



US 395 NORTH VALLEYS PROJECT

May 13, 2019

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NEVADA DEPARTMENT OF TRANSPORTATION





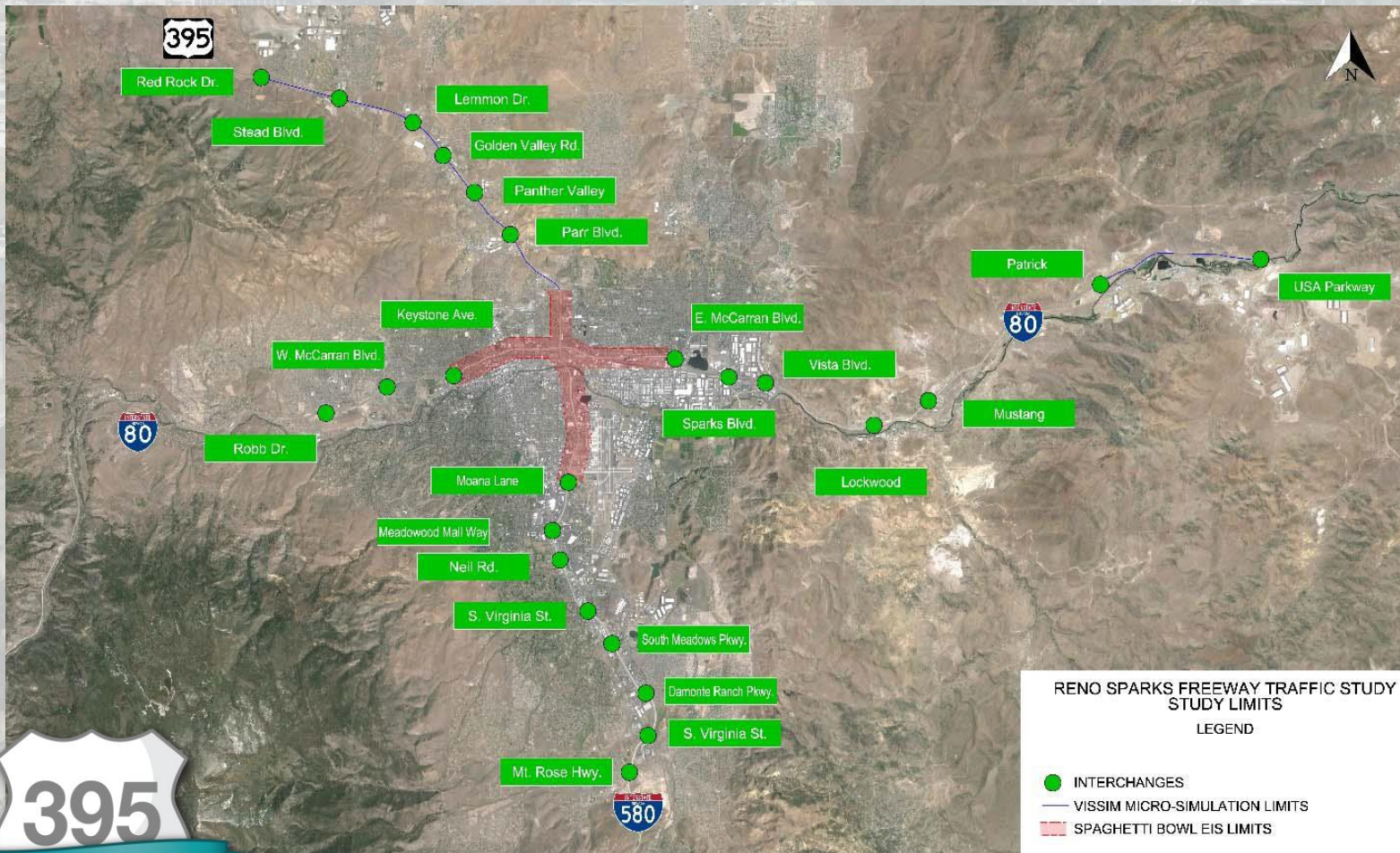
HISTORY

- In July 2018, the Nevada Department of Transportation completed the Reno-Sparks Freeway Traffic Study (RSFTS)
- The study evaluated traffic on the outer edges of the Reno spaghetti bowl (I-80 east and west; I-580; US 395 north valleys)





LIMITS OF RSFTS



395
NORTH VALLEYS

PROJECT



HISTORY

- Work consisted of traffic forecasting, traffic modeling, and analyzing for the purposes of evaluating capacity, operation and safety improvements.
- The results of the study identified the scope of improvements needed for the north valleys project





