



STAFF REPORT

Report To: Board of Supervisors **Meeting Date:** May 16, 2019

Staff Contact: Darren Schulz, Public Works Director

Agenda Title: For Possible Action: Discussion and possible action regarding approval of the 60% design of the South Carson Complete Streets Project and Board direction to staff relating to the advancement of the project to the 90% design stage. (Dan Stucky, DStucky@carson.org)

Staff Summary: The Carson City project manager and design team will present the 60% design for the South Carson Complete Streets Project.

Agenda Action: Formal Action / Motion **Time Requested:** 15 minutes

Proposed Motion

I move to approve the 60% design of the South Carson Complete Streets Project and authorize staff to advance the project to the 90% design stage.

Board's Strategic Goal

Economic Development

Previous Action

N/A

Background/Issues & Analysis

The South Carson Complete Streets Project plans to convert the large South Carson Street corridor into more productive uses that facilitate comfortable, convenient, and safe travel for pedestrians and cyclists; improve access to abutting businesses; spur private investment in this important and vibrant commercial corridor; increase driver safety; and prepare Carson City for future Smart City advancements. The project limits are from the intersection of South Carson Street and 5th Street, south to the intersection of South Carson Street and I-580/US 50. The project includes pedestrian safety measures, ADA-compliant sidewalks and curb ramps, narrowed travel lanes, a buffered multi-use path, dedicated bicycle facilities, a roundabout, critical improvements to stormwater infrastructure, improved business access, public art, lighting fixtures, new signals, upgrades to the water and sewer systems, and fiber optic communications improvements that will complete the City's core communications ring. Construction is anticipated to start near the end of 2019. Public Works staff will provide a presentation and be available to answer questions.

On June 14, 2017, the Regional Transportation Commission (RTC) approved the South Carson Street Conceptual Complete Streets Study. The study incorporated extensive public outreach and industry best practices to develop conceptual designs. The recommended design in the study has documented support from the businesses and property owners along the corridor as well as bicycle and pedestrian advocates.

In the spring of 2018, Carson City was awarded a Transportation Investment Generating Economic Recovery (TIGER) grant for \$7.57 million. The highly competitive TIGER grant was awarded by the United States Department of Transportation, which described the project as an important investment in Carson City's

infrastructure with a focus to improve pedestrian safety and mobility in the area, and enhance commercial and business access.

Carson City staff contracted with Traffic Works, an independent traffic engineering firm, to conduct an Intersection Alternatives Evaluation in June 2018. The evaluation was designed to be an objective assessment of intersection control alternatives for South Carson Street through the entire project corridor. The analysis concluded that the South Carson Street at Stewart Street intersection is an effective location for a roundabout, considering: existing right-of-way availability, capacity to potentially support a future connection to South Curry Street, location is compatible with the coordinated signal system along the corridor, and ability for the intersection to serve as a transitional gateway feature to the revitalized downtown area.

Carson City staff conducted a field tour during the weeks of October 15 and October 22 of 2018 to visit the businesses along the project corridor. Staff provided an overview of the project and project schedule, gathered feedback, and discussed various communication tools for the public to stay connected during the design and construction process. A public meeting was also held on December 11, 2018 to present the project and gather feedback from the community.

On December 20, 2018, the Board of Supervisors reviewed and approved the 30% design and authorized staff to advance the design to the 60% design stage.

On March 13, 2019, the RTC reviewed the design, provided comments and recommended approval of the 60% design to the Board of Supervisors.

On April 12, 2019, a public workshop was also held to present the 60% design and discuss project specifics with the general public.

The following is a tentative schedule of remaining key milestones leading up to final design of the project:

- May 6, 2019 – Redevelopment Authority Citizens Committee (RACC) meeting: Review and comment on “60%” project design.
- May 16, 2019 – Carson City Board of Supervisors (BOS) meeting: Review and comment on “60%” project design.
- July/August 2019 – RTC, BOS, and RACC meetings: Review and comment on “90%” project design.
- August/September 2019 – Complete project design.

If you have any questions regarding the South Carson Complete Streets Project, you can contact Tom Grundy, Senior Project Manager, at tgrundy@carson.org/283-7081 or Dan Stucky, City Engineer, at dstucky@carson.org/283-7084.

Attachments:

1. March 13, 2019 Presentation to RTC

Applicable Statute, Code, Policy, Rule or Regulation

N/A

Financial Information

Is there a fiscal impact? No

If yes, account name/number: N/A

Is it currently budgeted? Yes

Explanation of Fiscal Impact: N/A

Alternatives

N/A

Attachments:

[2019_0313 RTC-South Carson Complete Streets Project.pdf](#)

Board Action Taken:

Motion: _____

1) _____

2) _____

Aye/Nay

(Vote Recorded By)



