STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

QUARTERLY REPORT FOR MAJOR PROJECTS
For Quarter Ending September 30, 2019

Steve Sisolak
Governor

Kristina Swallow, PE
Director
1.0 INTRODUCTION

The primary purpose of this quarterly report, ending September 30, 2019, is to provide the Nevada Legislature, the Transportation Board of Directors, and the general public with the status of major projects undertaken by the Nevada Department of Transportation (NDOT) as required by Assembly Bill 595 that was passed in 2007. This quarterly report specifically addresses the reporting requirements of Section 55.5.

This status report is based on the major assumption that funding will be available for the major projects in a timely fashion.

Section 2 of this report provides a detailed description and explanation of the information on each project status sheet.

Section 3 of this report includes project status sheets for all major projects as required by AB 595. There are project sheets for highway capital projects indentified in the December 2006 Blue Ribbon Task Force report: "Roads to the Future" and any other proposed super or mega projects. All of these projects are simply characterized as major projects (projects exceeding $100 million).

Section 4 of this report identifies any major projects completed during this quarter.
2.0 PROJECT STATUS SHEET EXPLANATION

The information contained on the project status sheet is centered on the Department’s project development process. This process typically consists of the four major phases: planning, environmental clearance, final design, and construction. The project status sheets contain several items of information as follows:

**Project Description:** Contains the preliminary project scope, which generally identifies features of the project i.e. length, structures, widening, and interchanges, and directs the project development process.

**Project Benefits:** Summarizes the primary favorable outcomes expected by delivering the project.

**Project Risks:** Identifies the major risks that might impact project scope, cost, and schedule. Unforeseen environmental mitigation, right-of-way litigation, and inflation of construction materials or land values are only a few items that can adversely effect project development.

**Schedule:** Provides the time ranges for the four primary phases of project development: planning, environmental clearance, final design, and construction. Generally the schedule, by state fiscal years, reveals the time range for starting or completing a phase. It indicates the starting range early in the development process and completion range latter in the process.

**Project Costs:** Project cost ranges are provided by activity: 1) engineering activities that include planning, environmental clearance and final design costs, 2) right-of-way acquisition, and 3) construction. Costs are adjusted for inflation to the anticipated mid-point of completing a phase.

**What’s changed since last update?** Contains summaries of the project scope, cost, and schedule changes, if any.

**Financial Fine Points:** Includes the total expended project costs and brief summary of financial issues.

**Status Bars at the Bottom of the Form:** Shows the percentage completion for the primary project development activities that are in progress: planning, environmental clearance, final design, right-of-way acquisition, and construction.
# 3.0 MAJOR PROJECTS

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I-15 North - Phase 3
Speedway Boulevard to Garnet Interchange

Project Sponsor: NDOT
Project Manager: Dwayne Wilkinson, P.E.
(702) 671-8879

Project Description:
• This will be the last phase of improvements associated with the I-15 Corridor Environmental Assessment between US 95 & Apex
• This project has been extended 6.1 miles. Original project limits were from Speedway to Apex. New project limits are from Speedway to US 93 along I-15
• Widen I-15 from four to six lanes from Speedway Boulevard Interchange to the Garnet Interchange, approximately 10.7 miles
• Project also includes: weight station & enforcement improvements, truck parking & a new interchange between Speedway & Apex
• The first construction package will include roadway widening, bridge rehabilitation & widening, truck parking, enforcement elements (excluding the new weight station southbound), drainage improvements, & landscape & aesthetic enhancements
• The second construction package will include the new weight station southbound & remaining enforcement elements
• The proposed new interchange between Speedway & Apex is currently not included in any construction package. The interchange is being included in the environmental process so it may be constructed in the future if desired

Schedule:
Planning:
Complete

Environmental Phase:
2019 - 2020

Final Design:
2020 - 2021 (First Construction Package)

Construction:
See Financial Fine Points Below

Project Cost Range:
Engineering:
$6.5 - $8.0 million

Right-of-Way:
$0.1 - $3.6 million

Construction:
$70.1 - $83.2 million

Total Project Cost:
$76.7 - $94.8 million

What’s Changed Since Last Update?
• Scope - No Change
• Schedule - No Change
• Cost - No Change

Project Benefits:
• Improve safety
• Reduce trip times
• Improve access to areas planned for development in North Las Vegas
• Improve operations
• Increase capacity

