

Open House No. 2

70th Street Neighborhood Bikeway Study

MAG Study
15% Concept
Design



Project Overview

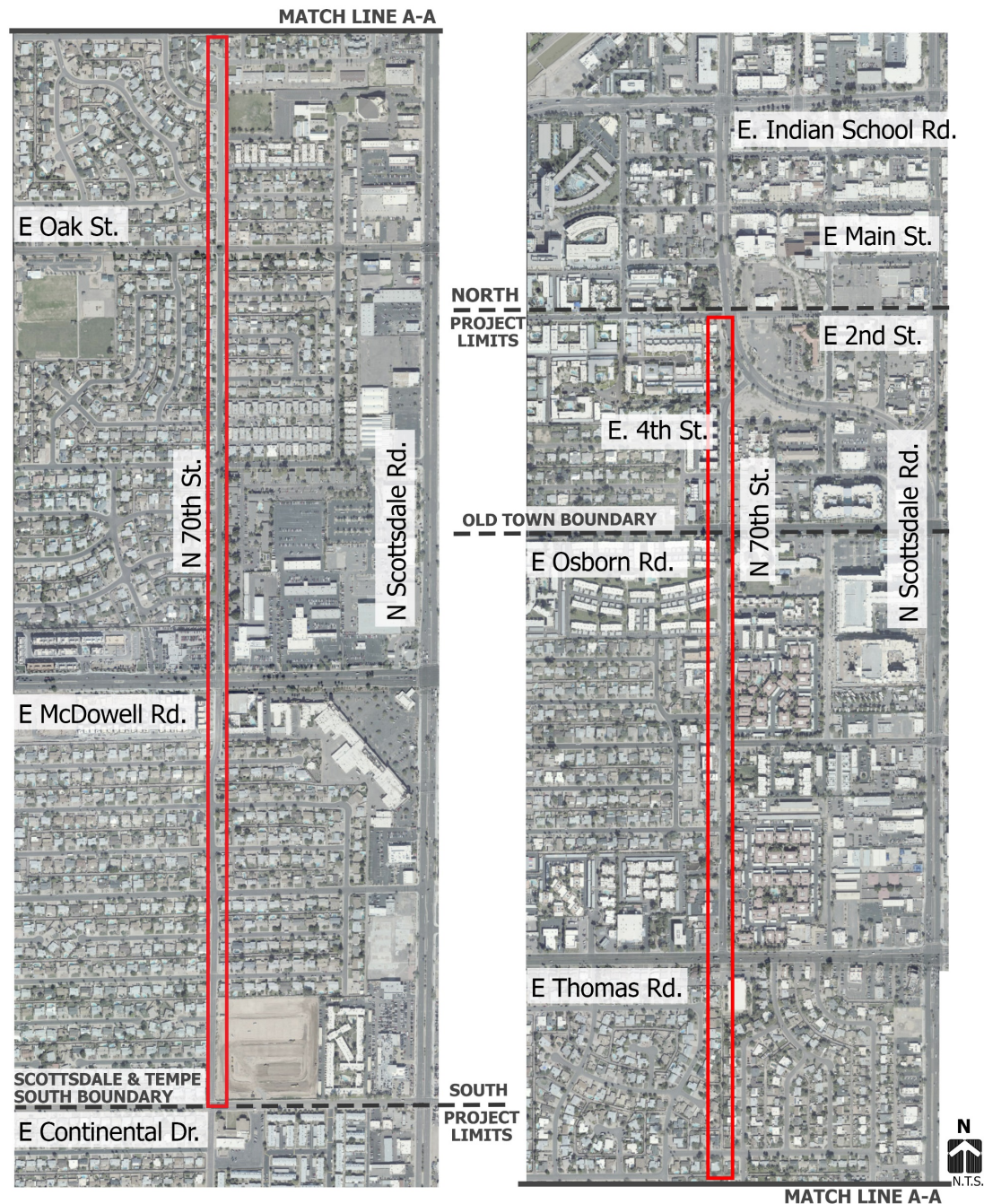
- ❖ City of Scottsdale received funding from Maricopa Association of Governments (MAG) through the Design Assistance program.
- ❖ The consultant team includes Harrington Planning + Design (prime consultant), T.Y.Lin International Group (sub-consultant) and Traffic Research & Analysis (sub-consultant).
- ❖ Gathering input from public to assist in ideas for concept solutions.



