



Washoe County Board of Commissioners

Sajid Sulahria, P.E. NDOT Project Management

November 17, 2020

RENO SPAGHETTI BOWL

PROJECT GOALS

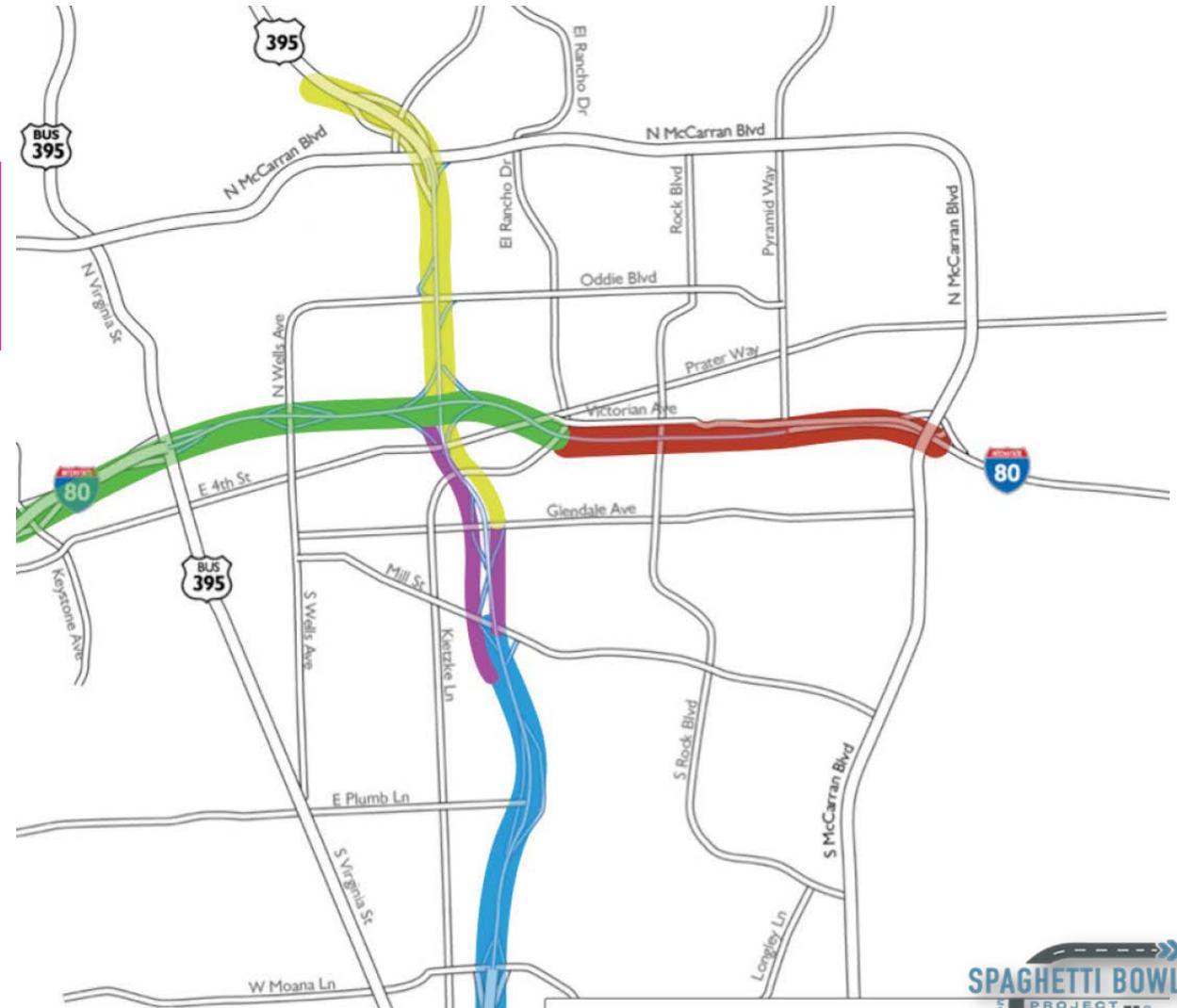
- Improve safety
- Reduce congestion
- Reduce travel delays
- Improve air quality
- Improve freeway operations
- Reduce weaving



