STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

QUARTERLY REPORT FOR MAJOR PROJECTS

For Quarter Ending September 30, 2014

Brian Sandoval
Governor

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Nevada Department of Transportation

QUARTERLY REPORT FOR MAJOR PROJECTS

September 30, 2014

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1.0 INTRODUCTION

The primary purpose of this quarterly report, ending September 30, 2014, 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. Additional details of these phases are contained in Appendix A, which details the project development process utilized by the Department of Transportation. 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: Indentifies 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. Appendix B, Dealing with Project Risk, provides more details.

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. Appendix B, Dealing with Project Risks, provides more details concerning the time ranges.

Project Costs: Project cost ranges are provided by activity: 1) engineering activities that includes 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. Appendix B, Dealing with Project Risks, provides more detail on the range of project cost estimates.

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 - Part 2 Packages A, C & D

Craig Road (SR 573) to Speedway Boulevard

Project Sponsor: NDOT

Project Manager: Dwayne Wilkinson, P.E.

(702) 671-8879

Project Description:

- Packages A, C and D are three of four construction packages that make-up the I 15 North Part 2 project.
- This project consists of corridor improvements from Craig Road to Speedway Blvd which includes:
- Capacity Improvements - widening from Craig Rd to Speedway Blvd from 4 to 6 lanes
- Remove & replace PCCP with ACP (Craig to Lamb)
- Drainage Improvements
- Widen & seismic retrofit of 4 structures (G 958 N, G 958 S, G 961 N & G 961 S) over 2 UPRR crossings
- and ROW fence replacement.
- Improvements will be constructed within the existing 1-15 Right-of-Way.
- Project length: 4.8 miles.

Schedule:

Planning:

Complete

Environmental:

Complete

Final Design:

2014 - 2015

Construction:

2016 - 2018

Project Cost Range:

Engineering:

$ 3.4 - $ 3.8 M

Right of Way:

$0

Construction:

$ 42 - $ 48 M

Total Project Cost:

$ 45.4 - $ 51.8 M

Project Benefits:

- Improve Safety
- Reduce Travel Times
- Decrease Congestion
- Improve Freeway Operations
- Increase life of pavement
- Increase I-15 N capacity to accomodate projected traffic

What's Changed Since Last Update?

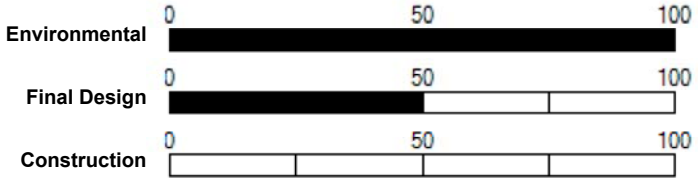
- Scope: Packages A, C & D are being combined for construction
- Schedule: Design 2014 - 2015
- Cost: Combining the packages results in savings - total value TBD

Project risks:

- Uncertainty of Future Construction Materials and Labor Costs
- Funding uncertainty for Construction

Financial Fine Points(Key Assumptions):

- Total funding expended for Packages A, C & D Construction: $0
- Total funding expened for Design of all packages: $ 1,396,000
- Total funding expended for the Environmental Phase for all packages: $875,000
- Construction inflation escalation (2.7%) is to midpoint of construction



October 2014

I 15 North - Phase 2 Package E

Speedway Boulevard to Apex Interchange

Project Sponsor: NDOT

Proejct Manager: Dwayne Wilkinson, PE

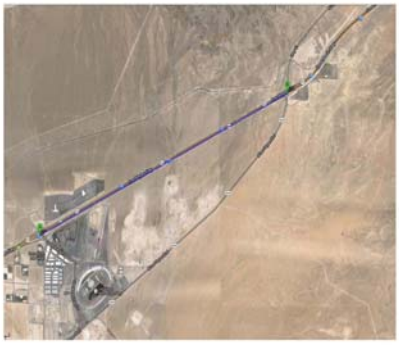
(702)-671-8879

Project Description:

- Part 2 Package E is one of five construction packages of the I 15 North Phase 2 Project
- Construct the remaining ITS elements between Speedway to Apex
- Improvements will be constructed within existing I 15 N Right-of-Way
- Project Length: 4.6 Miles
- This package is to be included in FAST Package H1

Schedule:

Planning:
Complete
Environmental:
Complete
Final Design:
Complete
Construction:
2015



Project Cost Range:

Engineering:
$ 0.1 M
Right of Way:
$ 0.0 M
Construction:
$ 2.0 - 2.1 M
Total Project Costs:
$ 2.1 - 2.2 M

Project Benefits:

- Improve Freeway Operations
- Improve Safety

What's Changed Since Last Update?

- Scope - FAST Pkg H has been split into 3 Pkgs. This project is included in FAST Pkg H1
- Schedule - No change
- Cost - No Change

Project risks:

- Uncertainity of Construction Funding

Financial Fine Points(Key Assumptions):

- Will be advertised as part of FAST Package H1

Final Design 0 50 100

Construction 0 50 100

October 2014

I 15 North - Phase 3

Speedway Boulevard to Apex Interchange

Project Sponsors: NDOT

Project Manager: Dwayne Wilkinson, P. E.

(702) 671-8879

Project Description:

- This is the third phase of improvements to the I-15 North Corridor between US 95 and Apex Interchange.
- Widen I-15 from four lanes to six lanes from Speedway Boulevard to the Apex Interchange.
- Project length: 4.6 miles

Schedule:

Planning:
Complete

Environmental Phase:
Complete

Final Design:
2018

Construction:
2019

Project Cost Range:

Engineering:
$10 - $12 million

Right-of-Way:
$3 - $3.6 million

Construction:
$75 - $85 million

Total Project Cost:
$88 - $101 million

Project Benefits:

- Increase capacity
- Reduce trip times
- Improve access to areas planned for development in North Las Vegas
- Improve operations
- Improve safety

What's Changed Since Last Update?

