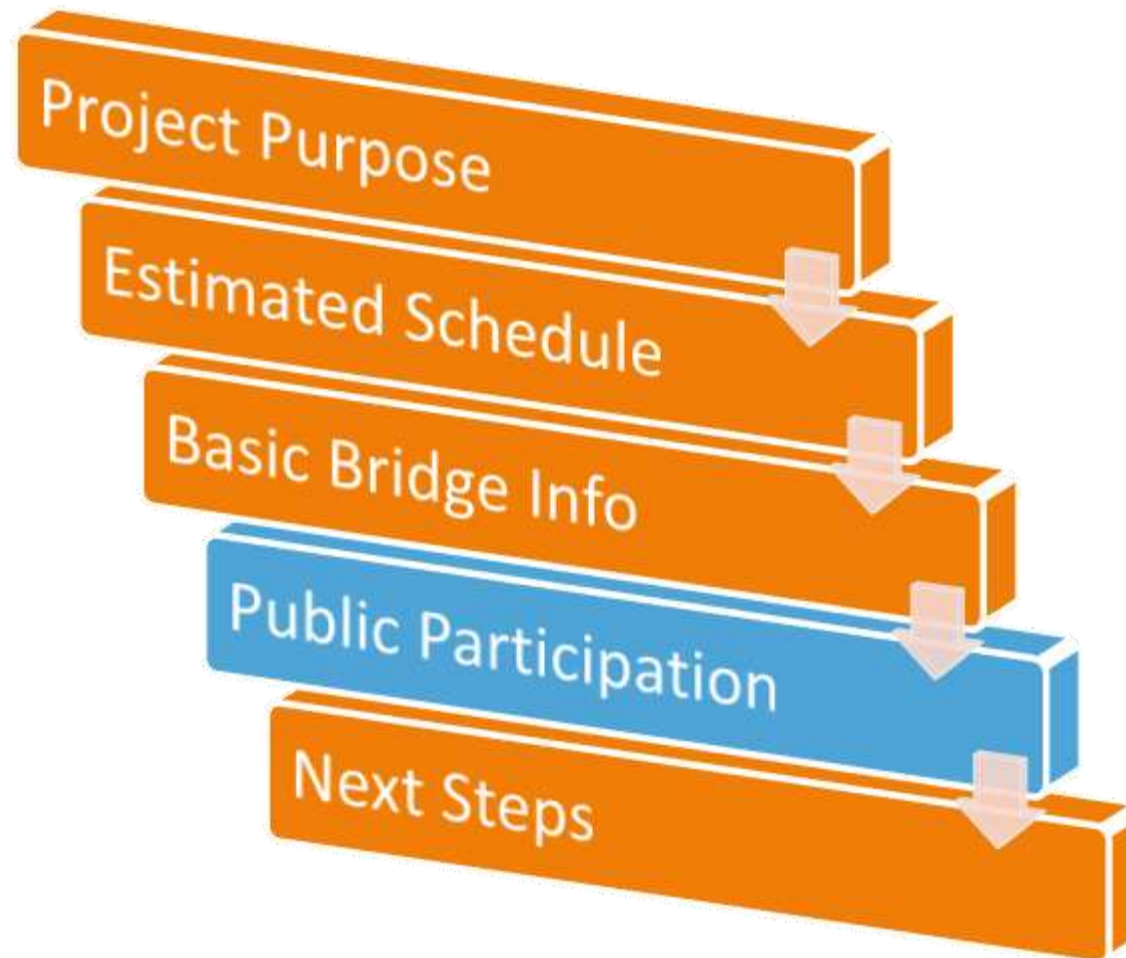


Summit Avenue Bridge

Public Participation Meeting #1

Project Introduction

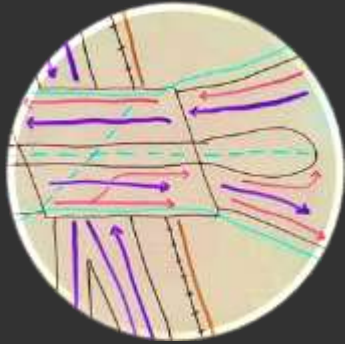
Presentation Outline



Purpose: Construct a bridge...
to safely accommodate future roadway needs.



