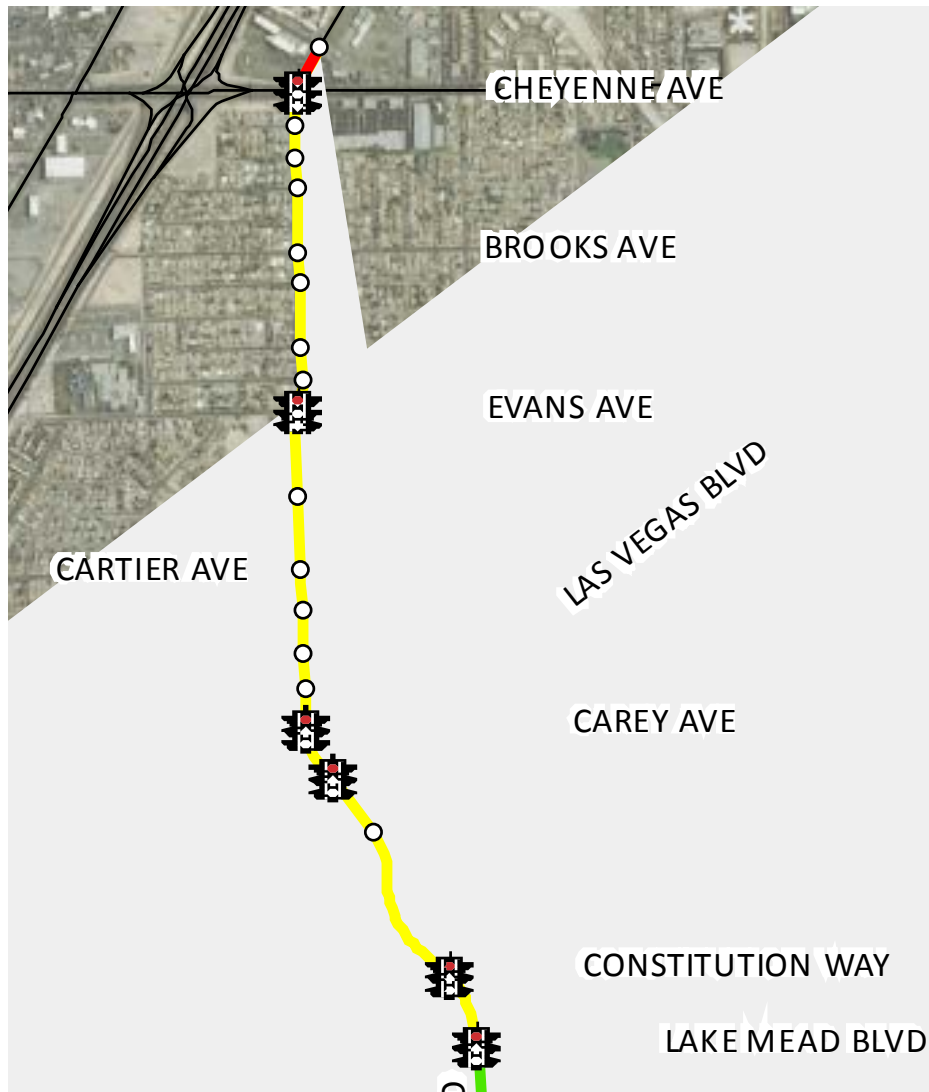
- All improvements in Alternative #1
- Widened sidewalks
- Lane conversion to buffered bike lane
- Driveway consolidation
- Lighting