- Scope - No Change
- Schedule - Updated Construction to 2019
- Cost - No Change

Project risks:

- Project completion will depend on the availability of funding.
- Uncertainty of proposed Sheep Mountain Parkway terminus.

Financial Fine Points(Key Assumptions):

- Total funding expended for phase 3: $0 (design phase not started)
- Total funding expended for I 15 North Environmental phase: $875,000
- Inflation excalation (2.7%) is to approximate midpoint of construction
- Funding source for this project has not yet been identified.

Environmental complete 0 50 100

Design Complete 0 50 100

October 2014

I 15 North - Phase 4

I 15 / CC 215 Northern Beltway Interchange

Project Sponsor: NDOT

Project Manager: Dwayne Wilkinson, P. E.

(702) 671-8879

Project Description:

- This is the last of four phases of improvements to the I-15 North Corridor between US 95 and Apex Interchange (15 miles).
- Construct new ramps to complete a system-to-system interchange configuration at the I-15 / CC-215 Las Vegas Beltway interchange.
- Improvements will be constructed within the existing I-15 and CC-215 Right-of-Way.
- Funding availability will require that this project be delivered it multiple Phases. Phasing will be determined during FY2015.

Schedule:

Planning:

Complete

Environmental:

Complete

Final Design:

Start 2014 - 2018

Construction:

2018 - 2022

Project Cost Range:

Engineering:

$11.8 - $15.5million

Right-of-Way:

$2.6 - $3.2million

Construction:

$142.0 - $191.8 million

Total Project Cost:

$156.4 - $210.5 million

Project Benefits:

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

What's Changed Since Last Update?

- Scope - Working to break project into affordable construction packages to accommodate funding limitations.
- Schedule - No Change
- Cost - Updated Cost Estimate using Cost Risk Assessment

Project risks:

- Cost and Schedule Impact of Stucture Design
- Cost and Schedule Impact of Utility Relocations
- Timely start and completion of Preliminary Engineering
- Railroad Involvement - UPRR Permits & Agreement Amendment
- Availability of Construction Funds

Financial Fine Points(Key Assumptions):

- Total funding expended: $223,800
- Total funding expended for I-15 North Environmental phase: $875,000
- Escalation is to 2020 approximate midpoint of construction.
- Construction funding for this project has not yet been identified.

% Environmental Complete 0 50 100

% Design Complete 0 50 100

October 2014

Project NEON Design-Build

I-15 Desert Inn Road

Project Sponsor: NDOT

Project Manager: Dale Keller, P.E.

(775) 888-7603

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.

Schedule:

Planning:

Complete

Environmental:

Complete

Release Final RFP:

Spring 2015

Selection of Design-Builder:

Fall 2015

Construction:

Spring 2016

Project Cost Range:

Engineering:

$34 - $36 Million

Right-of-Way and Utilities:

$285 - $295 Million

Construction:

$550 - $600 Million

Total Project Cost:

$TBD

Project Benefits:

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

What's Changed Since Last Update?

- Scope - 2nd NEPA Re-evaluation is underway
- Schedule - Release the Final RFP Spring 2015
- Cost - No change

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

Financial Fine Points(Key Assumptions):

- Total Funding Expended: $115,000,000
- Inflation escalation (4%) to 2020 approximate midpoint of construction
- Additional Federal, State, Local and Regional Funding will be required
- Transportation Board approved the authority to bond for the Project.

% Environmental Complete 0 50 100

Design Complete 0 50 100

October 2014

I 15 Urban Resort Corridor Study

Project Sponsor: NDOT

Senior Project Manager: Jeff Lerud

(775) 888-7589

Project Description:

- The I-15 Urban Resort Corridor Study along I-15 from I-215 (Bruce Woodbury Beltway) to the south, to US 95 (Spaghetti Bowl) to the north.
- Enhance access and mobility within the resort corridor; develop a phased implementation stragegy for future improvements to I-15 in the resort corridor area in addition to currently planned improvements.
- Prepare an early action plan for near-term improvements to enhance mobility and operations.

Schedule:

Planning:

Completed

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?

- Scope - No Change
- Schedule - No Change
- Cost - No Change
- Planning Phase Completed

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 expended: $786,738

Planning complete 0 50 100

October 2014

I 15 South - Bermuda Road Interchange

Project Sponsor: City of Henderson

Project Manager: Ryan Wheeler, P.E.

(702) 671-8876

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:
Complete
Final Design:
2026 - 2027
Construction:
TBD

Project Cost Range:

(Environmental Phase Estimates)
Engineering:
$16 - $17.5 M
Right-of-Way:
$3.5 - $4 M
Construction:
$128.5 - $134.5 M
Total Project Cost:
$148 - $156 M

Project Benefits:

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

What's Changed Since Last Update?

- Scope - No Change
- Schedule - No Schedule. Unfunded on 2035 RTP.
- Cost - No Change

Project risks:

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

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 (Financial Plan 2009): Q10 Extended ($57.1M) and STP Clark County ($60M).

% Environmental Complete 0 50 100

% Design Complete 0 50 100

October 2014

I 15 South - Pebble Road Overpass

Project Sponsor: Clark County

Project Manager: Ryan Wheeler, P.E.

(702) 671-8876

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:
$6.5 - $7 M
Right-of-Way:
$8 - $10 M
Construction:
$51.5 - $53 M
Total Project Cost:
$66 - $70 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 - This project was removed from 2030 RTP.
- Cost - No Change

Project risks:

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

Financial Fine Points(Key Assumptions):

- Funding not available until 2040. Project was removed from current Financial Plan. Project costs will be impacted due to inflation.
- Total funding expended for I-15 South Environmental Studies (all phases): $3.5 million
- Funding Source (Financial Plan 2009): Private Developers ($30M)

% Environmental Complete 0 50 100

% Design Complete 0 50 100

October 2014

I 15 South - Starr Avenue Interchange

Project Sponsor: City of Henderson

Senior Project Manager: Jeff Lerud

(775) 888-7589

Project Description:

- I-15 South, from Sloan Road to Tropicana Ave. has been broken into nine packages to address funding and constructability opportunities.
- 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:

2010-2016

Construction:

2016-2020

Project Cost Range:

(Environmental Phase Estimates)

Preliminary Engineering:

$10 - $11 M

Right-of-Way:

$15 - $24 M

Construction:

$47 - $66 M

Total Project Cost:

$72 - $101 M

Project Benefits:

- Improve access to I-15 with new interchange
- Connect east-west regional traffic from Las Vegas Blvd to/from Dean Martin Drive
- Improve I-15 mainline capacity

What's Changed Since Last Update?

