

Swan Creek Park
Bicycle and Pedestrian Bridge
Public Meeting #2



1. Introduction & Project Background
2. Alignment Options Evaluation
3. Bridge Options
4. Landscape Options
5. Discussion
6. Wrap Up



**SALISHAN
NEIGHBORHOOD**

**LISTER
ELEMENTARY
SCHOOL**

SWAN CREEK PARK

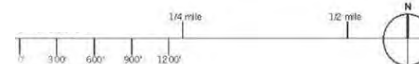
FIRST CREEK

FIRST CREEK MIDDLE SCHOOL



Swan Creek Master Plan

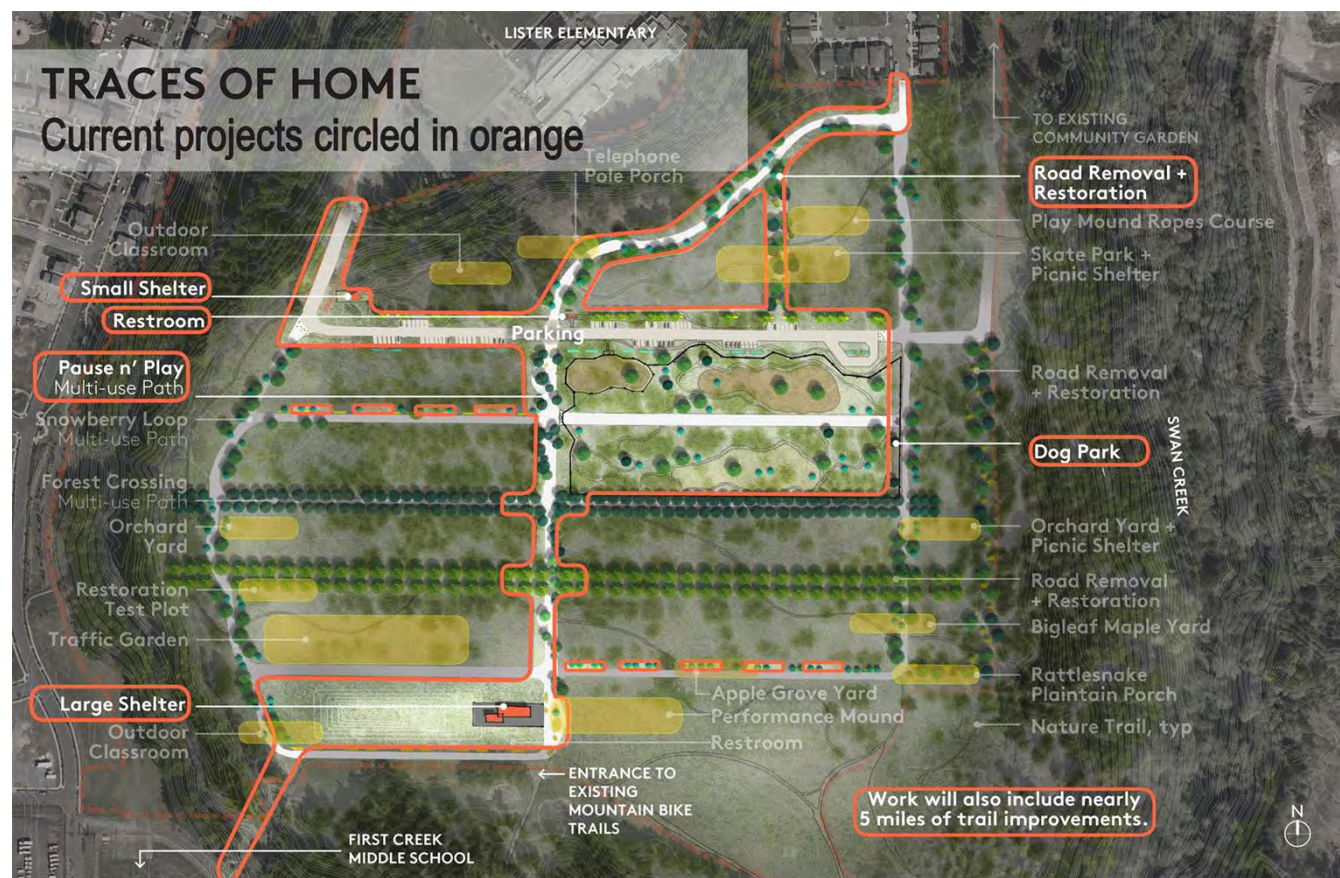
- 296 acres
- Hub of varying actives
- Strong Outdoor Environment- Connections- schools, trails, community centers, trail heads, and neighborhoods
- Many entrances into the Swan Creek but...
- City of Tacoma is working on a Mobility Master Plan that connects these trails and more.
- 2011 was the first Master Plan
- 2019 Parks Tacoma did an update with a Phase 1 development



