



PLANNING COMMISSION

WEDNESDAY, JUNE 10, 2020

II. WORK SESSIONS

B. I-5 Pedestrian Bridge (Weigel) (45 Minutes)



PLANNING COMMISSION STAFF REPORT

| | | | |
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| Meeting Date: June 10, 2020 | | Subject: I-5 Pedestrian Bridge and Gateway Plaza | |
| | | Staff Member: Zach Weigel, PE, Capital Projects Engineering Manager; Kimberly Rybold, AICP, Senior Planner | |
| | | Department: Community Development | |
| Action Required | | Advisory Board/Commission Recommendation | |
| <input type="checkbox"/> Motion <input type="checkbox"/> Public Hearing Date: <input type="checkbox"/> Ordinance 1 st Reading Date: <input type="checkbox"/> Ordinance 2 nd Reading Date: <input type="checkbox"/> Resolution <input checked="" type="checkbox"/> Information or Direction <input type="checkbox"/> Information Only <input type="checkbox"/> Council Direction <input type="checkbox"/> Consent Agenda | | <input type="checkbox"/> Approval <input type="checkbox"/> Denial <input type="checkbox"/> None Forwarded <input checked="" type="checkbox"/> Not Applicable Comments: N/A | |
| Staff Recommendation: Review conceptual plaza layouts and provide additional considerations for the I-5 Pedestrian Bridge and Gateway Plaza project in Wilsonville Town Center. | | | |
| Recommended Language for Motion: N/A | | | |
| Project / Issue Relates To: | | | |
| <input checked="" type="checkbox"/> Council Goals/Priorities I- 5 Bike-Pedestrian Bridge, Town Center | <input checked="" type="checkbox"/> Adopted Master Plan(s) Bicycle & Pedestrian Connectivity Plan, Transportation System Plan, Town Center Plan | <input type="checkbox"/> Not Applicable | |

ISSUE BEFORE COMMISSION:

The project team will provide background information on the plaza configurations currently under review, illustrating design considerations related to bridge ramp design and location. This

presentation will provide context for the presentation of refined bridge and plaza alternatives at the upcoming July work session.

EXECUTIVE SUMMARY:

In 2017, the City was awarded a Metropolitan Transportation Improvement Program (MTIP) Regional Flexible Funds (RFFA) grant from Metro for the design of the I-5 Pedestrian Bridge. The project, first identified as a need in the 2006 Bicycle and Pedestrian Master Plan and subsequently added to the Transportation System Plan (TSP) in 2013, will provide a safe pedestrian and bike crossing of Interstate 5, connecting the Villebois neighborhood and the Wilsonville Transit Center to the Town Center and adjacent residential areas. The project also includes design of the Gateway Plaza, a community gathering space identified as a community priority as part of the Town Center Plan process, on a City-owned parcel at the east bridge landing. Per the IGA for this grant, 90% design for the project must be completed in fall 2021.

After the March Planning Commission and City Council work sessions, the project team began designing bridge and plaza concepts based on feedback gathered from the project kickoff open house and survey. Based on the preliminary bridge design work, the team developed a number of conceptual ramp and plaza configurations for the Gateway Plaza, each presenting different opportunities and constraints. To prepare the Planning Commission for a discussion of bridge and plaza alternatives at the July work session, the project team will provide background information on the evolution of these plaza configurations and important considerations for each. The project team seeks feedback on the following questions:

- Are there any challenges present in these designs?
- Are there additional considerations for the plaza configurations that the project team should include in refining the concepts?
- Are there any questions to be answered about these configurations when the team presents the refined bridge and plaza alternatives in July?

Based on the Planning Commission's input, the project team will continue development of Gateway Plaza configurations, features, and design for further public consideration this summer.

EXPECTED RESULTS:

The project team will use input from the Planning Commission to further refine plaza layouts for the project's design alternatives that will be presented in July.

TIMELINE:

Project work and public engagement activities will continue throughout 2020 to further inform bridge design, plaza materials, and amenities. Environmental documentation, permitting, design and other technical work currently underway will also inform the bridge type, size, and location. This will enable the project team to engage the community on bridge and plaza design, and gather input on the preliminary design elements through an online open house and through a survey using *Let's Talk, Wilsonville!*, after which design will advance to 90% Design with an anticipated completion in fall 2021. Additional work sessions will be facilitated with the Planning Commission over the course of this project.

