

I-515 SOUTHBOUND AUXILIARY LANE AND VIADUCT REHABILITATION PROJECT

ABOUT THE PROJECT



The I-515 Southbound Auxiliary Lane and Viaduct Rehabilitation Project has a dual objective:

- 1.** To improve traffic operations and safety on I-515 Southbound in a near-term, cost-effective manner, by narrowing the lanes and shoulders and adding a southbound auxiliary lane from the I-15 Spaghetti Bowl Interchange to Eastern Avenue.
- 2.** To rehabilitate the existing downtown viaduct by patching and overlaying the deck surface, reconstructing a hinge at the I-515 southbound exit to Casino Center Boulevard, and strengthening the pier columns to withstand earthquake forces.

Goals

The goals of this project include the following:

- Improve traffic flow
- Improve safety
- Extend the useful life of the existing viaduct structures
- Avoid property acquisitions
- Minimize environmental impacts
- Be compatible with Project Neon and proposed I-515 improvements at Charleston Boulevard

FAQ

Why is NDOT implementing this project?

Traffic backups repeatedly occur on I-515 Southbound in downtown Las Vegas as a result of heavy traffic, bottlenecks, and higher than average crash rates. Meanwhile, the existing viaduct structures are old, and in need of repair.

What will this project accomplish?

This project will improve traffic flow on I-515 Southbound by narrowing the existing lanes and shoulders in order to add a southbound lane from I-15 to Eastern Avenue without widening the freeway, and will rehabilitate the existing downtown viaduct structures to extend their service life until such time as the I-515 Freeway can be more substantially upgraded.

Schedule

The I-515 Southbound Auxiliary Lane and Viaduct Rehabilitation Project is presently under design, with design completion scheduled for 2020. Construction is anticipated to begin in early 2021 and be completed in mid-2022.

Get involved in the I-515 Southbound Auxiliary Lane Project:



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 this project and to download materials: NevadaDOT.com



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