- Scope - No change
- Schedule - No change
- Cost - No change

Project risks:

- Uncertain Right of Way costs
- Material and labor cost escalation
- Availability of funding
- Utility & bill board relocation
- Cell phone tower, re-location potential or avoidance

Financial Fine Points(Key Assumptions):

- Total funding expended for Starr Interchange: $122,500
- Total funding expended for I-15 South Environmental Studies (all phases): $3.5 million
- Inflation index distribution of 2% - 5% for year 2018 approximate midpoint of construction.
- Funding Source (RTP 2035): Interstate Maintenance Discretionary ($3.44M), SAFETEA-LU Priority Project ($7.20M), Local Funds ($12.98 M), STP Clark County ($52.80 M) and Public Lands Highways ($1.19 M).

% Environmental Complete 0 50 100

% Design Complete 0 50 100

October 2014

NEVADA DOT

I 15 South - Cactus Avenue Interchange

Project Sponsor: NDOT

Assistant Chief Project Manager: Lynnette Russell, P.E.

(702) 671-6601

Project Description:

- I-15 South Project from Sloan to Tropicana has been broken into nine (9) Project elements to address funding and constructability opportunities.
- Construct new interchange at Cactus Avenue.

Schedule:

Planning:

Complete

Environmental:

Complete

Final Design:

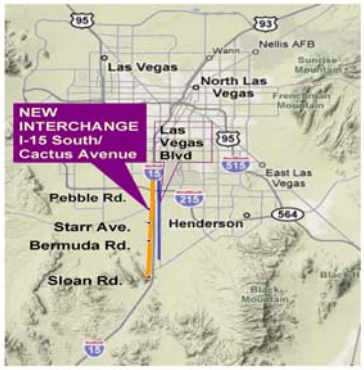
Complete

Advertise:

Complete

Construction:

Complete



Project Cost Range:

(Environmental Phase Estimates)

Engineering:

$5.5 - $6.5 M

Right-of-Way:

$8 - $15 M

Construction:

$43 M

Total Project Cost:

$56.5 - $64.5 M

Project Benefits:

- Reduce congested traffic on I-15.
- Connect regional traffic.

What's Changed Since Last Update?

- Scope - No Change
- Schedule - No Change
- Cost - No change

Project risks:

- Unit price and property escalation may affect project cost.

Financial Fine Points(Key Assumptions):

- Funding expended for Cactus Interchange: $46.3 Million
- Total funding expended for I-15 South Environmental Studies (all phases): $3.5 million
- Inflation index distribution of 2% - 5% is to 2014 approximate midpoint of construction
- Funding Source: Interstate Maintenance Discretionary ($4.9M), SAFETEA-LU High Priority Projects ($9.8M), STP Clark County ($30.6M), National Highway System ($16.9M), Old Ear Mark Remnant (0.14M) and Section 115 Transfer Project (0.9M).

% Environmental Complete 0 50 100

% Design Complete 0 50 100

% Construction 0 50 100

October 2014

NEVADA DOT

I 15 South - Las Vegas Boulevard

St. Rose Parkway to Sunset Road

Project Sponsor: Clark County

Project Manager: Jason S. Tyrrell, P.E.

(702) 671-8852

Project Description:

- I-15 South 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.
- Widening of Las Vegas Boulevard (parallel to I-15) from St. rose Parkway (SR 146) to Sunset Road from 2 to 3 lanes in each direction.
- Project Length: 7.2 miles
- This project will be constructed in two packages:
- Package 1: Las Vegas Boulevard from Silverado to Sunset - *Completed as of July 2011
- Package 2: Las Vegas Boulevard from St. Rose to Silverado Ranch

Schedule:

Planning:

Complete

Environmental:

Complete

Final Design:

Package 1- Complete ,

Package 2- 70%

Construction:

Package 1 -Complete,

Package 2 TBD

Project Cost Range:

(Environmental phase estimates):

Engineering:

$4 - $4.5 M

Right-of-Way:

$0

Construction:

$31.5 - $33 M

Total Project Cost:

$35.5 - $37.5 M

Project Benefits:

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

What's Changed Since Last Update?

- Scope - No Change
- Schedule - No Change
- Cost - No Change

Project risks:

- Complexity in maintaining traffic staging, relocating utilities and reducing impacts to traveling public.

Financial Fine Points(Key Assumptions):

- Total NDOT Funding Expended for LV Blvd.: $4.3 M
- Total funding expended for I-15 South Environmental studies (all phases): $3.5 million
- Inflation index distribution of 2% - 5% is to 2011 approximate midpoint of construction.
- Funding Source: STP Clark County ($8.3M)

% Environmental Complete 0 50 100

% Design Complete 0 50 100

October 2014

I 15 South - Phase 2A/2B

Sloan Road to Blue Diamond (SR-160)

Project Sponsor: NDOT

Project Manager: Ryan Wheeler, P.E.

(702) 671-8876

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:

(Environmental Phase Estimates)
Engineering:
$47.5 - $51 M
Right-of-Way:
$0
Construction:
$371 - $392.5 M
Total Project Cost:
$418.5 - $443.5 M

Project Benefits:

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

What's Changed Since Last Update?

- Scope - No Change
- Schedule - No Change
- Cost - No Change

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 2016-2020 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 approximate midpoint of construction.

Environmental Complete 0 50 100

Design Complete 0 50 100

October 2014

NEVADA DOT

I 15 South - Sloan Road Interchange

Project Sponsor: City of Henderson

Project Manager: Ryan Wheeler, P.E.