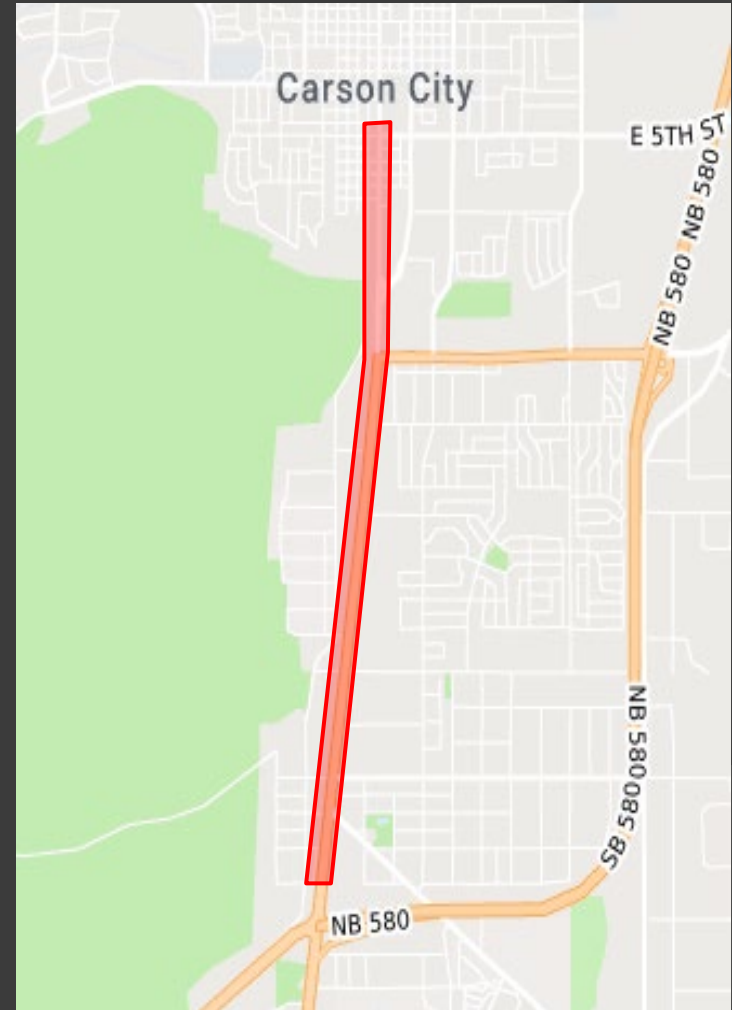
South Carson Complete Streets Project

Regional Transportation Commission
March 13, 2019

Presentation Outline



- Project status update
- 30% RTC comment resolution
- Review updated illustrative drawings
- Project schedule update
- Communication tools



Project Limits



Project Status Update

- Public meeting on 12/11
- 30% update to RACC (12/3) and BOS (12/20)
- Meeting with Historical Resources Commission on 1/10
- Design progression from 30% to 60%
- Carson Proud website updates, including illustrative plans and flyover video



30% RTC Comment Resolution



- ◎ Deceleration lanes/turn pockets:
 - Adding northbound right turn pocket at Koontz
 - Lengthening northbound right turn pocket at 5th
 - Extending southbound left turn at Eagle Station
 - Extending northbound left at Clearview

- ◎ Utilization of low plants for sight distance, safety, business visibility
 - Yes, incorporated into design

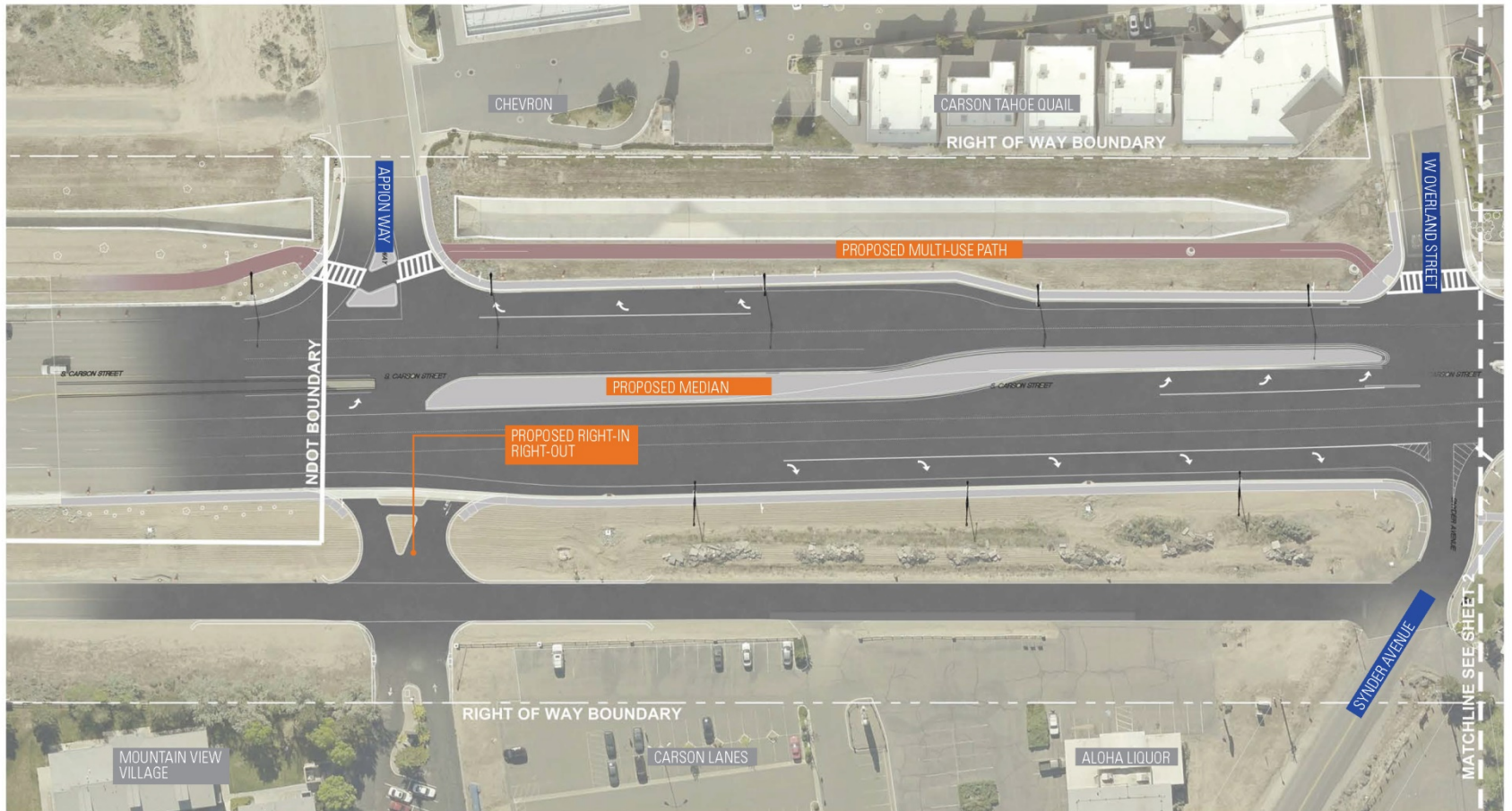
- ◎ Stop signs at driveways?
 - The driver of a vehicle about to enter or cross a highway from a private way shall yield the right-of-way to all vehicles approaching on such highway. (NRS 484B.260)