Project Area

This project focuses on an approximately 2.5-mile-long section of 70th Street from Continental Drive/Roosevelt Street on the Scottsdale/Tempe border to 2nd Street in Old Town Scottsdale, which is limited to Scottsdale existing right-of-way (ROW).

- ❖ Low stress neighborhood route
- ❖ Connects:
 - ❖ Existing bike route along Continental Drive/Roosevelt Street
 - ❖ Existing bike lane on Indian School Road in Old Town Scottsdale
 - ❖ Existing multi-use path along the Arizona Canal
 - ❖ Upcoming bike lane projects on McDowell and Thomas roads
- ❖ New route for Segment 5 (4th Street to 2nd Street) to connect to existing bike route at 2nd Street. Previous alignment (4th/69th Street) is not feasible due to limited right-of-way.

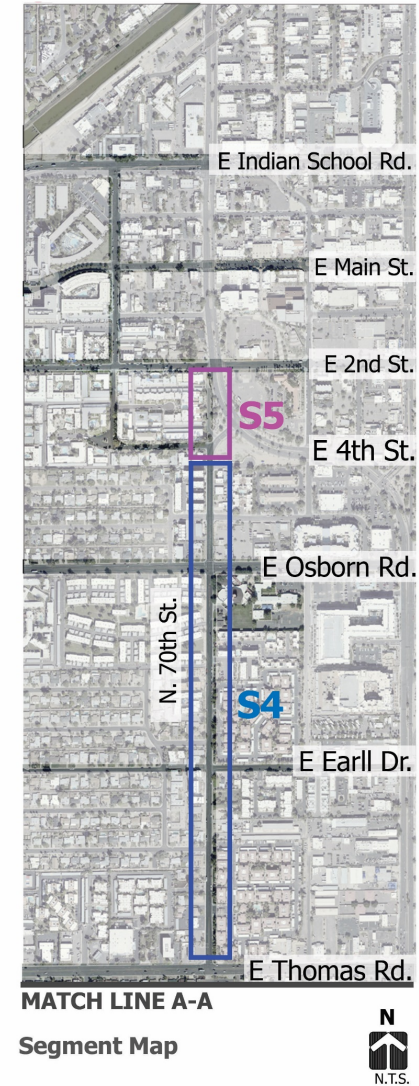
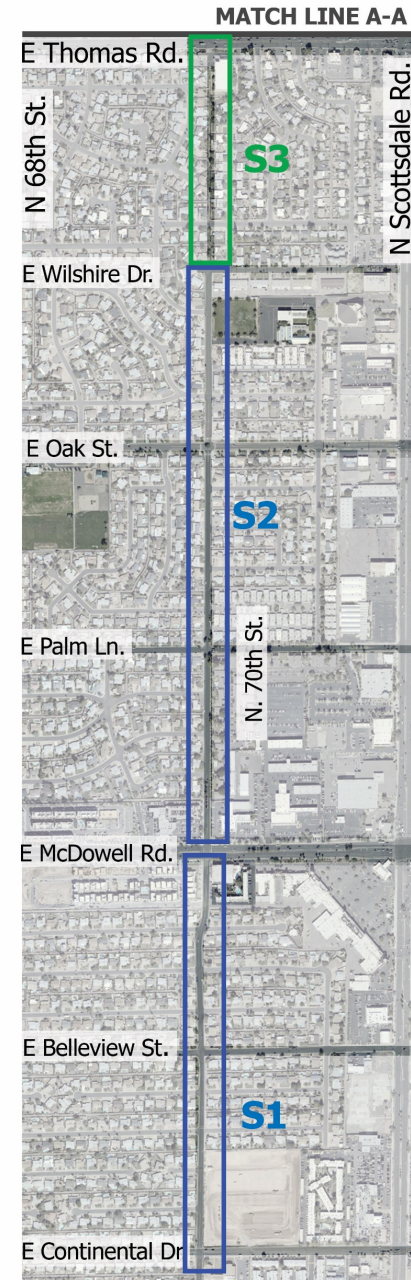


Note:
Map of project area is split into two sections. The MATCH LINE A-A at the top of the map on left continues at the MATCH LINE A-A at the bottom of the map on right.