(702) 671-8876

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:

(Environmental Phase Estimates)
Engineering:
$19.5 - $21 M
Right-of-Way:
$35 - $40 M
Construction:
$156.5 - $162.5 M
Total Project Cost:
$211 - $223.5 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 - No Change

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)

Environmental Complete 0 50 100

Design Complete: 0 50 100

October 2014

I 15 South - Stateline to Sloan

Project Sponsor: NDOT

Project Manager: Ryan Wheeler, P. E.

(702) 671-8876

Project Description:

- Reconstruct interchange ramps at Primm, Jean and Sloan Interchanges to address safety issues.
- Signing improvements with DMS signs on I-15.
- Shoulder improvements.

Schedule:

Planning:
2013 - 2015
Environmental:
TBD
Final Design:
TBD
Construction:
TBD

Project Cost Range:

Engineering:
$3 - $4 M
Right-of-Way:
TBD
Construction:
$35 - $50 M
Total Project Cost:
$38 - $54 M

Project Benefits:

- Update ramp geometrics to current standards.
- Decrease congestion.
- Improve communications and driver awareness with message signs.
- Improve on/off ramps at Primm, Jean and Sloan Interchanges.

What's Changed Since Last Update?

- Scope -Scope modified to Safety project
- Schedule - No Change
- Cost - No Change.

Project risks:

- Uncertainty of future construction materials and labor costs.
- Complex construction in a high volume rural area may affect schedule and costs.
- Funding uncertainty.

Financial Fine Points(Key Assumptions):

- Total funding expended: $0
- Funding: Government Services Tax $52 Million
- Inflation Index of 3% is to approximate midpoint of construction.

Planning Scoping 0 50 100

October 2014

I 515 Freeway Improvements

Feasibility Study and Final Design for one construction package

Rancho Drive at 95 to Wyoming Grade Separation on I-515 on the US 95 / I-515

Project Sponsor: NDOT

Senior Project Manager: Dwayne Wilkinson

(702) 671-8879

Project Description:

- Feasibility study will analyze traffic operations and safety from Rancho to Wyoming Grade Separation and identify improvement phasing to address corridor needs.
- One construction package is presently planned to advertise in FY 2017

Schedule:

Planning: Complete

Feasibility Study:

Begin 2nd qtr of 2015

Environmental:

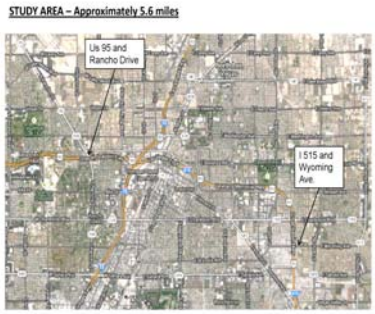
2014-2015

Final Design:

2016

Construction:

2017



Project Cost Range:

Engineering:

TBD

Right-of-Way:

TBD

Construction:

TBD

Total Project Costs:

TBD

Project Benefits:

- Identify and implement operational and safety improvements to be constructed based on funding availability.

What's Changed Since Last Update?

- Scope - Analyze safety and operational improvements from Rancho to Wyoming Grade Separation
- Schedule - RFP anticipated 1st qtr 2015
- Cost - Overall construction costs TBD

Project risks:

- Individual phases and funding obligations are unknown at this time.

Financial Fine Points(Key Assumptions):

- Funding for first construction package is yet to be identified, but the goal is to begin construction in FY 2017

% Environmental Complete 0 50 100

October 2014

US 93 / US 95 Boulder City Bypass - Phase 1 Package 2B (CANCELLED)

Foothills Drive Grade Sep to Railroad Pass Interchange

Project Sponsor: NDOT

Senior Project Manager : Tony Lorenzi, P.E.

(775) 888-7317

Project Description:

- Construct West Frontage Road to Subgrade
- Construct Retaining Wall
- Construct Drainage Features
- Relocate Henderson Utilities (sewer and water)

Schedule:

Planning:

Completed

Environmental:

Completed

Final Design:

Completed

Construction:

Cancelled

Project Cost Range:

(Final Design Phase Estimates)

Engineering:

$350 - $500 k

Construction:

$11 - $13 million

Major Utility Relocation:

$11 - $13 million

Total Project Cost:

$11 - $14 million

Project Benefits:

- Improves operations for Trucks from US 93 to US 95
- Improves local circulation
- Provides complete utility corridor for all underground utilities
- Improves Truck access to Industrial area

What's Changed Since Last Update?

- Scope: No change
- Schedule: Construction moved to early 2015
- Cost: Cost range changed based on updated engineering estimates
- Package 2B was cancelled due to NOA and will be delivered as a part of Package 3 in Fall 2014
- Limits of Frontage Road revised on the south end
- This Package was added to Package 3 for delivery as one contract

Project risks:

- Concurrent utility relocations may affect schedule
- Utility agreements are a major risk
- Hazardous materials found during construction
- A study was published announcing the presence of Naturally Occurring Asbestos in the project vicinity. Further studies are necessary to quantify the amount of asbestos.

Financial Fine Points(Key Assumptions):

- Inflation escalation (4%) is to 2015 approximate midpoint of construction.
- Additional Federal, State, Local, and Regional Funding will be required.

Final Design completed 0 50 100

Construction completed 0 50 100

October 2014

US 93 / US 95 Boulder City Bypass - Phase 1 Package 3

Foothills Drive Grade Sep to Silverline Road north of US 95

Project Sponsor: NDOT

Senior Project Manager : Tony Lorenzi, P.E.