30% RTC Comment Resolution



- ⦿ Northbound sweeping right at Stewart roundabout encourages high speeds
 - Decreased radius on NB right to Stewart
- ⦿ Concerns about ending multi-use path mid-block
 - Addressed in 60% design- extends to Stewart
 - Refined transition for cyclists from multi-use path to lane at Stewart roundabout
- ⦿ People don't drive roundabouts well at first
 - Developing roundabout educational video and other educational material

60% Design Exhibit



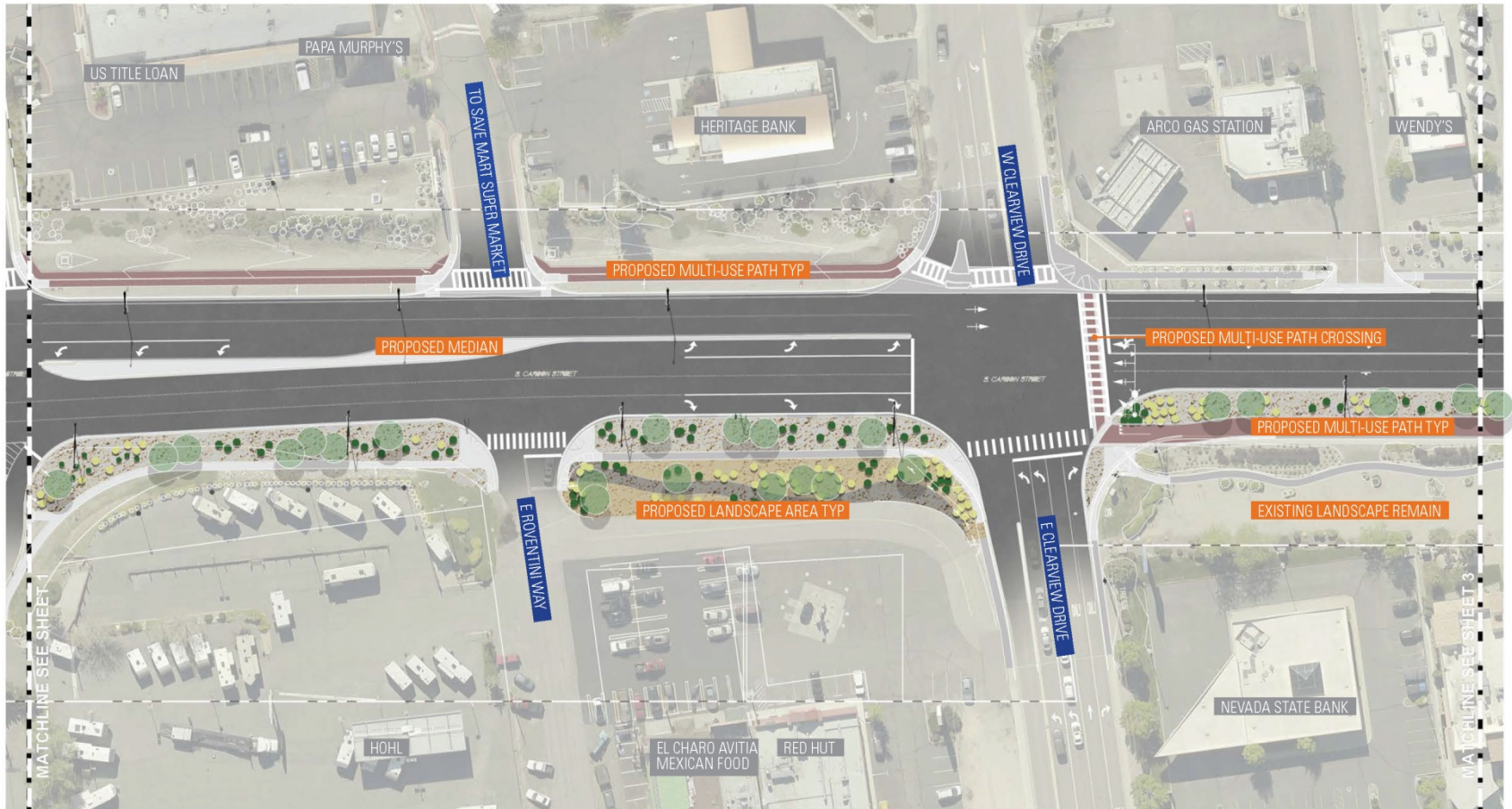
SHEET 1 APPION TO SNYDER