CURRENT YEAR BUDGET IMPACTS:

The adopted budget for FY19/20 includes \$4,000,000 in Transportation SDCs for CIP project #4202. The total project design work is estimated at \$2.25 million over the next two years. The remaining budget is intended to begin to accrue funds to pay for project construction in future years.

FINANCIAL REVIEW / COMMENTS:

Reviewed by: Date:

LEGAL REVIEW / COMMENT:

Reviewed by: Date:

COMMUNITY INVOLVEMENT PROCESS:

The pedestrian and bikeway bridge was identified as a high priority project through the last update to the Wilsonville Transportation System Plan, which included an extensive community involvement process. Likewise, the RFFA grant process included a public review and comment period in which the project garnered positive feedback from the community. In addition, the Town Center Plan included a robust and inclusive public outreach process where the Bridge Project was identified as a key framework project through extensive community support.

There will be additional opportunities to participate in the design of the Bridge Project and Gateway Plaza, which has multiple activities scoped within the Public Engagement Plan for the project. In addition to the public kickoff event, future activities will include an online open house, online surveys, stakeholder interviews, input opportunities through Let’s Talk, Wilsonville!, and pop-up information displays. The engagement plan is designed to reach as broad an audience as possible and to gather the variety of perspectives in the community. It also includes targeted outreach to specific stakeholders more impacted by activity in the Town Center.

POTENTIAL IMPACTS or BENEFIT TO THE COMMUNITY:

The Bridge Project will provide a safe bike and pedestrian crossing of I-5 that is separated from vehicular traffic with direct access to essential services in the Wilsonville Town Center, the Wilsonville Transit Center, employment areas, and educational resources. The bridge will serve all populations within and around the project area and will help the Town Center become a more vibrant, pedestrian and transit-supportive mixed-use district. Public art and environmental features integrated into the Bridge Project and plaza will help to create an attractive and accessible place for visitors and residents of all ages to shop, eat, live, work, learn, and play. The bridge and plaza investment will exemplify the City’s commitment to realizing the community’s vision for Town Center and serve as an incentive for private investment.

ALTERNATIVES:

The Commission can provide additional considerations for plaza configurations and ask questions about the configurations for consideration at the next work session.

CITY MANAGER COMMENT:

ATTACHMENT:

N/A



PLANNING COMMISSION UPDATE



WILSONVILLE TOWN CENTER
I-5 PEDESTRIAN BRIDGE

June 10, 2020

OVERVIEW

- Public Engagement Review
- Ramp / Plaza Scale + Context
- Bridge / Plaza Design Variables
- Bridge / Plaza Design Alternatives

PUBLIC ENGAGEMENT REVIEW

PUBLIC ENGAGEMENT

Themes That Resonate

1. Harmony with Nature
2. Family Friendly
3. Willamette River/Boones Ferry
4. Inclusive and Welcoming
5. Active and Mobile

Prioritizing Elements

1. Bridge and plaza should integrate nature and sustainable design.
2. Bridge connections should support future development.
3. Plaza should provide places to stop and rest.
4. Plaza should incorporate art.
5. Bridge as iconic structure.