Project risks:
• Timely completion of environmental
• Timely completion of design
• Availability of construction funds

Financial Fine Points (Key Assumptions):
• Total funding expended for phase 3: $329,000 (design and environmental)
• Total funding expended for original Environmental phase: $214,000
• As per the Regional Transportation Plan, this project will be funded for construction between FY2021 and FY2025. It is not anticipated that construction funding will be available before FY 2014
Project Description:
• This is one of four phases of improvements to the I-15 North Corridor between US 95 and Apex Interchange (15 miles)
• Construct new direct connect ramps to upgrade the I-15 & CC 215 (Las Vegas Beltway) Interchange
• Construct I-15 SB ramps & reconstruct I-15 NB ramps for the I-15 & Tropical Parkway Interchange
• Reconstruct local streets to match Interchange reconfigurations
• Provide Landscape & Aesthetic enhancements in accordance with the I-15 Landscape & Aesthetics Corridor Plan
• Improvements will be constructed generally within the existing I-15 and CC-215 Rights-of-Way. However, approximately 3.8 acres may be required to construct the project

Schedule:
Planning: Complete
Environmental: Complete
Final Design: Complete
Construction: 2019 - 2022

Project Cost Range:
Engineering: $10 - $11 million
Right-of-Way: $7.0 - $7.5 million
Construction: $106 - $126 million
Total Project Cost: $123 - $144.5 million

What's Changed Since Last Update?
• Scope - No Change
• Schedule - No Change
• Cost - Updated

Project Benefits:
• Improve safety
• Reduce trip times
• Improve access to areas planned for development in North Las Vegas
• Improve operations with full freeway-to-freeway connectivity
• Increase capacity

Project risks:
• Timely completion of utility relocation's
• Timely completions of UPRR permits & agreements
• Acquisition of approximately 3.8 acres to construct the project

Financial Fine Points (Key Assumptions):
• Total funding expended for preliminary engineering: $9,978,000
• Total funding expended for right-of-way: $1,546,000
• Total funding expended for I-15 North environmental phase: $875,000
• NDOT Average Escalation Rates applied

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**Project NEON Design-Build**

I-15 Sahara to Spaghetti Bowl Project

Sponsor: NDOT

Project Manager: Nick Johnson, P.E.

(775) 888-7318

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**Project Description:**

- HOV Direct Connector from US 95 to I-15 and I-15 widening improvements from Spaghetti Bowl to south of Sahara; Add/Drop lanes at Oakey/Wyoming
- Local Access Improvements to Las Vegas Downtown Redevelopment
- New access to Alta
- I-15/Charleston Interchange Reconstruction
- Project Length: 4.83 miles
- *This project now includes what was previously Phases 1-4.

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**Schedule:**

- Planning: Complete
- Environmental: Complete
- Begin Construction: November 2016
- Substantial Completion: May 2019

**Project Cost Range:**

- Engineering: $50 - $60 Million
- Right-of-Way and Utilities: $225 - $250 Million
- Construction: $550 - $575 Million
- Construction Engineering: $40 - $50 Million
- Total Project Cost: $865 - $935 Million

**Project Benefits:**

- Will accommodate anticipated traffic increases
- New access to Downtown Redevelopment
- Reduce congestion along local streets and I-15
- Extends HOV System

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**Project risks:**

- Complex construction in a high volume dense urban area
- Complexity in maintaining traffic, staging, relocating utilities and reducing impacts
- Complex right-of-way issues may impact schedule and cost

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**What's Changed Since Last Update?**

- Project is under construction

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**Financial Fine Points (Key Assumptions):**

- Total Funding Expended: $513,000,000
- Transportation Board approved the authority to bond for the Project.
I 15 Central Corridor

Project Sponsor: NDOT
Project Manager: Jeff Lerud, PE
(702) 671-8865

Project Description:
• The I-15 feasibility study along I-15 from Flamingo Road to Sahara Avenue.
• Enhance access and mobility within the I-15 corridor; develop a feasibility study that addresses a phased implementation strategy for future improvements to I-15 in the resort corridor area in addition to currently planned improvements.