Project Schedule*



2017

- Public input
- Regulatory reviews
- City approvals

Expect to see designs
around July 2017



2018

- State approvals
- Contract award



2019-2020

- Road Detours
- Construction

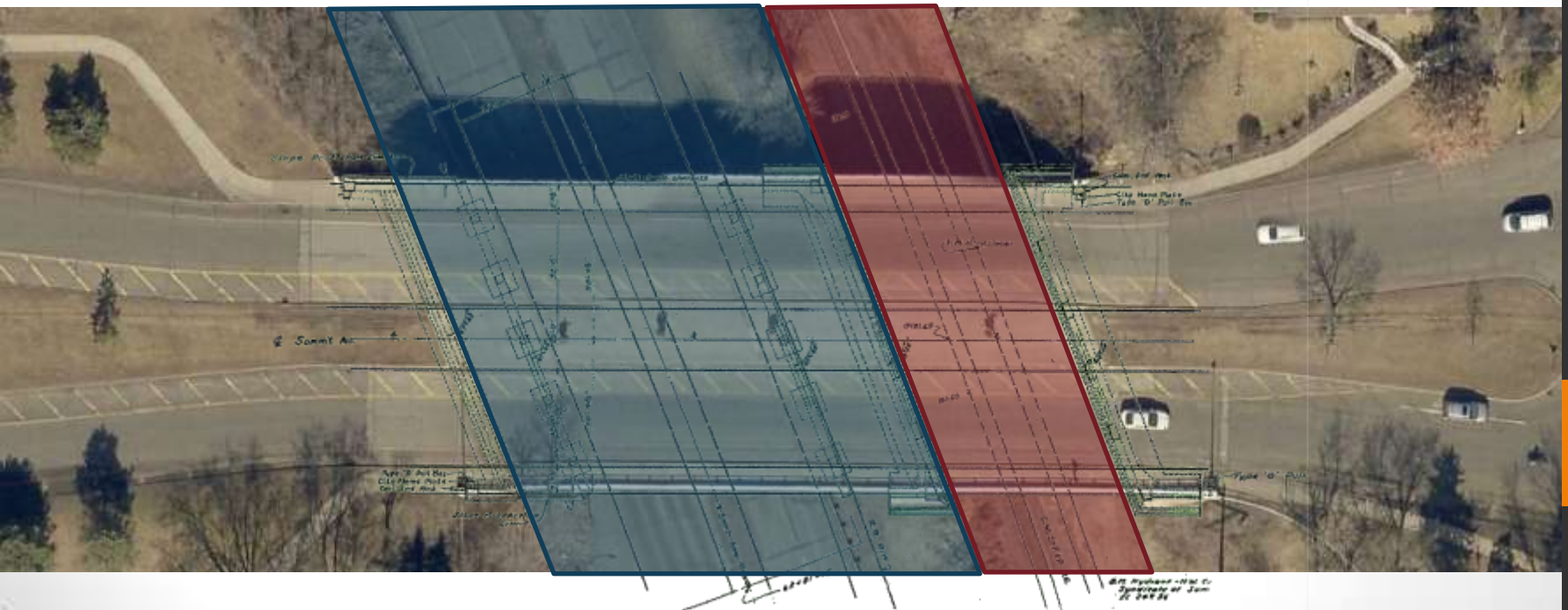


**** Schedule is preliminary and subject to change ****

Project Location



1962