- *Busiest interchange in northern Nevada (260,000 vehicles/day)*
- *Crash rates throughout the project limits nearly 150% of the statewide average*

PLANNED PROJECT PHASING

- Phase 1 Spaghetti Bowl Xpress (2020-late 2022)
- Phase 2 (2024-2028)
- Phase 3 (2028-2034)
- Phase 4 (2035-2037)
- Phase 5 (2037-2039)



INVESTMENT NEEDS

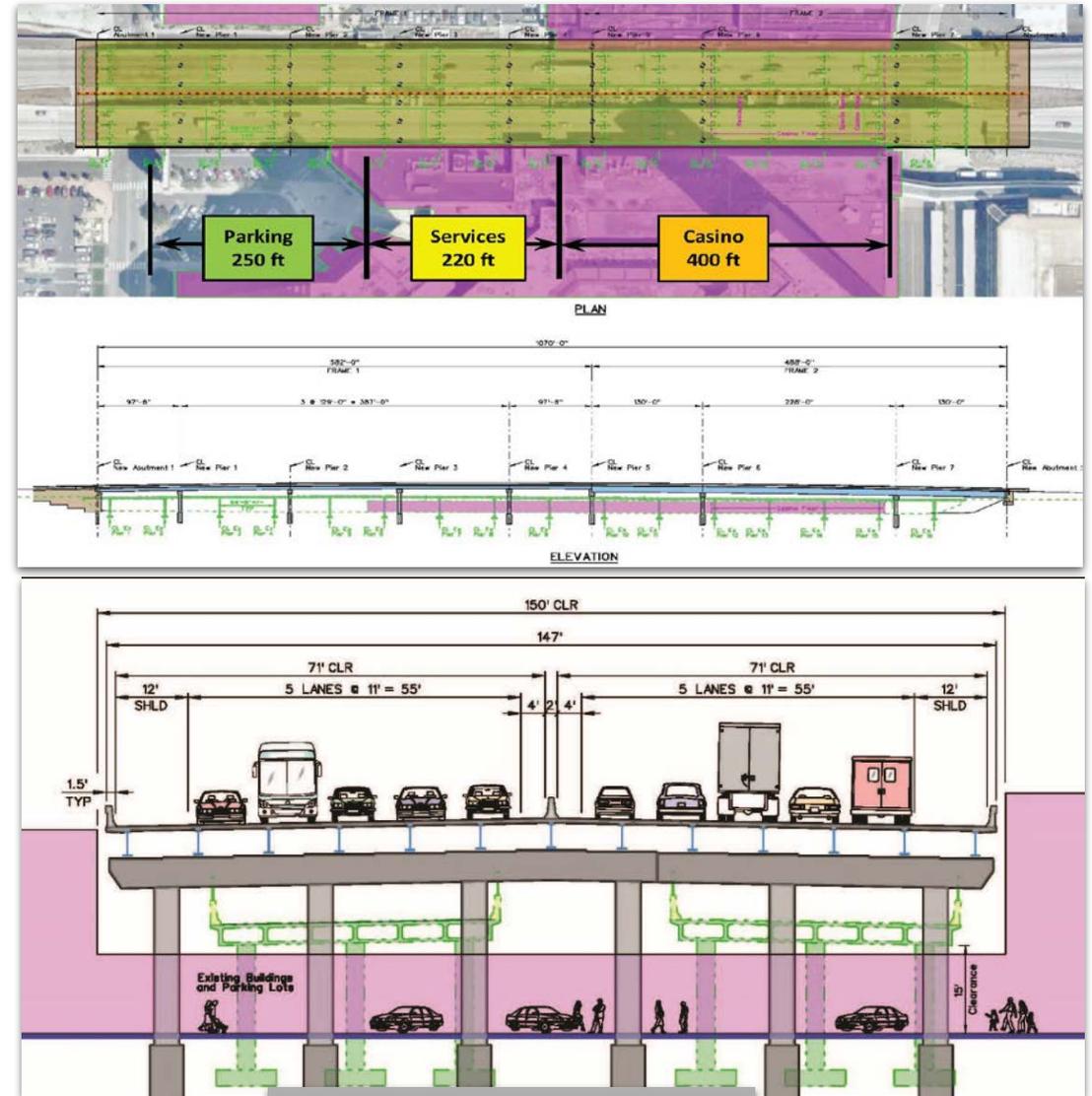
Project's Estimated Investment

- Project Development
- Design Engineering
- Right-of-Way Acquisitions
- Construction
- Construction Management

Major Price Factors

- Adjacent Development and Uses
- Nugget Viaduct
- Truckee River / Railroad
- System Interchange

Estimated to exceed \$2 Billion



