

Downtown Railroad Pedestrian Crossing Feasibility Study



Technical Advisory Committee (TAC)

Meeting #2: Review Early Concepts

April 24 , 2025

TRANSYSTEMS



Downtown Railroad Pedestrian Crossing Feasibility Study



Community Review Committee (CRC)

Meeting #2: Review Early Concepts

May 1, 2025

TRANSYSTEMS



> MEETING PURPOSE



- Present Initial Design Concepts
- Develop Criteria for Evaluation
- Identify Concerns and Suggestions for Improvement
- Discuss Feedback



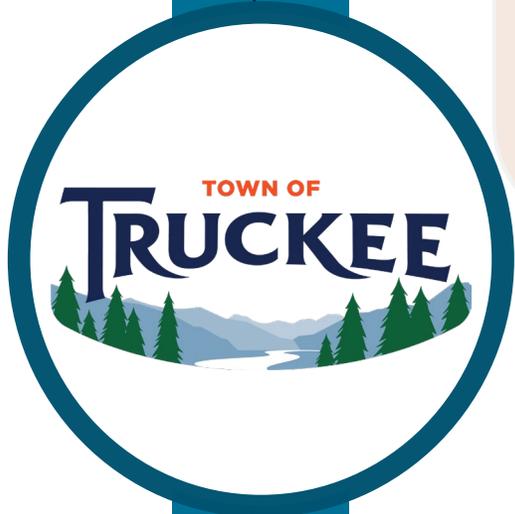
AGENDA

- a. Introductions
- b. Project overview
- c. Considerations
- d. Potential crossing locations
- e. Initial design concepts
- f. Discussion on criteria for evaluation
- g. Concerns and suggestions for improvements

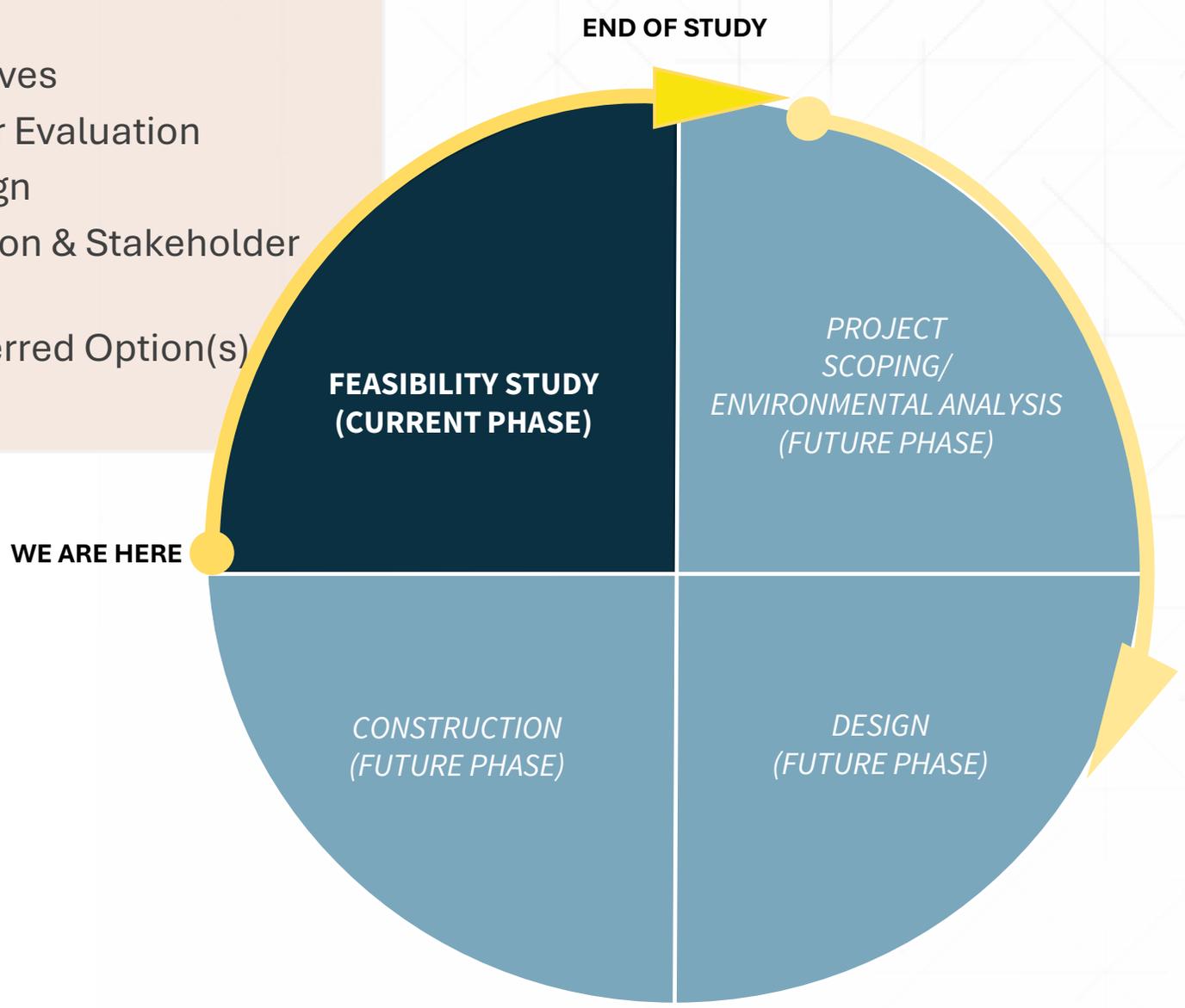
Project Overview

The proposed study will evaluate alternatives for a future new grade-separated railroad crossing providing accessibility and connectivity for pedestrians and bicyclists in central Downtown Truckee. Potential alternatives include an overhead crossing, an underpass, or an at-grade crossing.