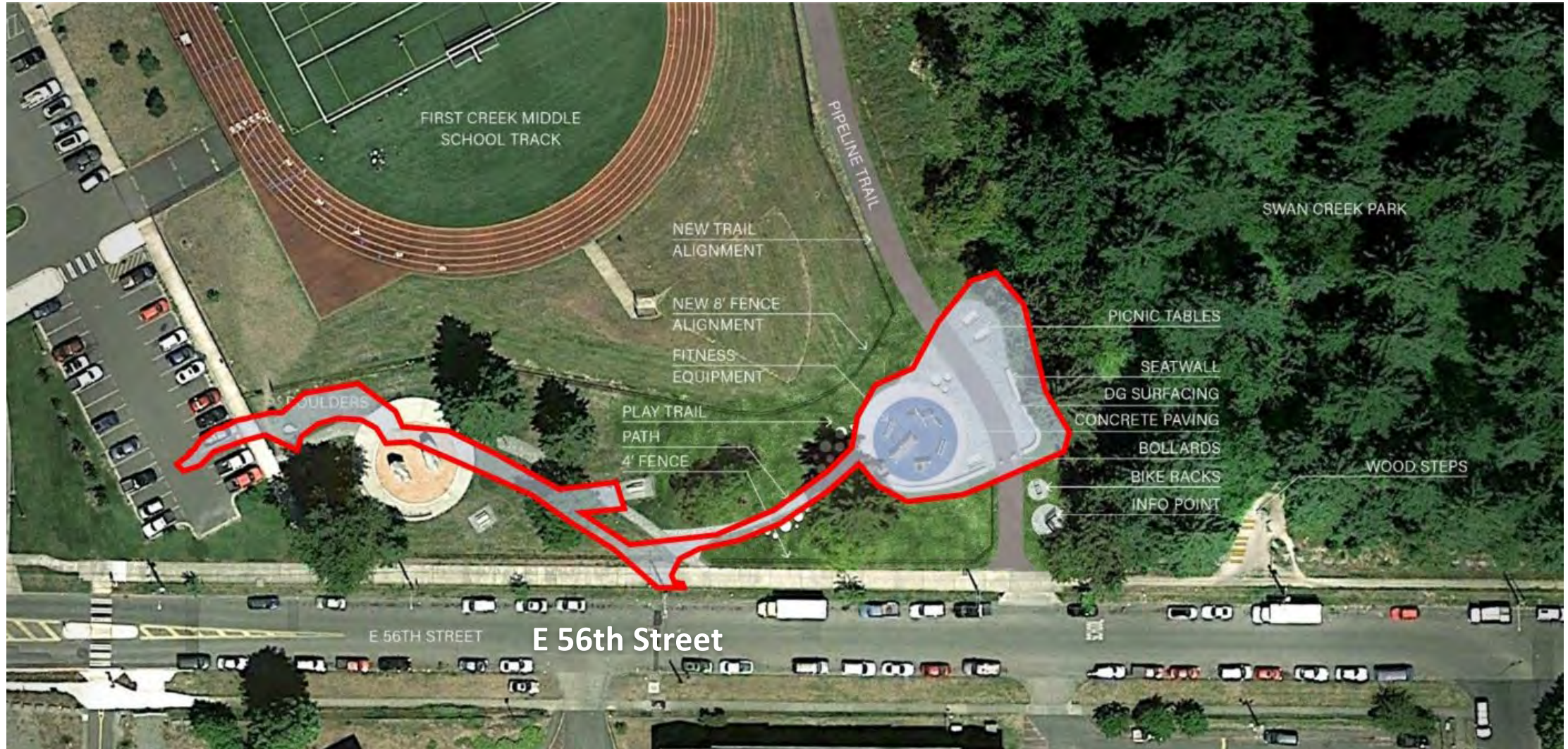
SWAN CREEK MASTER PLAN - PREFERRED OPTION