Nugget Viaduct



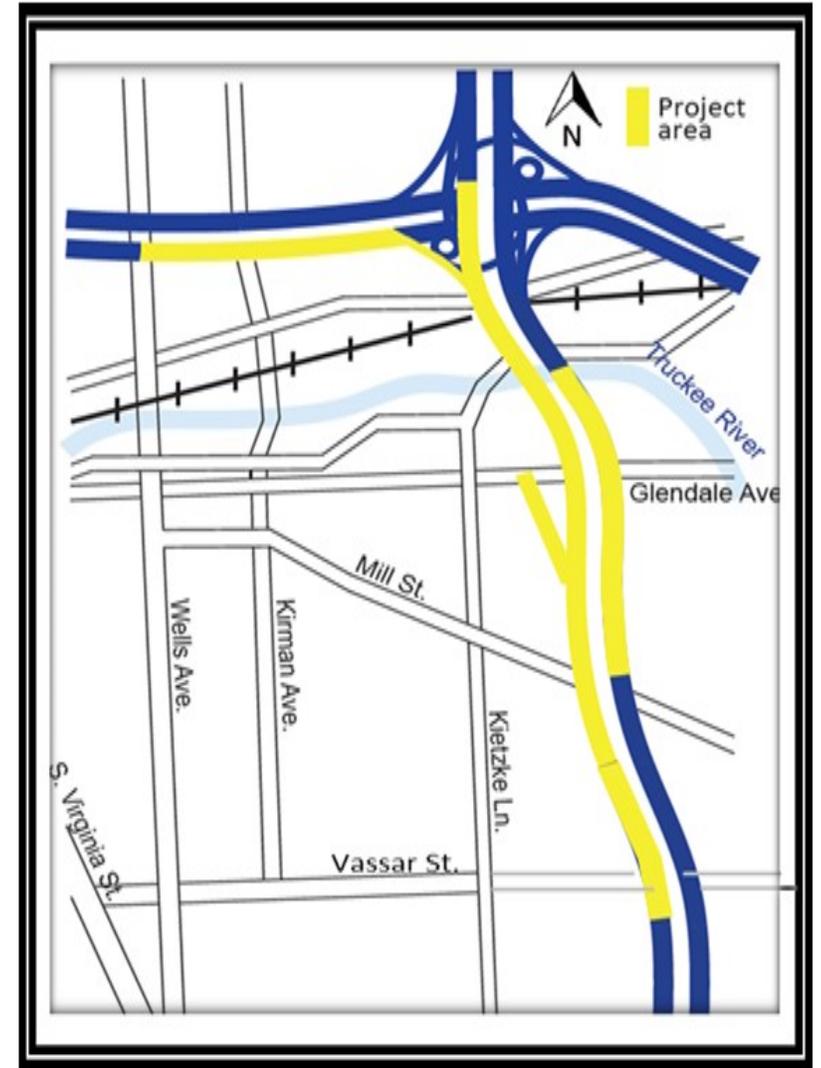
SPAGHETTI BOWL



Phase 1, SBX Update

Project’s Major Construction Features

- Reconfigure I-80 eastbound entrance and exit ramps between Wells Avenue and the Spaghetti Bowl.
- Widen the I-80 eastbound to I-580 southbound ramp to two lanes.
- Reconfigure and widen I-580 southbound through the Spaghetti Bowl to accommodate 3 lanes.
- Construct a minimum of 4 lanes plus auxiliary lanes between the Spaghetti Bowl and Vassar Street.
- Construct new, replace or widen 7 bridges.
- Reconstruct 2nd/Glendale and Mill Street southbound entrance and exit ramps.
- Replace portions of I-580 northbound pavement.