- Grant Award
- Develop Alternatives
- Define Criteria for Evaluation
- Conceptual Design
- Public Consultation & Stakeholder Engagement
- Selection of Preferred Option(s)



CONSIDERATIONS



Prioritizes Safety: Reduces potential conflicts between cyclists, pedestrians, vehicles, and trains, minimizing the risk of accidents in busy urban areas.

Enhances Experience: Provides cyclists and pedestrians with a smoother, stress-free journey, free from traffic lights, congestion, and sharing roads with cars.

Supports Mobility Equity: Contributes to a long-term vision of a city that values accessible transportation for **all**, ensuring equitable options for all residents, regardless of income or mobility level.

CHALLENGES



Space and Design Constraints: All three options face challenges related to space availability, which may limit design flexibility and require significant alterations to existing infrastructure.

High Costs and Funding: All options involve substantial construction and long-term maintenance costs, with overhead crossing and underpass generally requiring higher financial investments.

Environmental and Community Impact: Each crossing option can have impacts on the surrounding environment and community, including potential disruptions during construction and concerns about visual or noise effects.

PRELIMINARY POTENTIAL CROSSING LOCATIONS

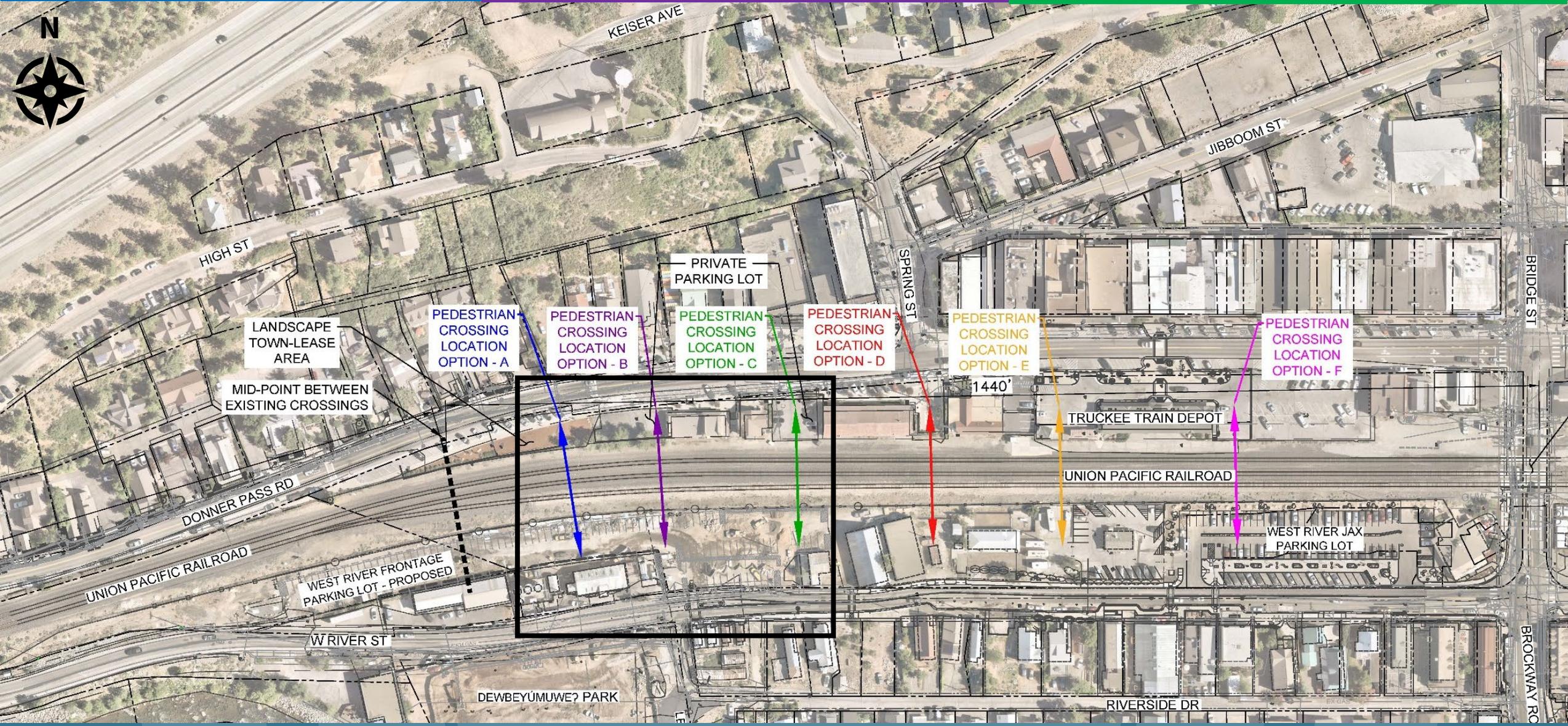
Criteria for the potential crossing locations selected:

