



South Carson Complete Streets Project

Regional Transportation Commission
November 14, 2018

Project Background



2014

- BOS approved plan of expenditures for facility and corridor projects- including South Carson Street corridor

2016 and 2017

- Conducted corridor study for the South Carson Complete Streets Project

April 2018

- Awarded \$7.57 million TIGER grant for the South Carson Complete Streets Project

July/August 2018

- Assembled design team and initiated design for the South Carson Complete Streets Project

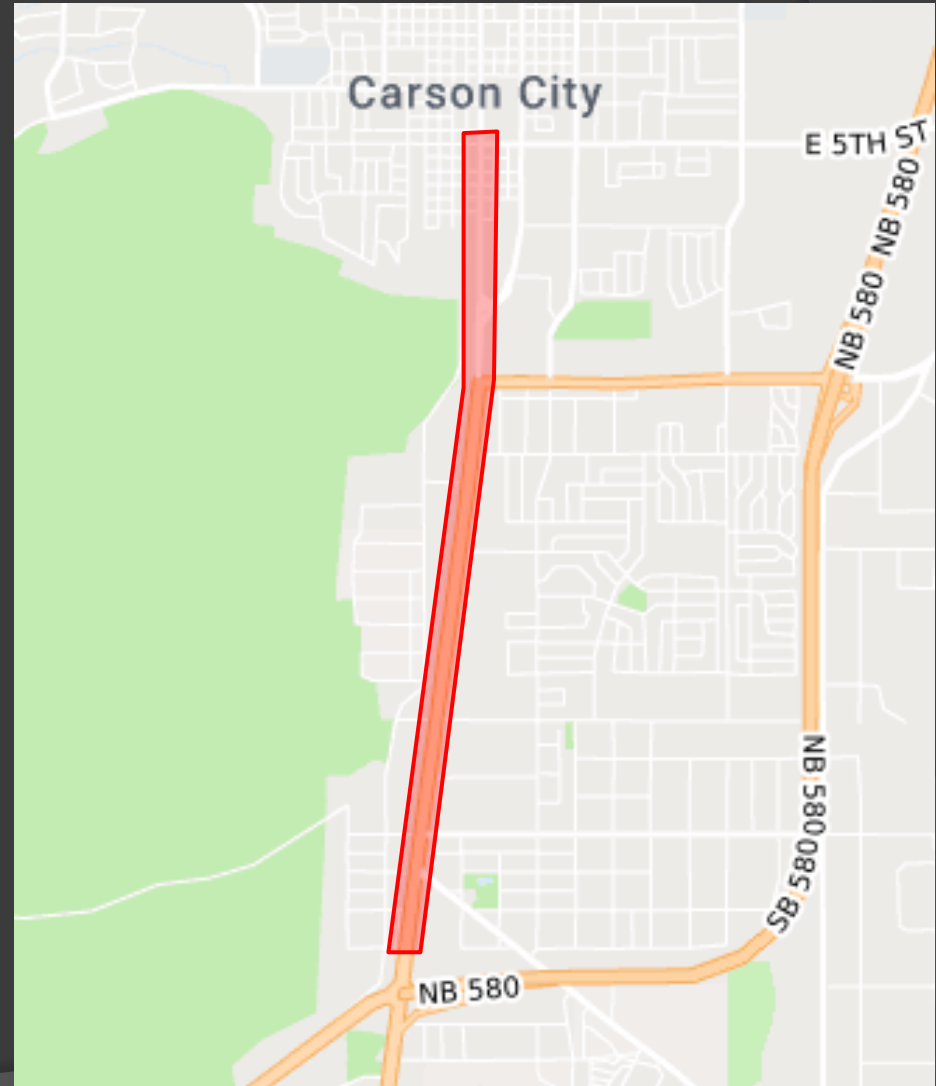
October 2018

- Public outreach to businesses
- Completed 30% design

Project Overview



- Storm drainage
- Landscaping
- Multi-use path
- Enhanced business access
- Street lighting
- Frontage road
- Roundabout
- Illuminated pedestrian crossings
- Utility improvements