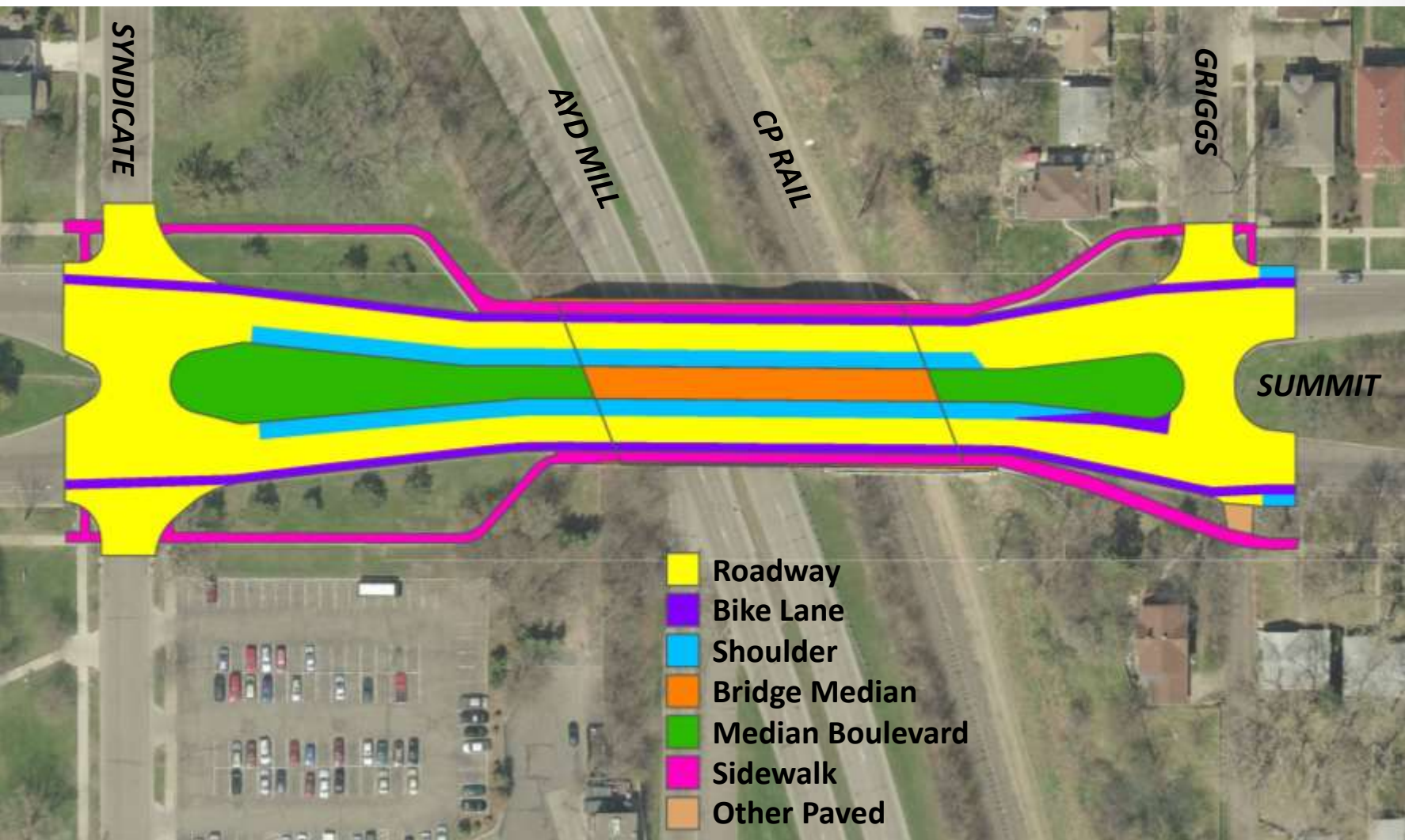
East Span Built 1897



West Spans Built 1962



Existing Travel Modes



Existing Travel Modes

Around 9,000 vehicles/day

Around 550 bikes/day

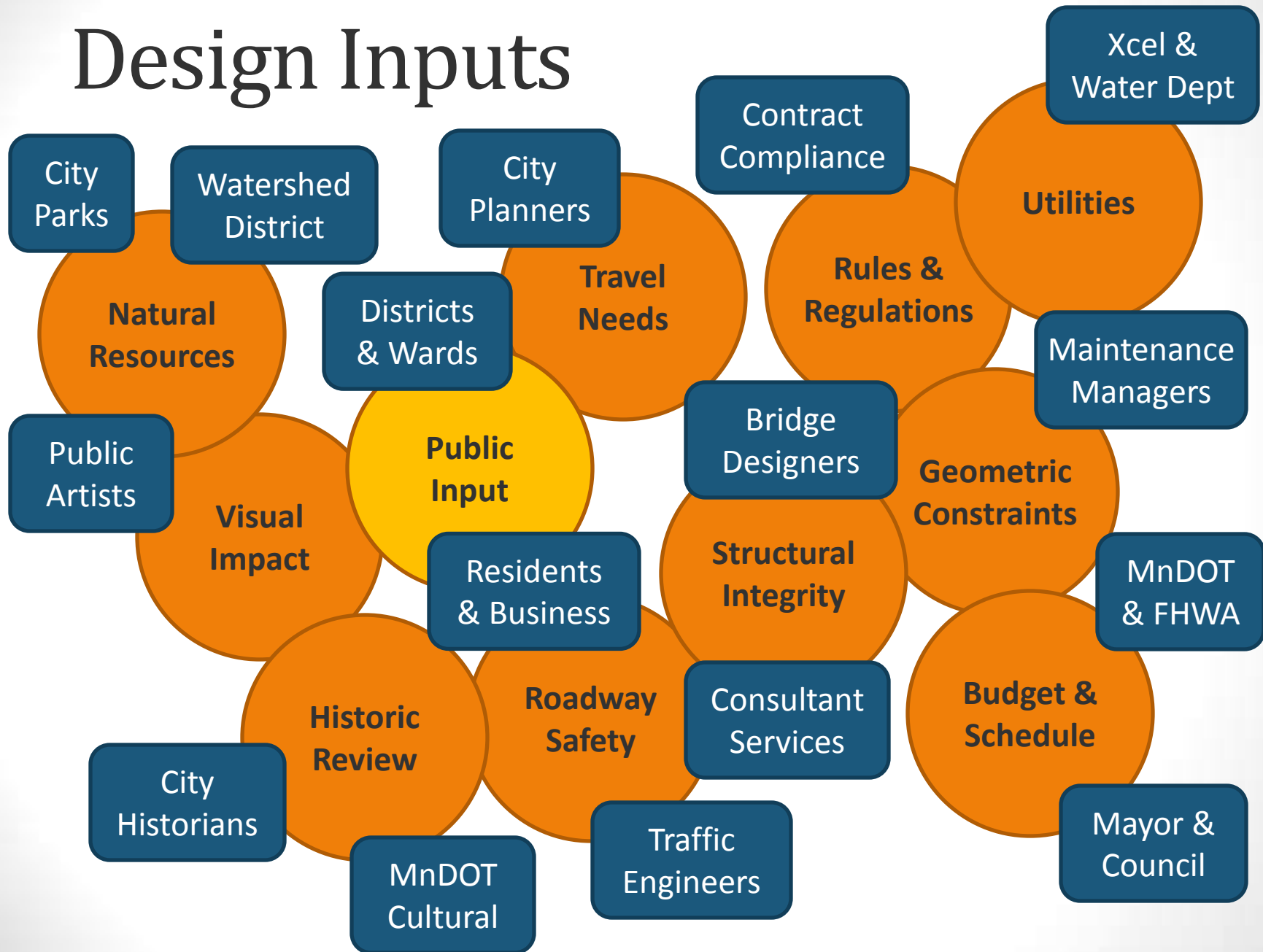
Around 550 pedestrians/day

Beneath Bridge: Ayd Mill Rd (20,000 veh/day) and CP Rail (12 trains/day)

