

Spring 2019

I-515 ALTERNATIVES DEVELOPMENT STUDY



ABOUT THE STUDY



NDOT initiated the I-515 Alternatives Development Study in October 2015. The purpose of the I-515 Study is to improve traffic flow and safety on I-515 between I-15 (the Spaghetti Bowl) and the Charleston Boulevard Interchange by implementing near-term and cost-effective transportation improvements that are compatible with other future improvements.

Goals

The goals of this study include the following:

- Improve traffic flow
- Improve safety
- Do not preclude long-term improvements
- Minimize property acquisition
- Minimize environmental impacts
- Improve access to downtown Las Vegas
- Have independent utility and logical termini
- Improve mobility during special events
- Maintain or improve multimodal connections
- Be compatible with adopted plans

*All information presented is preliminary and subject to revision

FAQ

Why is NDOT conducting this study?

Traffic backups repeatedly occur during peak travel periods as a result of high volumes, bottlenecks, and higher than average crash rates. NDOT initiated this study to identify near-term and cost-effective concepts to improve traffic flow between I-15 and Charleston on I-515.

What will this study accomplish, and when?

NDOT anticipates that at least one project will be constructed by the year 2025.

Get involved in the I-515 Study:



Ask questions directly to the project team



Sign up to receive updates at www.nevadadot.com/I-515study



Visit us online to learn more about the I-515 study and to download materials: NevadaDOT.com



Contact us! Call or email Project Manager Rick Splawinski: (775) 888-7317 rsplawinski@dot.nv.gov

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- Year 2016:** The study identified 35 conceptual improvements for consideration along I-515 and recommended six projects for further development and benefit-cost analysis. The concept to provide an auxiliary lane northbound and southbound between Eastern Avenue and Charleston Boulevard was combined with the I-515/Charleston Boulevard Interchange Improvements project.
- Year 2017:** A Concept Report with Planning to Environmental Linkages (an approach to shorten the time to take a project from planning to implementation) was completed for the six projects identified for further development.
- Year 2018:** The Southbound Auxiliary Lane was combined with the Viaduct Rehabilitation Project and advanced to the final design stage.
- Year 2019:** The Downtown Access Project was initiated to further evaluate I-515 capacity and access improvement concepts through downtown Las Vegas.



PROJECT

STATUS

City Parkway Exit Ramp	Single movement ramp does not satisfy 2017 FHWA access criteria; change in interstate access denied by FHWA
Las Vegas Blvd & Casino Center Boulevard Interchange Improvements	For future consideration in coordination with capacity improvements along this section of I-515
Eastern Avenue Interchange Improvements	For future consideration in coordination with capacity improvements along this section of I-515
I-515 SB Auxiliary Lane	Advanced to final design; construction programmed for 2021
Pecos Road Interchange	For future consideration in coordination with capacity improvements along this section of I-515
Braided Ramps/CD Road between Las Vegas Boulevard and I-15	For future consideration in coordination with capacity improvements along this section of I-515



Current Activities

The study is supporting the Downtown Access Project to further evaluate I-515 capacity and access improvement concepts and viaduct replacement strategies through downtown Las Vegas, and to determine the level of environmental documentation required.

What's Next?

Advance selected concepts identified in the study by implementing corridor projects such as the I-515/Charleston Boulevard Interchange Improvements and the I-515 Southbound Auxiliary Lane and Viaduct Rehabilitation Project, and continue development, refinement, and evaluation of corridor capacity and access improvement concepts such as the Downtown Access Project.