SOUTH CARSON STREET
CARSON CITY, NV



DESIGNWORKSHOP
MARCH 2019

60% Design Exhibit



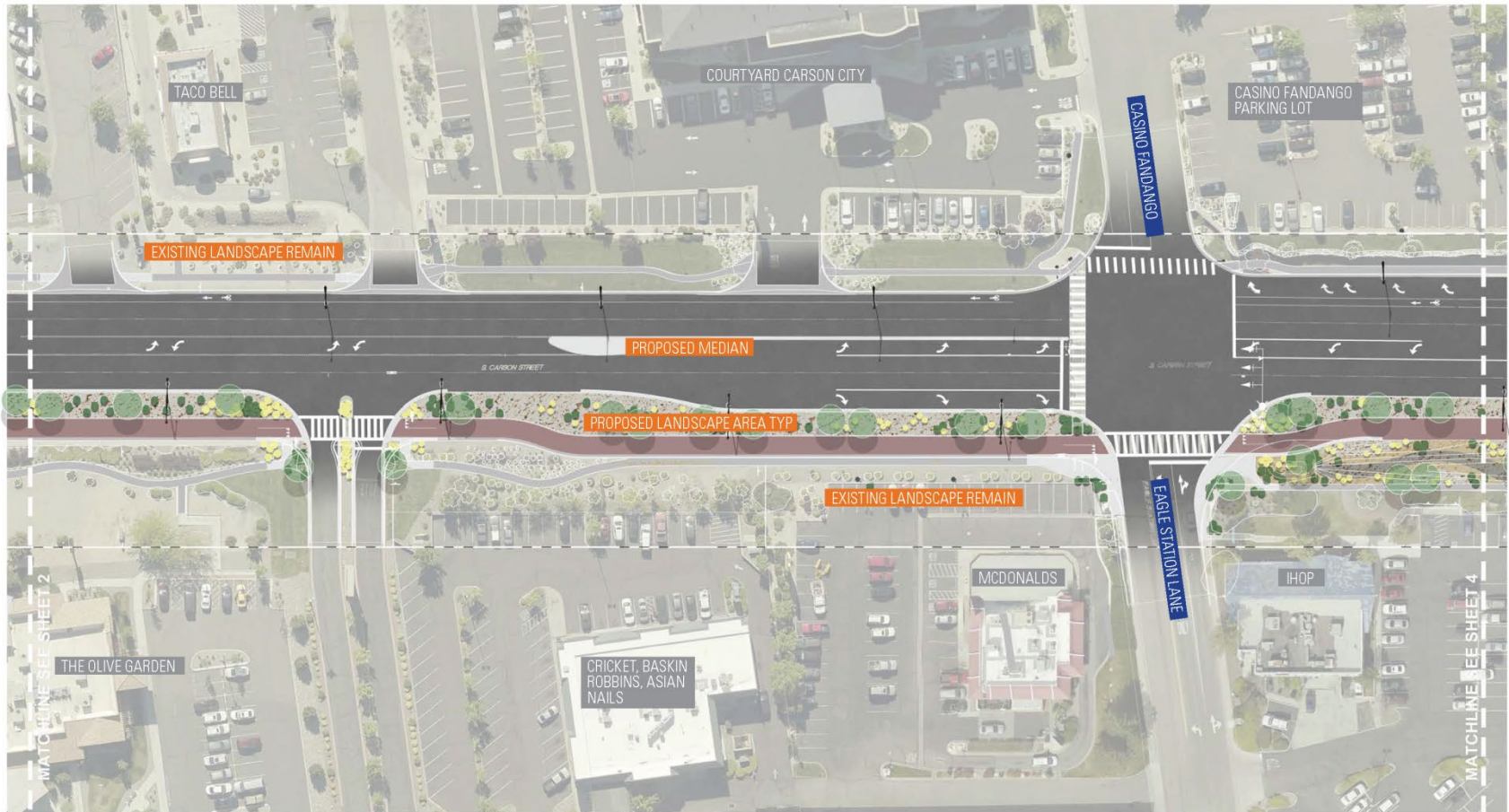
SHEET 2 SNYDER TO CLEARVIEW DRIVE



SOUTH CARSON STREET
CARSON CITY, NV

DESIGNWORKSHOP
MARCH 2019

60% Design Exhibit



SHEET 3 CLEARVIEW DRIVE TO CASINO FANDANGO



SOUTH CARSON STREET
CARSON CITY, NV

DESIGNWORKSHOP
MARCH 2019

60% Design Exhibit



SHEET 4 CASINO FANDANGO TO KOONTZ



SOUTH CARSON STREET
CARSON CITY, NV

DESIGNWORKSHOP
MARCH 2019

60% Design Exhibit



SHEET 5 MOSES & FRONTAGE ROAD



SOUTH CARSON STREET
