



Southern Nevada HOV Plan

FACT SHEET

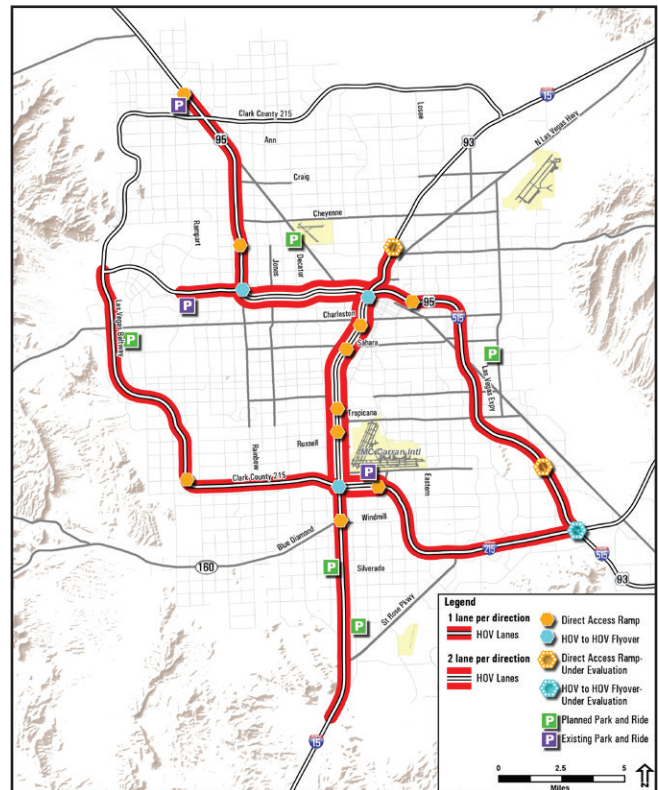
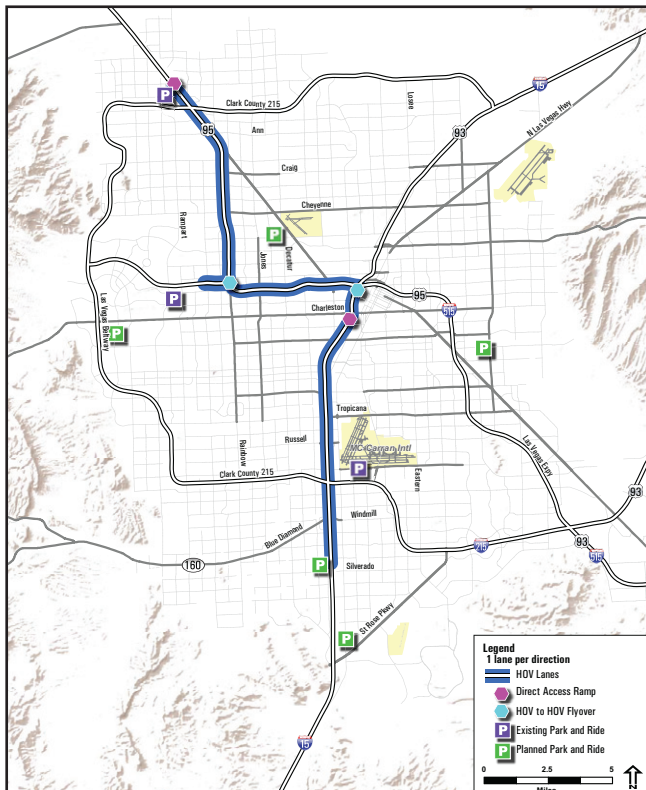
The Nevada Department of Transportation has updated the Southern Nevada High-Occupancy Vehicle (HOV) Plan. The purpose was to update the previous plan (completed in 2007) based on the current conditions in Southern Nevada, including recently completed projects and Project NEON, and use the most recent analysis tools. Implementation of HOV lanes, or carpool lanes, is one method of maintaining mobility in congested freeway corridors.

The HOV plan update focused on the near-term HOV system in Southern Nevada, including Project NEON's direct connector between I-15 and US 95 and the conversion of existing I-15 express lanes to one HOV lane and one additional general purpose lane. In addition, evaluations and recommendations for the long-term HOV system, direct access ramp locations, and operations of the HOV system were included. The HOV system was evaluated utilizing the Southern Nevada RTC's 2035 Regional Travel Demand Model with the Mode Choice Element.



Near-Term HOV System

Long-Term HOV System



What is a High Occupancy Vehicle (HOV) lane?

An HOV lane is dedicated to the exclusive use of HOVs including buses, carpools, vanpools, or a combination thereof, for at least a portion of the day. HOV lanes, the most common type of managed lanes, emphasize person movement rather than traditional vehicle movement, which in turn improves the highway's ability to move more people in fewer vehicles. When operated and managed at a high level of service, HOV lanes reduce peak-period travel time compared to the adjacent general-purpose lanes and can move substantially more commuters than general-purpose lanes during peak demand periods when priority must be assigned to the highest and best use.

What are the benefits to you?

Save Time: HOV lane users experience less congestion, arriving at their destinations more quickly than those who do not carpool

More Reliable Commute: More consistent commute times

Save Money: Costs less to ride a bus or to share a ride than to drive alone every day

Conserve Fuel: Consume less fuel by avoiding congestion

Less stress: Alternating drivers gives carpoolers a chance to relax on the commute

What are the benefits to your community?

Managing Congestion: An HOV lane can serve more people than a general-purpose lane

Better Use of Infrastructure: One highway lane can carry 1,500-2,200 vehicles per hour; HOV lanes move many more people with buses and carpools

Transit Priority: Buses and transit riders have priority

Providing Choices: HOV lanes make carpooling and public transit more effective and reliable choices

Supporting mobility: Taxicabs and airport limousines that use HOV lanes will be able to return to duty faster

For comments or questions about this project, contact:

Jeff Lerud, PE, Project Manager
Nevada Department of Transportation
1263 S. Stewart Street
Carson City, NV 89712
Phone: (775) 888-7589
Email: jlerud@dot.state.nv.us

Rev. 11/16/15