Notable Project Challenges

- Minimize impact to motorist during major freeway reconstruction.
Limited number of alternate routes.
- Major bridge demolition and construction over the Truckee River.
408 Permit requirements and seasonal restrictions.
- Avoid delays attributed to railroad agreement approvals.
Railroad agreements and design-build contracting.
- Bridge demolition and construction over local roadways.
Limiting impacts to users and businesses.
- Minimize impacts to stakeholders and businesses.

2020 (DECEMBER)

- Utility work near RSIC
- RSIC neighborhood walls
- I-580 northbound paving
- Eastbound I-80 to northbound U.S. 395 bridge reconstruction
- Eastbound I-80 to southbound I-580 ramp work



Q1 2021 (JANUARY, FEBRUARY, MARCH)

- Utility work near RSIC
- RSIC neighborhood walls
- Southbound traffic control for bridge work at 2nd St. and Mill St.
- Eastbound I-80 to northbound U.S. 395 bridge reconstruction
- Eastbound I-80 to southbound I-580 ramp work
- Roadway ramps near RSIC

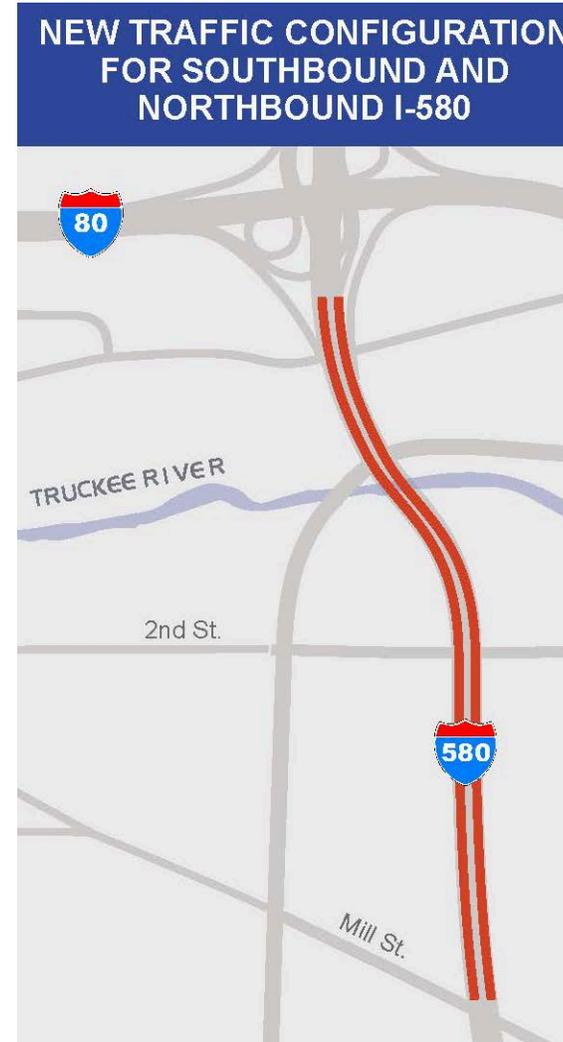


NOTE: Operations are anticipated and subject to change. Work is weather-dependent