PUBLIC ENGAGEMENT Preferred Design Features

Bridge Form



Arching - Simple



Cable - Cantilever



Modern - Artistic



Structural



Open

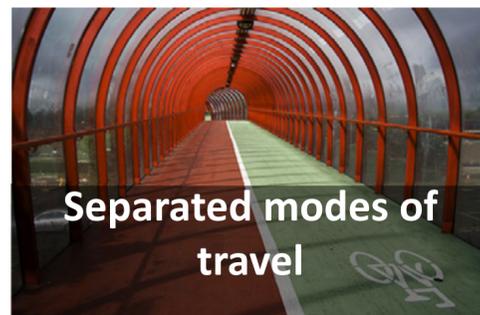


Semi-Enclosed



Architectural

Bridge Amenities



Separated modes of travel



Unique lighting



Natural features



Sustainable features

East Plaza Design Elements



Sustainable features



Extensive tree canopy



Social seating



Cyclist amenities



Shade/rain shelter



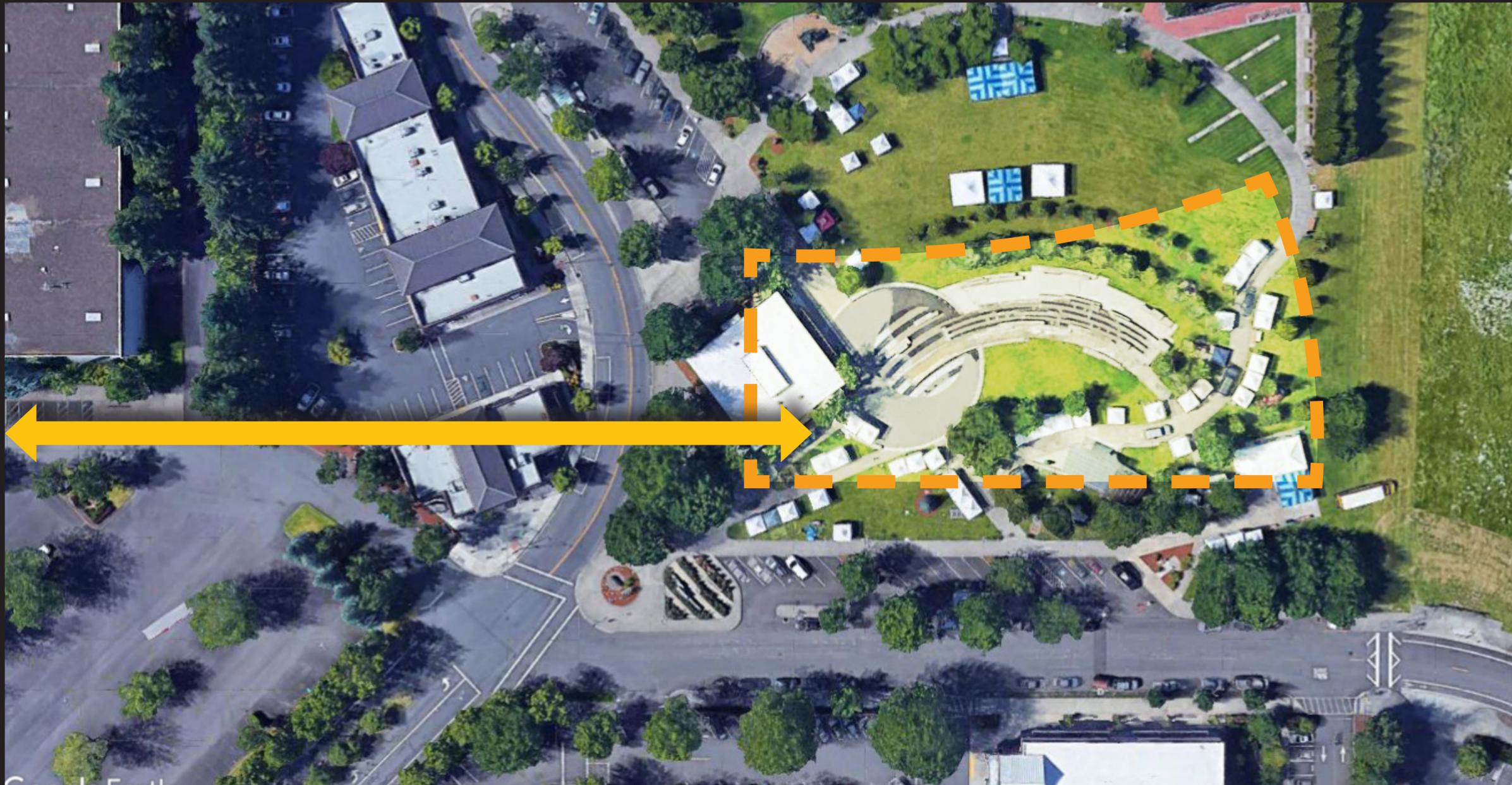
Extensive planting