- Safe and accessible.
- Aligned with Downtown pedestrian and bicycle circulation.
- Minimal impact to existing structures, environment.
- Located between the existing crossings at Bridge Street and the underpass east of the McIver roundabout.
- Provides connections from Downtown Truckee to recreational areas, trails, and local businesses.

LOCATION A
Utilize existing landscape area to connect to new parking lot

LOCATION B
Utilize existing parking lot to connect to new parking lot

LOCATION C
Utilize existing parking lot to connect to new parking lot.



OVERHEAD CROSSING EXAMPLES

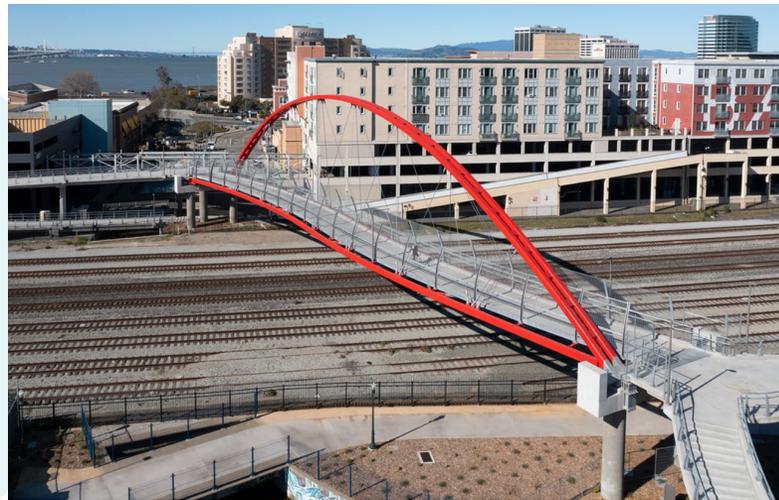


Northside Bridge
Missoula, MT

Park City Pedestrian Bridge
Park City, UT

**Bud Hendrickson Memorial Nature Trail
& Pedestrian Bridge**
La Crosse, WI

OVERHEAD CROSSING EXAMPLES



**South Bayfront Pedestrian Bicycle
Bridge**
Emeryville, CA

**- AK please provide name of the bridge if
known [Pedestrian Bridge]**
Sedona, AZ

Mundelein Pedestrian Bridge
Mundelein, IL

UNDERPASS EXAMPLES

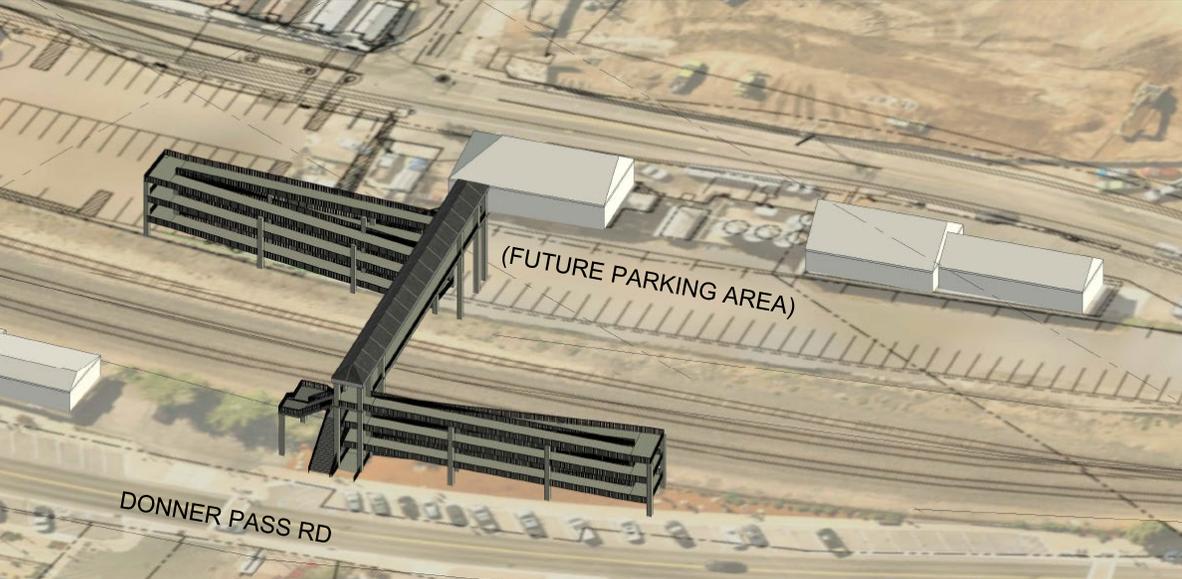
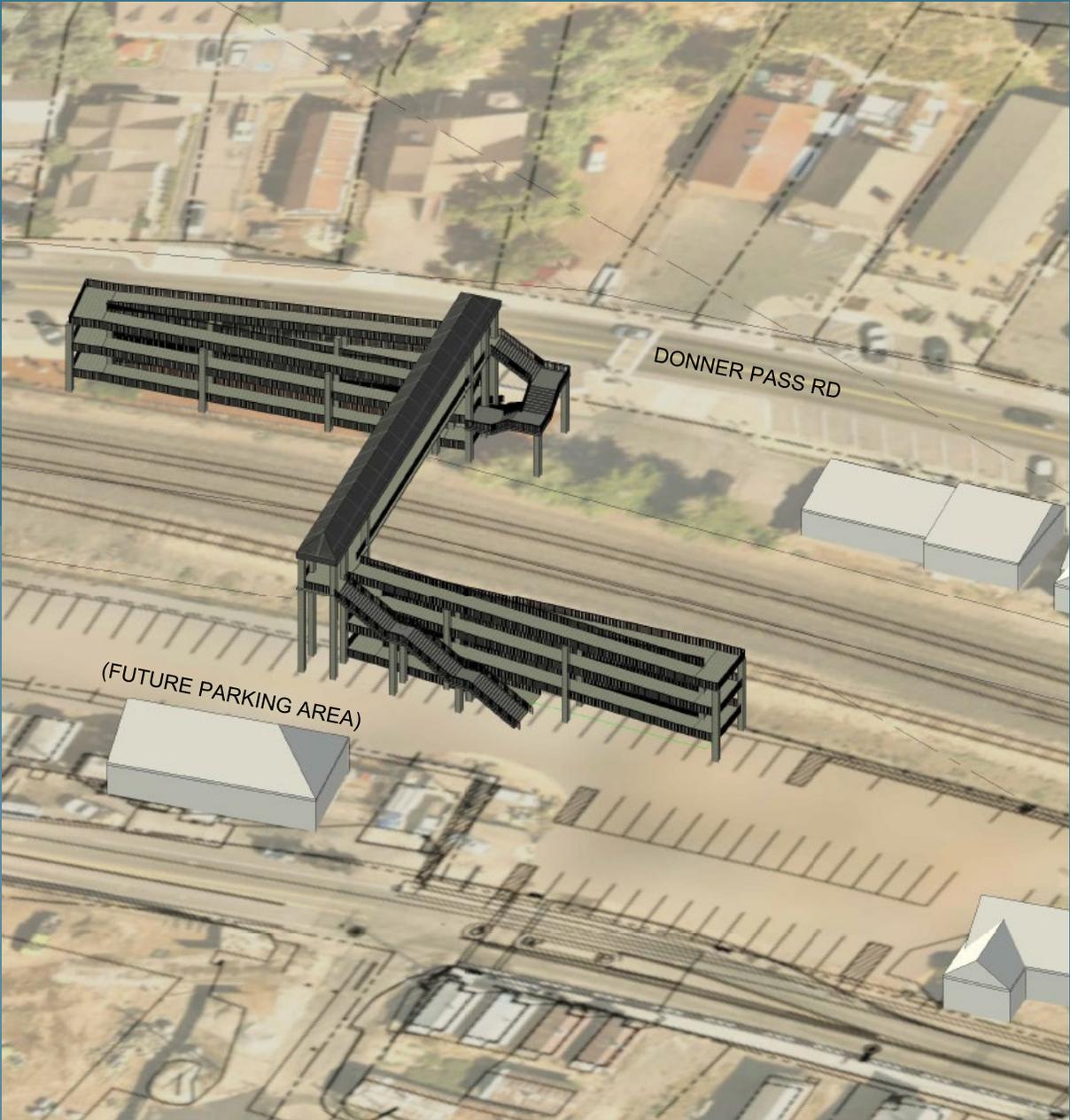