UPCOMING TRAFFIC CONTROL

Week of November 15

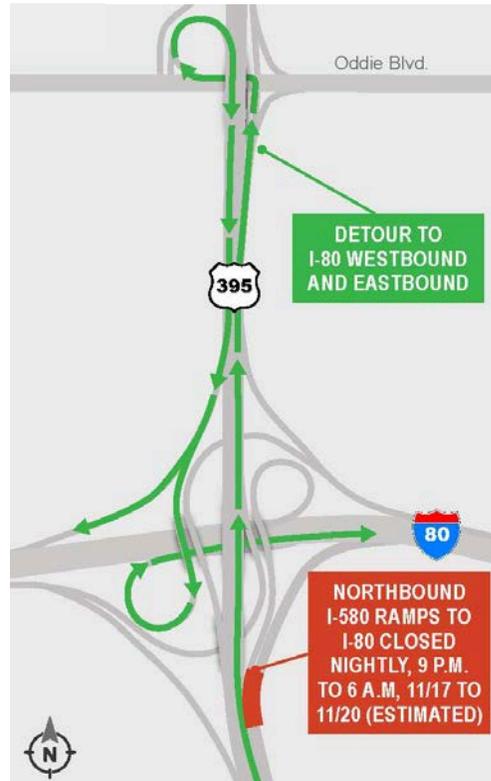
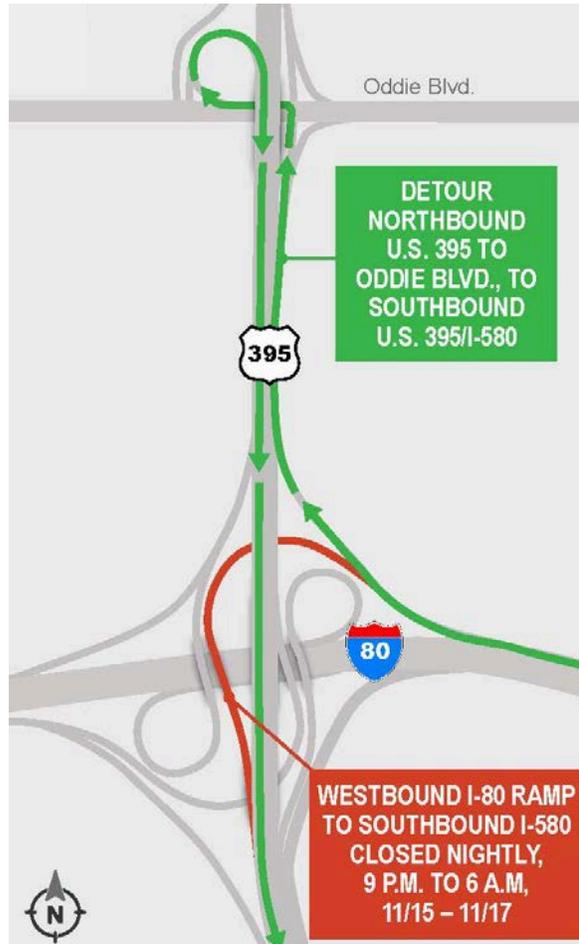
- Phase 1C: Construction widening on I-580 between Mill St. and Plumb Ln.
- Northbound returns to pre-construction configuration
- Overnight interstate ramp closures and lane shifts on northbound and southbound



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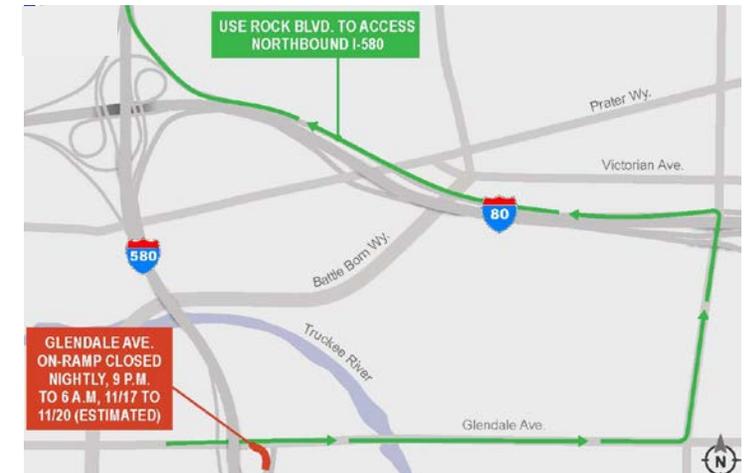
UPCOMING TRAFFIC CONTROL