RAMP / PLAZA SCALE + CONTEXT

I-5 PED BRIDGE + PLAZA CONTEXT



SCALE East Ramp/Plaza + Town Center Park



SCALE East Ramp Form

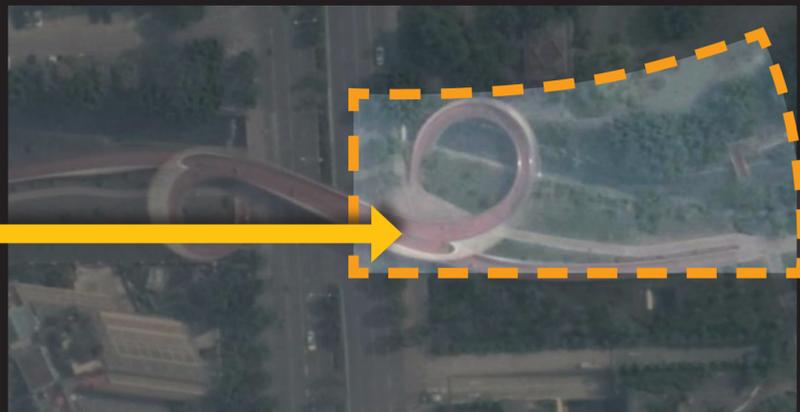
E. RAMP/PLAZA SITE



FUTURE BRIDGE WILSONVILLE, OR



COMPACT "LOOP" RAMP