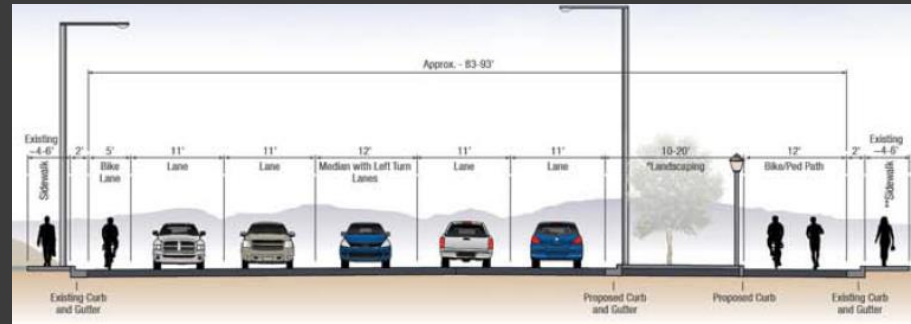




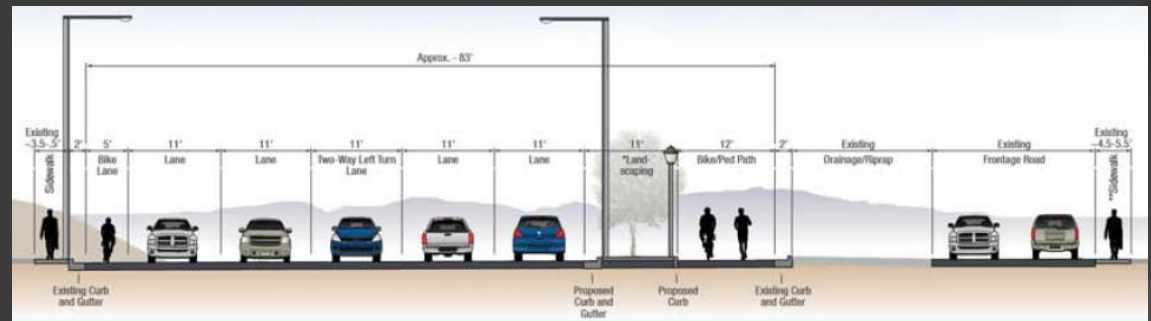
Project Overview

- Conducted 2 public meetings (September 2016 & March 2017) to select preferred street cross sections:

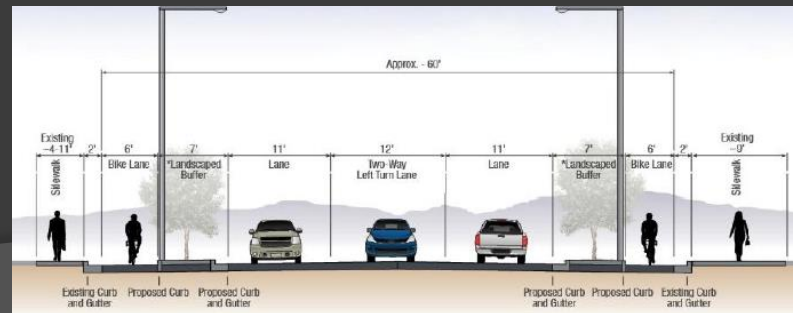
Snyder to Stewart



Snyder to Stewart (Frontage Road)