Schedule:
Feasibility Study:
2018 - 2020
Environmental:
TBD
Final Design:
TBD
Construction:
TBD

Project Cost Range:
Engineering:
TBD
Right-of-Way:
TBD
Construction:
TBD
Total Project Cost:
TBD

Project Benefits:
• Improve capacity, operations, safety, access and mobility.
• Meet stakeholders/public expectations.
• Improve quality of life.
• Support economic development.
• Reduce trip times.

What's Changed Since Last Update?
• Planning Phase (Feasibility Study) - TBD 2019
• Scope - No Change
• Schedule - No Change
• Cost - No Change

Project risks:
• Consensus building among the resort owners.
• Funding uncertainty.
• Economic development along the corridor could require design changes affecting scope, schedule and budget.

Financial Fine Points (Key Assumptions):
• Total funding: TBD
I 15 Tropicana Interchange Reconstruction

Project Sponsor: NDOT

Project Manager: Jeff Lerud, PE
(702) 671-8865

Project Description:
- Demolish and reconstruct the Tropicana Avenue interchange at I-15
- Grade separate the intersection of Tropicana Avenue and Dean Martin Drive
- Construct HOV ramps at Harmon Avenue

Schedule:
Environmental:
October 2017 to November 2019
Design and Right of Way:
2020 to 2022
Construction:
2022 to 2024

Project Cost Range:
Engineering:
TBD
Right of Way:
TBD
Construction:
TBD
Total Project Costs:
TBD

Project Benefits:
- Improve capacity, operations, safety, and mobility
- Accommodate current and future travel demands
- Provide for future expansion of I-15

What's Changed Since Last Update?
- Scope - No changes
- Schedule - No changes
- Budget - No changes

Project risks:
- Timing of funding
- Stakeholder buy-in
- Right of Way

Financial Fine Points (Key Assumptions):
- N/A

Environmental (NEPA Phase) September 2019
I 15 South - Bermuda Road Interchange
Project Sponsor: City of Henderson
Project Manager: David Bowers, P.E.
(702) 671-6672

Project Description:
- I-15 South Project from Sloan to Tropicana has been broken into nine (9) Project elements to address funding and constructability opportunities.
- This is one element of the I-15 South project.
- Construct new interchange at Bermuda Road.

Schedule:
Planning: Complete
Environmental: Re-evaluation of 2008 EA to be completed 12 -19
Final Design: 2026 - 2027
Construction: TBD

Project Cost Range:
(Estimates per June 2014 CRA)
Engineering: $9.5 - $10 M
Right-of-Way: $1.5 - $2 M
Construction: $93 - $98 M
Total Project Cost: $104 - $110 M

Project Benefits:
- Interchanges on I-15 reduce congested traffic on the main line and associated regional facilities.
- Connect Regional traffic.

Project risks:
- Unit price and property escalation may affect project cost.
- Funding uncertainty

Financial Fine Points (Key Assumptions):
- Funding not available until 2040-2045 per current Financial Plan.
- Total funding expended for I-15 South Environmental Studies (all phases): $3.5 million
- Inflation index distribution of 2% - 5% is to 2045 approximate midpoint of construction.
- Funding Source (Financial Plan 2009): Q10 Extended ($57.1M) and STP Clark County ($60M).

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What's Changed Since Last Update?
- Scope - No Change
- Schedule - No Schedule. Unfunded on 2035 RTP.
- Cost - adjusted per June 2014 CRA
### Project Description:
- I-15 South Project from Sloan to Tropicana has been broken into nine (9) Project elements to address funding and constructability opportunities.
- This is one element of the I-15 South Project.
- Construct overpass at Pebble Road and I-15

### Schedule:
- **Planning:** Complete
- **Environmental:** Complete
- **Final Design:** TBD
- **Construction:** TBD

### Project Cost Range:
(Environmental Phase Estimates/Removal from RTP)
- **Engineering:** $2.5 - $3 M
- **Right-of-Way:** $0
- **Construction:** $40 - $45 M
- **Total Project Cost:** $42.5 - $48 M

### Project Benefits:
- Interchanges on I-15 reduce congested traffic on the main line and associated regional facilities.
- Connect regional traffic.
- Improve origin destination time of travel.