Project Segments

This project corridor is divided into 5 segments, characterized by the width of existing right-of-way and the adjacent types of land use.

- ❖ **Segment 1 (S1): Continental Drive to McDowell Road**
 - More single-family homes, 15% homes face 70th Street
 - 60 feet of existing right-of-way
- ❖ **Segment 2 (S2): McDowell Road to Wilshire Drive**
 - Half single-family homes, 40% homes face 70th Street
 - Half multi-family homes
 - 60 feet of existing right-of-way
- ❖ **Segment 3 (S3): Wilshire Drive to Thomas Road (Alley Route)**
 - More single-family homes
 - Limited commercial
 - Off-street route option
- ❖ **Segment 4 (S4): Thomas Road to 4th Street**
 - Less single-family homes
 - More multi-family homes
 - 60 feet of existing right-of-way
- ❖ **Segment 5 (S5): 4th Street to 2nd Street**
 - More multi-family homes
 - Close to Old Town Scottsdale
 - Existing right-of-way varies: 30 feet to 60 feet



Segment Map






Open House No.2: Goals

- ❖ Share Open House No. 1 Questionnaire Results
- ❖ Concepts: Sharrow/Striped Lane With Parking
- ❖ Inform Next Steps

Summary of Open House No.1 Questionnaire Results

- ❖ Virtual Open House #1: Nov. 16 - 30, 2020
- ❖ Questionnaire results collected from the project website:

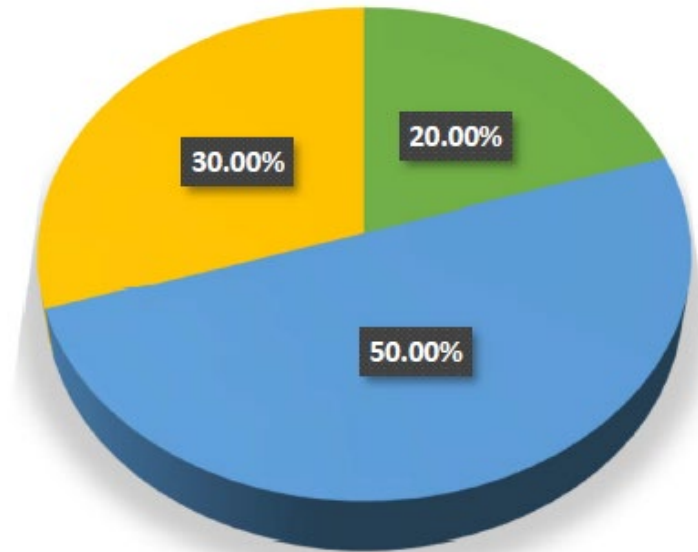


- ❖ Total respondents:  163 respondents
- ❖ Residents and live near 70th Street:  120 (74%) respondents
- ❖ Top-rated potential design elements:
 - connectivity to other bike routes and destination linkages  108 (66%) respondents
 - reducing automobile speed  100 (61%) respondents
 - separation from motor vehicles  78 (48%) respondents

Summary of Open House No.1 Questionnaire Results

- ❖ Questionnaire results collected from the project website:
- ❖ Respondents bike along portions of 70th Street between Continental Drive to Main Street

- 33 (20%) replied: always
- 81 (50%) replied: sometimes
- 47 (30%) replied: never



Concepts

❖ Alternative 1: Sharrow

- ❖ Sharrow with parking in Segment 1, 2 and 4
- ❖ Design features to reduce automobile speeds in Segment 1, 2 and 4 (traffic calming)
- ❖ Shared Use Path in Segment 3 (alleyway)
- ❖ Sharrow/Shared Use Path in Segment 5 (narrow roadway)