CARSON CITY, NV

DESIGNWORKSHOP
MARCH 2019

60% Design Exhibit



SHEET 6 FRONTAGE ROAD



SOUTH CARSON STREET
CARSON CITY, NV

DESIGNWORKSHOP
MARCH 2019

60% Design Exhibit



SHEET 7 FRONTAGE ROAD

SOUTH CARSON STREET
CARSON CITY, NV



DESIGNWORKSHOP
MARCH 2019

60% Design Exhibit



SHEET 8 FRONTAGE ROAD



SOUTH CARSON STREET
CARSON CITY, NV

DESIGNWORKSHOP
MARCH 2019

60% Design Exhibit



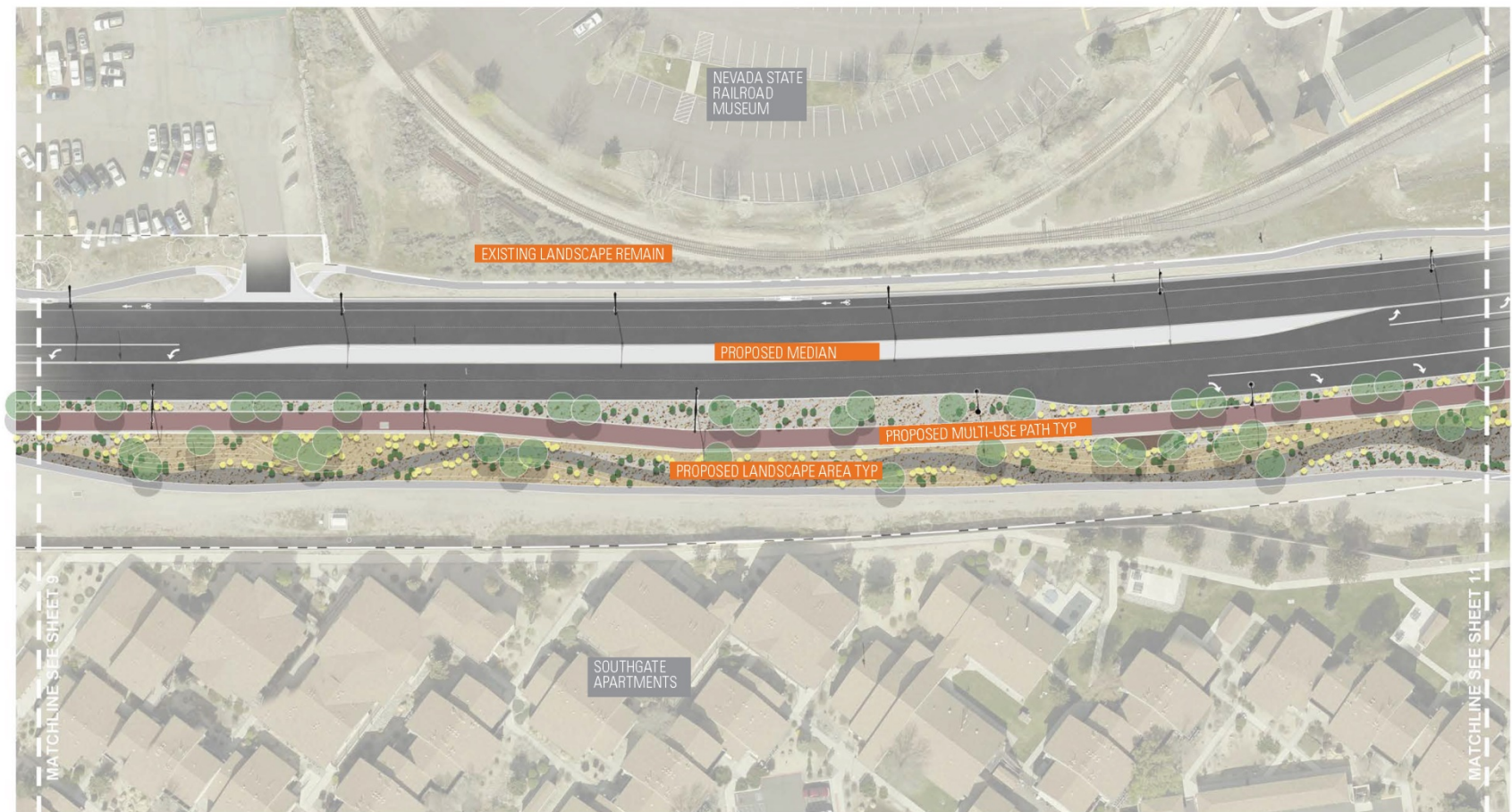
SHEET 9 FRONTAGE ROAD TO COLORADO ST



SOUTH CARSON STREET
CARSON CITY, NV

DESIGNWORKSHOP
MARCH 2019