## Alternative #3

- All improvements in Alternative #1 and #2
- Roundabouts where feasible



# North Segment: Lake Mead to Cheyenne

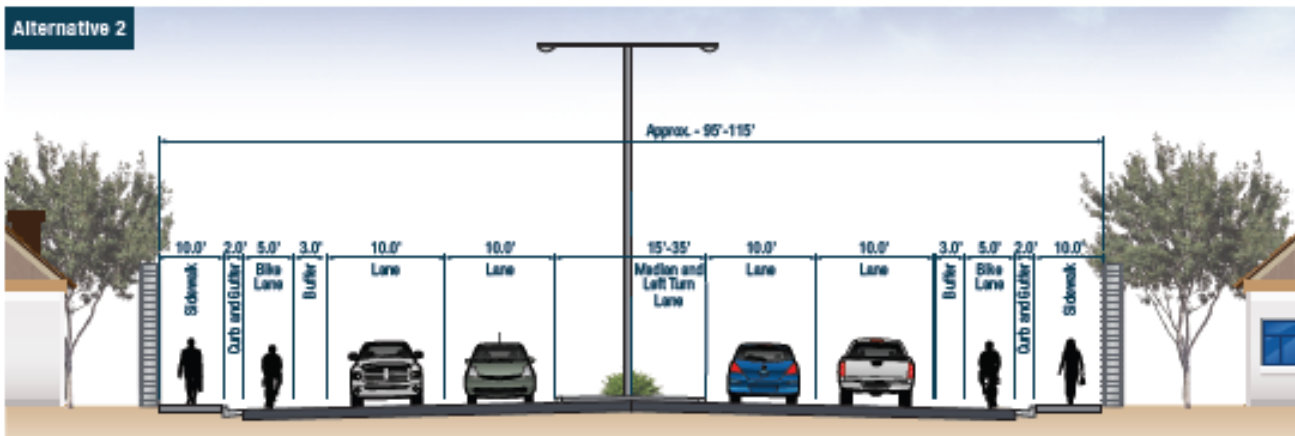
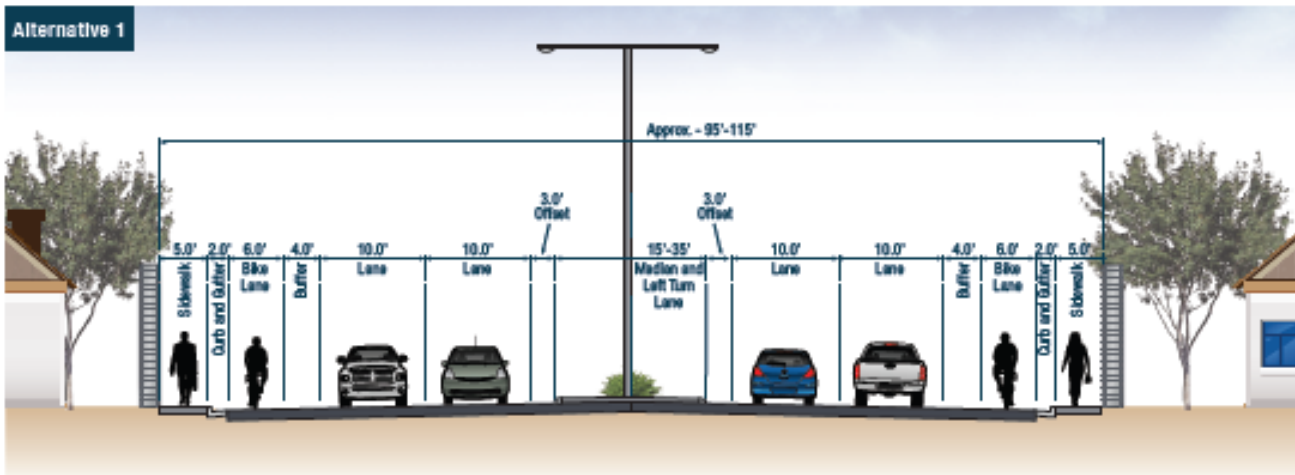


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# North Segment: Lake Mead to Cheyenne