❖ Alternative 2: Striped Bike Lane With Parking

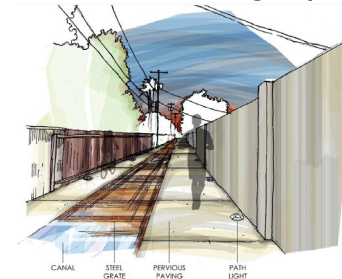
- ❖ Striped bike lane with parking and traffic calming in Segment 1, 2 and 4
- ❖ Segment 3 and 5 are the same as Alternative 1



Sharrow with on-street parking



Traffic calming: speed cushion

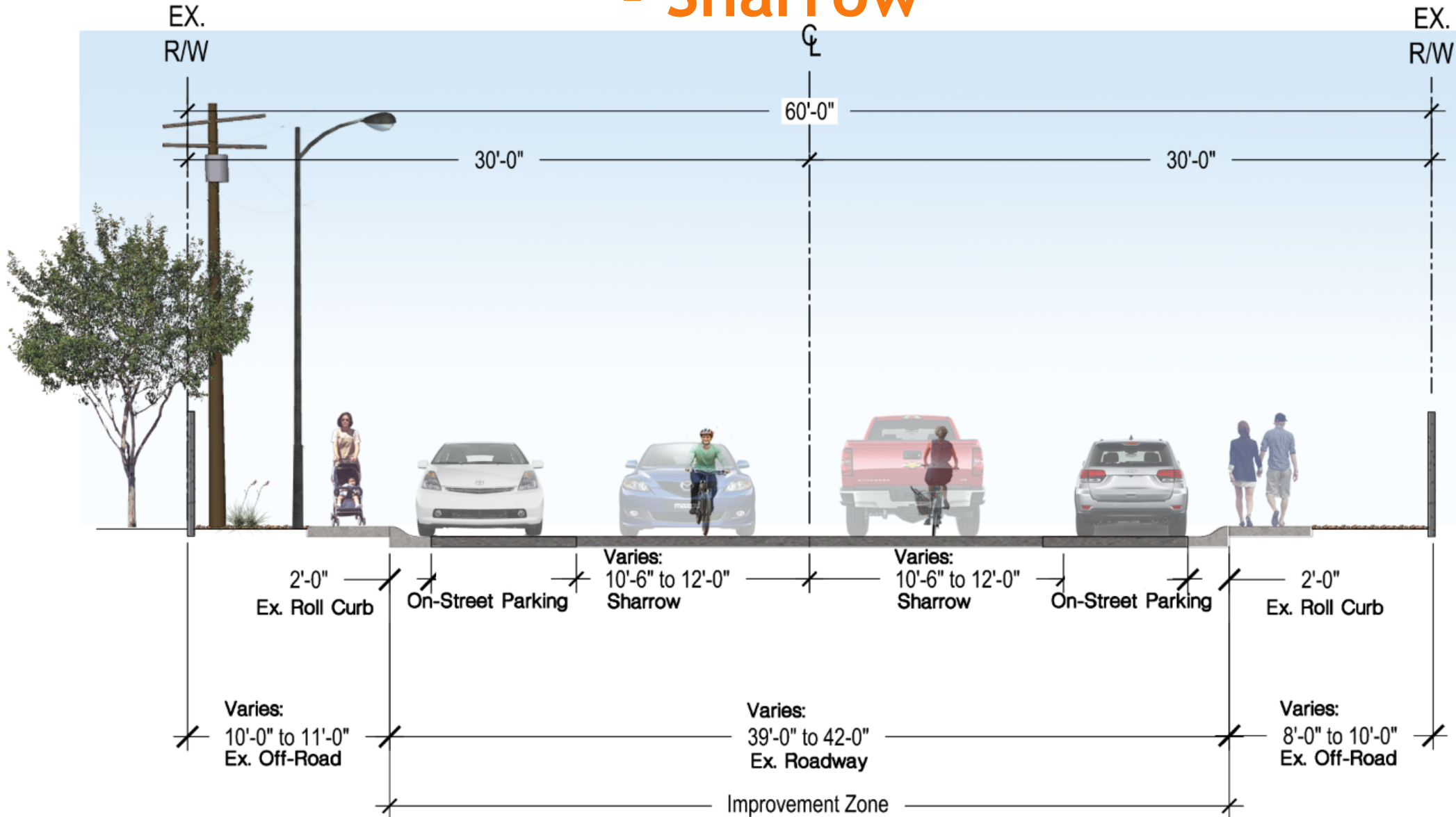


Shared Use Path in Segment 3