Nov. 15 to 17 Overnight closure of westbound I-80 to southbound I-580



Nov. 17 to 20 Intermittent nightly ramp closures:

- Northbound I-580 to I-80 (east and west), Mill St. and Glendale Ave. off-ramps
- Mill St. on-ramp to northbound I-580
- Glendale Ave. on-ramp to northbound I-580

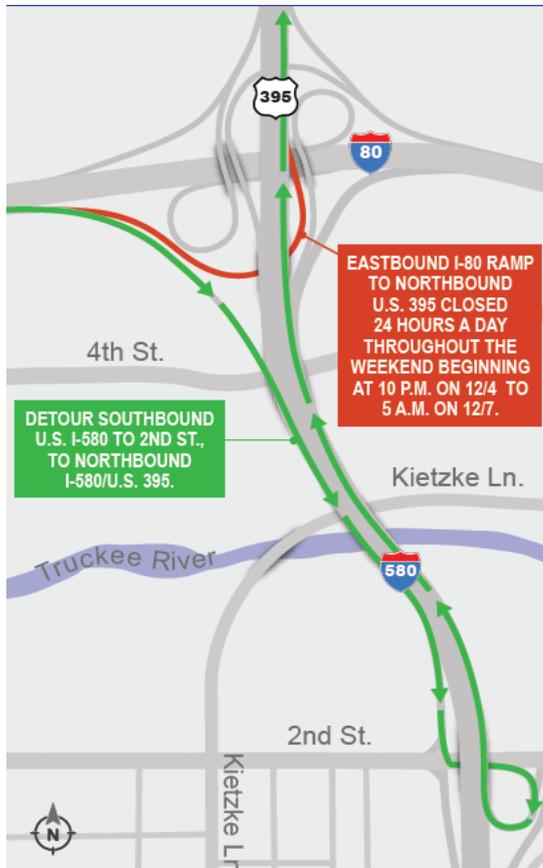


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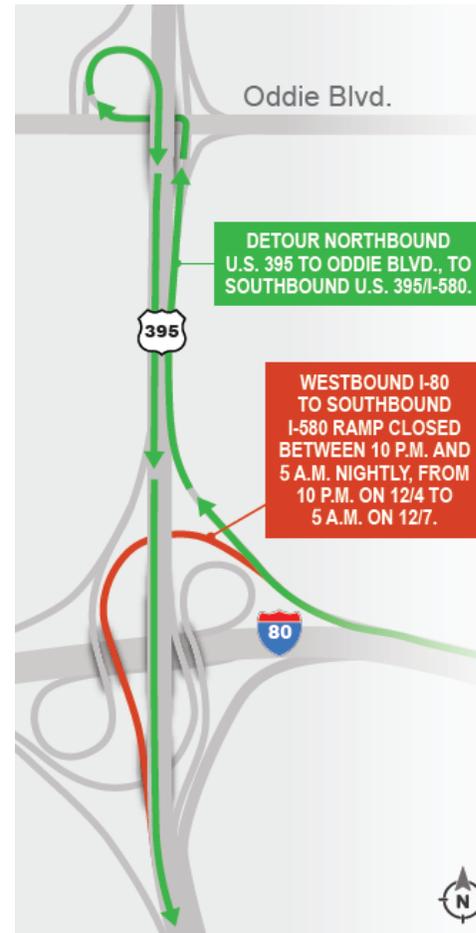
UPCOMING TRAFFIC CONTROL

Dec. 4 – 7 (Marathon Weekend)