Existing Bridge Condition



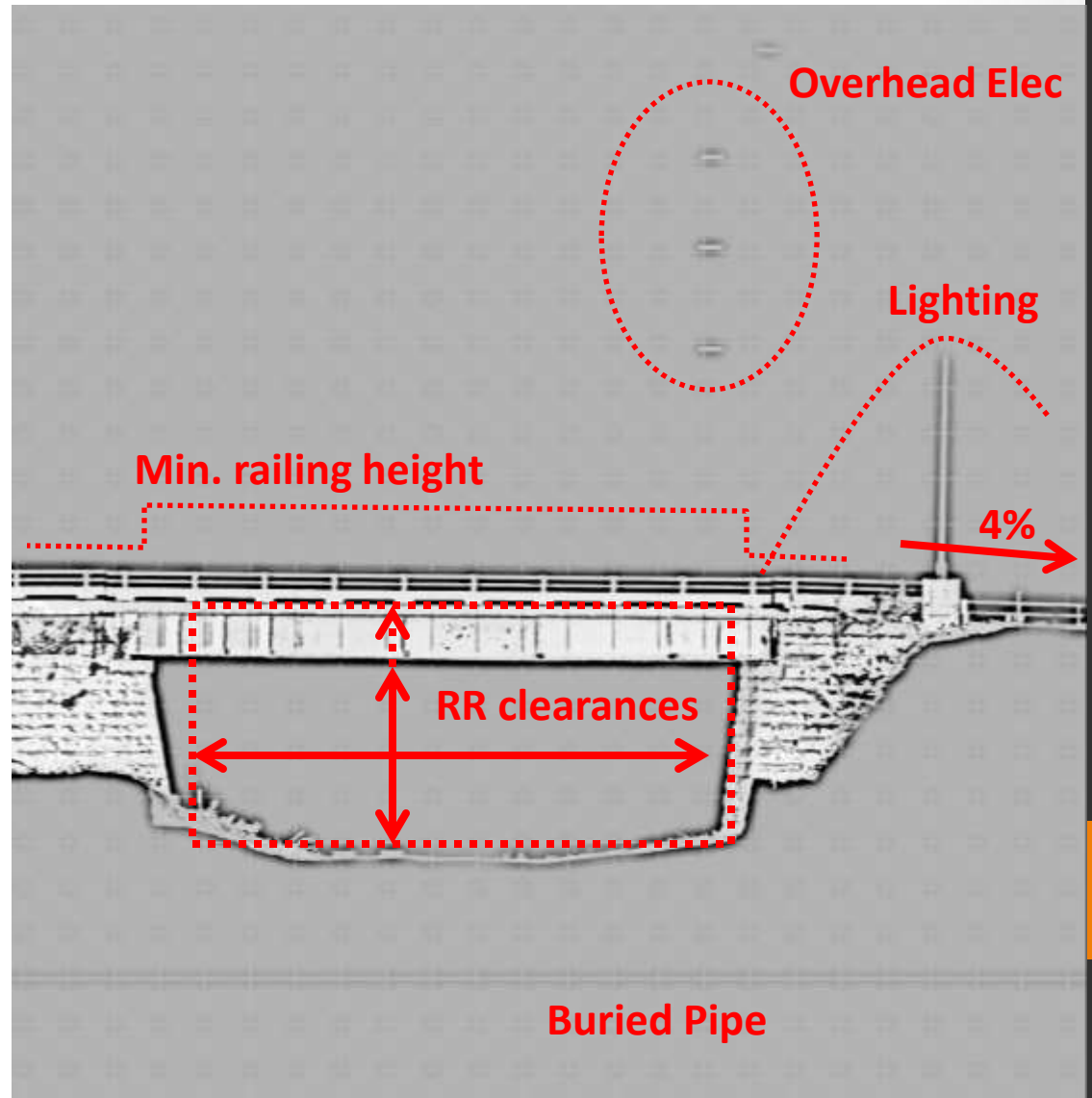
Design Inputs



Design Parameters

Include...