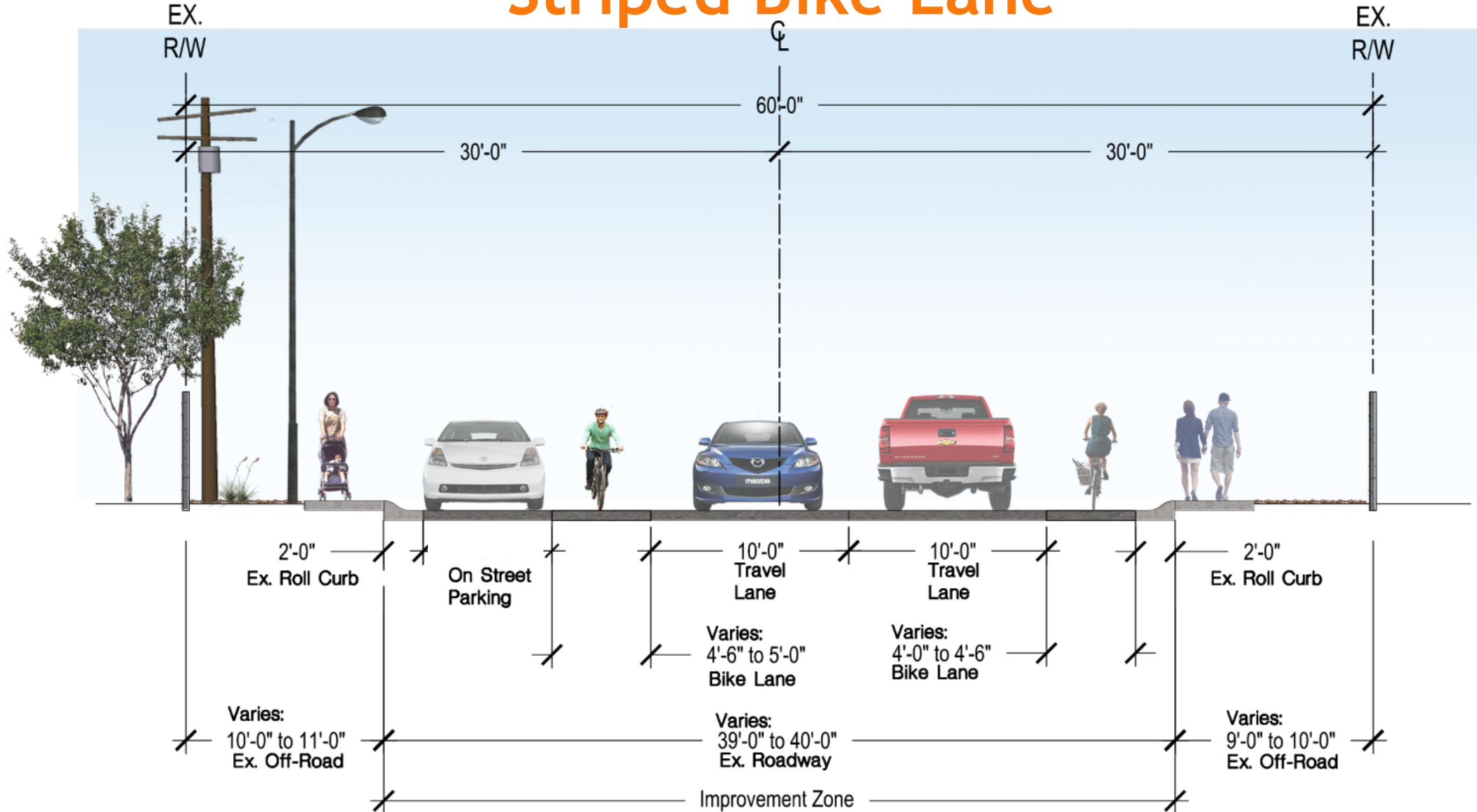


Striped lane with parking

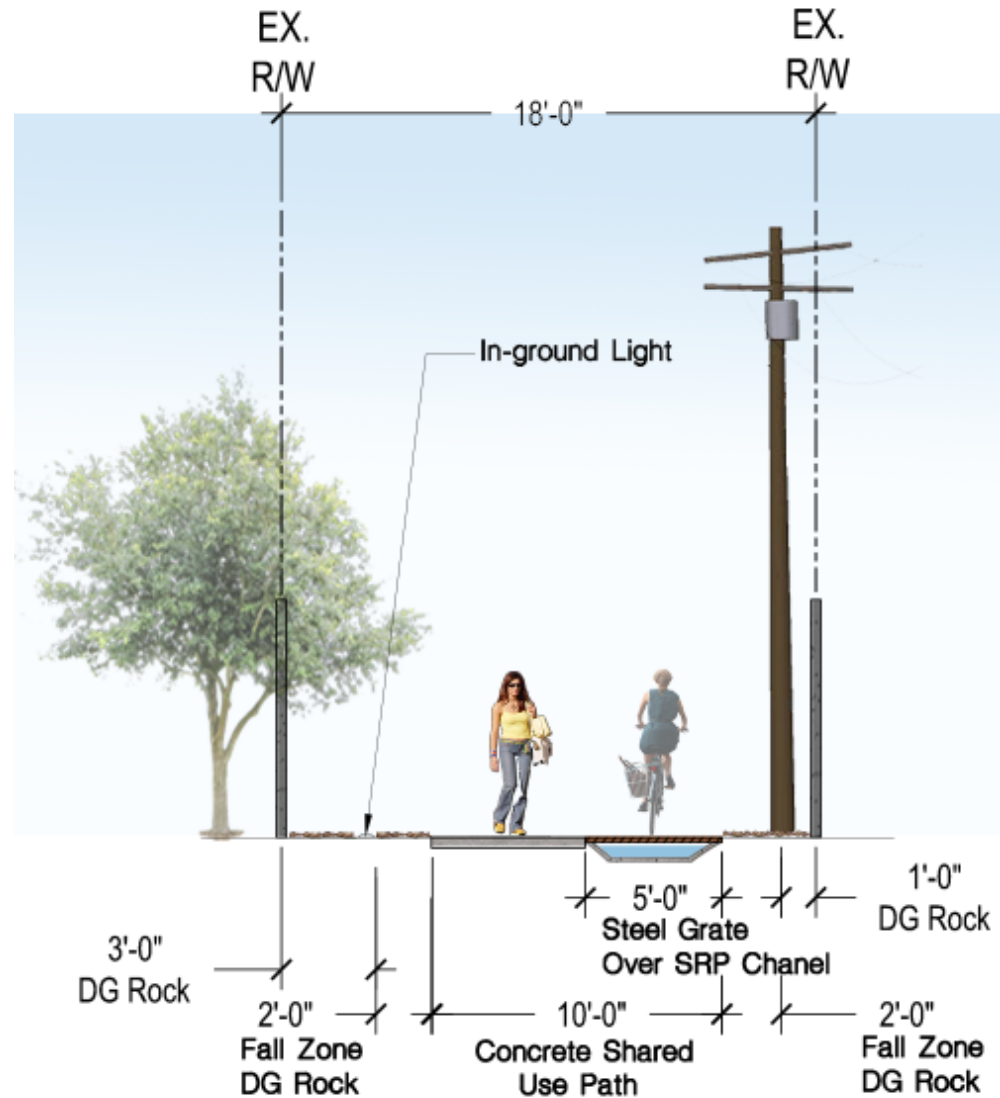
Proposed Typical Sections Along Roadway - Sharrows