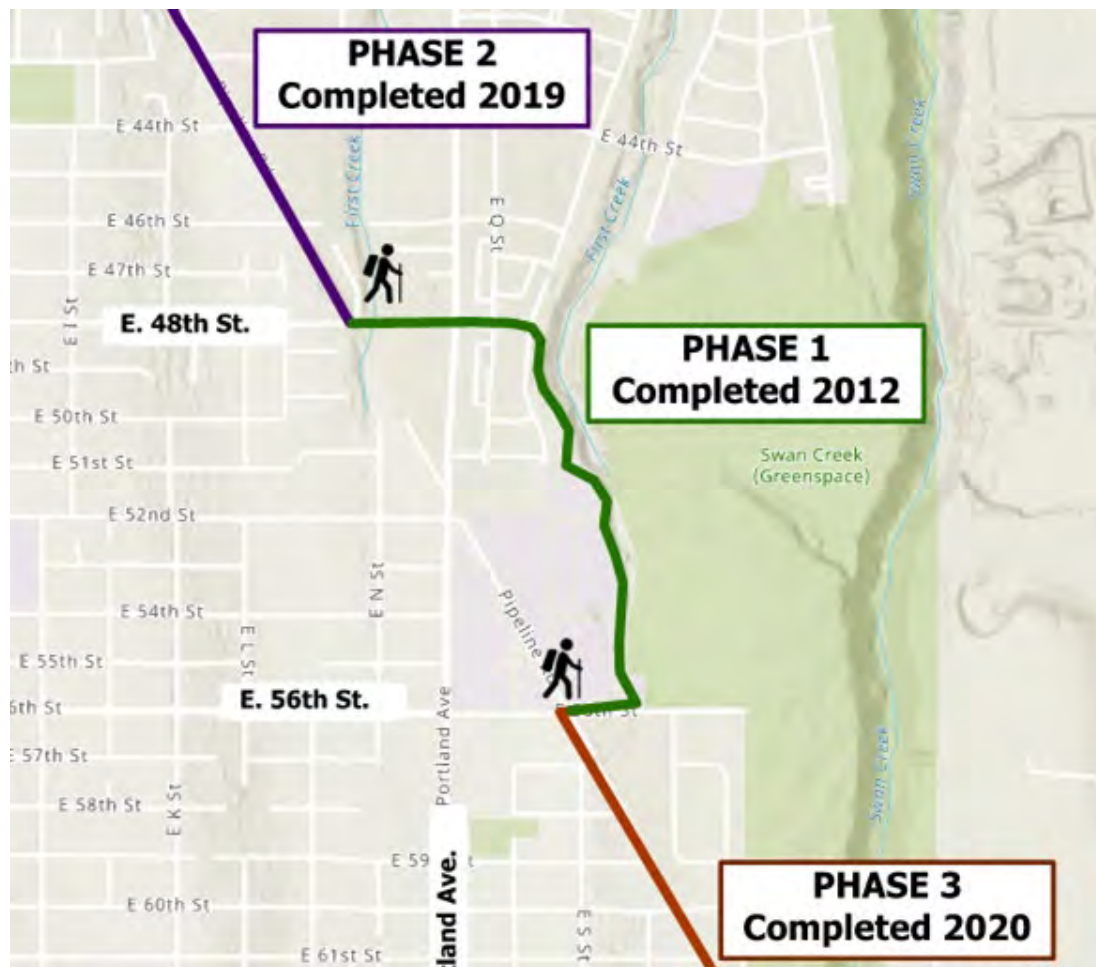
Swan Creek Master Plan



First Creek Trail Improvements



City of Tacoma Mobility Master Plan



- Acquired a State Commerce grant for \$400,000 from the State Legislature to complete a schematic design for a pedestrian and bicycle bridge.
- Hired our Architectural and Engineering Team V+M and MxM
- Conducted a Critical Areas Assessment
- Site visits/walks through the spaces and surroundings
- Analyzed 3 locations, with 2 being appropriate to explore.
- Looking at stakeholders (City of Tacoma, Tacoma Housing Authority, Puyallup Tribe of Indians, schools, neighbors...)
- First Public Meeting (January 2025) and online survey
- Table top Geotechnical Report

Project Timeline and Next Steps



2. Alignment Options Evaluation

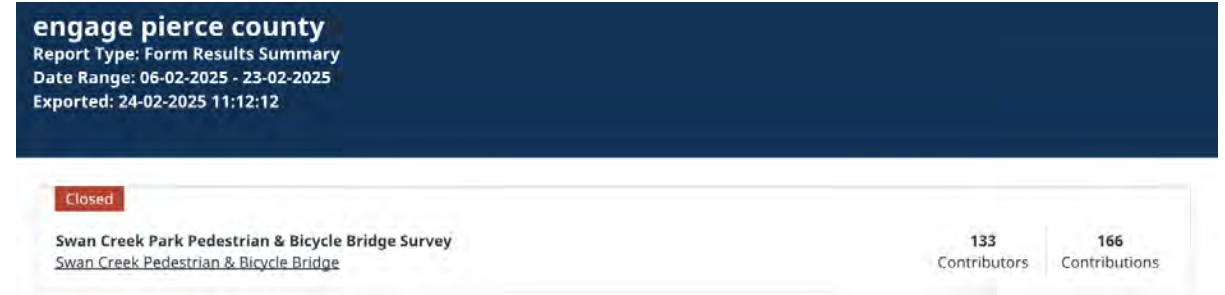


Alignment Options Evaluation Matrix

Item	Evaluation Criteria	Qualitative Criteria/ Measurement	Category Points Available	Options	
				E 48 th St. (North Crossing)	E 51 st St. (South Crossing)
1	Public Safety	➤ User safety and visibility of the bridge for pedestrian and bike path users.	14	14	7
2	User Appeal	➤ Location is near the neighborhood center and ties in smoothly with existing pedestrian and bike paths.	10	10	5
3	Cost	➤ Relative cost of project construction, material escalation, and path upgrades.	30	21	30
4	Community Facilities	➤ Opportunities to add value to the Swan Creek Park by developing a new entrance at the vacant E 51 st St lot.	6	0	6
5	Neighborhood Impacts	➤ Impact on adjacent private property owners; minimal impact preferred.	10	8	5
6	Property	➤ Simplified Right-of-way (ROW); not needing a temporary construction easement or permanent easement is preferred.	12	0	12
7	School Access	➤ Proximity to First Creek Middle School.	8	4	8
8	Tree Impacts	➤ Tree removal required for the bridge; minimal removal preferred.	10	10	2
Total =			100	67	75

Criteria selection and weighting

- Open House #1
- Open House #1 Online Survey
- Stakeholder meetings
- Parks Tacoma meetings
- University of Washington Tacoma Youth Survey



