

# BOULDER HIGHWAY PROJECT

## BACKGROUND

Boulder Highway (State Route 582) was originally constructed in 1931 to link the Five Points area (The intersection of Charleston Boulevard and Fremont Street near downtown Las Vegas to Railroad Pass in Henderson). It later was extended to provide workers access to Hoover Dam.

Throughout the decades, it was a heavily traveled and vibrant corridor, lined with motels, casinos, and other businesses with signalized and unsignalized intersections along the route. Businesses sputtered when U.S. 95 was extended in the 1980s.

Despite this change, the 15.4-mile corridor remains a critical transportation corridor and was identified by the City of Henderson as a priority for improvements to enhance safety and mobility along the arterial.



## WATER CONSERVATION

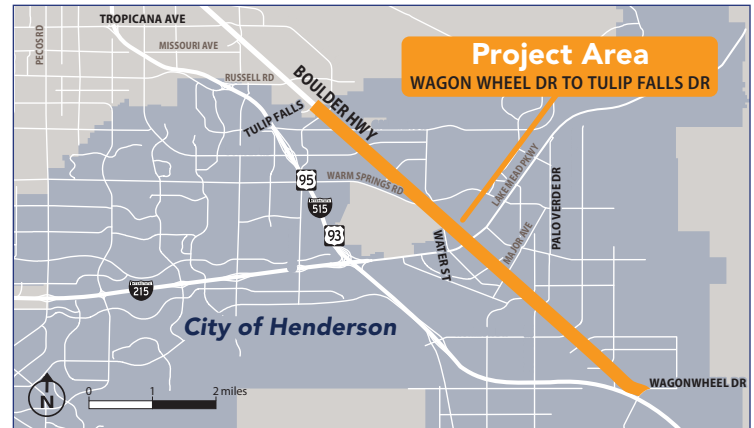
In addition to making traffic and safety improvements, the Reimagine Boulder Highway project will meet our area's critical conservation needs and regulations, including Assembly Bill 356, which prohibits the use of Colorado River water to irrigate useless, non-functional turf and landscape, including in public right of ways and street medians. Trees and grass in the Boulder Highway median are currently being removed to achieve the project goals and conservation goals. When the project is complete, the center transit line will occupy the median, improving pedestrian safety and traffic flow. Additionally, trees that are diseased, water-thirsty and do not provide shade were removed or will be removed and replaced with water-smart desert landscaping.

### Conservation Effort Results

- 505,395 square feet of useless grass being removed or converted to desert landscape to meet AB356
- 88 palm trees removed
- 307 trees removed from the median; 98 removed from alongside the roadway
- 46,504,914 gallons of water will be saved annually

## ABOUT THE PROJECT

The proposed design and construction concept aims to transform the 7.5-mile segment of Boulder Highway between Tulip Falls and Wagonwheel Drive into a complete streets design. Based on the feedback of the public and businesses along the corridor, engineers are looking to change the perception of Boulder Highway from a high-speed, motor vehicle-oriented roadway to a calmer, safer travel corridor friendly for pedestrians, bicycles, and cars.



## WHAT ARE THE BENEFITS?

The Reimagine Boulder Highway concept has many benefits that will keep pedestrians, motorists, cyclists, and transit passengers safer along the corridor:

- Reduced travel lanes to four, calming traffic
- Designated bus transit lanes
- Signalized mid-block crossings
- Raised/buffered bike lanes
- Improved lighting
- Widened sidewalks
- Potential for open space and parks



## FUNDING

The City of Henderson, RTC, NDOT and other local entities in Clark County have a well-established precedent of building large, high-priority projects on local roads with regional impact on transportation across many jurisdictions, using a mix of funding sources and participating funding partners.

To get the funding necessary to build the project, the respective policy boards and private utility companies and stakeholders may have to agree that the project is a high enough priority that other competing projects in their respective capital improvement budgets might need to be delayed so that the Reimagine Boulder Highway concept can proceed.