Dec. 4 to 7 24-hour/day closure of eastbound I-80 ramp to northbound U.S. 395



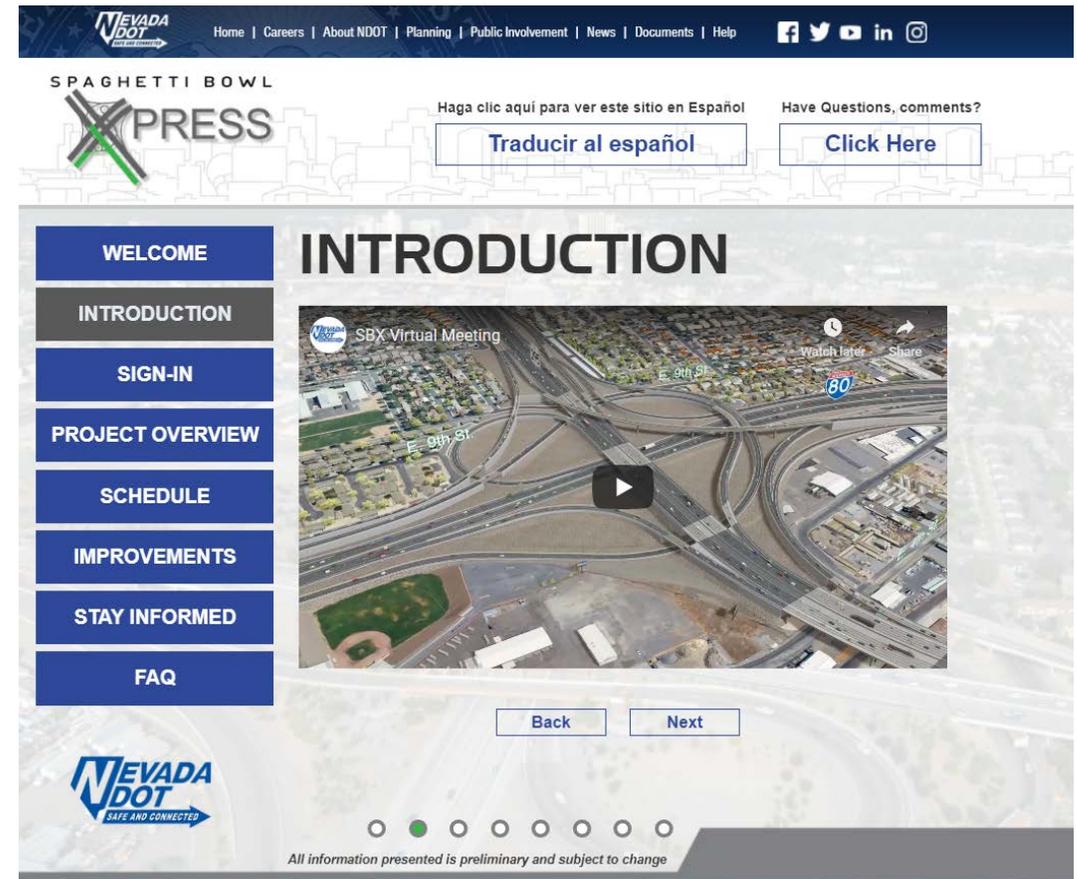
Dec. 4 to 7 Nightly closure (10 p.m. to 4 a.m.) of westbound I-80 ramp to southbound I-580



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December 3 - 17, 2020

- Available via ndotspaghattibowl.com
- Electronic sign-in and comment availability
- Updated graphics for project improvements including landscape & aesthetics
- Drive-through animation



The screenshot shows the 'SPAGHETTI BOWL XPRESS' website. At the top, there is a navigation bar with the Nevada DOT logo, social media icons, and a language toggle for Spanish. Below the header, a video player is featured with the title 'INTRODUCTION' and a play button. To the left of the video is a vertical menu with buttons for 'WELCOME', 'INTRODUCTION', 'SIGN-IN', 'PROJECT OVERVIEW', 'SCHEDULE', 'IMPROVEMENTS', 'STAY INFORMED', and 'FAQ'. The video player includes 'Watch later' and 'Share' options. At the bottom of the page, there are 'Back' and 'Next' buttons and a progress indicator with seven dots, the first of which is green. A disclaimer at the very bottom states: 'All information presented is preliminary and subject to change'.

Questions/Comments

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ndotspaghettibowl.com

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Text

797979 with “SBX”