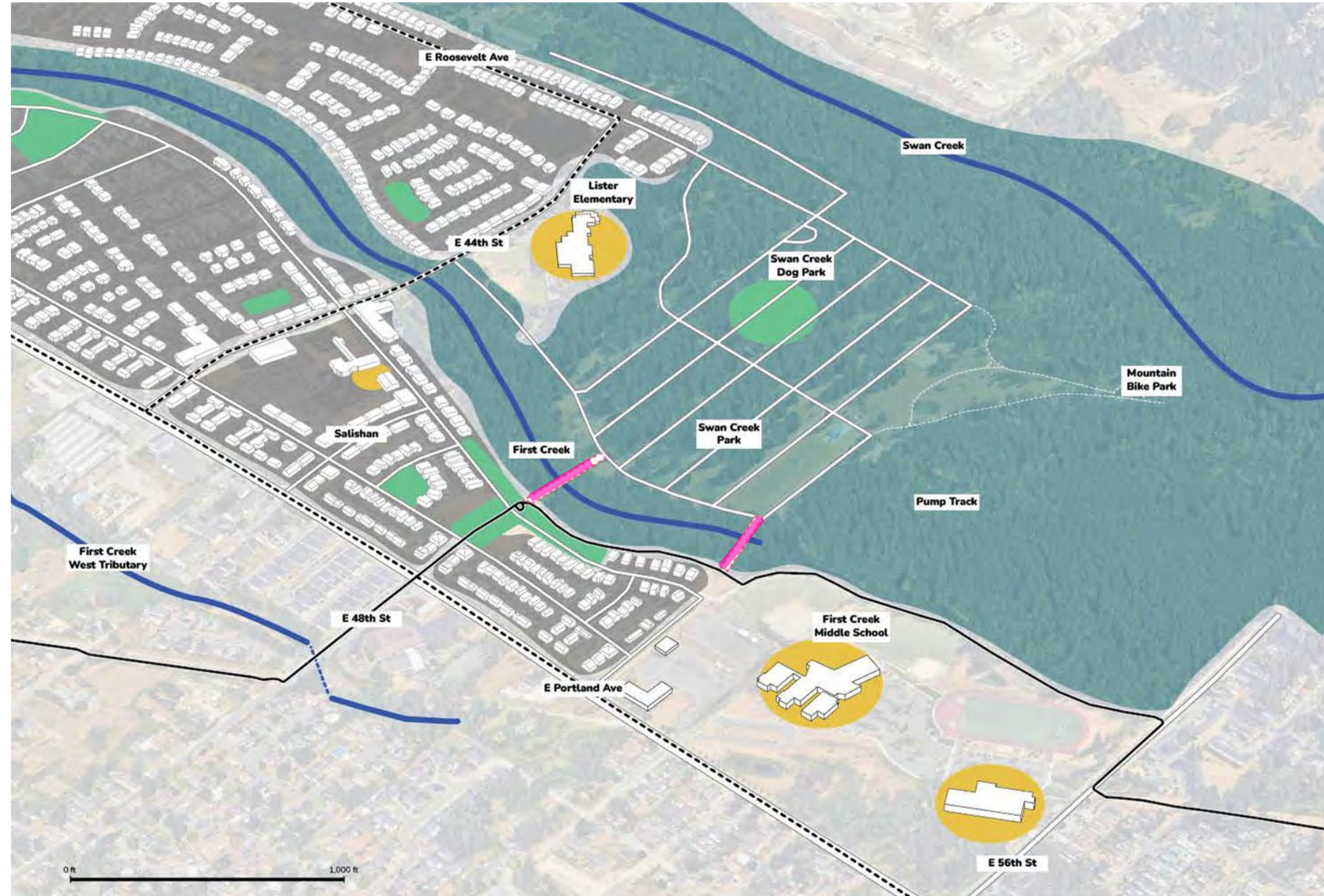
Alignment Options Evaluation Matrix



Alignment Options Evaluation Matrix

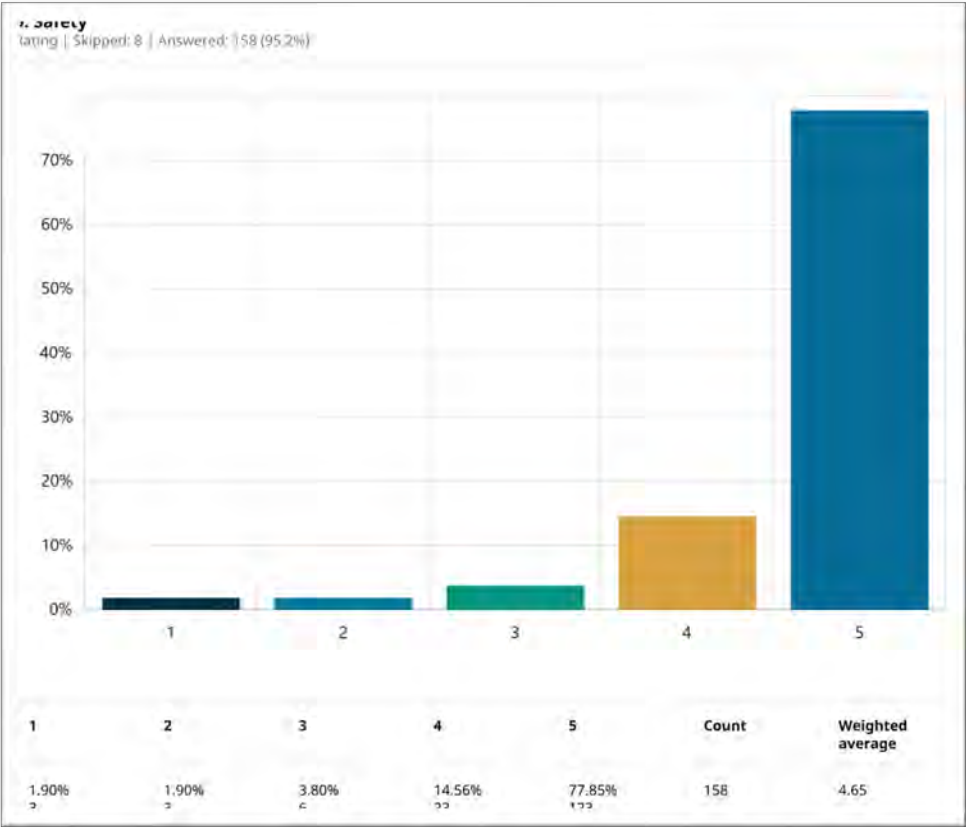
SWAN CREEK BRIDGE

- Key**
-  Park + Greenspace
 -  Institution
 -  Bicycle Path
 -  Pipeline Trail
 -  Salishan
 -  Creek



Public Safety

User safety and visibility of the bridge for pedestrian and bike path users.