### Project risks:
- Unit price and property escalation may affect project cost.
- Lack of funding may push this project well into the future

### What's Changed Since Last Update?
- **Scope:** No Change
- **Schedule:** This project was removed from 2030 RTP.
- **Cost:** No Change

### Financial Fine Points (Key Assumptions):
- Funding not available until 2040.
- Total funding expended for I-15 South Environmental Studies (all phases): $3.5 million
- Funding Source (Financial Plan 2009): Private Developers ($30M)

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**September 2019**
**I 15 South - Starr Avenue Interchange**

Project Sponsor: City of Henderson  
Project Manager: Ryan Wheeler  
(702) 671-8876

**Project Description:**
- I-15 South, from Sloan Road to Tropicana Ave. has been broken into nine packages to address funding and constructability opportunities.
- This project is a smaller project of the overall $1.3 billion I-15 South Corridor project.
- Construct a new interchange at Starr Avenue with on & off-ramps.
- Connect to Las Vegas Blvd (east side) and Dean Martin Drive (west side).
- I-15 over Starr Avenue and shifted 50 ft. to the east of the existing I-15.

**Schedule:**
- Planning: Complete
- Environmental: Complete
- Final Design: 2016-2017
- Construction: Complete

**Project Cost Range:**
(Environmental Phase Estimates)
- Preliminary Engineering: $10 - $11 M
- Right-of-Way: $8 - $14 M
- Construction: $33 - $37 M
- Total Project Cost: $51 - $62 M

**What's Changed Since Last Update?**
- Project Awarded to Las Vegas Paving at bid of $33.7 Million.
- Ground breaking event held Nov 30, 2017.
- Project opened on Sept 18th. Punch-list items over the next 30 days.

**Financial Fine Points(Key Assumptions):**
- Total funding expended for I-15 South Environmental Studies (all phases): $3.5 million.
- Construction Funding secured with $35.2M from FRI-1 by City of Henderson, remaining funding by federal and state funds.

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September 2019
I 15 South - Phase 2A/2B
Sloan Road to Blue Diamond (SR-160)

Project Sponsor: NDOT
Project Manager: David Bowers, P.E.
(702) 671-6672

Project Description:
- I-15 South project from Sloan to Tropicana has been broken into nine (9) project phases to address funding and constructability opportunities.
- This is one element of I-15 South Project.
- Widen I-15 from Sloan Road to Blue Diamond Road from 6 to 10 lanes.
- Project Length: 8.2 miles
- This project has been divided in two phases:
  - Phase 2A: Widening I-15 from Sloan to Blue Diamond (SR160) 6 to 8 lanes
  - Phase 2B: Widen from Sloan to Blue Diamond (SR160) 8 to 10 lanes, restripe collector-distributor ramps from Blue Diamond (SR160) to Tropicana Ave, replace concrete section between I-215 & Tropicana Ave and replace Tropicana Interchange.

Schedule:
Planning: Complete
Environmental: Complete
Final Design: TBD
Construction: TBD

Project Cost Range:
(Estimates per June 2014 CRA)
Engineering: $43 - $44 M
Right-of-Way: $0
Construction: $476 - $505 M
Total Project Cost: $519 - $549 M

Project Benefits:
- Increase capacity
- Improve safety
- Improve access
- Reduce trip times
- Reduce vehicle emissions
- Reduce idling
- Improve driver comfort

Project risks:
- Complexity in maintaining traffic staging, relocating utilities and reducing impacts to traveling public.
- Sloan Interchange improvements to be constructed prior to widening to accommodate additional lanes

Financial Fine Points (Key Assumptions):
- Funding not available until 2045.
- Total funding expended for I-15 South Environmental Studies (all phases): $3.5 million
- Inflation index distribution of 2% - 5% is to approximate midpoint of construction

What’s Changed Since Last Update?
- Scope - No Change
- Schedule - No Change
- Cost - adjusted per June 2014 CRA

Environmental Complete
Design Complete

September 2019
### I 15 South - Sloan Road Interchange

**Project Sponsor:** City of Henderson  
**Project Manager:** David Bowers, P.E.  
(702) 671-6672

### Project Description:
- I-15 South Project from Sloan to Tropicana has been broken into nine (9) project elements to address funding and constructability opportunities.  
- This is one element of the I-15 South Project.  
- Reconstruct interchange at Sloan Road.

### Schedule:
- **Planning:** Complete  
- **Environmental:** Complete  
- **Final Design:** TBD  
- **Construction:** TBD

### Project Cost Range:
(Estimates per June 2014 CRA)  
**Engineering:** $5.55 M  
**Right-of-Way:** $18.34 M  
**Construction:** $70 M to $90 M  
**Total Project Cost:** $155.5 - $162 M

### Project Benefits:
- Interchanges on I-15 reduce congested traffic on the main line and associated regional facilities.  
- Connect Regional traffic.  
- Improve origin destination time of travel.