Stewart to 5th





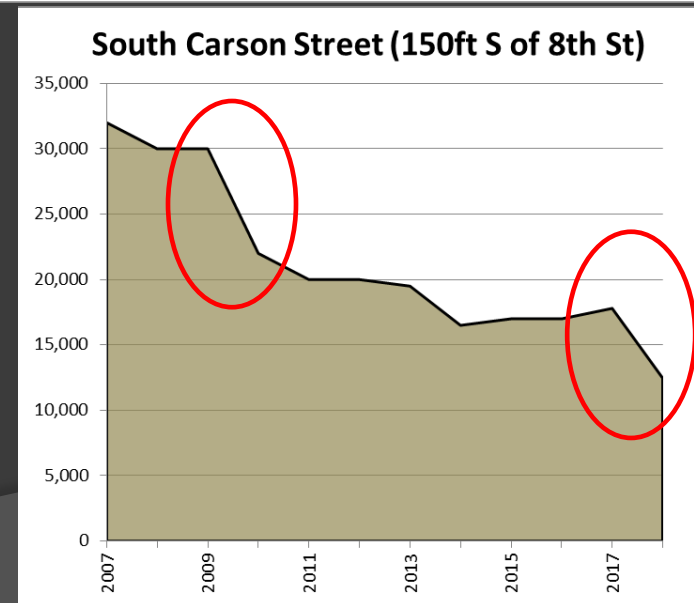
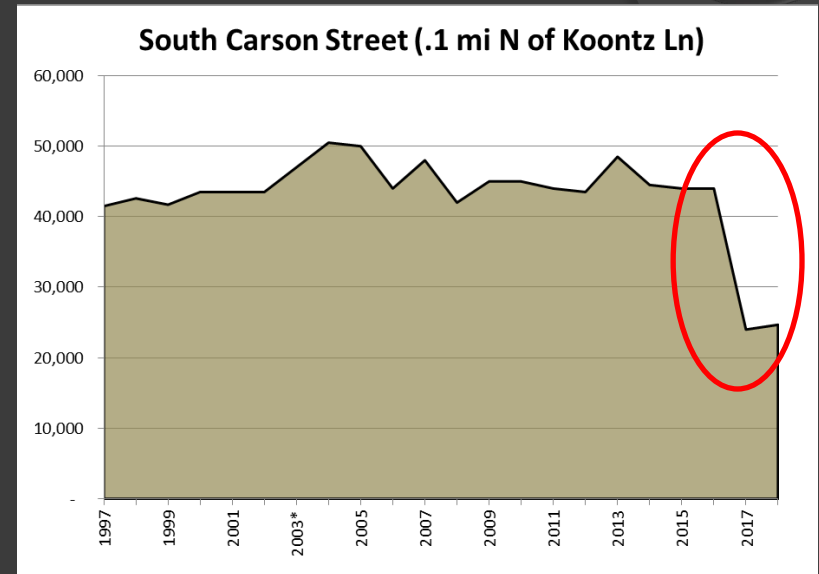
Public Outreach

- 248 businesses visited over 2 weeks in October
- Discussed project features, timeline and opportunities to stay connected through design and construction
- Majority of businesses were extremely positive about the project
- Comments:
 - Impacts during construction
 - Landscaping obstructing business signage
 - Pedestrian crossings
 - Existing raised center medians
 - Trucks in roundabout
 - Traffic congestion with lane reductions