Springfield Underpass
Springfield, MA

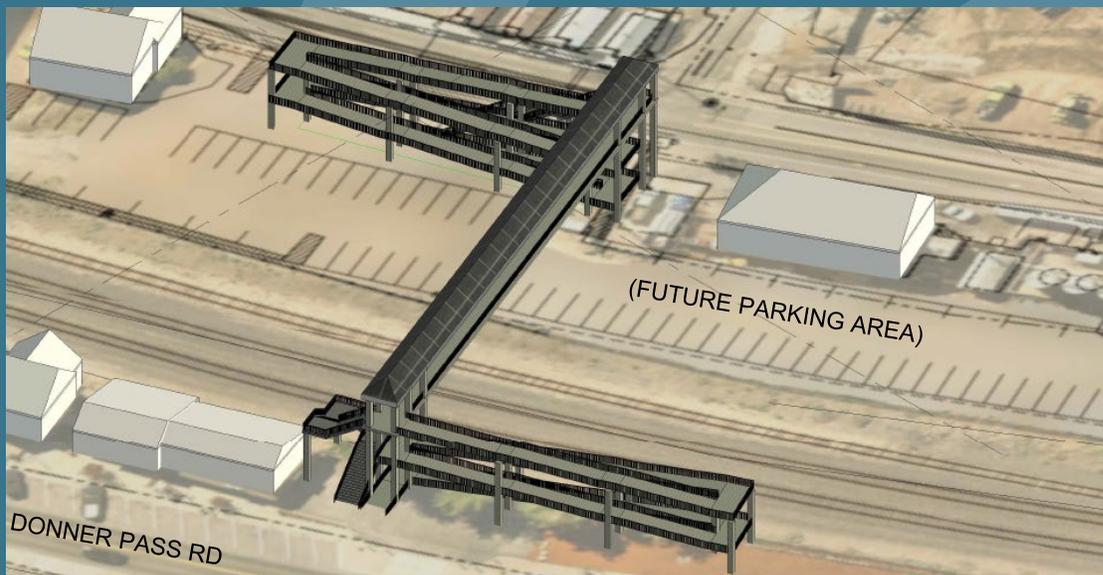
Tulare Street Undercrossing
Fremont, CA

Santa Clara Station Pedestrian Undercrossing
Santa Clara, CA

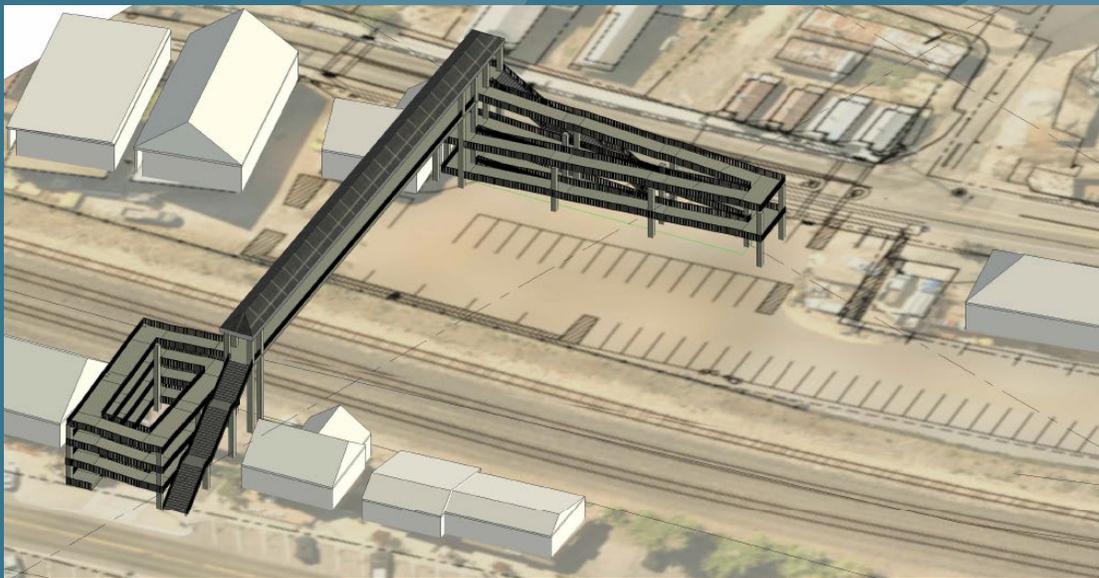
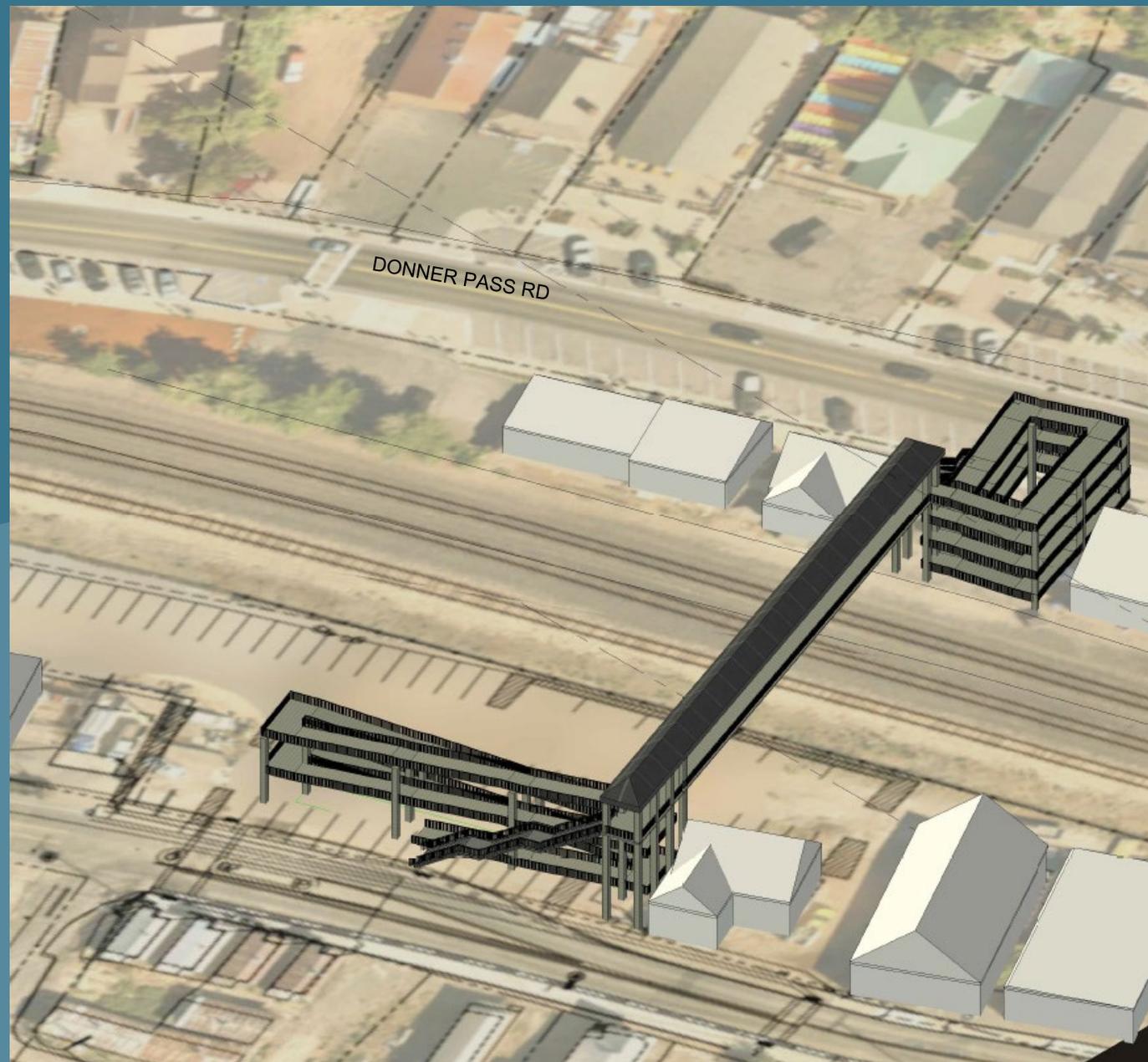
Initial Design Concepts and Footprint Overhead Crossing- Location A