PROJECT PHASES



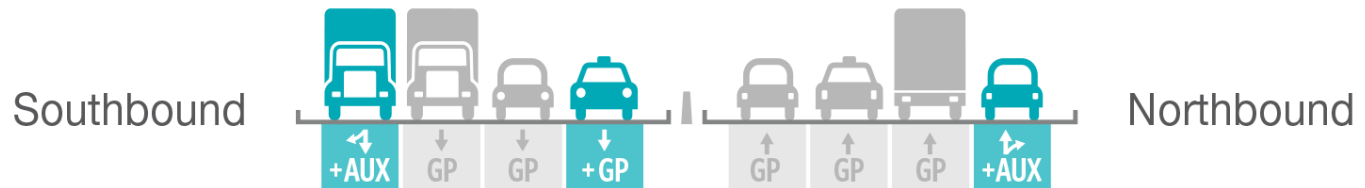


PHASE 1 IMPROVEMENTS

- Roadway rehabilitation in both directions
- Add one general purpose lane southbound
- Construct auxiliary merging lanes between freeway ramps in both directions



Roadway rehabilitation
(both directions)

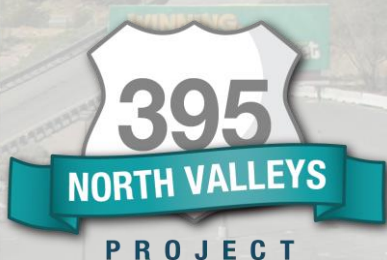




PHASE 1 IMPROVEMENTS

- Replace the existing Parr/Dandini Blvd. bridge
- Construct a northbound “braided” freeway ramp between the Panther Valley on-ramp and Golden Valley Road
- Construct a diverging diamond interchange at Lemmon Drive

Replace
interchange
(at Lemmon Valley)





PHASE 1 IMPROVEMENTS

- Retaining walls to keep the improvements within existing right-of-way
- Construct sound walls
- Include Landscape & Aesthetics elements



Example element:



Example element:



Example element:



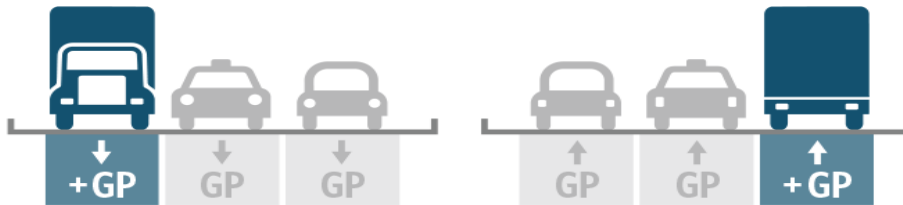


PHASE 2 IMPROVEMENTS

- Roadway rehabilitation in both directions



Roadway rehabilitation
(both directions)



Southbound & Northbound widening

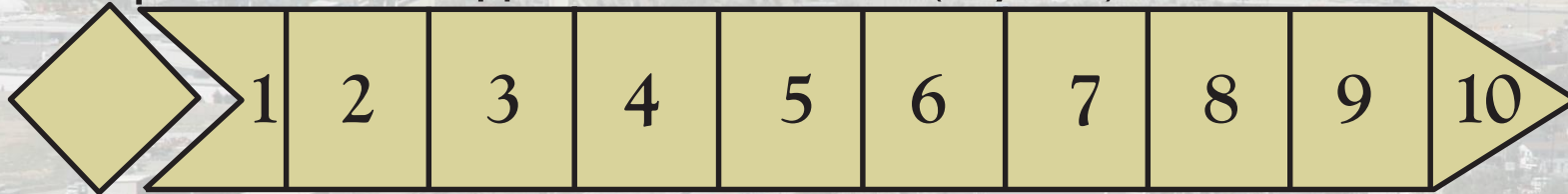
- Add one general purpose lane in each direction





DEVELOPMENT PROCESS

Approximate Timeline (in years)



Planning Studies

- Determine Existing Conditions
- Traffic Forecasts
- Analyze Needs
- Conceptual Solutions
- Preliminary Cost Estimates
- Cost Estimation Validation Process (CEVP)

Environmental Studies

- Purpose and Need
- Traffic Analysis
- Preliminary Alternatives
- Public Outreach
- Technical Studies Air
- Quality Noise Analysis
- Traffic Analysis
- Socio/Economic
- Cultural Resources
- Biological Resources
- Hazardous Materials
- Water Quality
- Floodplain
- Hydrologic
- Energy Land
- Use Economic
- Wetlands
- Visual Effects
- Environmental Justice
- Cumulative & Secondary Impacts
- Cost-Benefit Analysis
- Refine Alternatives
- Alternative Selection
- Section 4(f) Evaluation
- Record of Decision