(775) 888-7317

Project Description:

- Realignment of US 93 / US 95 to create an access controlled facility from Foothill Drive to US 95.
- One new diamond interchange along with one Frontage Road will be constructed.
- Direct Connector Ramps from the new facility to and from US 93 will be constructed.
- Direct Connector Ramps from US 95 to the new facility will be constructed.
- Existing access will be perpetuated.
- Project length: 2 miles

Schedule:

Planning:

Completed

Environmental:

Completed

Final Design:

Completed

Construction:

Early 2015

Project Cost Range:

(Final Design Phase Estimates)

Engineering:

$1 - $2 million

Right-of-Way:

Incidental

Construction:

$71 - $85 million

Total Project Cost:

$72 - $87 million

Project Benefits:

- Improves safety by eliminating a signal at US 93 and Railroad Pass Casino.
- Improves operations for Trucks from US 95 to US 93.
- Improves operations for peak trips from Boulder City to Las Vegas.
- Improves local circulation.
- Completes initial bypass phase.

What's Changed Since Last Update?

- Scope: Package 4 was split into two segments. Northern half will be incorporated into Package 3 and the southern half will be incorporated into the RTC's Design-Build contract for Phase 2.
- Schedule: Package 3 delivery moved to Federal FY2014 to meet the RTC's schedule
- Cost: Cost range changed based on new engineering estimate and the packages being combined into Package 3
- Package 2B, utility relocations and Package 5 added to Package 3 for delivery as single contract
- The discovery of Naturally Occurring Asbestos (NOA) has resulted in additional mitigation that has been added to the Special Provisions

Project risks:

- Unit price and property escalation may affect project
- Resource conflict with other on-going projects
- Field Changes
- Increased Roadway Excavation unit prices due to additional blasting
- Multiple utility relocations need to be done concurrently
- Hazardous materials found during construction
- A study was published announcing the presence of Naturally Occurring Asbestos in the project vicinity. Further studies are necessary to quantify the amount of asbestos.
- Final reports for NOA testing have been published and can be found on the main project website at www.bouldercitybypass.com

Financial Fine Points(Key Assumptions):

- Total funding expended for BC Bypass Environmental studies (all phases): $5,199,679
- Inflation escalation (4%) is to approximate midpoint of construction.
- Project is completely funded for FY2015
- Total funding expended for all BC Bypass studies (including design): $6,772,011

% Design Complete 0 50 100

% ROW Complete 0 50 100

October 2014

US 93 / US 95 Boulder City Bypass - Phase 2

Silverline Road north of US 95 to the Nevada Interchange

Project Sponsor: NDOT

Senior Project Manager: Tony Lorenzi, P.E.

(775) 888-7317

Project Description:

- Provide connection between Phase I from north of the US 95 to tie into the Hoover Dam Bypass at Nevada Interchange
- Provide limited access bypass to the south of Boulder City for US 93 traffic
- 4 lane divided highway facility
- Require several bridge structures over existing access roads and to provide wildlife access
- NDOT working with RTC to administer Design-Build Procurement for Phase 2
- Project length: 12.5 miles
- Project was approved to be administered using Design-Build delivery method by the RTC Board of Commissioners following the passage of AB413 for fuel tax index Bill

Schedule:

Planning:

Complete

Environmental:

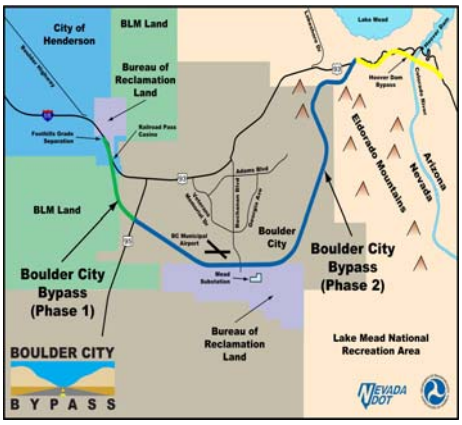
Complete

Final Design:

2014-2015

Construction:

2015-2018



Project Cost Range:

(Planning phase estimates)

Engineering:

$15 - $25 million

Right-of-Way:

$2 - $4 million

Construction:

$250 - $350 million

Total Project Cost:

$270 - $380 million

Project Benefits:

- Reduce congestion of US 93 through Boulder City
- Provide additional safety to existing US 93 within Boulder City
- Decrease travel time from Las Vegas to Nevada/Arizona border

What's Changed Since Last Update?

- Scope - Package 4 of Phase 1 was eliminated by splitting into two segments. The southern half was incorporated into Phase 2 project limits
- Schedule - RTC of Southern NV to proceed with Design/Build: RFP issued 4/14/14 with an anticipated NTP in Dec 2014
- Cost - Currently the RTC has a construction cost estimate of approximately $275 million

Project risks:

- Aggressive procurement schedule - need to start construction Fall 2014
- Unit price escalation may affect project cost.
- Difficult design & construction issues in a mountainous terrain may affect cost & schedule.
- A study was published announcing the presence of Naturally Occurring Asbestos in the project vicinity. Further studies are necessary to quantify the amount of asbestos.
- Final reports for NOA testing have been published and can be found on the main project website at www.bouldercitybypass.com

Financial Fine Points(Key Assumptions):

- Total funding Expended (Engineering & Right-of-Way): $3,198,701
- Total funding Expended for BC Bypass environmental studies (all phases): $5,199,679
- Inflation escalation (4%) is to 2016 approximate midpoint of construction.
- RTC Southern Nevada to fund majority of work using AB413 fuel tax indexing revenues

% Design Complete 0 50 100

% ROW Complete 0 50 100

October 2014

US 95 Northwest - Phase 2A

Ann Road to Durango Drive

Project Sponsor: NDOT

Project Manager: Jenica Keller, P.E.