### What's Changed Since Last Update?
- Scope - No Change  
- Schedule - No Change  
- Cost - adjusted per June 2019 CRA.

### Project risks:
- Unit price and property escalation may affect project cost.  
- Sloan Interchange to be constructed prior to widening to accommodate additional lanes

### Financial Fine Points (Key Assumptions):
- Funding not available until 2026-2030 per current Financial Plan.  
- Total funding expended for I-15 South Environmental Studies (all phases): $3.5 million  
- Inflation index distribution of 2% - 5% is to 2029 approximate midpoint of construction  
- Funding source (RTP 2035): STP Clark County ($65M)
**Downtown Access Project**

I-515/US-95 from Rancho Blvd Interchange to 28th Street

**Project Sponsor:** NDOT

**Project Manager:** Ryan Wheeler, P.E.  
(702) 278-3391

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**Project Description:**

- This project proposes to improve I-515/US-95 from Rancho Blvd to 28th Street including ramp connections between I-515/US-95 and I-15.
- This project has the following goals: (1) Remedy aging infrastructure; (2) Improve safety, operations, and air quality; (3) Extend HOV network to downtown along I-515/US-95; and (4) Improve downtown access.
- This current scope of work on the project is to implement the necessary studies, documentation, and outreach required to meet the National Environmental Policy Act (NEPA), and to develop up to fifteen percent (15%) level designs for three alternatives to reconstruct Interstate 515 and the I-15/US-95/I-515 System to System Interchange.
- The alternatives being considered are (1) No-build, (2) Viaduct replacement alternative, and (3) A recessed below grade freeway alternative.
- Each alternative will include these proposed improvements: (1) Replace or remove the 1.6 mile viaduct; (2) Add freeway capacity; (3) Fix ramp spacing by adding ramp braiding to/from I-15 and I-515; (4) Add HOV lanes on I-515/US-95; and (5) New HOV interchanges at City Parkway and Maryland Parkway.
- **This project was originally the I-515 alternatives development study with project limits from the Wyoming grade separation to the MLK interchange. The alternatives development study had 5 separate task orders to perform general environmental work, develop lists of potential projects and pursue project development. Task Orders 1-4 have been completed. Task order 5 is the pursuit of the Downtown Access Project.**

---

**Schedule:**

The project is currently estimated to be 10-13 years in total. The following tasks will be pursued:

- Environmental studies (3-4 years), right-of-way acquisitions (3-4 years), construction (4-5 years).

**Environmental:**

- In progress

**Final Design:**

TBD

**Right-of-way:**

TBD

**Construction:**

TBD

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**Project Cost Range:**

| Environmental | $6.0 million |
| Engineering | TBD |
| Right-of-Way | TBD |
| Construction | TBD |
| Total Project Costs | TBD |

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**What's Changed Since Last Update?**

- This project page has been modified to represent the Downtown Access Project which was developed and pursued from the I-515 alternatives development study.

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**Project Benefits:**

- Improved safety, operations, and air quality through the I-515/US-95 corridor
- Remedy aging infrastructure by replacing or removing the 1.6 mile viaduct
- Improve operations by adding freeway capacity
- Improve operations by adding ramp braiding to/from I-15 and I-515
- Extend HOV network to downtown along I-515/US-95 freeway
- Improve downtown access by adding HOV interchanges at Maryland Parkway and City Parkway
- Improved landscaping and aesthetics

---

**Project risks:**

- Funding availability to move identified project (s) forward into design and construction
- Utility relocation, groundwater, right-of-way acquisitions/relocations, crossing the UPRR mainline tracks, and mobilization of traffic.
- The project team will manage risks through project development.

---

**Financial Fine Points(Key Assumptions):**

- $9.9 million programmed for planning/environmental effort ($4.0 million is from the previous task orders 1-4)

---

**Project goals:**

- Remedy aging infrastructure
- Improve safety, operations, and air quality
- Extend HOV network to downtown along I-515/US-95
- Improve downtown access

---

**Project Schedule:**

- The project is currently estimated to be 10-13 years in total. The following tasks will be pursued:

  - Environmental studies (3-4 years), right-of-way acquisitions (3-4 years), construction (4-5 years).