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User Appeal

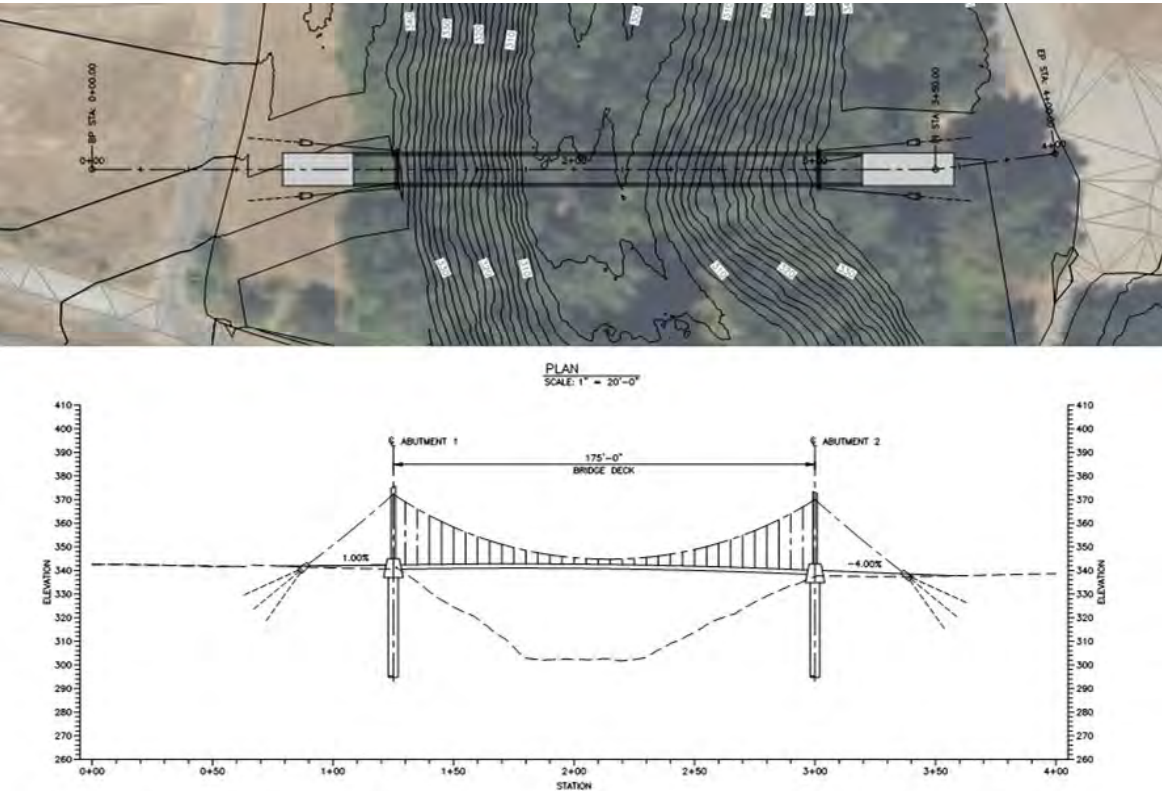
Location is near the neighborhood center and ties in smoothly with existing pedestrian and bike paths.



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Community Facilities

Opportunities to add value to the Swan Creek Park by developing a new entrance at the vacant E 51st St lot.



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Neighborhood Impacts

Impact on adjacent private property owners and traffic; minimal impact preferred.

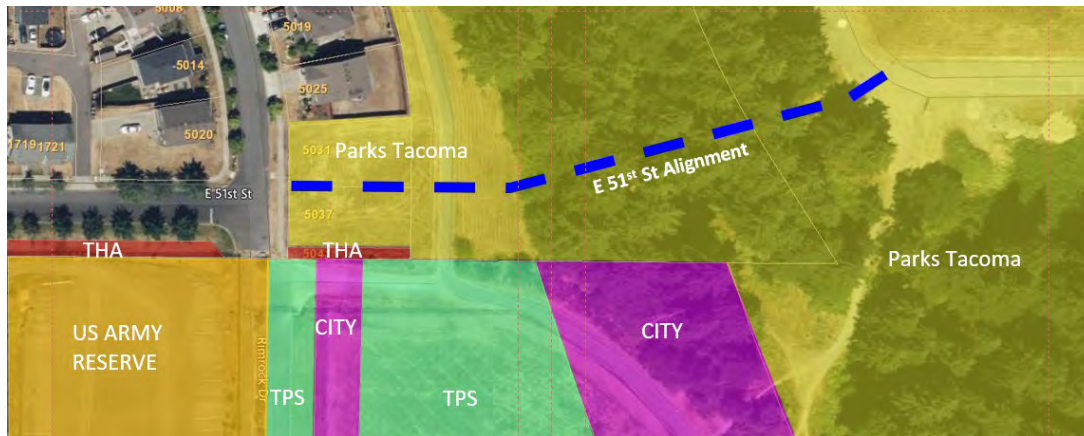
- Parking at 48th could impact traffic
- Consider neighbors

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Property

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School Access

Proximity to First Creek Middle School.