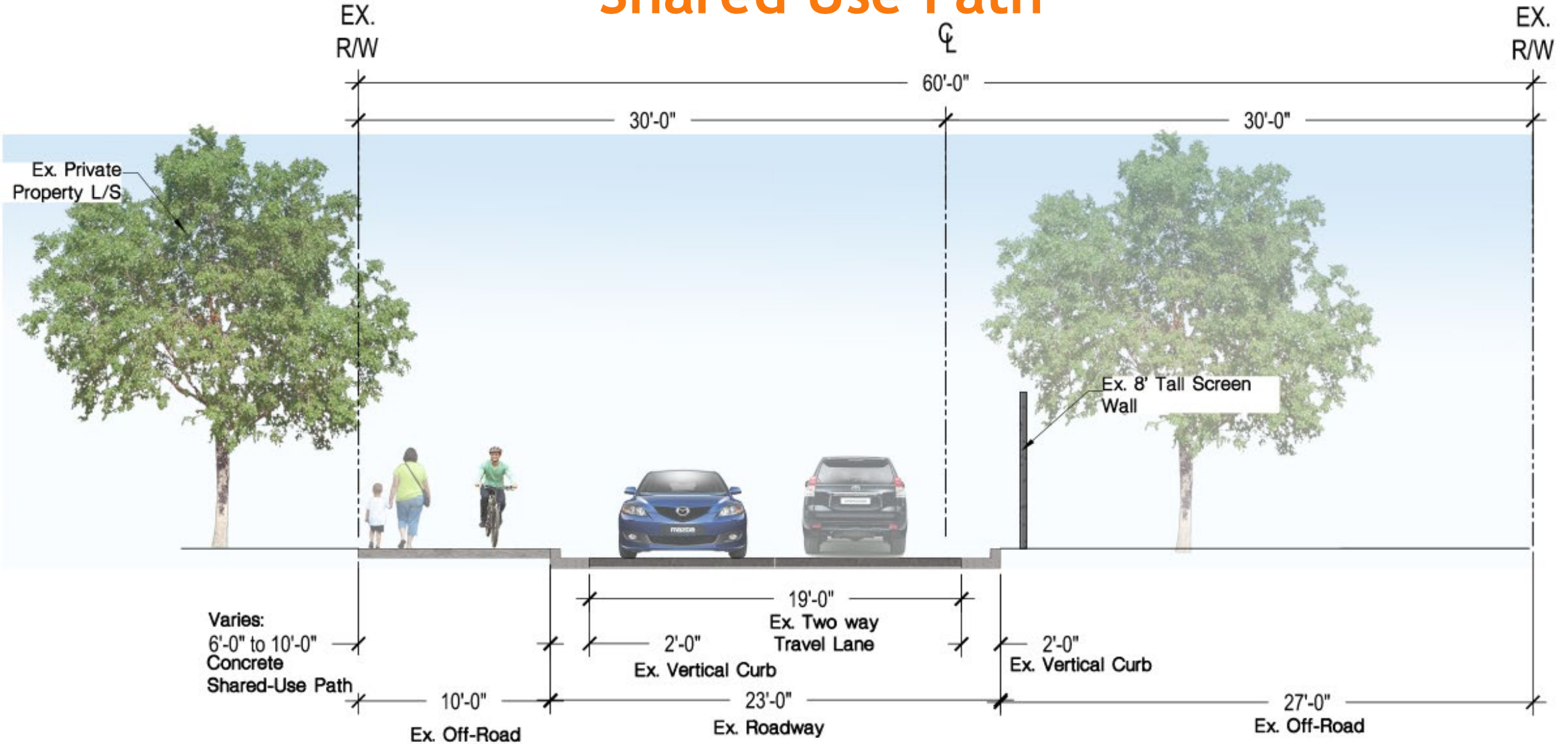
Proposed Typical Sections Along Roadway - Striped Bike Lane