---

**Environmental:**

- In progress

**Final Design:**

TBD

**Right-of-way:**

TBD

**Construction:**

TBD

---

**Project Cost Range:**

| Environmental | $6.0 million |
| Engineering | TBD |
| Right-of-Way | TBD |
| Construction | TBD |
| Total Project Costs | TBD |

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**What's Changed Since Last Update?**

- This project page has been modified to represent the Downtown Access Project which was developed and pursued from the I-515 alternatives development study.

---

**Project Benefits:**

- Improved safety, operations, and air quality through the I-515/US-95 corridor
- Remedy aging infrastructure by replacing or removing the 1.6 mile viaduct
- Improve operations by adding freeway capacity
- Improve operations by adding ramp braiding to/from I-15 and I-515
- Extend HOV network to downtown along I-515/US-95 freeway
- Improve downtown access by adding HOV interchanges at Maryland Parkway and City Parkway
- Improved landscaping and aesthetics

---

**Project risks:**

- Funding availability to move identified project (s) forward into design and construction
- Utility relocation, groundwater, right-of-way acquisitions/relocations, crossing the UPRR mainline tracks, and mobilization of traffic.
- The project team will manage risks through project development.

---

**Financial Fine Points(Key Assumptions):**

- $9.9 million programmed for planning/environmental effort ($4.0 million is from the previous task orders 1-4)
US 95 Northwest - Phase 2B/5
Durango Drive to Kyle Canyon Road and at Kyle Canyon
Road Project Sponsor: NDOT
Project Manager: Jenica Keller, P.E.

(775) 888-7592

Project Description:
• This is the second and fifth phase of the US 95 Northwest Project that extends from Washington Avenue to Kyle Canyon Road
• Alleviate congestion within the corridor by increasing capacity
• Widen Durango Drive to Kyle Canyon Road to 6 lanes
• Construct High Occupancy Vehicle Direct Access Ramps at Elkhorn
• Construct a regional flood control facility from Centennial to Grand Teton
• Provide new and improved freeway connections to improve regional connectivity, consistent with land use planning
• Construct new interchange at Kyle Canyon Road
• Project length: 2.45 miles

Schedule:
Planning: Complete
Environmental: Complete
Final Design: Complete
Advertise: Complete
Construction: Complete

Project Cost Range:
(Construction Phase Estimates):
Engineering (All Phases): $6 - $7 million
Right of Way (All Phases): $0, No acquisitions required
Construction (All Phases): $103 - $116 million
Construction (2B/5): $65 - $78 million
Total Project Cost (All Phases): $109 - $123 million

Project Benefits:
• Increase capacity
• Improve safety
• Improve access
• Meet stakeholder/public expectations
• Reduce trip times
• Reduce vehicle emissions
• Reduce idling
• Beautify the corridor
• Improve driver comfort

What’s Changed Since Last Update?
• Scope - No change
• Schedule - Construction Complete
• Cost - No change

Project risks:
• Unit price escalation may affect project cost
• Complex design issues may impact schedule and scope
• Complex utility issues may impact schedule and cost

Financial Fine Points (Key Assumptions):
• Total funding expended for Phase 2: $114.02 million
• Total funding expended for US 95 Northwest Environmental Studies (all phases): $5 million
• Inflation escalation (2.27%) to midpoint of construction in 2018.
• Funding source for Phase 2B/5:
  • Federal: $42.4 million
  • State: $2.2 million
  • Local: $33.4 million

% Design Complete

% Construction Complete

September 2019
US 95 Northwest - Phase 3C

Clark County 215 Interchange

Project Sponsor: NDOT, City of Las Vegas and Clark County

Project Manager: Jenica Keller, P.E.