Preliminary Design

- Geometric Design
- Typical Sections
- Grading
- Drainage Structural
- Traffic/ITS
- Signing/Striping
- Lighting Utilities
- 30% Plans

Final Design

Right-of-Way Engineering and Acquisition

- 60% Plans
- 90% Plans
- Specifications and Estimates
- Final Plans
- Right-of-Way Setting
- Right-of-Way
- Engineering Appraisals
- Purchase Offers Counter
- Offers Relocation
- Asbestos Clearing
- Demolition
- Condemnation (if necessary)
- Federal Regulations

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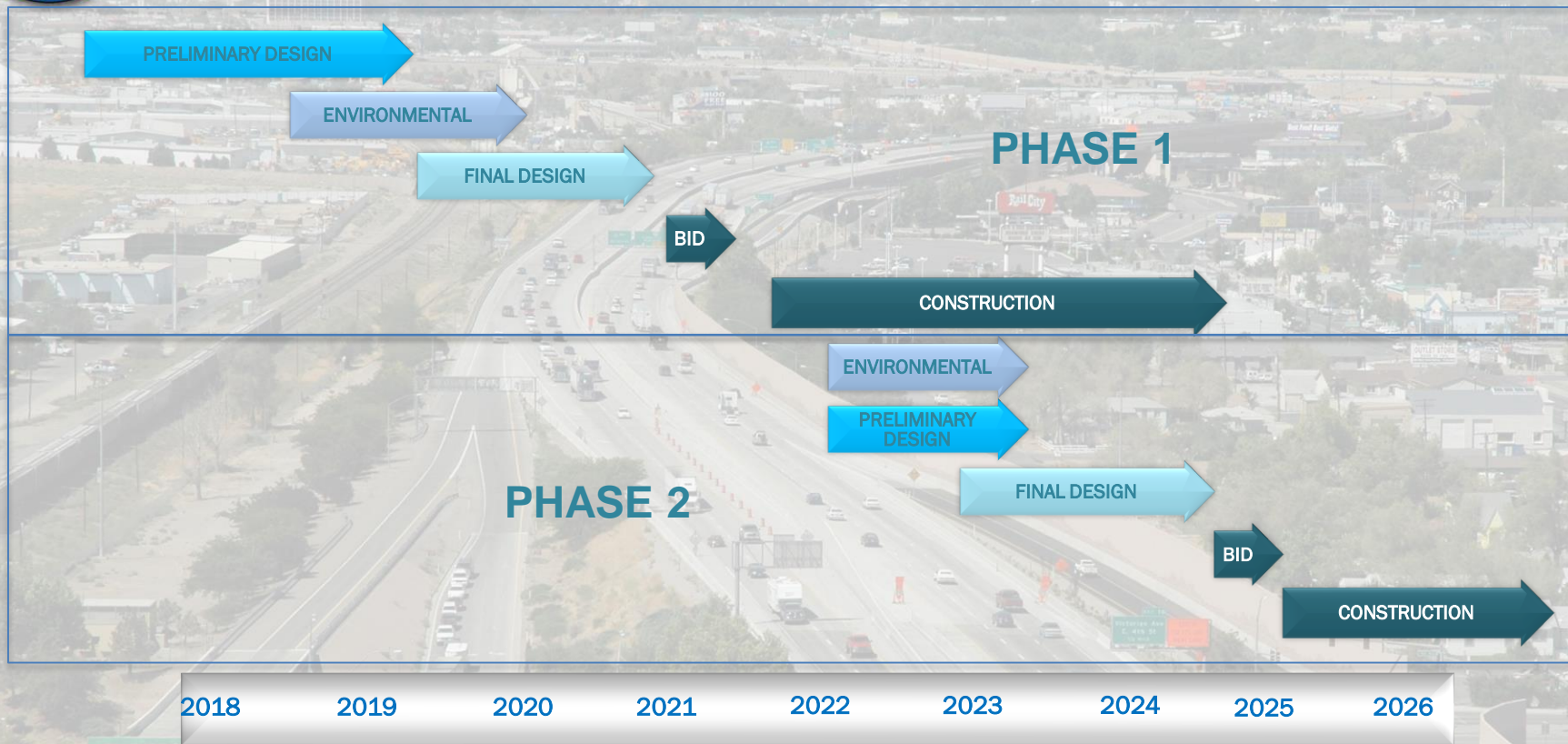
CURRENT STATUS

- Progressing well
- Completing Environmental
- Completed Preliminary Design
- Expect to see geotechnical investigation borings on US 395
- Potholing for utilities on US 395 coming soon





SCHEDULE





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QUESTIONS

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