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)**

*Pending Funding Availability - Information is Preliminary and Subject to Change*
Selected Alternative’s Scope

Project’s Major Construction Features

- Reconstruct system interchange to increase capacity and separate ramps / improve weaving length and operations.
- Construct additional through lanes.
- Construct new, replace or widen 62 bridges.
- Widen lane/shoulder widths.
- Construct auxiliary lanes between closely spaced entrance and exit ramps.
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
Phase 1, SBX Update
PHASE 1 “SPAGHETTI BOWL XPRESS”

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.
UPI XING CONSTRUCTION

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.
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

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

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

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

December 3 - 17, 2020

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

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Project Hotline
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Text
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