(775) 888-7321

Project Description:

- This is the second phase of the US 95 Northwest Project that extends from Washington Avenue to Kyle Canyon Road
- Alleviate congestion within the corridor by increasing capacity
- Project length (2A): 3.04 miles
- This project will be constructed in 2 phases
- Phase 2A : Ann Road to Durango Drive (widen to 8 lanes)
- Phase 2B: Durango Drive to Kyle Canyon Road (widen to 6 lanes)

Schedule:

Planning:

Complete

Environmental:

Complete

Final Design:

Complete

Advertise:

Complete

Construction:

Start April 2014 - Complete

1st Quarter 2016

Project Cost Range:

(Construction Phase Estimates):

Engineering (All Phases):

$2 - $3 million

Right of Way (All Phases):

$0, No acquisitions required

Construction (All Phases):

$77 - $85 million

Construction (Phase 2A):

$40 - $44 million

Total Project Cost (All Phases):

$79 - $88 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:

- Change in site conditions
- Contractor delays

Financial Fine Points(Key Assumptions):

- Total funding expended for Phase 2: $8.75 million
- Total funding expended for US 95 Northwest Environmental Studies (all phases): $5 million
- Funding source:
- Federal: $36.2 million
- State: $1.9 million
- Local: $1.5 million

% Design Complete 0 50 100

% Construction Complete 0 50 100

October 2014

NEVADA DOT

US 95 Northwest - Phase 2B

Durango Drive to Kyle Canyon Road

Project Sponsor: NDOT

Project Manager: Jenica Keller , P.E.

(775) 888-7321

Project Description:

- This is the second phase of the US 95 Northwest Project that extends from Washington Avenue to Kyle Canyon Road
- Alleviate congestion within the corridor by increasing capacity
- Project length (2B): 2.45 miles
- This project will be constructed in 2 phases
- Phase 2A: Ann Road to Durango Drive (widen to 8 lanes)
- Phase 2B: Durango Drive to Kyle Canyon Road (widen to 6 lanes)

Schedule:

Planning :

Complete

Environmental :

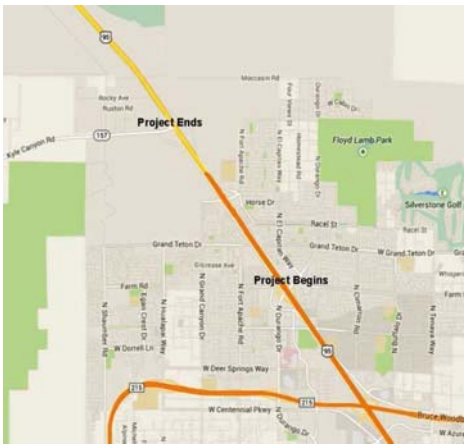
Complete

Final Design:

Complete in 2017

Advertise:

2017



Project Cost Range:

(Environmental Phase Estimates):

Engineering (All Phases):

$2 - $3 million

Right of Way (All Phases):

$0, No acquisitions required

Construction (All Phases):

$77 - $85 million

Construction (2B):

$37 - $41 million

Total Project Cost (All Phases) :

$79 - $88 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 - Updated to match NDOT 5 year plan
- Cost - No change

Project risks:

- Unit price escalation may affect project cost
- Complex design issues may impact schedule and scope
- Complex right of way and utilities issues may impact schedule and cost

Financial Fine Points(Key Assumptions):

- Total funding expended for Phase 2: $8.75 million
- Total funding expended for US 95 Northwest Environmental Studies (all phases) : $5 million
- Inflation escalation (2.7%) to midpoint of construction in 2018.
- Funding source : TBD

% Design complete 0 50 100

October 2014

NEVADA DOT

US 95 Northwest - Phase 3A

Clark County 215 Interchange

Project Sponsor: NDOT, City Las Vegas and Clark County

Senior Project Manager: Jenica Keller, P. E.

(775) 888-7321

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 project is anticipated to be constructed in 5 phases
- Phase 3A: Ramps providing north to east, west to south and east to south movements as well as regional flood control facilty work (2015)
- Phase 3B: Major utility relocations (2018)
- Phase 3C: Widen CC215 interchange at Sky Pointe, provide local access to Sky Pointe and Centennial (2021)
- Phase 3D: Widen CC215 interchange at John Hebert and provide local access to Oso Blanca (2024)
- Phase 3E: Final interchange ramps (2027)

Schedule:

Planning:

Complete

Environmental:

Complete

Final Design:

Complete 3rd Quarter 2015

Advertise:

3rd Quarter 2015

Project Cost Range:

(Final Design Phase Estimates):

Engineering (All Phases):

$13.6 - $14.3 million

Right-of-Way (All Phases):

$0 - $0.4 million

Construction (All Phases):

$219 - $276 million

Construction (3A):

$48 - $53 million

Total Project Cost (All Phases):

$233 - $290 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 - Added regional flood control facility work

Project risks:

- Unit price escalation may affect project cost
- Complex right of way and utility issues may impact schedule and costs.

Financial Fine Points(Key Assumptions):

- Total funding expended for Phase 3: $6.5 million
- Total funding expended for US 95 Northwest Environmental Studies (all phases): $5 million
- Inflation escalation (4%) to midpoint of construction 2017
- Funding source:
- Federal: $25 million
- State: $1.3 million
- Local: $31.7 million

% Design Complete 0 50 100

% ROW Complete 0 50 100

October 2014

NEVADA DOT

US 95 Northwest - Phase 3B

Clark County 215 Interchange

Project Sponsor: NDOT, City Las Vegas and Clark County

Senior Project Manager: Jenica Keller, P.E.

(775) 888-7321

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 project is anticipated to be constructed in 5 phases
- Phase 3A: ramps providing north to east, west to south and east to south movements as well as regional flood control facility work (2015)
- Phase 3B: major utility relocations (2018)
- Phase 3C: widen CC 215 interchange at Sky Pointe, provide local access to Sky Pointe and Centennial (2021)
- Phase 3D: widen CC 215 interchange at John Herbert and provide local access to Oso Blanca (2024)
- Phase 3E: final interchange ramps (2027)

Schedule:

Planning:

Complete

Environmental:

Complete

Final Design:

Ongoing

Project Cost Range:

(Environmental Phase Estimates):

Engineering (All Phases):

$13.6 - $14.3 million

Right of Way (All Phases):

$0 - $0.4 million

Construction (All Phases):

$219 - $276 million

Construction (3B):

$17.1 million

Total Project Cost (All Phases):

$233 - $290 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: $6.5 million
- Total funding expended for US 95 Northwest Environmental Studies (all phases): $5 million
- 3B: inflation escalation (4%) to midpoint of construction 2019
- Funding source: TBD

% Design Complete 0 50 100

% ROW Complete 0 50 100

October 2014

NEVADA DOT

US 95 Northwest - Phase 3C

Clark County 215 Interchange

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

Senior Project Manager: Jenica Keller, P.E.