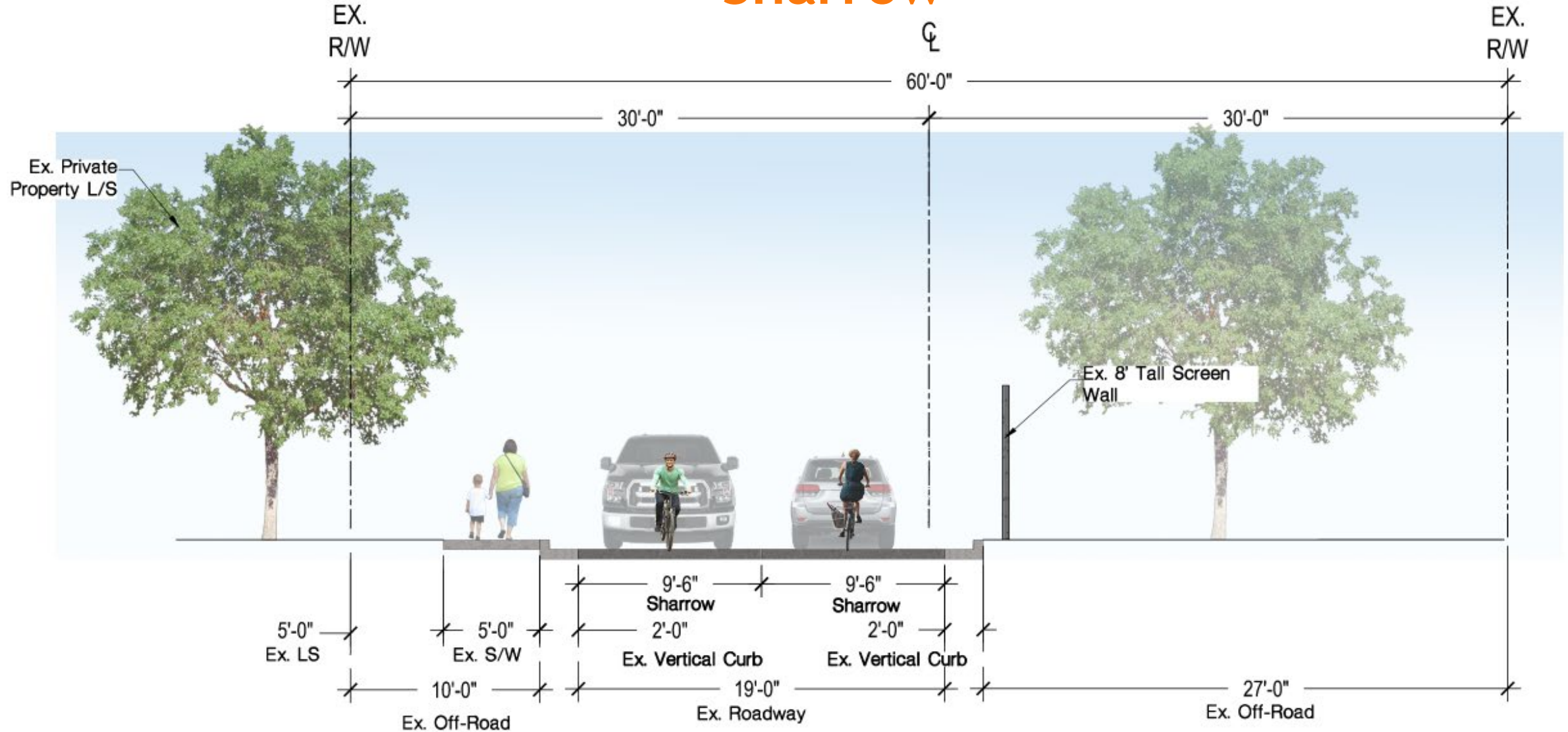
Proposed Typical Sections Along Alleyway - Shared Use Path



Proposed Typical Sections Along Narrow Roadway - Shared Use Path



Proposed Typical Sections Along Narrow Roadway - Sharrow



Project Design Elements

Sharrow and Striped Bike Lane



Asphalt Sharrow with one side on-street parking



Asphalt Sharrow with on-street parking on both sides



Asphalt Striped Bike Lane with on side on-street parking

Wayfinding Sign



Wayfinding for bikeway

Traffic Calming Device



Speed feedback sign



Speed cushion

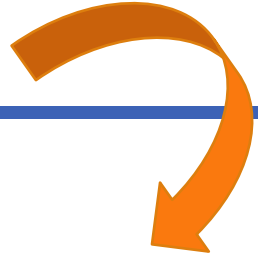


Traffic circle



Median splitter island

Next Steps



- ❖ Final Project Assessment Report for staff
 - ❖ 15% preliminary design
- ❖ Moving forward to future design and construction
- ❖ City Staff will identify funding source: local funding/federal funds
- ❖ Implementation of any improvements will require additional funding, design and public input

Thank you !

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If you have questions,
please contact:
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