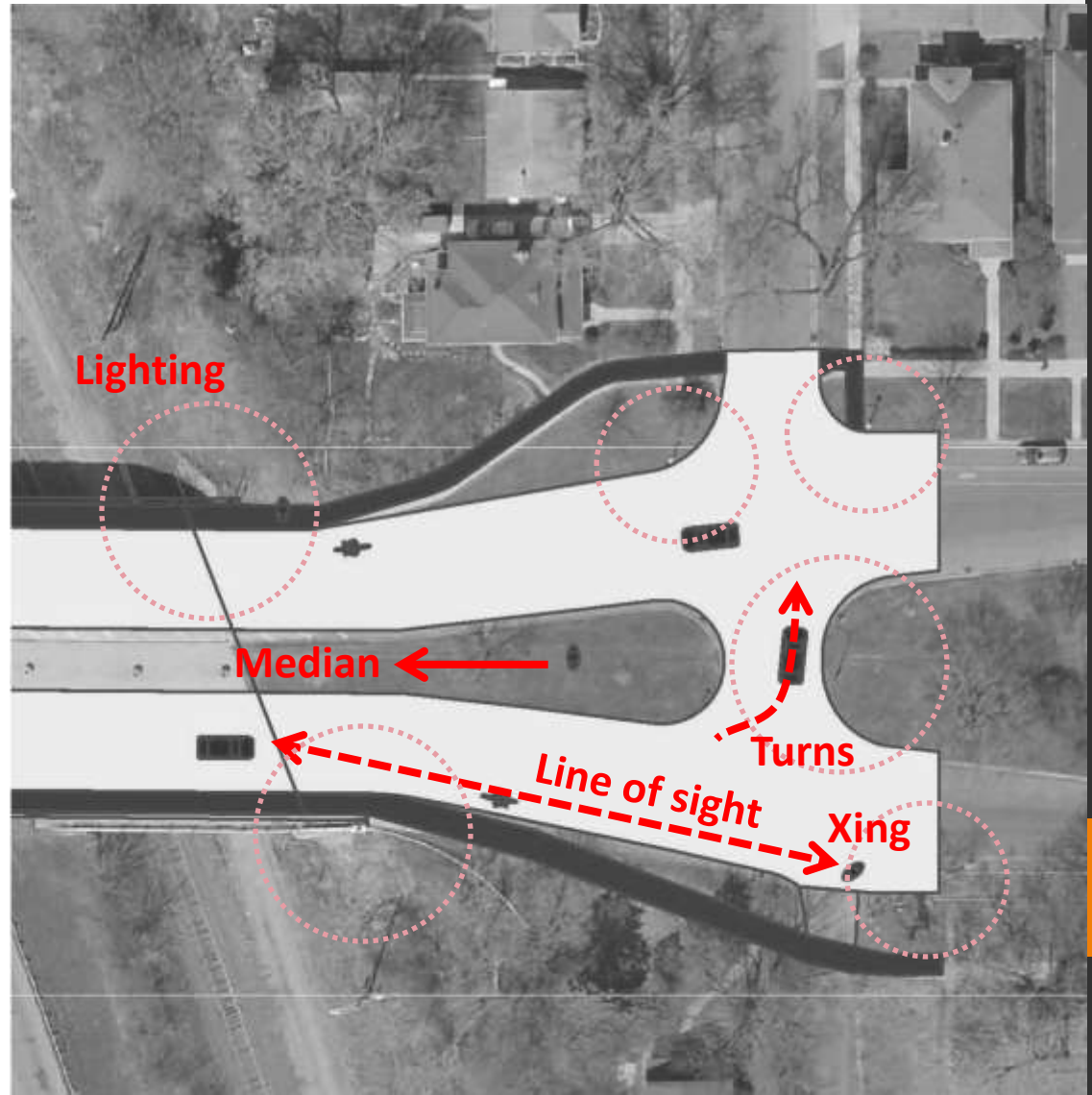
1. Limited views
2. Slope off bridge
3. Curves
4. Lighting
5. Median use
6. Turning
7. Curb lines
8. Road width
9. Railing heights
10. RR clearance



Design Parameters

Include...

1. Limited views
2. Slope off bridge
3. Curves
4. Lighting
5. Median use
6. Turning
7. Curb lines
8. Road width
9. Railing heights
10. RR clearance



Public Participation

- Input We'd Like From You
 - How you use the bridge
 - Your priorities (Survey today!)
 - Your preferences (Future meetings)

Public Participation

- Our Commitment
 - Keep you informed
 - Balance competing interests
 - Share our final decisions