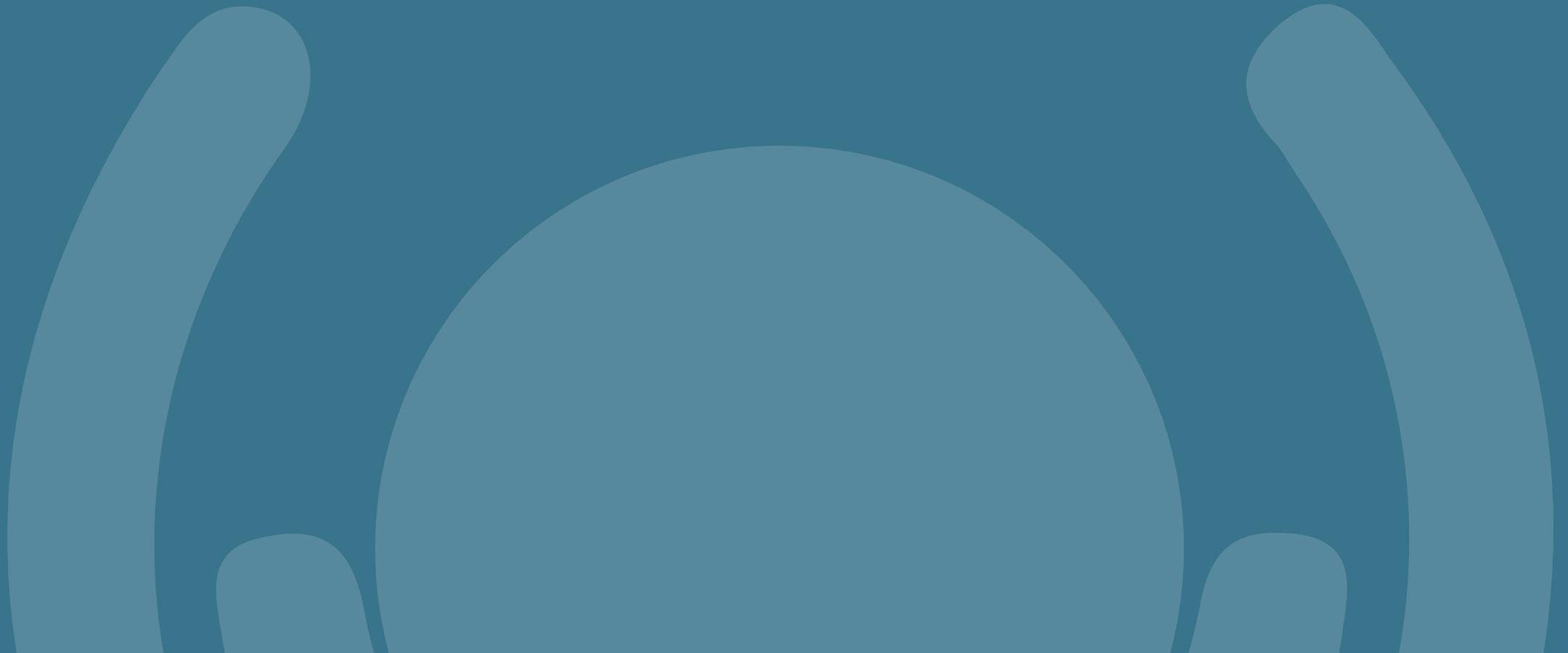
Initial Design Concepts and Footprint Overhead Crossing- Location B