(775) 888-7321

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 project is anticipated to be constructed in 5 phases
- Phase 3A: ramps providing north to east, west to south and east to south movements as well as regional flood control facility work (2015)
- Phase 3B: major utility relocations (2018)
- Phase 3C: widen CC 215 interchange at Sky Pointe, provide local access to Sky Pointe and Centennial (2021)
- Phase 3D: widen CC 215 interchange at John Herbert and provide local access to Oso Blanca (2024)
- Phase 3E: final interchange ramps (2027)

Schedule:

Planning:

Complete

Environmental:

Complete

Final Design:

Ongoing

Project Cost Range:

(Environmental Phase Estimates):

Engineering (All Phases):

$13.6 - $14.3 million

Right of Way (All Phases):

$0 - $0.4 million

Construction (All Phases):

$219 - $276 million

Construction (3C):

$83.9 million

Total Project Cost (All Phases):

$233 - $290 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: $6.5 million
- Total funding expended for US 95 Northwest Environmental Studies (all phases): $5 million
- 3C: inflation escalation (4%) to midpoint of construction 2025
- Funding source: TBD

% Design Complete 0 50 100

% ROW Complete 0 50 100

October 2014

US 95 Northwest - Phase 3D

Clark County 215 Interchange

Project Sponsor: NDOT, City Las Vegas and Clark County

Senior Project Manager: Jenica Keller, P.E.

(775) 888-7321

Project Description:

- This is the thris 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 project is anticipated to be constructed in 5 phases
- Phase 3A: ramps providing north to east, west to south and east to south movements as well as regional flood control facility work (2015)
- Phase 3B: major utility relocations (2018)
- Phase 3C: widen CC 215 interchange at Sky Pointe, provide local access to Sky Pointe and Centennial (2021)
- Phase 3D: widen CC 215 interchange at John Herbert and provide local access to Oso Blanca (2024)
- Phase 3E: final interchange ramps (2027)

Schedule:

Planning:

Complete

Environmental:

Complete

Final Design:

Ongoing

Project Cost Range:

(Environmental Phase Estimates):

Engineering (All Phases):

$13.6 - $14.3 million

Right of Way (All Phases):

$0 - $0.4 million

Construction (All Phases):

$219 - $276 million

Construction (3D):

$90.9 million

Total Project Cost (All Phases):

$233 - $290 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: $6.5 million
- Total funding expended for US 95 Northwest Environmental Studies (all phases): $5 million
- 3D: inflation escalation (4%) to midpoint of construction 2025
- Funding source: TBD

% Design Complete 0 50 100

% ROW Complete 0 50 100

October 2014

NEVADA DOT

US 95 Northwest - Phase 3E

Clark County 215 Interchange

Project Sponsor: NDOT, City Las Vegas and Clark County

Senior Project Manager: Jenica Keller, P.E.

(775) 888-7321

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
- This project is anticipated to be constructed in 5 phases
- Phase 3A: ramps providing north to east, west to south and east to south movements as well as regional flood control facility work (2015)
- Phase 3B: major utility relocations (2018)
- Phase 3C: widen CC 215 interchange at Sky Pointe, provide local access to Sky Pointe and Centennial (2021)
- Phase 3D: widen CC 215 interchange at John Herbert and provide local access to Oso Blanca (2024)
- Phase 3E: final interchange ramps (2027)

Schedule:

Planning:

Complete

Environmental:

Complete

Final Design:

Ongoing

Project Cost Range:

(Environmental Phase Estimates):

Engineering (All Phases):

$13.6 - $14.3 million

Right of Way (All Phases):

$0 - $0.4 million

Construction (All Phases):

$219 - $276 million

Construction (3E):

$21.7 million

Total Project Cost (All Phases):

$233 - $290 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
- Schedue - 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: $6.5 million
- Total funding expended for US 95 Northwest Environmental Studies (all phases): $5 million
- 3E: Inflation escalation (4%) to midpoint of construction 2028
- Funding source: TBD

% Design Complete 0 50 100

% ROW Complete 0 50 100

October 2014

US 95 Northwest - Phase 5

Kyle Canyon Road Interchange

Project Sponsor: City of Las Vegas and NDOT

Senior Project Manager: Jenica Keller, P.E.

(775) 888-7321

Project Description:

- This is the fifth phase of the US 95 Northwest Project that extends from Washington Ave to Kyle Canyon Road
- Alleviate congestion within the corridor by increasing capacity
- Provide new and improved freeway connections to improve regional connectivity, consistent with land use planning
- Construct new interchange at Kyle Canyon Road

Schedule:

Planning:

Complete

Environmental:

Complete

Final Design:

TBD

Construction:

TBD

Project Cost Range:

Engineering:

$2.5 - $3 million

Right-of-Way:

$1 - $1.5 million

Construction:

$32 - $36.5 million

Total Project Cost:

$35.5 - $41 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 design issues may impact schedule and scope
- Complex right of way and utility issues may impact schedule and costs.