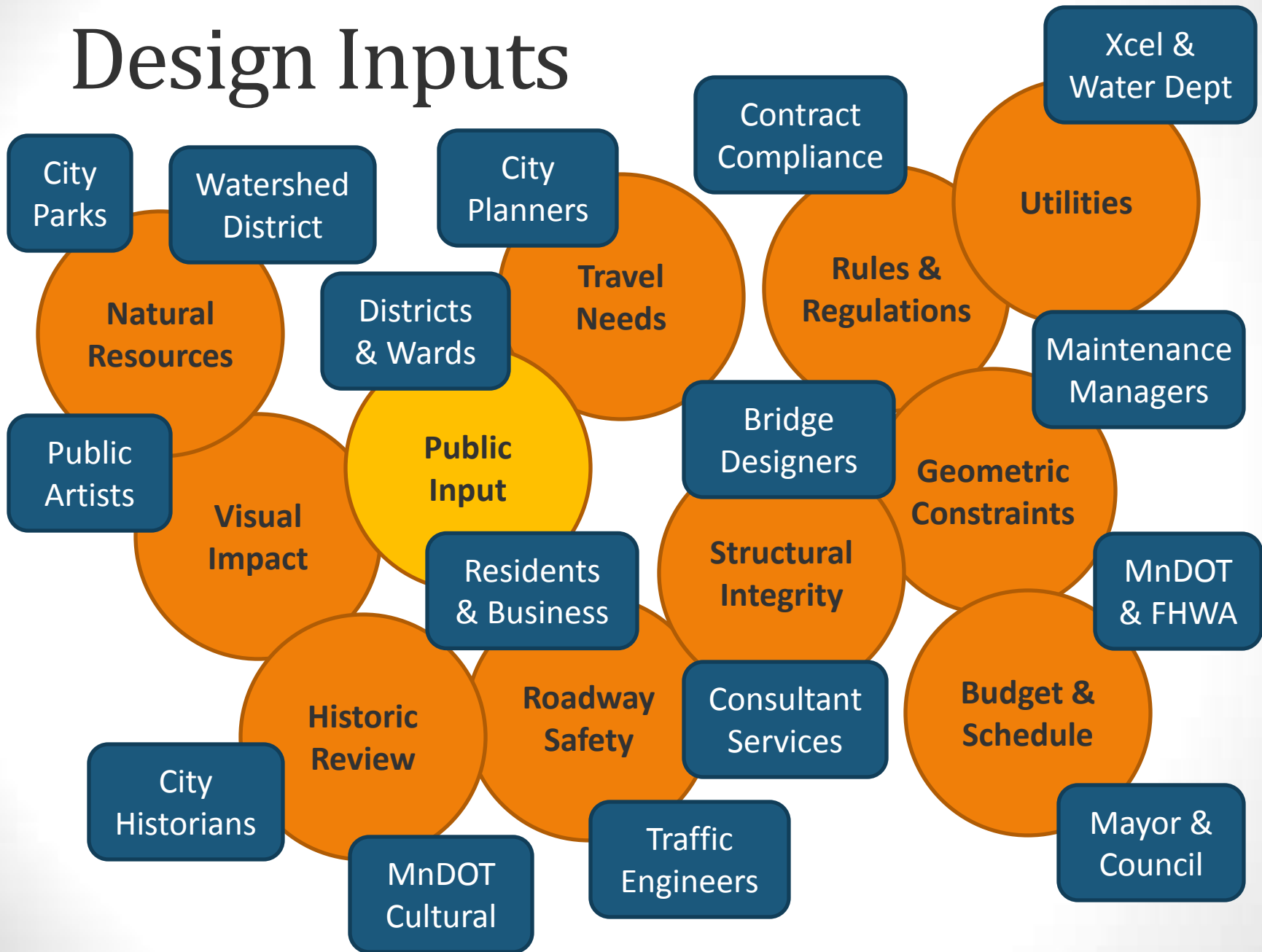
Public Participation

- How to Participate
 - Attend public meetings
 - Send email to summit-bridge@stpaul.gov
 - Visit project website at www.stpaul.gov/summit-bridge

Public Participation Next Steps

- Today
 - We provided background and information on the project.
 - Survey about Your Priorities
 - Help us identify the ISSUES most important to you.
- Meeting #2
 - We will provide a series of Alternative Concepts
 - You will provide feedback on which CONCEPTS you prefer.
- Meeting #3
 - We will present the Selected Design
 - You will provide feedback on the LOOK and FUNCTION of the design.
- Meeting #4
 - Presentation of final design and feedback to you on how public input influenced our decisions. This meeting will be Informational Only.

Design Inputs



Questions?

Survey: “Your Priorities”

1. How do you use the Summit Avenue Bridge? Select all that apply.

☐ Driving

☐ Walking/Jogging

☐ Biking

☐ Other: _____

2. Rank the following ISSUES in order of importance to you:

Issue	Rank 1 to 6 (1 is most important)
Accommodate Multi-Modal Use	_____
Improve the “Look” of the Bridge	_____
Improve Safety at Intersections or Crossings	_____
Maintain or Restore Historic Bridge/Road Features	_____
Minimize Traffic Impacts During Construction	_____
Other: _____	_____

Accommodate Multi-Modal Use

The bridge is >100' wide. Extra width adds to construction and maintenance costs. Excess width tends to promote speeding.



During design phase, the project team will:

- Re-configure the bridge surface to better accommodate vehicles, bicyclists and pedestrians.

Improve “Look” of the Bridge

The bridge is a combination of parts built in 1897 and 1962. The deck and railing is very simple. Piers and abutments vary.