## No On-Street Parking

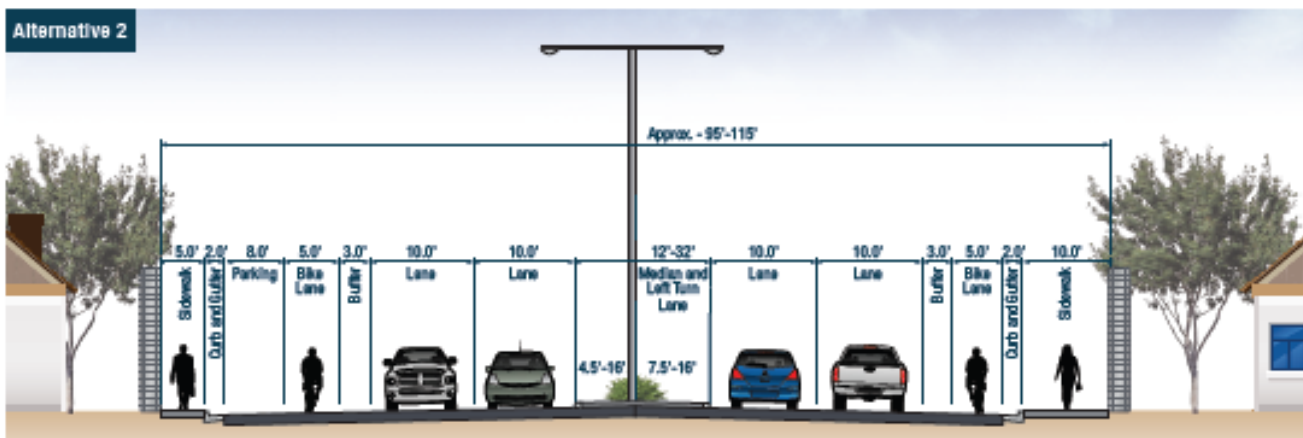
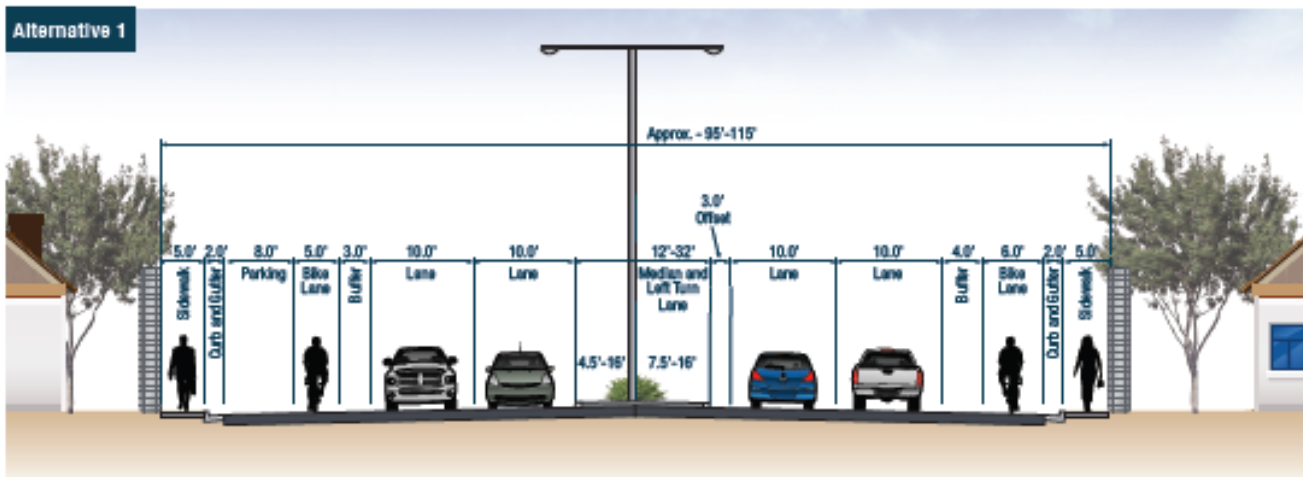