RUYI BRIDGE SICHUAN, CHINA



MEANDERING "SWOOP" RAMP

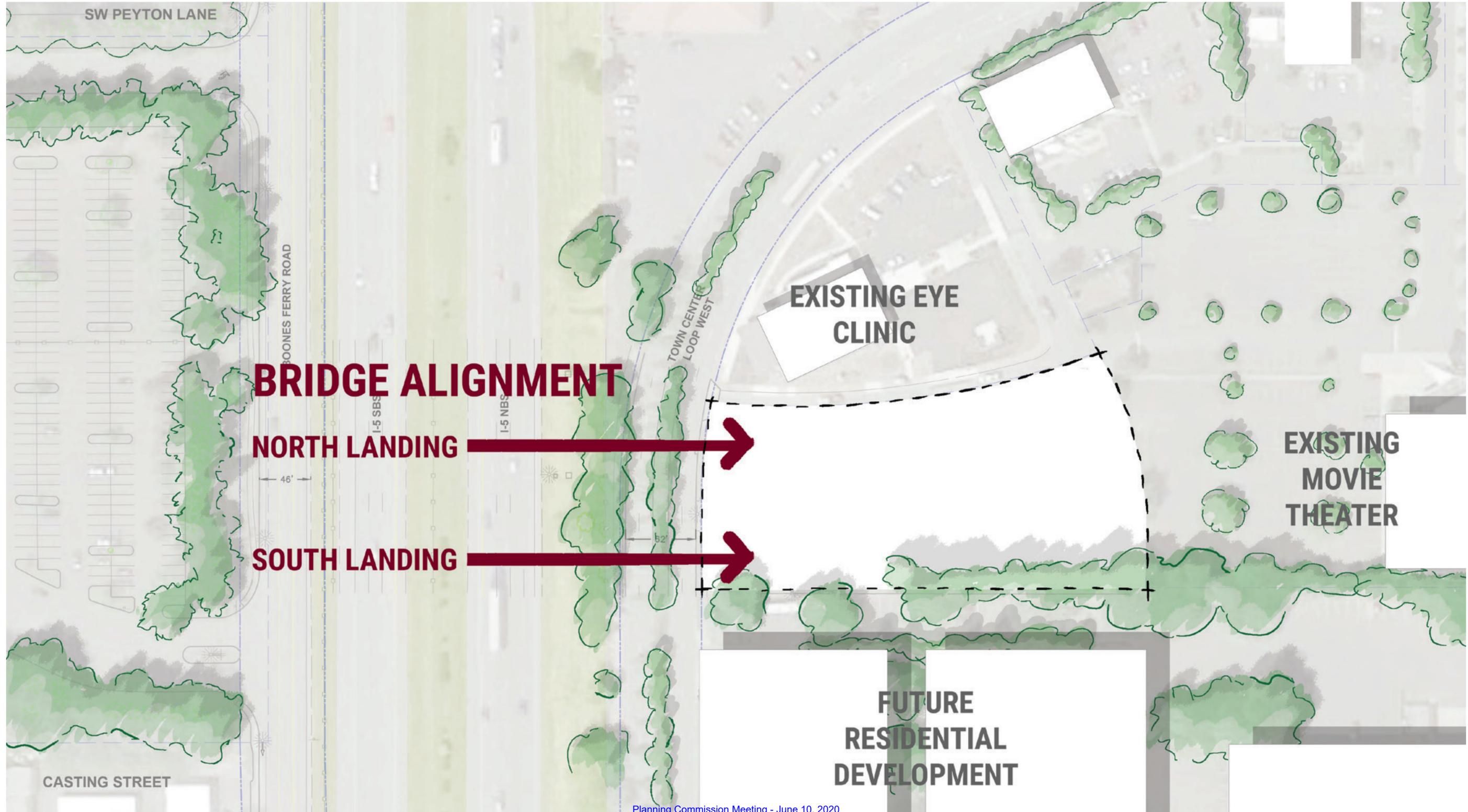


LAND BRIDGE VANCOUVER, WA



BRIDGE / PLAZA DESIGN VARIABLES

BRIDGE ALIGNMENTS

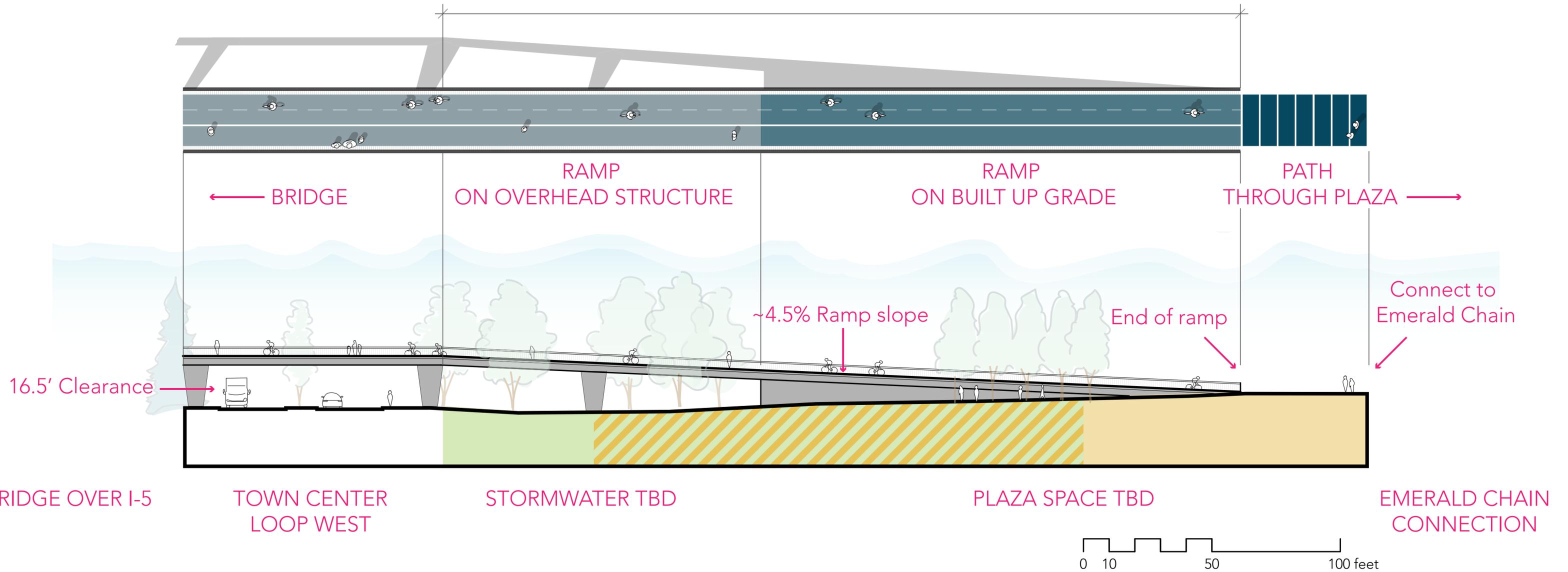


PLAZA LOCATIONS