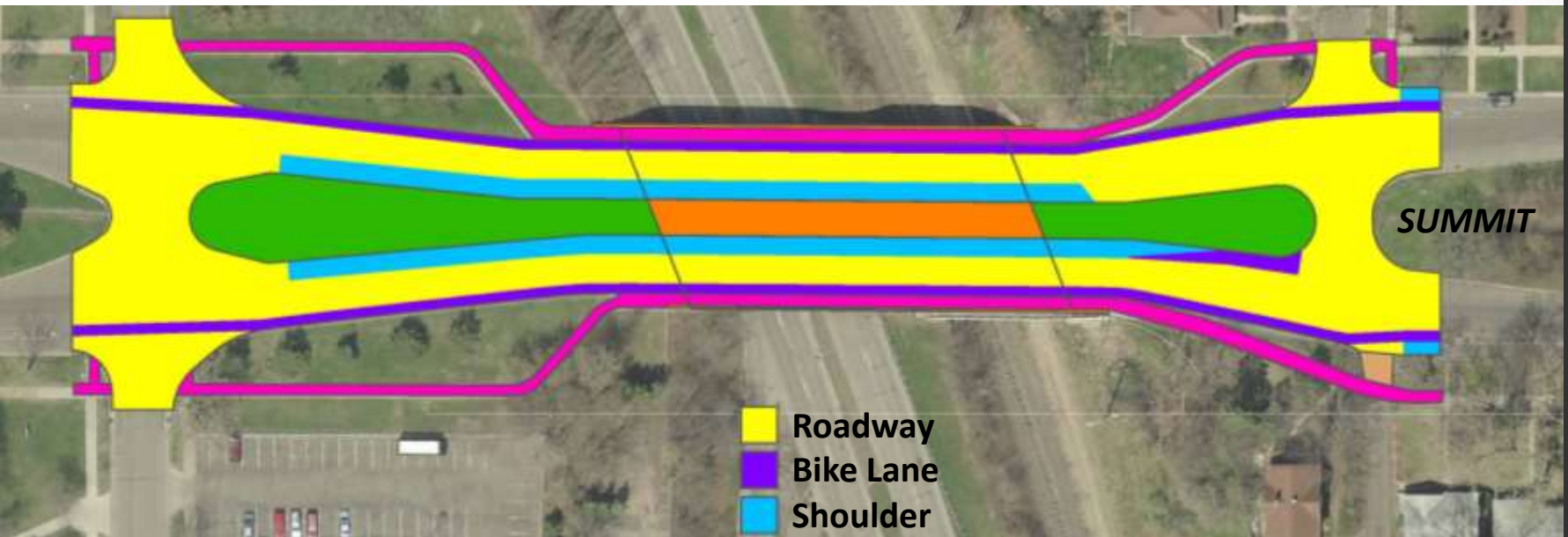


During design phase, the project team will:

- Consider how to work within budget and historic review constraints to provide a clean, visually pleasing bridge design.

Improve Intersection Safety

Bridge approaches “flare out” based on a historic road design. Sightlines and speed contribute to safety at road intersections.

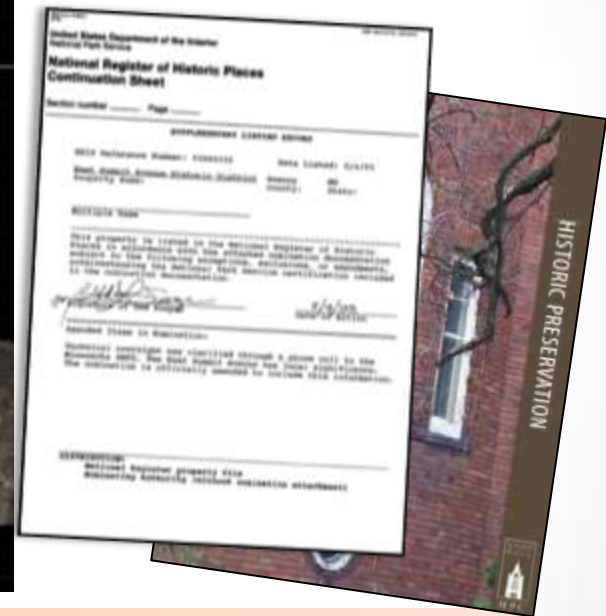
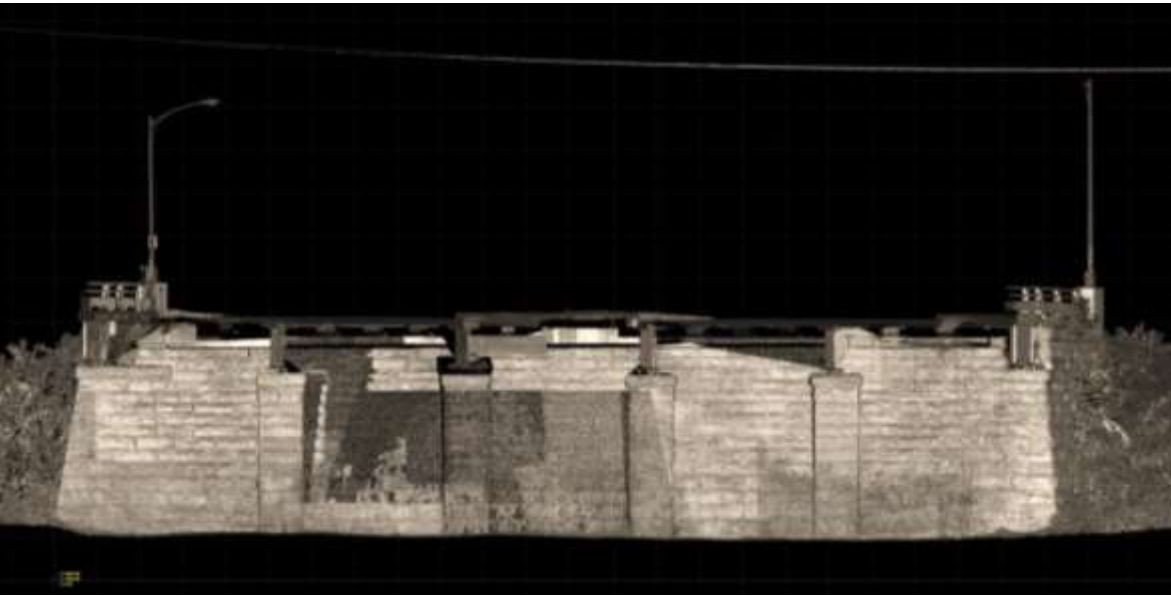