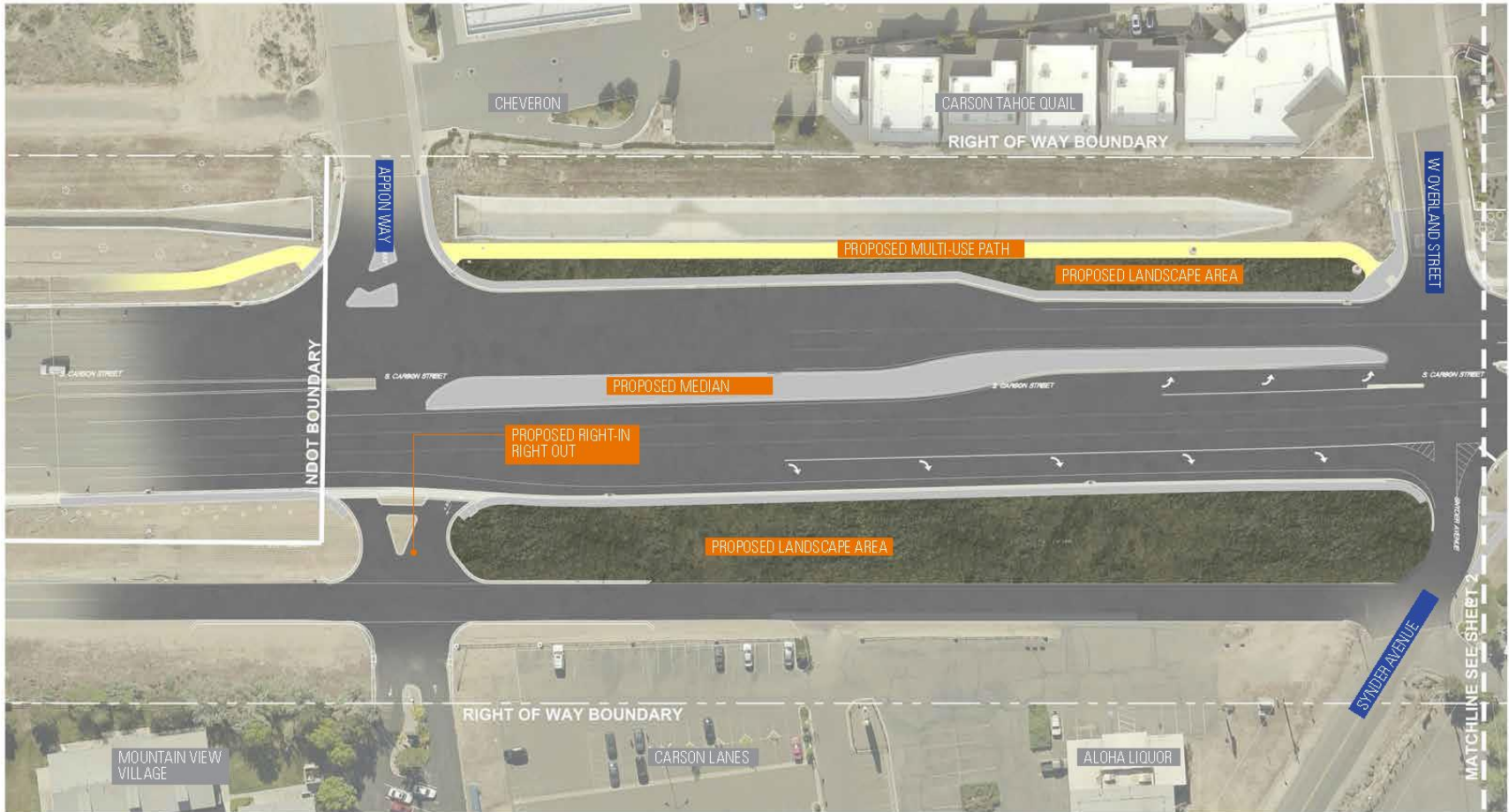
Traffic Reductions



- South of Fairview
 - > 40% reduction since opening of Phase 2B of I-580 in 2017
- Fifth to Stewart
 - 33% reduction with opening of Phase 2A of I-580 in 2009 and 30% reduction since opening of Phase 2B of I-580 in 2017
- Traffic demand modeling- Existing and 2040
- Optimize signal timing



30% Design Exhibit



SHEET 1 APPION TO SNYDER



SOUTH CARSON STREET
CARSON CITY, NV

DESIGNWORKSHOP
NOVEMBER 2018

30% Design Exhibit



SHEET 2 SNYDER TO CLEARVIEW DRIVE



SOUTH CARSON STREET
CARSON CITY, NV

DESIGNWORKSHOP
NOVEMBER 2018

30% Design Exhibit



SHEET 3 CLEARVIEW DRIVE TO CASINO FANDANGO



SOUTH CARSON STREET
CARSON CITY, NV

DESIGNWORKSHOP
NOVEMBER 2018

30% Design Exhibit



SHEET 4 CASINO FANDANGO TO KOONTZ



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DESIGNWORKSHOP
NOVEMBER 2018