(775) 888-7592

Project Description:
• This is the third phase of the US 95 Northwest project that extends from Washington Avenue to Kyle Canyon Road
• Construct new system to system interchange at CC 215
• This third phase is anticipated to be constructed in 3 subparts (A, C and D)
• Phase 3C: Ramps providing north to west, south to east and south to west movements

Schedule:
Planning: Complete
Environmental: Complete
Final Design: Complete
Advertise: Complete
Construction: Start January 2019
End 2nd Quarter 2021

Project Cost Range:
(Final Design Phase Estimates):
Engineering (All Phases): $14 - $15 million
Right of Way (All Phases): $0 - $1 million
Construction (All Phases): $204 - $268 million
Construction (3C): $61 - $73 million
Total Project Cost (All Phases): $218 - $284 million

Project Benefits:
• Increase capacity
• Improve safety
• Improve access
• Meet stakeholder/public expectations
• Reduce trip times
• Reduce vehicle emissions
• Reduce idling
• Beautify corridor
• Improve driver comfort

What's Changed Since Last Update?
• Scope - No change
• Schedule - No change
• Cost - No change

Project risks:
• Unit price escalation may affect project cost
• Complex right of way and utility issues may impact schedule and cost

Financial Fine Points (Key Assumptions):
• Total funding expended for Phase 3: $94.60 million
• Total funding expended for US 95 Northwest Environmental Studies (all phases): $5 million
• 3C: inflation escalation (2.30%) to midpoint of construction 2019
• Funding source:
  • Federal: $19 million
  • State: $54 million

% Design Complete 0 50 100
% Construction Complete 0 50 100

September 2019

Nevada NDOT Safe and Connected
**US 95 Northwest - Phase 3D**
Clark County 215 Interchange

Project Sponsor: NDOT, City Las Vegas and Clark County

Project Manager: Jenica Keller, P.E.
(775) 888-7592

**Project Description:**
- This is the third phase of the US 95 Northwest project that extends from Washington Avenue to Kyle Canyon Road
- Construct new system to system interchange at CC 215
- This third phase is anticipated to be constructed in 3 subparts (A, C and D)
- Phase 3D/E: Ramps providing west to north, south to west and east to north movements; local interchange; upgrade CC215; and construct Multi-Use Path

**Schedule:**
- Planning: Complete
- Environmental: Complete
- Final Design: Complete 2020
- Advertise: 2020

**Project Cost Range:**
(Design Phase Estimates):
- Engineering (All Phases): $14 - $15 million
- Right of Way (All Phases): $0 - $1 million
- Construction (All Phases): $204 - $268 million
- Construction (3D): $134 - $185 million
- Total Project Cost (All Phases): $218 - $284 million

**Project Benefits:**
- Increase capacity
- Improve safety
- Improve access
- Meet stakeholder/public expectations
- Reduce trip times
- Reduce vehicle emissions
- Reduce idling
- Beautify corridor
- Improve driver comfort

**What's Changed Since Last Update?**
- Scope - No change
- Schedule - No change
- Cost - Increased based on Cost Risk Assessment

**Project risks:**
- Unit price escalation may affect project cost
- Complex right of way and utility issues may impact schedule and cost

**Financial Fine Points (Key Assumptions):**
- Total funding expended for Phase 3: $94.60 million
- Total funding expended for US 95 Northwest Environmental Studies (all phases): $5 million
- 3D: inflation escalation (2.27%) to midpoint of construction 2021
- Funding source: TBD

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<tbody>
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</table>
The Reno Spaghetti Bowl
180/ I580/ US 395 System Interchange

Project Sponsor: NDOT
Project Manager: Jenica Keller, PE
775-888-7592

Project Description:
• Freeway capacity, safety, and operational improvements to and surrounding the Spaghetti Bowl Interchange
• Freeway access management improvements
• Service interchanges modifications
• I80 limits: Virginia/Sierra/Center Street Interchange to Pyramid Highway Interchange
• I 580/US 395 limits: McCarran/Clear Acre Interchange to Virginia/Kietzke Interchange

Schedule:
Environmental: Complete
SBX Phase 1: 2020 - 2023
Future Construction Phases: 2025 and Later

Project Cost Range:
Engineering: $107 - $153 million
Right of Way: $342 - $495 million
Construction: $1.5 - $2.2 billion
Total Project Costs: $1.9 - 2.8 billion

Project Benefits:
• Improve freeway safety and operations
• Reduce existing freeway congestion
• Accommodate current and future travel demands
• Improved freeway maintenance

What's Changed Since Last Update?
• Scope - No changes
• Schedule - Environmental Phase Complete
• Budget - Updated based on Cost Risk Assessment

Project risks:
• Complex access management strategies
• Railroad
• Truckee River
• Socio-economic environment
• Fragmented Local Network
• Right of Way
• Historical and cultural impacts
• 4f and 6f impacts