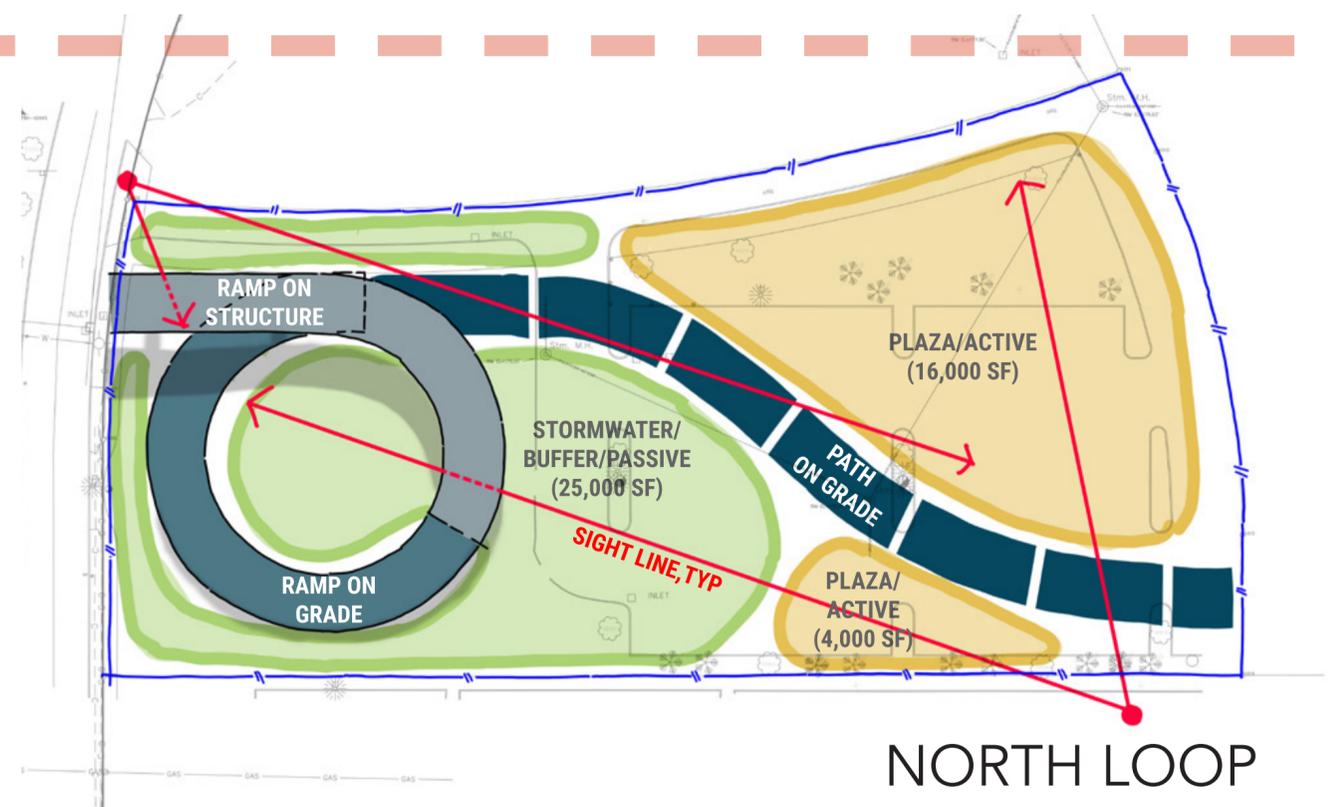
EAST RAMP CONDITIONS

Ramp length varies depending on alignment and depth of bridge deck

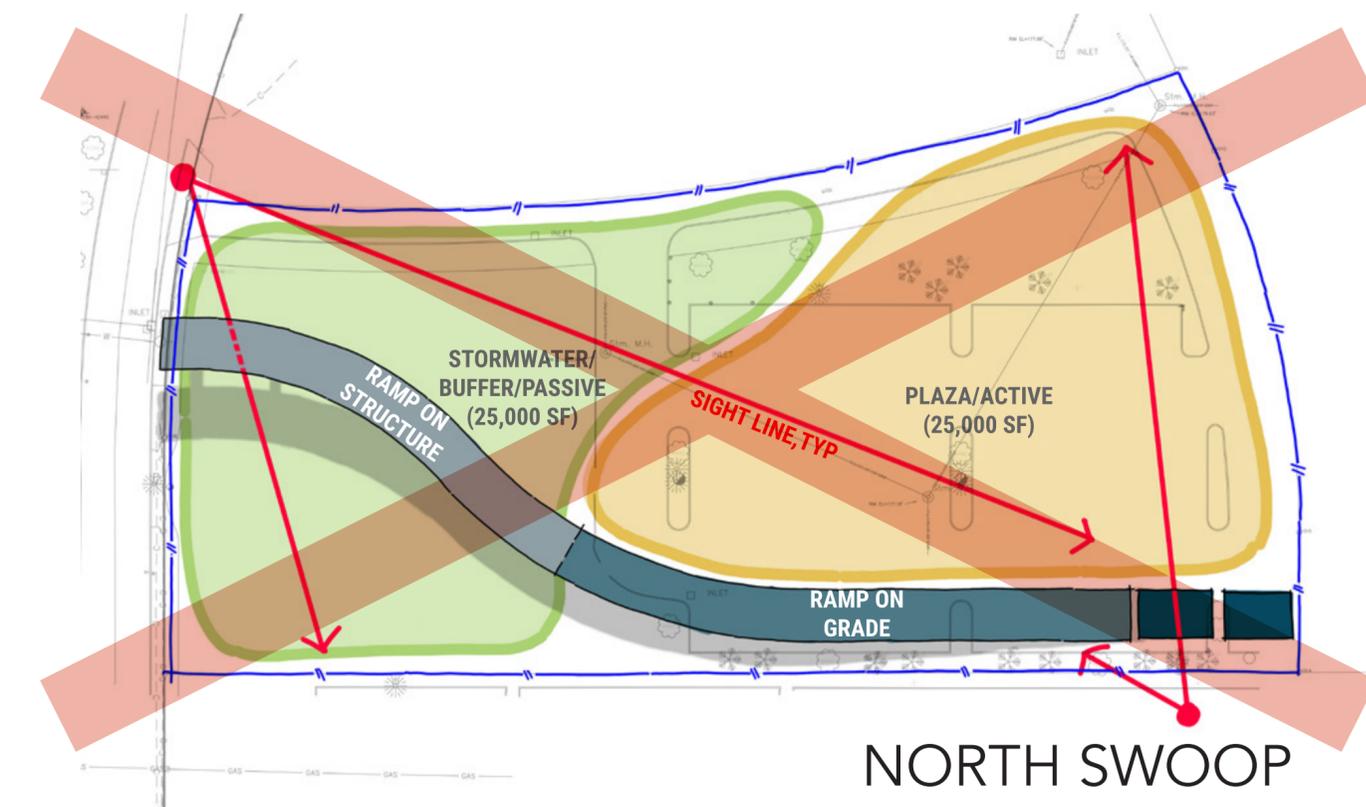


EAST RAMP / PLAZA DESIGN ALTERNATIVES

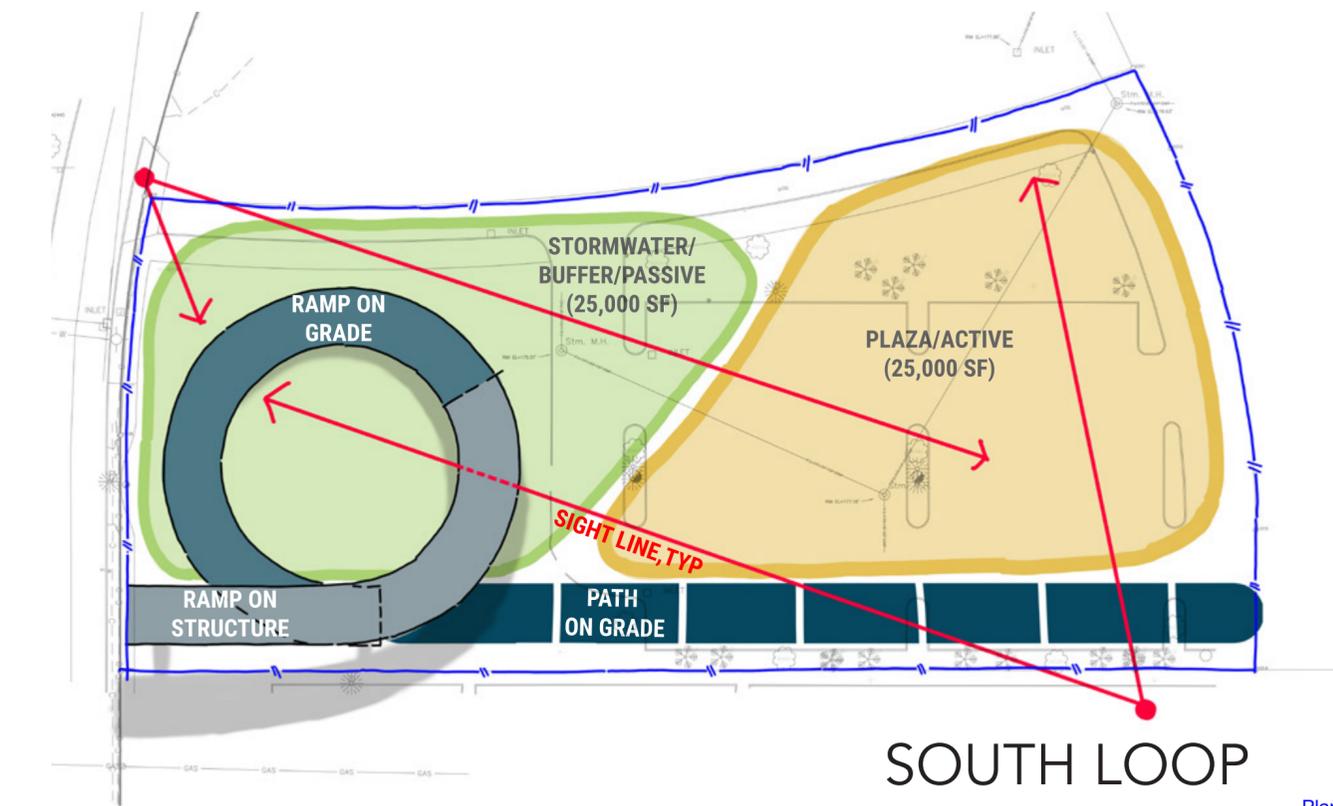
EAST RAMP / PLAZA CONFIGURATIONS