# North Segment: Lake Mead to Cheyenne

## With On-Street Parking





# North Segment: Lake Mead to Cheyenne

## ALTERNATIVE 1 PROPOSED LANE CONFIGURATION

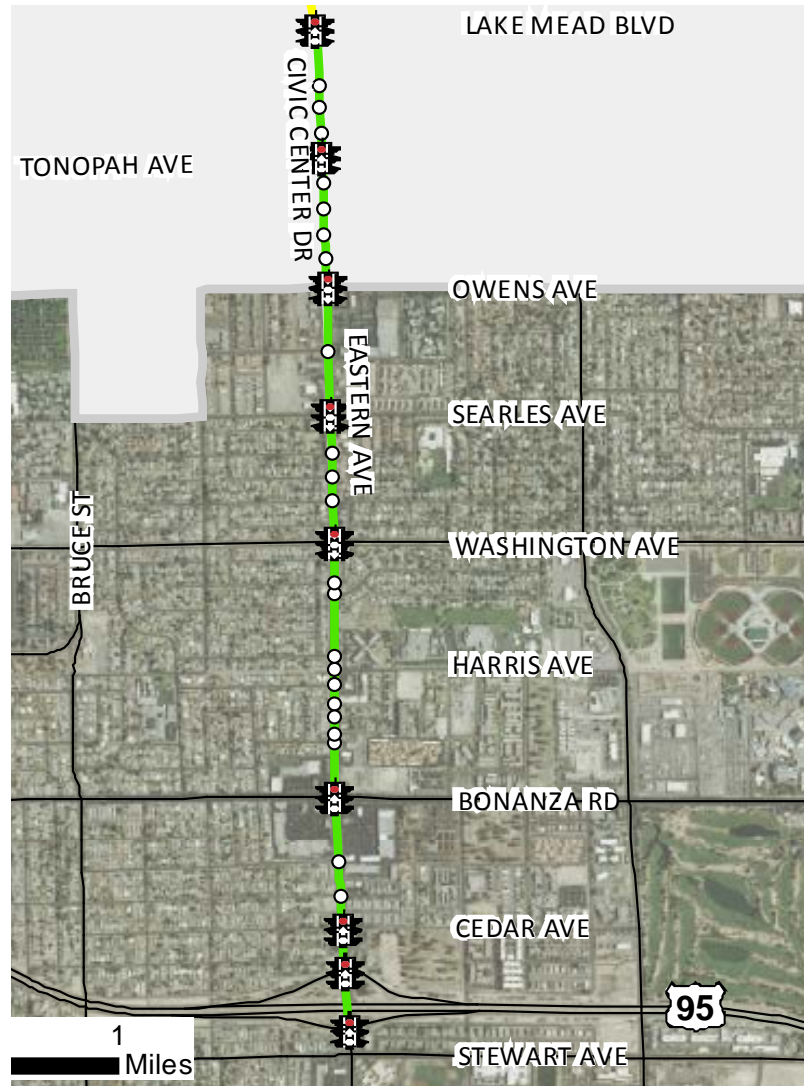
FIGURE 1 OF 4



### EASTERN AVE/CIVIC CENTER DRIVE



# South Segment: US 95 to Lake Mead Blvd

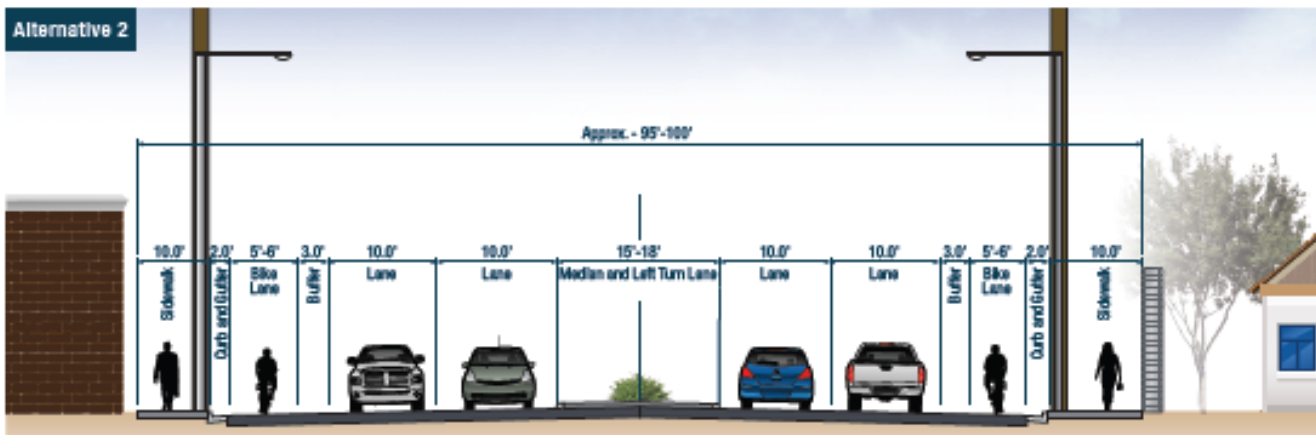
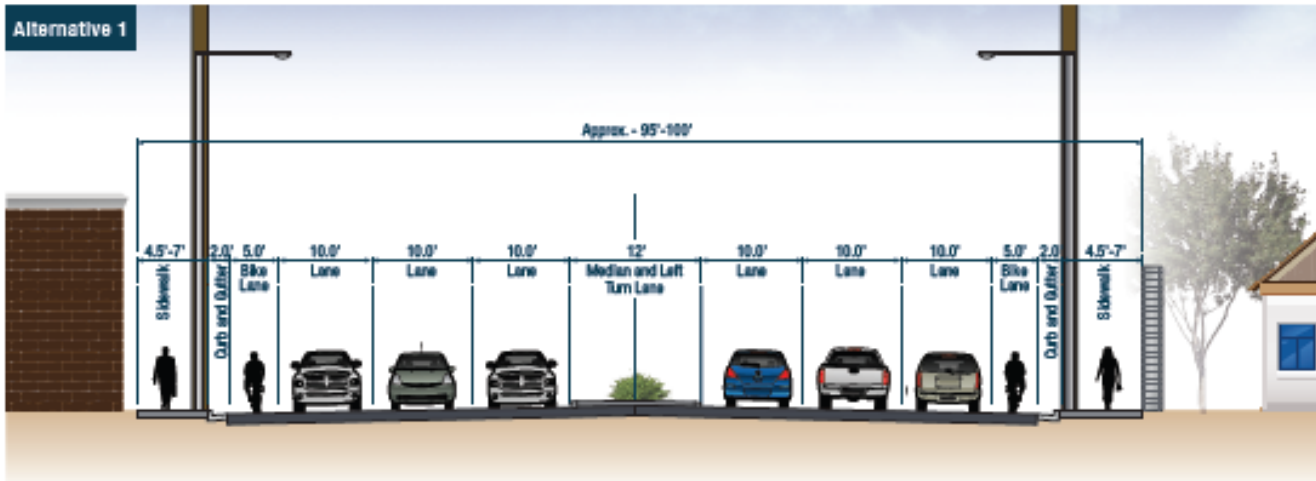


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# South Segment: US 95 to Lake Mead Blvd





# South Segment: US 95 to Lake Mead Blvd

### ALTERNATIVE 1 PROPOSED LANE CONFIGURATION

FIGURE 1 OF 4



### EASTERN AVE/CIVIC CENTER DRIVE



# Corridor Analysis Summary

## North Segment Summary

Alternative	2037 Delay/Vehicle	Predicted Crashes (Yearly Average)	Crash Reduction (%)	Mobility	Cost	ROW Acquisition
No Build	49 s	52.2	N/A	Low	N/A	N/A
Alternative 1	49 s	43.0	9.2 (17.8%)	Medium	Low	No
Alternative 2	49 s	42.8	9.4 (18.2%)	High	Medium	No
Alternative 3	44 s	42.6	9.6 (18.4%)	High	High	Yes

## South Segment Summary

Alternative	2037 Delay/Vehicle	Predicted Crashes (Yearly Average)	Crash Reduction (%)	Mobility	Cost	ROW Acquisition
No Build	43 s	144.4	N/A	Low	N/A	N/A
Alternative 1	43 s	111.7	32.7 (22.6%)	Medium	Low	No
Alternative 2	85 s	94.1	50.3 (34.8%)	High	Medium	No
Alternative 3	82 s	93.6	50.8 (35.2%)	High	High	Yes



# Questions?

## Mail

Lori Campbell

Nevada Department of Transportation

1263 S. Stewart St.

Carson City, NV 89712

## Email

[info@dot.state.nv.us](mailto:info@dot.state.nv.us)

(reference Eastern SMP in  
your subject line)







## Open Comment Period

- Please state your full name and address prior to your question or statement
- Three-minute verbal comment per individual
- A court reporter will be recording the presentation and is available to take comments before and after the presentation





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