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Tree Impacts

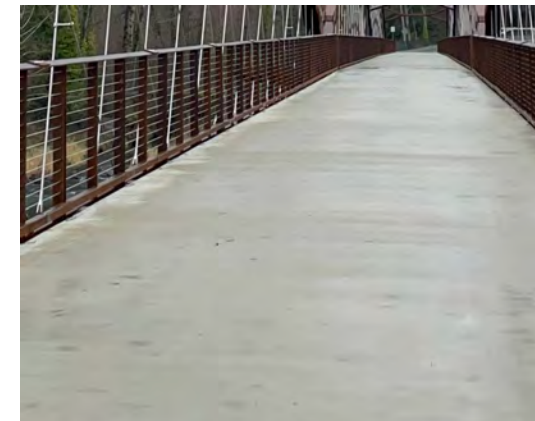
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Other Community Values:

- Accessibility, non-slip surfaces/smooth-rolling surface
- Safety and CPTED considerations
- Trash in the area and potential for things being thrown off the bridge
- Restorative landscape work
- Bridge width
- Durability
- Lighting
- Aesthetics that reflects local culture and nature
- Engaging with the Tribes



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3. Bridge Options



E 51st Street

- A. Arch
- B. Suspension
- C. Underslung
- D. Hybrid

A deck width of 14-ft clear between the railings is used in all renderings.



Bridge Options: E 51st St

OPTION A) Arch Bridge



Bridge Options: E 51st St

OPTION A) Arch Bridge



OPTION A) Arch Bridge



Bridge Options: E 51st St

OPTION A) Arch Bridge



Bridge Options: E 51st St

OPTION A) Arch Bridge



Bridge Options: E 51st St

OPTION B) Suspension Bridge



OPTION B) Suspension Bridge



Bridge Options: E 51st St

OPTION B) Suspension Bridge



Bridge Options: E 51st St

OPTION B) Suspension Bridge



Bridge Options: E 51st St

OPTION B) Suspension Bridge



Bridge Options: E 51st St

OPTION C) Underslung Bridge



Bridge Options: E 51st St

OPTION C) Underslung Bridge



Bridge Options: E 51st St

OPTION C) Underslung Bridge



OPTION C) Underslung Bridge



OPTION C) Underslung Bridge



Bridge Options: E 51st St

OPTION D) Hybrid Bridge



Bridge Options: E 51st St

OPTION D) Hybrid Bridge



Bridge Options: E 51st St

OPTION D) Hybrid Bridge



OPTION D) Hybrid Bridge





Bridge Options: E 51st St

Gateway Artwork Opportunity



4. Landscape Options



Landscape Options



Option 1

Legend

1. Pipeline Trail maintained in current alignment
2. New bridge
3. Way finding kiosk
4. Open space for community uses
5. Alignment with sidewalk/curb edge
6. Open space island to discourage vehicles
7. Specialty paving
8. Gateway art

Landscape Options



Option 2

Legend

1. Reconfigured Pipeline Trail alignment to provide longer sightlines and shallower grades
2. New bridge
3. Way finding kiosk
4. Open space for community uses
5. Alignment with center of the street
6. Open space island to discourage vehicles
7. Specialty paving
8. Gateway art

What Should Happen In This New Open Space?



Area for Lawn Games



Chess



Gaga Ball



Fitness Equipment



Table Tennis



Drop Ball



Foursquare



Tetherball



Parkour Fitness Structures



Traffic Garden

Play, Explore, and Grow



Natural Benches



Umbrella Seating



Swinging Benches

Seating



Light Posts

Lighting



Integrated Walkway Lighting



Information Kiosk



Public Plaza



Vegetation Buffers



Pollinator Garden



Gateway



Public Art

Community Story and Heart



Picnic Shelters

5. Discussion



- 1) Which bridge option(s) are most compelling to you? Why?
- 2) Are there any thoughts that you would like the team to consider as the project moves into the next design phase?
- 3) Of the two options for the park at the end of E 51st Street, which one makes the most sense given the various users (trail users, park users, school kids and families)?
- 4) What would you like to see happen at the park site at E 51st Street to activate it?

6. Wrap Up



Project Timeline and Next Steps





Thank you!

Kristi Evans

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Kristie@tacomaparks.com