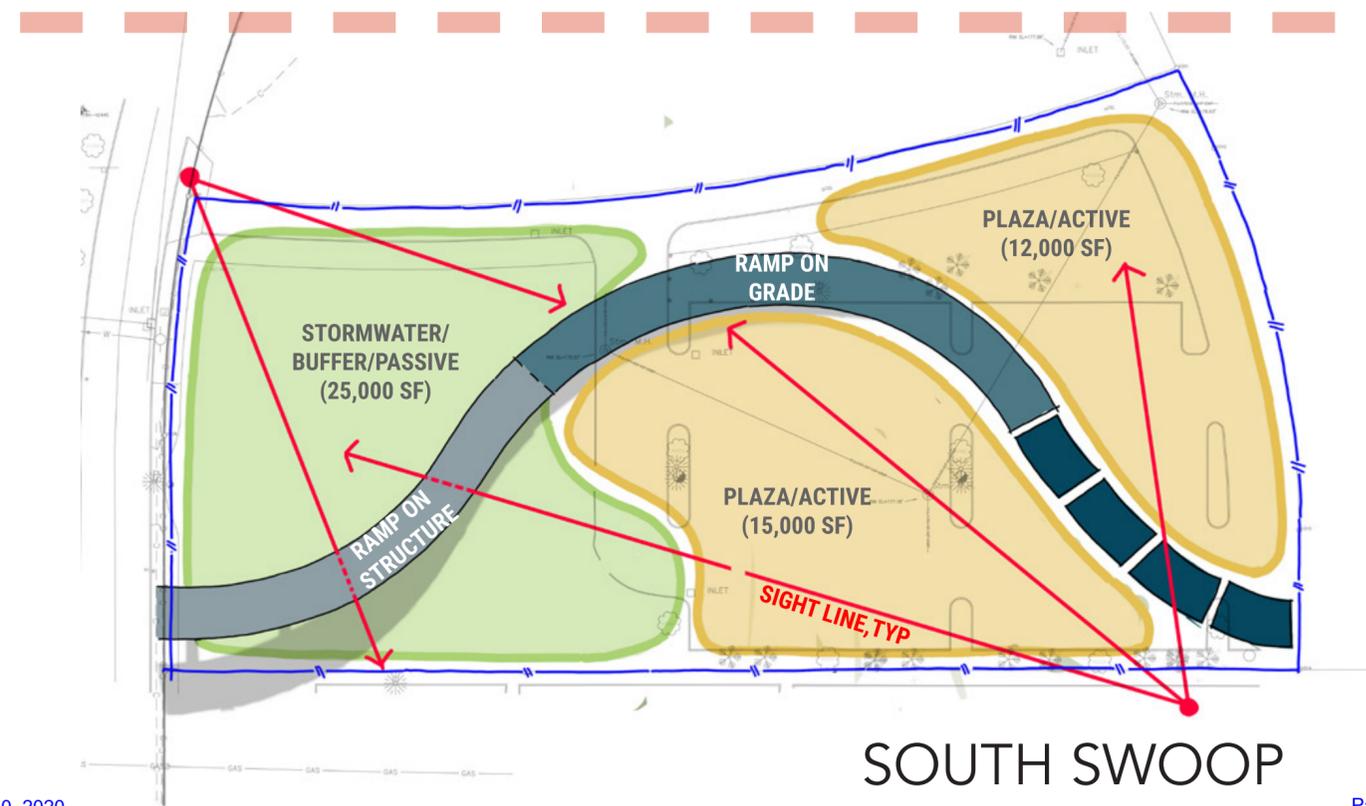
NORTH LOOP



NORTH SWOOP



SOUTH LOOP



SOUTH SWOOP

QUESTIONS?

- Are there any challenges you see for these designs?
- Any additional considerations or concerns?
- Any questions to answer at July update?