Financial Fine Points(Key Assumptions):

- Total Expended for Final Design: $0 (Design phase not started)
- Total Expended for Environmental Studies (all US 95 Northwest phases): $5 million
- Inflation escalation (4%) to midpoint of Construction in 2027
- Funding source: TBD

Design complete 0 — 50 — 100

October 2014

I 80 Robb to Vista

Project Sponsor: NDOT

Senior Project Manager: Jeff Lerud

(775) 888-7589

Robb to Vista I-80 Keeping Reno/Sparks Moving

Project Description:

- Make operational and capacity improvements to I-80 from Robb Drive to Vista Blvd.
- Make operational and capacity improvements to the I-80/I-580 interchange (Spaghetti Bowl)
- Early Action and Phase 1 (I-80 Robb to Vista Design-Build) projects from Washoe County Freeway Corridor Study scoping report completed.
- Phase II scoping will commence after completion of the I-80 Robb to Vista design/build project.
- Project Length: 10.4 miles

Schedule:

Planning:

2008 - 2014

Environmental:

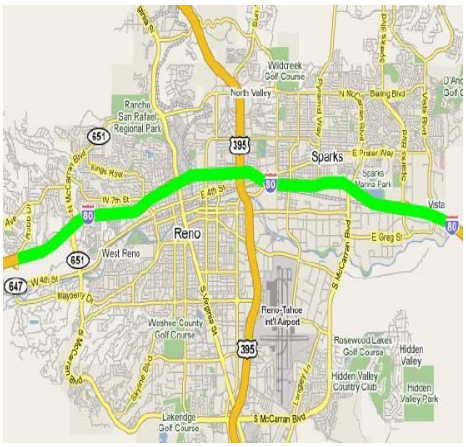
TBD

Final Design:

TBD

Construction:

TBD



Project Cost Range:

(Planning Phase Estimates)

Engineering:

$85 - $105 million

Right-of-Way:

$95 - $125 million

Construction:

$900 - $1.1 billion

Total Project Cost:

$1.08 billion - $1.33 billion

Project Benefits:

- Improve operations and capacity along I-80.
- Improve safety
- Provide better connectivity between I-80 and I-580/US 395.
- Accommodate future projected traffic.

What's Changed Since Last Update?

- Scope - No change
- Schedule - Planning extended
- Cost - No change

Project risks:

- Limited Right-of-Way
- Phase II and beyond unfunded- delay in identifying needed funds will affect schedule and increase costs.
- Environmental process not started - Project cost, scope and schedule may be impacted.
- Resources may need to be reallocated to higher priority projects - project cost, scope and schedule may be impacted.

Financial Fine Points(Key Assumptions):

- Total Funding Expended by NDOT: $140, 000
- Inflation escalation (4%) is to 2020 approximate midpoint of construction
- Additional Federal, State, and local funding will/may be required

Planning Complete 0 50 100

October 2014

NEVADA DOT

US 395 North - McCarran Blvd to Stead Blvd

Project Sponsor: NDOT

Senior Project Manager: Jeff Lerud, P.E.

(775) 888-7589

Project Description:

- Widen US 395 to increase capacity and improve traffic operations.
- Modify interchange ramps and cross streets as necessary to improve operations.
- Widen bridge structures at Stead, Lemmon Drive, Golden Valley, UPRR, Virginia Street, Panther Valley, Parr Blvd and Clear Acre Lane if necessary.
- Perpetuate drainage features.
- Replace and install new signs.

Schedule:

Planning:

TBD

Environmental:

TBD

Final Design:

TBD

Construction:

TBD

Project Cost Range:

(Planning Phase Estimates)

Engineering:

$7 - $9 million

Right-of-Way:

$3 - $6 million

Construction:

$70 - $85 million

Total Project Cost:

$80 - $100 million

Project Benefits:

- Relieve heavy peak hour congestion and reduces crashes associated with congestion.
- Reduces travel time.
- Improves overall traffic operations.

What's Changed Since Last Update?

- Scope - No Change
- Schedule - The project has been put on hold subject to funding availability.
- Cost - No Change

Project risks:

- Environmental requirements.
- UPRR Clearance and requirements.
- Unknown Right-of-Way and utility impacts.
- Impact of new development in the region.
- Concurrent planning associated with the Pyramid Connector.

Financial Fine Points(Key Assumptions):

- Total funding expended: $50,000
- Inflation escalation (4%) is to approximate mid-point of construction
- No funding has been identified for this project

Planning Complete: 0 — 50 — 100

October 2014

Pyramid Highway/US 395 Connection

Project Sponsor: Washoe County RTC and NDOT

Washoe RTC Project Manager: Doug Maloy, P.E.

NDOT Project Manager: Dale Keller, P.E.

www.pyramidus395connection.com

Phone: (775) 888-7603

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 - 2015

Final Environmental Impact Statement (FEIS):

Winter 2014

Record of Decision (ROD):

Spring 2015

Final Design:

TBD

Construction:

TBD

Project Cost Range:

(Planning phase estimates)

Engineering:

$40M - $60M

Right-of-Way:

$100M - $150M

Construction:

$410M - $660M

Total Project Costs:

$550M - $870M

Project Benefits:

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

What's Changed Since Last Update?

- Scope - No change.
- Schedule - No change
- Cost - No change.

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

% Environmental Complete 0 50 100

October 2014

US 395 Carson City Freeway - Phase 2B

South Carson Street to Fairview Drive

Project Sponsor: NDOT

Senior Project Manager: Jeff Lerud

(775) 888-7589

Project Description:

- This project will be delivered in four packages. Construction is complete for Phase 2B Packages 1 & 2.
- Phase 2B Package 3 & 4 will complete the remainder of the project
- Construct 3 miles of 4 lane access controlled Freeway which will complete the nine mile system around the state Capitol.
- Complete the interchange at Fairview Drive - providing full traffic movements.
- Construct the South Carson Street Interchange.
- Construct over four miles of sound walls to mitigate traffic noise.
- Construct flood control facilities including detention basins, channels, box culverts, and the Freeway drainage system.
- Project length: 3.37 miles.

Schedule:

Planning:

Complete

Environmental:

Complete

Final Design:

TBD

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 3 & 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: $54 million
- Inflation escalation (2.7%) to midpoint of construction in 2017.
- Construction funding source: TBD

% Design Complete 0 50 100

% ROW Complete 0 50 100

October 2014

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 September 30, 2014, the I-15 South Corridor – Cactus Avenue Interchange project was completed. This project was completed within budget, ahead of schedule and remained within the planned scope of work. Although the interchange was open to traffic for the Labor Day holiday weekend, the official ribbon cutting took place on September 19, 2014.