

2022 Nevada Transportation Conference

NDOT Future Projects

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SOUTHERN NEVADA PROJECTS



I-15 South Sloan to Warm Springs – Phase 2B



- Widen I-15 to 8 lanes from Blue Diamond to Sloan Interchange
- Includes Auxiliary lanes and HOV lanes
- Final Design Complete/Advertising: Early 2023
- Construction: 2023 - 2025

I-11/I-515/CC-215 Henderson Interchange



Purpose and Need

- Resolve existing roadway deficiencies in the Henderson Interchange and surrounding roadways;
- Provide transportation improvements to serve existing and future growth areas;
- Restore local traffic connectivity;
- Improve safety and travel time reliability

Project Timeline

- NEPA completion August 2022
- Preliminary Design/ DB procurement 2022 – 2023

I-11/I-515/CC-215 Henderson Interchange



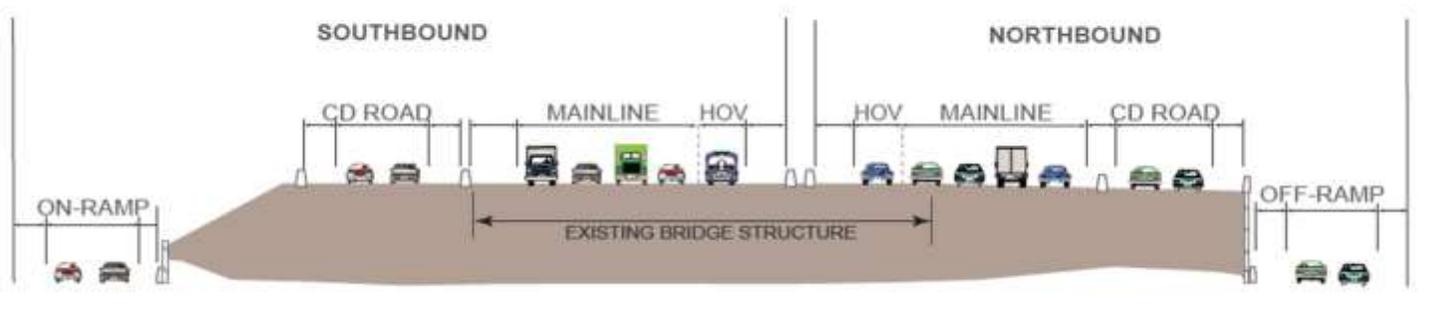
Proposed Improvements

- Crossover style system interchange
- Braided ramps to Gibson Road and Auto Show Drive
- Reconnection of Lake Mead Parkway and Gibson Road
- Aux Lanes between I-11, Horizon Drive, and the System Interchange