Financial Fine Points (Key Assumptions):
• Total funding expended for Environmental Phase: $11.6 Million
• Total funding expended for Phase 1 SBX: $13.5 Million

% Environmental Complete
% Design SBX Phase 1 Complete

September 2019
# Pyramid Highway/US 395 Connection Project

**Sponsor:** Washoe County RTC and NDOT Washoe  
**RTC Project Manager:** Doug Maloy, P.E. NDOT  
**Project Manager:** Sajid Sulahria, P.E.  
(775) 888-7742  
www.pyramidus395connection.com

## Project Description:

- Calle de la Plato to La Pasada - Transition from 4 Lane Arterial to 6 lane freeway
- La Pasada to Sparks Blvd. - Develop Pyramid alignment into 6 lane freeway with frontage roads.
- Continue 6 lane freeway from Sparks Blvd. to Dics Dr. either on the Pyramid alignment with frontage roads or on a separate alignment to the west.
- Extend 6 lane freeway through Sun Valley to US-395
- Widen and improve Pyramid highway from Disc Dr. to Queen Way
- Widen and extend Disc Dr. to Vista Blvd.

## Schedule:

**Planning:**
Complete

**Environmental:**
2010 - 2018

**Final Environmental Impact Statement (FEIS):**
Winter 2014-2017

**Record of Decision (ROD):**
2018

**Final Design:**
TBD

**Construction:**
TBD

## Project Cost Range:

(Planning phase estimates)

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<tr>
<td>Right-of-Way</td>
<td>$100M - $150M</td>
</tr>
<tr>
<td>Construction</td>
<td>$410M - $660M</td>
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<tr>
<td>Total Project Costs</td>
<td>$550M - $870M</td>
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</table>

## Project Benefits:

- Address congestion and safety along the Pyramid Highway and McCarran Blvd. Corridors
- Provide alternative access to freeway system
- Improve safety

## Project risks:

- Construction in a dense urban residential area
- Funding sources for all phases not identified
- Complex right of way and utility issues may impact schedule and costs.

## Financial Fine Points (Key Assumptions):

- Total RTC Funding Expended - $7,300,000
- Inflation escalation (2.7%) to midpoint of construction in 2020

## What’s Changed Since Last Update?

- The Record of Decision has been received.

## % Environmental Complete

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</table>
US 395 Carson City Freeway - Phase 2B
South Carson Street to Fairview Drive
Project Sponsor: NDOT
Project Manager: Sajid Sulahria
(775) 888-7742

Project Description:
- This project will be delivered in four packages. Construction is complete for Phase 2B Packages 1, 2 & 3.
- Phase 2B Package 4 will construct the South Carson Interchange and complete the remainder of the project.

Schedule:
- Planning: Complete
- Environmental: Complete
- Final Design: Complete
- Construction: TBD

Project Cost Range:
(Final design phase estimates):
- Engineering: $11 - $13 million
- Right-of-Way: $30 - $32 million
- Construction: $100 - $150 million
- Total Project Cost: $137 - $190 million

Project Benefits:
- Relieve traffic congestion on Carson Street through Carson City and local streets along the freeway corridor.
- Reduce travel times through the region.
- Provide flood control protection.
- Improve opportunities for economic development along the corridor and downtown.

What's Changed Since Last Update?
- Scope - Package 4 will complete the remainder of the Freeway
- Schedule - TBD
- Cost - No change

Project risks:
- Project completion date will depend on the availability of funds.
- Concurrent utility relocation will be required.
- Changes in design standards could affect schedule and budget.
- New development along the corridor.

Financial Fine Points (Key Assumptions):
- Total funding expended: $195 million
- Construction funding source for Phase 2B-4: TBD

% Design Complete
% ROW Complete
% Construction Complete 2B-1, 2B-2, 2B-3
% Construction Complete 2B-4

September 2019
4.0 COMPLETED MAJOR PROJECTS

As a part of the reporting requirements in Section 55.5 of AB 595, the Department is to report the number of major projects for which construction was completed during this quarter. For each completed project, the Department is to report on the following:

1. Whether the project was completed early or on time.
2. Whether the project remained within its planned scope.
3. Whether the project was completed for less than or for the amount of its budgeted expenses.
4. Any specific measures of transportation improvement resulting from the project.

For the quarter ending on September 30, 2019 there were no projects completed.