60% Design Exhibit



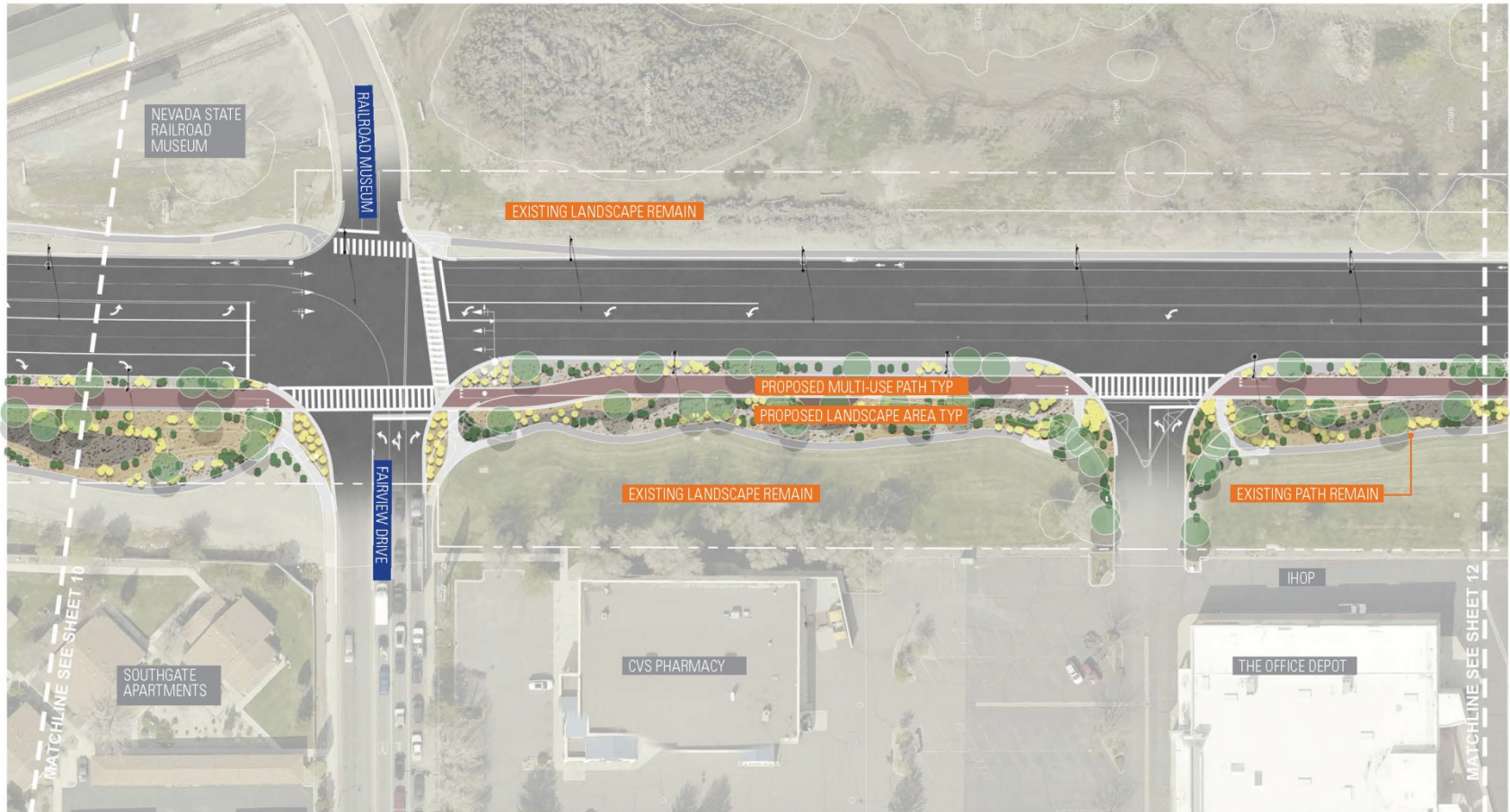
SHEET 10 STATE RAILROAD MUSEUM



SOUTH CARSON STREET
CARSON CITY, NV

DESIGNWORKSHOP
MARCH 2019

60% Design Exhibit



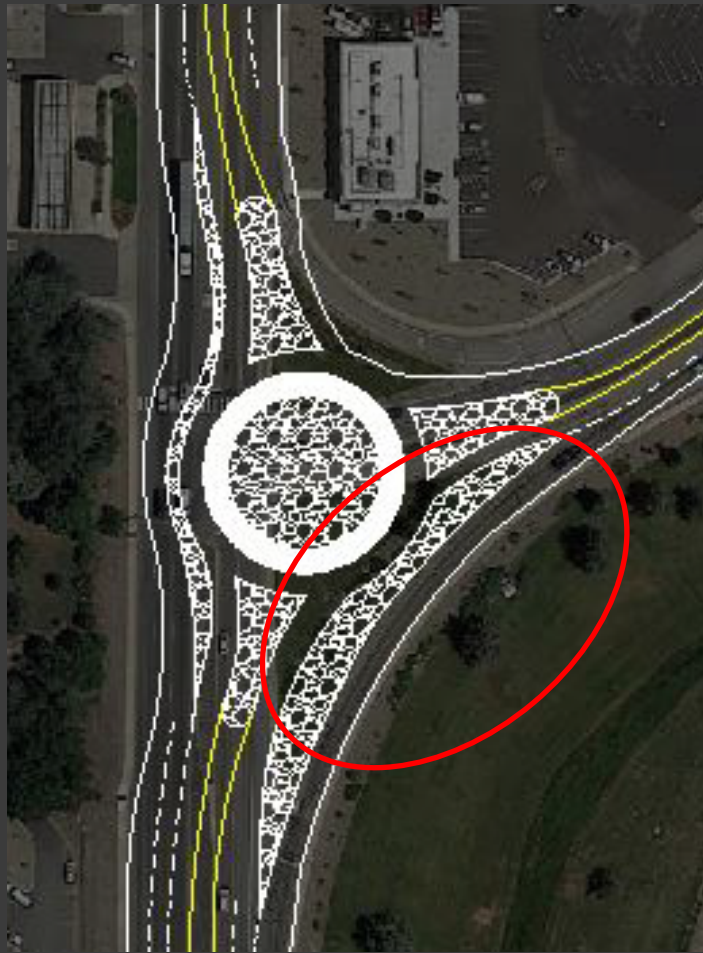
SHEET 11 SOUTHGATE APT TO STEWART



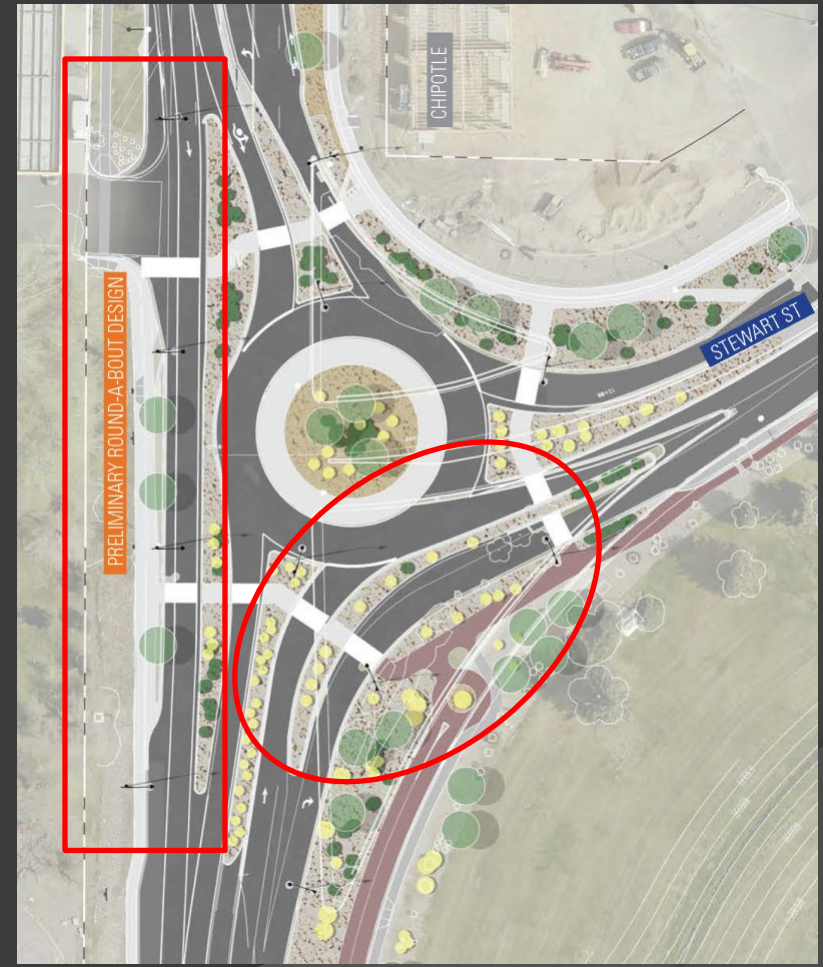
SOUTH CARSON STREET
CARSON CITY, NV

DESIGNWORKSHOP
MARCH 2019

Design Exhibit- Roundabout

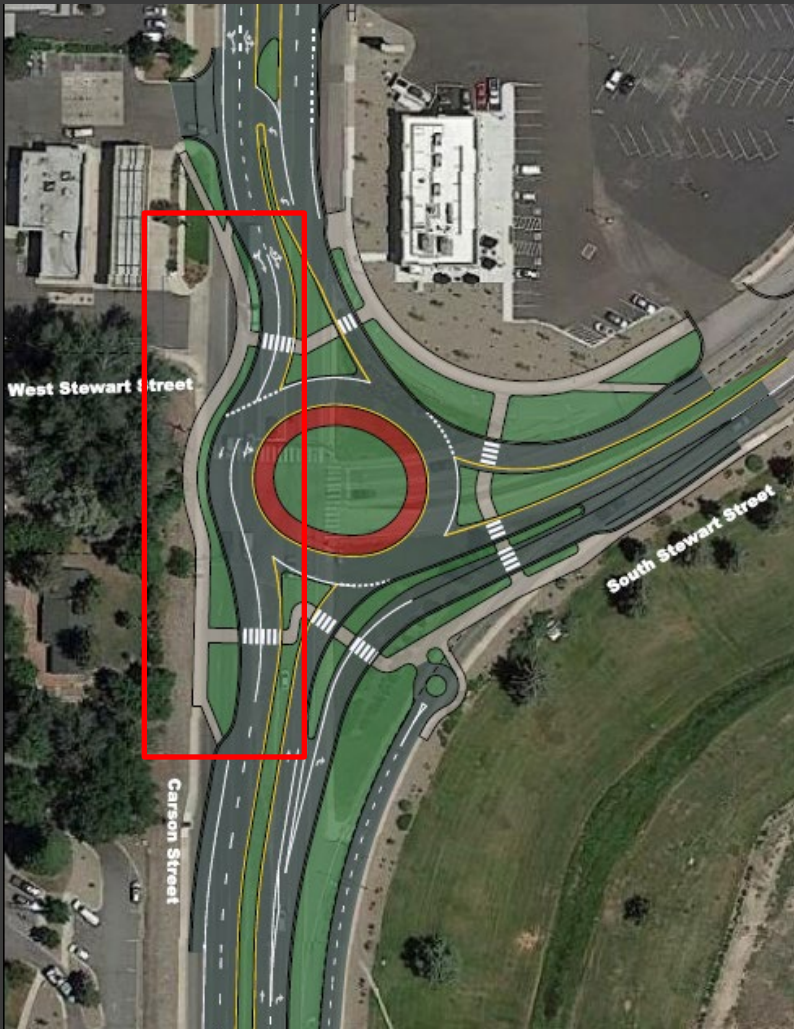


10% Design
(Nov. 2018)



20% Design
(Dec. 2018)

Design Exhibit- Roundabout



30% Design
(Feb. 2018)