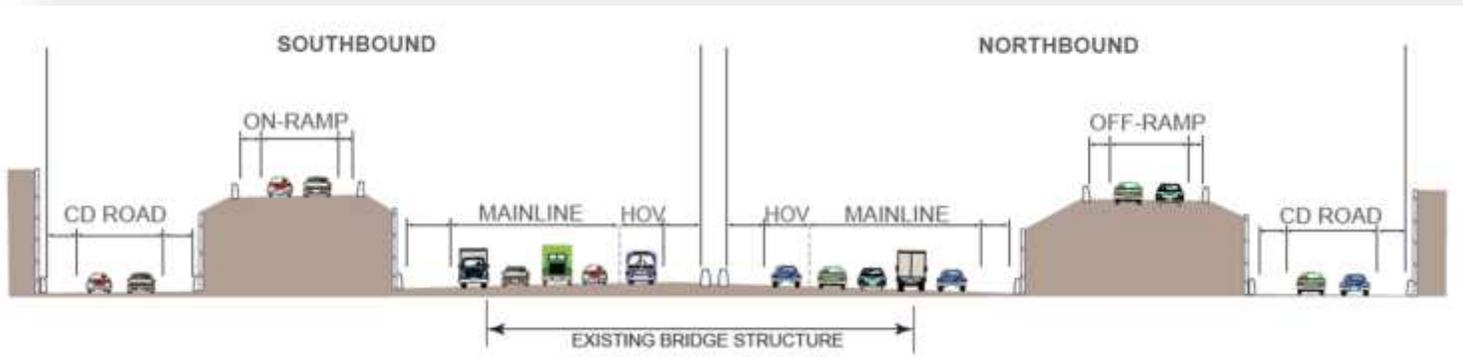
Downtown Access Project



Downtown Access Project



North and South Alternative

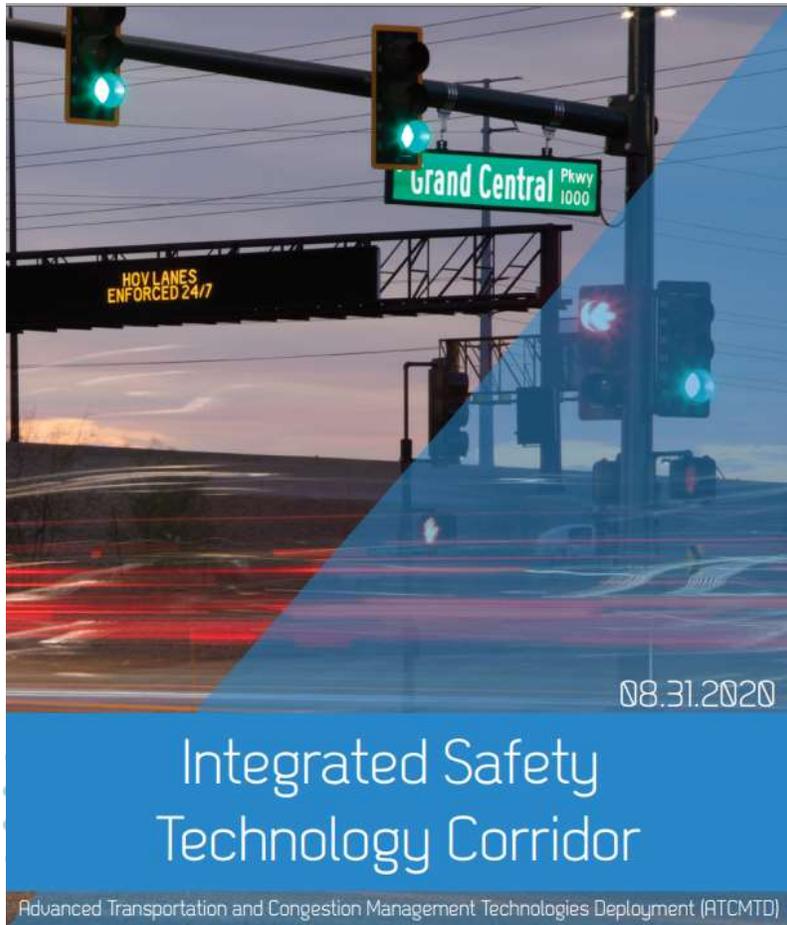


Recessed Alternative

Proposed Improvements:

- Collector Distributor roads between I-15 and I-515
- Extend HOV network to I-515
- HOV Interchanges at Maryland Pkwy and City Pkwy
- Improved bike & ped mobility
- Improved L&A
- Added freeway capacity
- Multiple build alternatives being evaluated

Advanced Transportation and Congestion Management Technology Deployment (ATCMTD)



ATM

Active Traffic Management: Lane management and variable speed limits
Reduce crashes, fatalities and injuries, reduce congestion and improve reliability, reduce emissions, public access to real-time integrated information, and cost savings

WWDWS

Wrong-Way Driver Warning Systems: Driver is immediately and aggressively warned by beacons
Reduce fatalities and injuries, Cost savings