30% Design Exhibit



SHEET 5 MOSES & FRONTAGE ROAD



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NOVEMBER 2018

30% Design Exhibit



SHEET 6 FRONTAGE ROAD



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SHEET 7 FRONTAGE ROAD



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SHEET 8 FRONTAGE ROAD



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NOVEMBER 2018

30% Design Exhibit



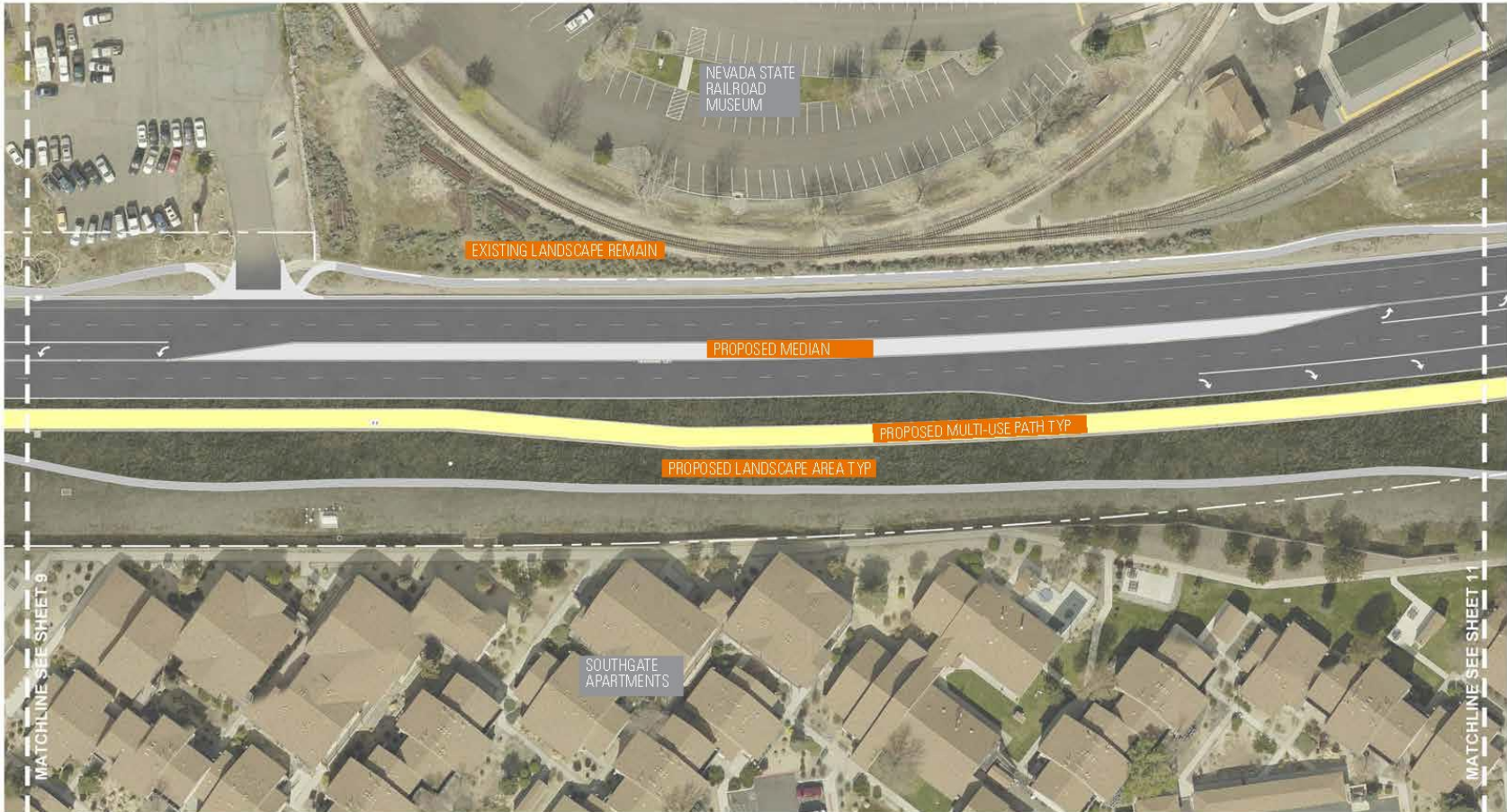
SHEET 9 FRONTAGE ROAD TO COLORADO ST



SOUTH CARSON STREET
CARSON CITY, NV

DESIGNWORKSHOP
NOVEMBER 2018

30% Design Exhibit



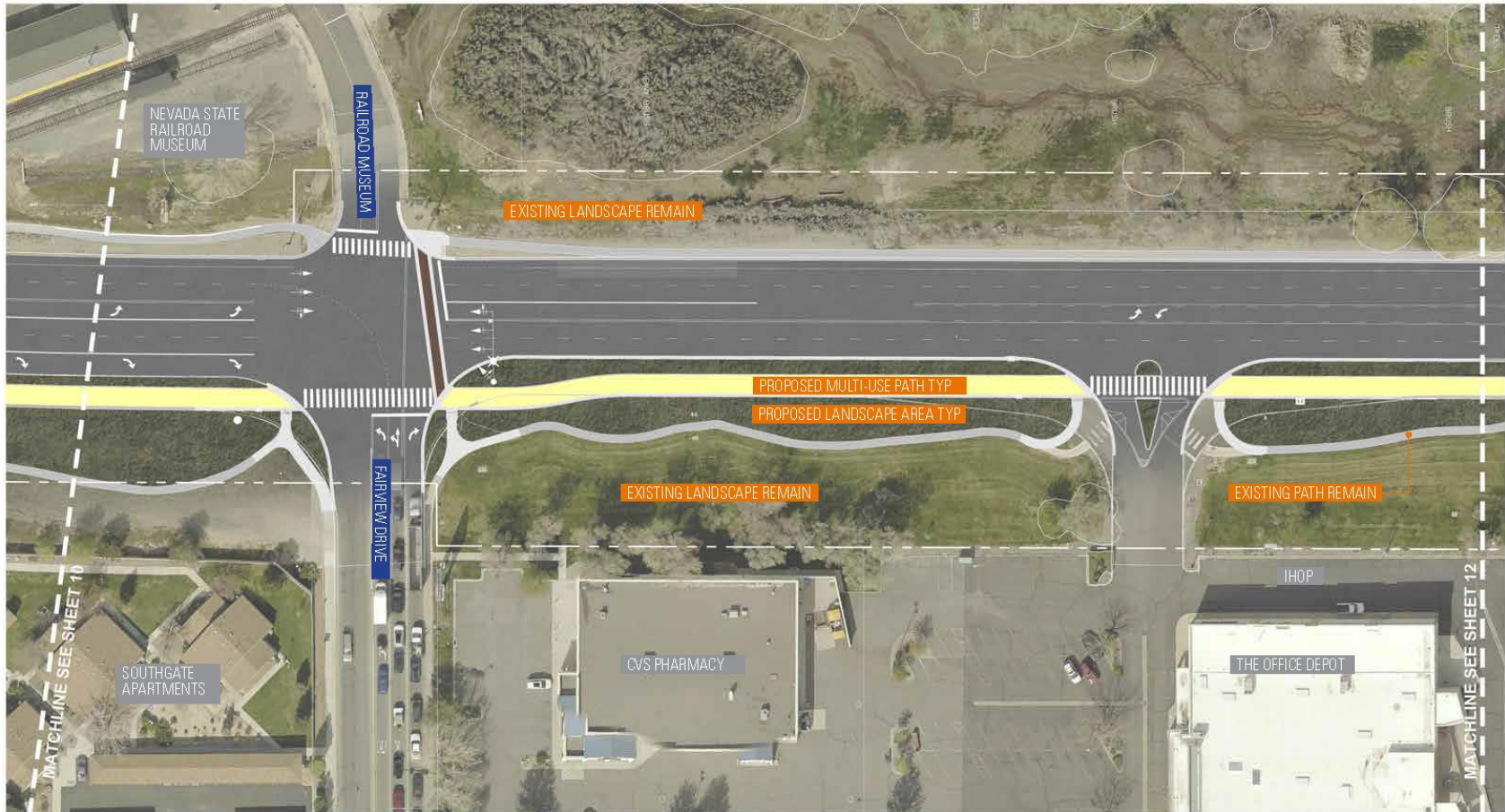
SHEET 10 STATE RAILROAD MUSEUM



SOUTH CARSON STREET
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NOVEMBER 2018

30% Design Exhibit



SHEET 11 SOUTHGATE APT TO STEWART



SOUTH CARSON STREET
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NOVEMBER 2018

30% Design Exhibit



SHEET 12 STEWART ROUND-A-BOUT

SOUTH CARSON STREET
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DESIGNWORKSHOP
NOVEMBER 2018