Future Curry
Connection

60% Design Exhibit



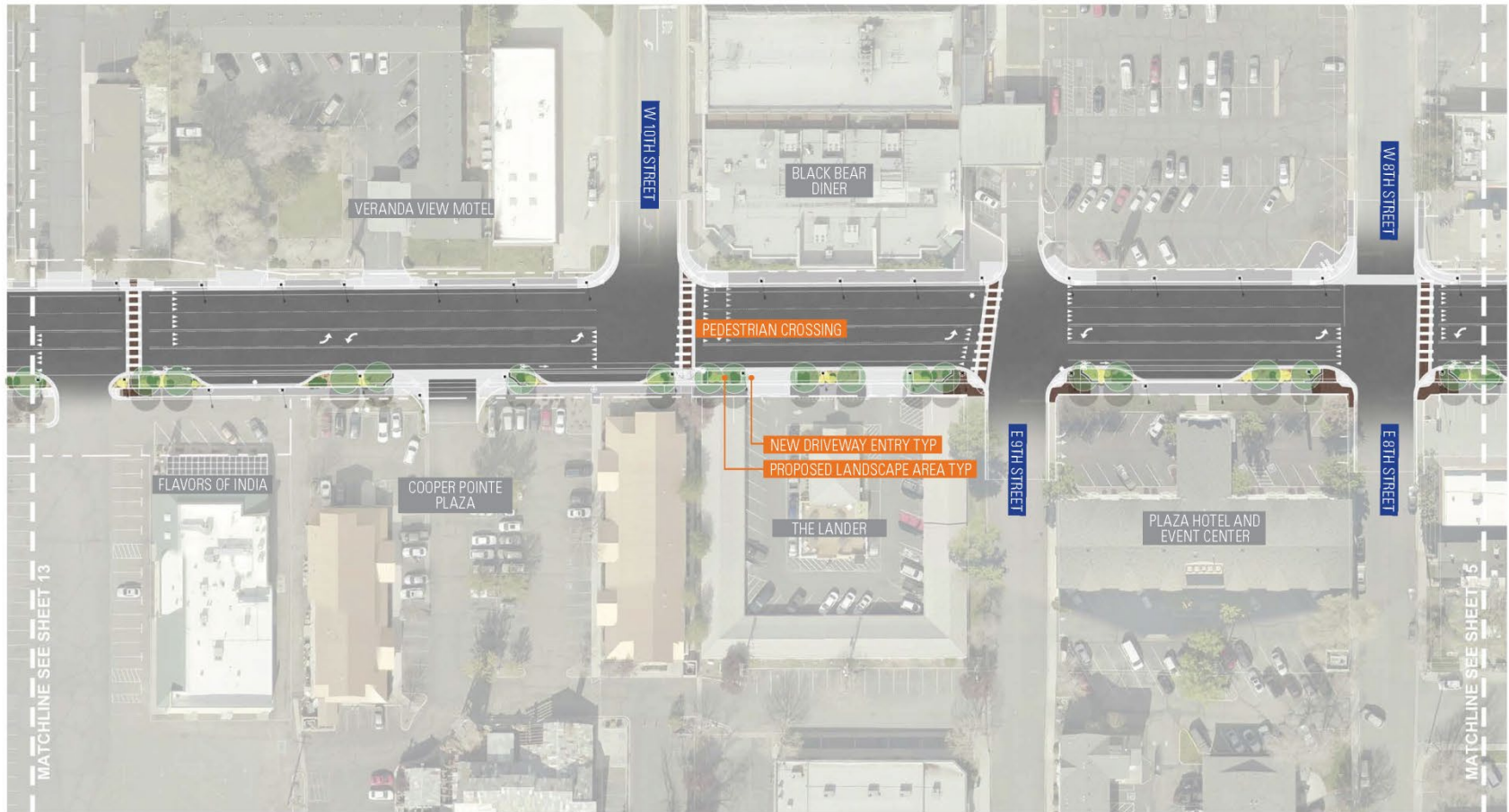
SHEET 13 CARSON MALL



SOUTH CARSON STREET
CARSON CITY, NV

DESIGNWORKSHOP
MARCH 2019

60% Design Exhibit



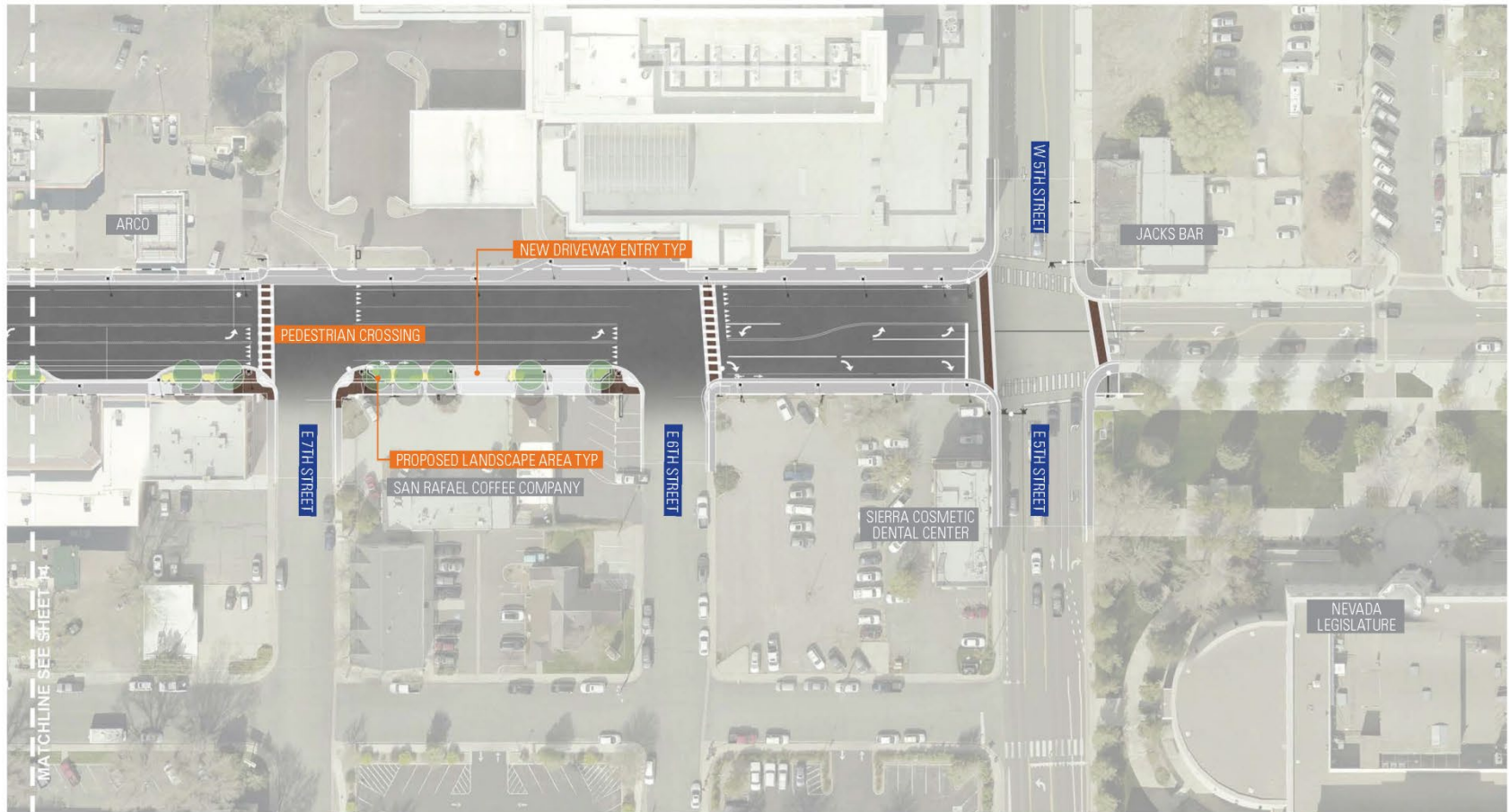
SHEET 14 CARSON MALL TO 8TH ST



SOUTH CARSON STREET
CARSON CITY, NV

DESIGNWORKSHOP
MARCH 2019

60% Design Exhibit



SHEET 15 ARCO TO 5TH ST

SOUTH CARSON STREET
CARSON CITY, NV

DESIGNWORKSHOP
MARCH 2019



Schedule

- Design milestones:
 - May/June 2019- 90% design
 - July/August 2019- Final design
- Public meetings and workshops:
 - April 12, 2019- Project workshop at BRIC
- Board and committee updates (RACC, RTC, BOS):
 - April 2019- 60% design update
 - June/July 2019- 90% design update
- Construction
 - Start mobilizing end of 2019, construction early 2020
 - 9 to 12 month construction duration

Project Communication Tools



- CarsonProud.com
- Text subscription service
- Social media
- Tom Grundy, Project Manager
tgrundy@carson.org
775-283-7081

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

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

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South Carson Complete Streets Project