STMS

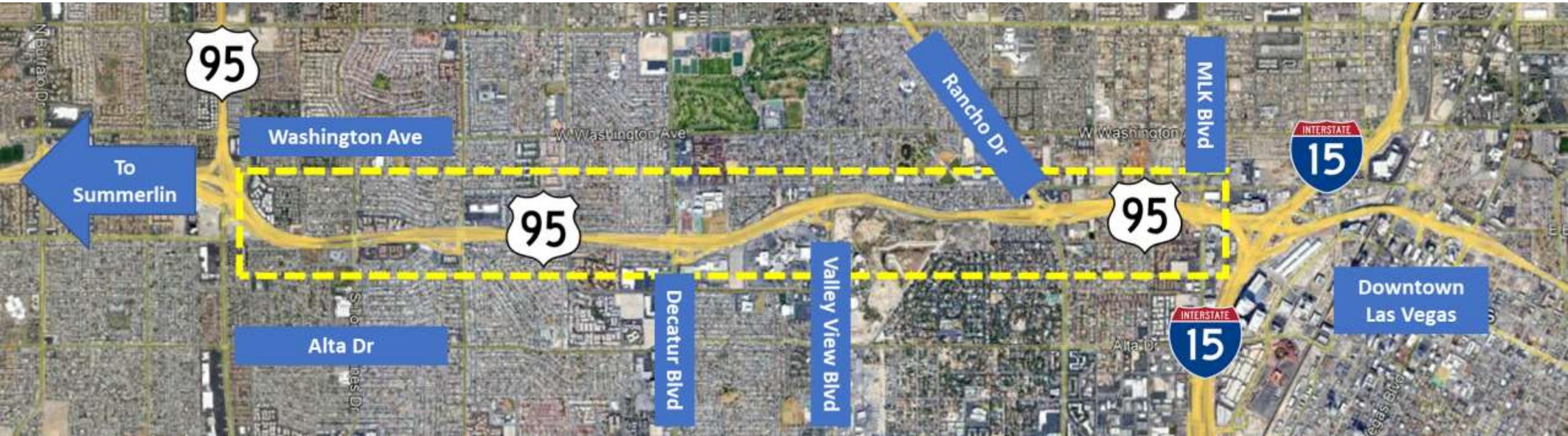
Strategic Traffic Management Sites: Posted messages and law enforcement vehicles at key locations
Reduce crashes, fatalities and injuries, reduce congestion and improve reliability, reduce emissions, cost savings

HOV
Detection

High-Occupancy Vehicle Detection: Vehicle Occupancy and HOV performance
Reduce congestion and improve reliability, reduce emissions, optimize multi-modal performance, improve access to alternatives, cost savings