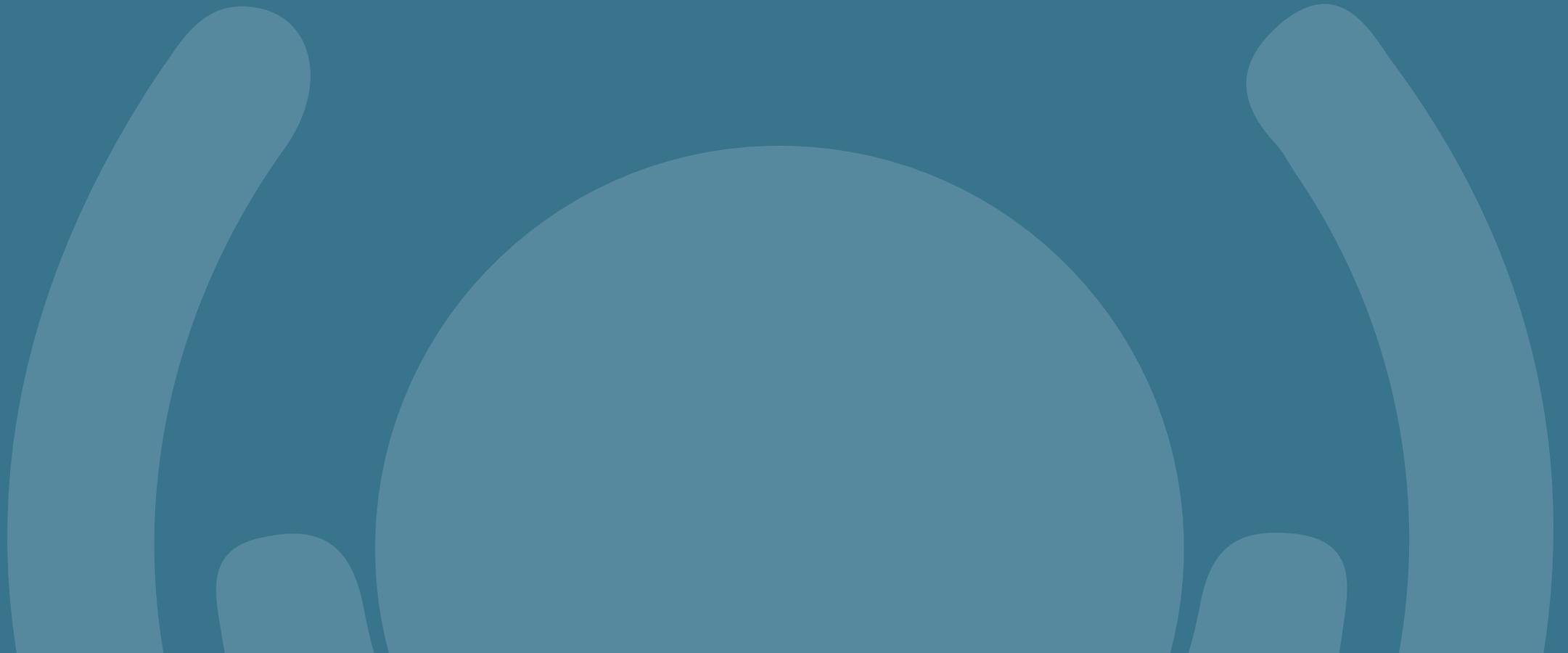
Initial Design Concepts and Footprint Overhead Crossing- Location C