30% Design Exhibit



SHEET 13 CARSON MALL

SOUTH CARSON STREET
CARSON CITY, NV



DESIGNWORKSHOP
NOVEMBER 2018

30% Design Exhibit



SHEET 14 CARSON MALL TO 8TH ST



SOUTH CARSON STREET
CARSON CITY, NV

DESIGNWORKSHOP
NOVEMBER 2018

30% Design Exhibit



SHEET 15 ARCO TO 5TH ST



SOUTH CARSON STREET
CARSON CITY, NV

DESIGNWORKSHOP
NOVEMBER 2018

Stewart Street Roundabout



- Design highlights:
 - LOS A for all legs and all times except westbound PM peak 2040 scenario.
 - Decreased O&M costs
 - Improved safety- Significant anticipated crash reduction from 3/year to 1.6/year (Societal cost savings of \$2.8M)
 - Single lane roundabout = easier to navigate
 - Provides gateway to the City

Preferred Option- Single lane roundabout with northbound and southbound bypasses



Kimley»Horn

Expect More. Experience Better.



Project Funding

- Total Project Funding: **\$18,696,000**

Redevelopment = \$205,000

Infrastructure = \$1,040,000

TIGER = \$7,570,000

State = \$6,251,000

Stormwater = \$2,900,000

Water = \$450,000

Sewer = \$280,000

- Project Cost Breakdown:

Planning/Design (6%) = \$1,098,000

Permitting/Utilities (0.5%) = \$91,000

Construction Mgmt./Inspection/Testing (3%) = \$550,000

Construction (90.5%) = \$16,957,000



Schedule

- Design milestones:
 - January/February 2019- 60% design
 - April/May 2019- 90% design
 - June/July 2019- Final design

- Public meetings and workshops:
 - December 11, 2018- General informational meeting
 - January/February 2019- Project workshop & survey

- Board and committee updates (RACC, RTC, BOS):
 - January/February 2019- 60% design update
 - April/May 2019- 90% design update

- Construction- Start by end of 2019



Project Communication Tools

- ◉ CarsonProud.com
- ◉ Text subscription service
- ◉ Social media
- ◉ Construction map
- ◉ Construction hotline

**TEXT CARSON PROUD
TO 31996 TO SIGN
UP FOR MOBILE
MESSAGING.**

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CARSONPROUD.COM
TO SIGN UP FOR WEEKLY
E-NOTIFICATIONS**

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South Carson Complete Streets Project