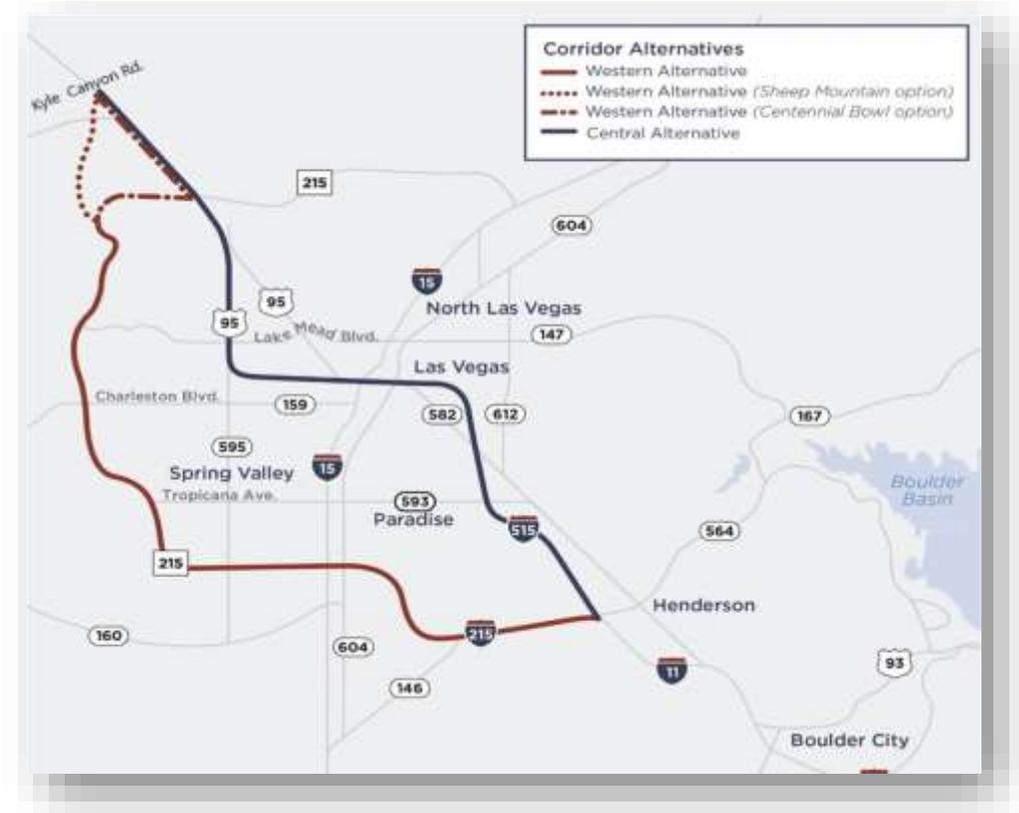


Advanced Transportation and Congestion Management Technology Deployment (ATCMTD)



I-11 Las Vegas Corridor Study

- I-11 PEL Study will identify corridor alternative for Interstate I-11 through the Las Vegas metropolitan area
- Henderson Interchange to Kyle Canyon Road on US 95
- Western Corridor Alternative (I-215 and CC 215)
- Central Corridor Alternative (I-515 and US 95)



I-15 Central Corridor

- Feasibility Study recently completed – Fall 2021
- I-15 from Sahara Avenue to Flamingo Road
- Optimize efficiency & traffic capacity of I-15 & adjacent interchanges
 - Sahara Ave, Spring Mountain Rd, Flamingo Rd
- Improve safety for pedestrians and automobiles
- Inclusion MLK Extension along westside of I-15
- NEPA to begin End 2022 – Early 2023



NORTHERN NEVADA PROJECTS



Reno Spaghetti Bowl



*Information is preliminary and subject to change.



Reno Spaghetti Bowl – Phase 2

Proposed Improvements:

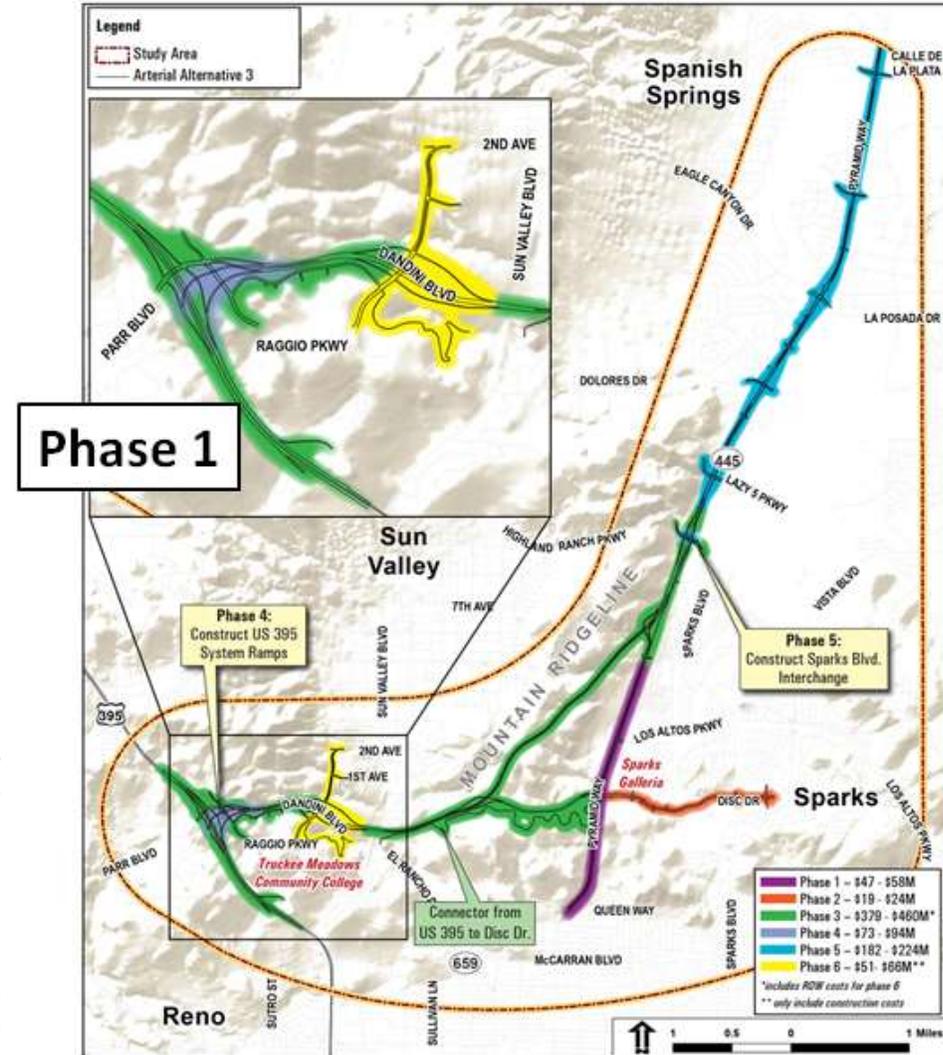
- Provide 2.5 miles of additional capacity from east of Spaghetti Bowl to East McCarran Blvd
- 4th/Prater and Rock Blvd access will be combined at new Kietzke Interchange
- Frontage roads will connect Kietzke and Rock Blvd
- 16 new structures
- Preliminary Design 2021 - 2022



US 395-Pyramid Highway Connector – Phase 1

Phase 1 Improvements

- Widen 1.6 miles from Queen Way to Los Altos Parkway from four to six lanes
- Reconstruct 0.75 miles of four-lane roadway from Los Altos Parkway to Golden View Drive
- Install smart traffic signals, bicycle lanes, sidewalk, shared-use path, screening/sound walls and enhanced drainage infrastructure



US 395-Pyramid Highway Connector – Phase 1



- Final design: fall 2019 – summer 2022
- Construction: spring 2023 – winter 2025
- \$55 M - \$60 M - Construction
- \$23 M federal BUILD grant
- Other federal, state, and local funds

US 395 North Valleys (Phases 1b & 2)

PHASE 1b IMPROVEMENTS

*Anticipated to bid in December 2022, construction in 2023



Widening of U.S. 395 to three lanes between North McCarran Blvd. and Golden Valley Rd

- Construct auxiliary merging lanes between freeway ramps in both directions



- Construct a northbound “braided” freeway ramp between the Panther Valley on-ramp and Golden Valley Road

Note: Information is preliminary and subject to change

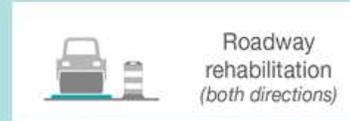
PHASE 2 IMPROVEMENTS

*Anticipated construction in 2026.



Improvements on US 395 from Golden Valley interchange to Stead interchange

- Signaling Golden Valley interchange
- Roadway rehabilitation in both directions



- Add one general purpose lane in each direction



Note: Information is preliminary and subject to change









I-80 East Vista Blvd to USA Parkway



- I-80 Corridor Study completed in Jan. 2020
- Identified the need for I-80 between Sparks and Tahoe-Reno Industrial Center (TRIC)
- NDOT conducted additional scoping/safety analysis to for the 13-mile corridor
 - Widening from 4 to 6 lanes, shoulders for emergency access
 - Interchange and ramp improvements
- NEPA (Environmental Assessment) – TBD
- Anticipated construction - TBD