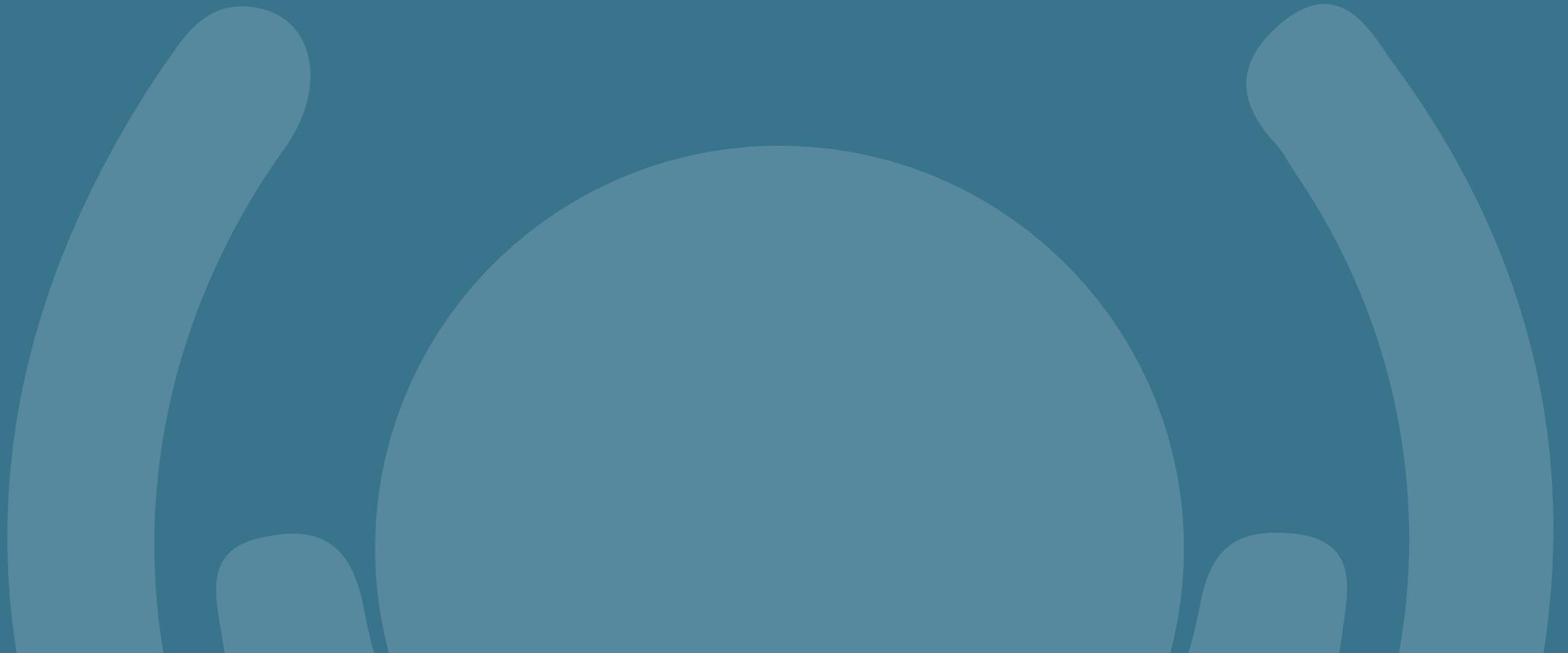
Initial Design Concepts and Footprint Underpass – Location A



Initial Design Concepts and Footprint Underpass – Location B



Initial Design Concepts and Footprint Underpass – Location C



DEVELOP CRITERIA FOR EVALUATION

- To effectively evaluate design concepts, it's crucial to establish clear, measurable criteria. Key factors such as functionality, sustainability, cost, and community impact should be identified for assessment.
- Criteria for evaluation are both quantitative and qualitative. Quantitative criteria provide measurable data, such as cost and performance, while qualitative criteria offer insights into subjective aspects like user experience and community impact.

Measles Chart Slide Placeholder



Technical Advisory Committee (TAC)

PURPOSE

- Provide focused feedback and input on study elements
- Disseminate study information internally to staff and team members
- Ensure internal department goals and priorities are considered.

MEMBERS

- Communications PIO
- Department Head Team
- Disaster Preparedness
- Diversity, Equity, and Inclusion
- Economic Development
- Public Transportation
- Police Department



Meeting #2 Early Concepts April 24, 2025

GOALS:

- Present initial design concepts.
- Develop criteria for evaluation.
- Identify concerns and suggestions for improvement.
- Discuss feedback.



Meeting #3 Comparison of Alternatives TBD Summer 2025

GOALS:

- Present refined design alternatives informed by feedback.
- Compare alternatives.
- Summarize feedback and determine next steps.
- Rank Alternatives.
- Develop recommendations to Town Council.



Estimated 1-2 Subsequent Meeting(s)

Selection of Alternatives
TBD Fall 2025

GOALS:

- Select design alternatives informed by feedback.
- Summarize feedback and determine next steps.
- Develop recommendations to Town Council.

Community Review Committee (CRC)

PURPOSE

- Provide focused feedback and input on study elements
- Disseminate study information to associates' external groups
- Ensure penetration of information to under-represented communities

MEMBERS

- Mountain Area Preservation (MAP)
- Placer County Transportation Planning Agency
- Planning Commission
- River Revitalization Steering Committee
- Town Council
- Truckee North Tahoe Transportation Management Association (TMA)
- Truckee Chamber of Commerce
- Truckee Downtown Merchants Association (TDMA)
- Truckee Trails Foundation
- Truckee-Donner Historical Society (TDHS)
- Truckee-Donner Railroad Society (TDRRS)



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Selection of Alternatives
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NEXT STEPS

Comparison of Alternatives

- a. Selection of Alternative
- b. Collect input and feedback from CRC, TAC, and other stakeholders
- c. Identify concerns and suggestions for improvement

Meeting #3: Comparison of Alternatives

TBD Summer 2025

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TOWN OF
TRUCKEE

OPEN DISCUSSION AND WORKSHOP

TRANSYSTEMS