During design phase, the project team will:

- Consider roadway changes to improve pedestrian crossings and accessibility, as well as bike/vehicle turning movements.

Historic Bridge/Road Features

The bridge is located within the Summit West Heritage Preservation District and is subject to local and state review.

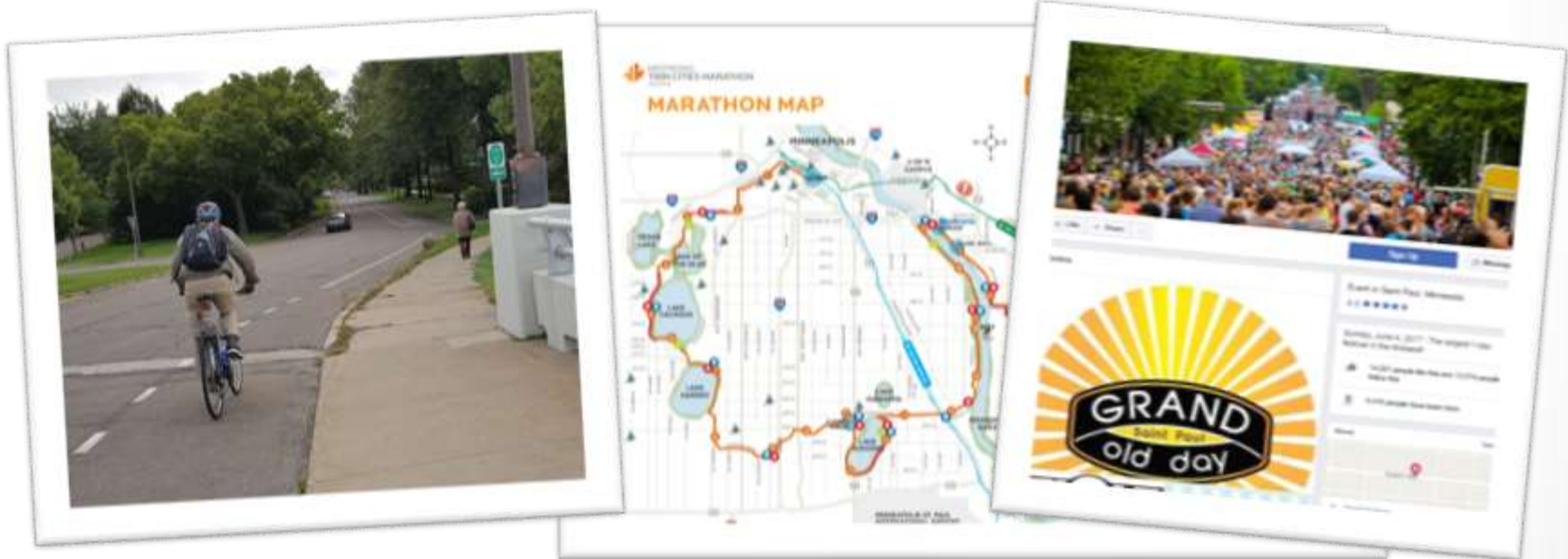


During design phase, the project team will:

- Work with historic review staff towards a goal of “no adverse impacts” to the surrounding West Summit historic district.

Minimize Construction Impacts

Summit Avenue is a popular route for work commuting, recreation, and special events. There will be inconveniences.



During design phase, the project team will:

- Work within budget constraints to determine if construction can be phased or timed to reduce inconvenience to the public.

Thank You

Brent Christensen

City Bridge Designer & Engineer

Jeannette Rebar

Community Engagement Coordinator

Website: www.stpaul.gov/summit-bridge

Email: summit-bridge@stpaul.gov

Phone: **651-266-6180**

