

SW BRANDON & SW FINDLAY STREETS Trail Improvements & Wayfinding Plan

SEATTLE, WASHINGTON | JANUARY 2021





TABLE OF CONTENTS







14 Site Walk Meeting

15-16 Focus Areas and Site Inventory

18-19 Photographs and Street Analysis

20-21 Proview Meeting #1 and Right-of-Way

22 Environmentally Critical Areas

23-24 Site Slope Data and Community Meeting #1

26 Neighborhood House Events

28 Meeting with SPU

30 Meeting with SDOT

31 Meeting with SCL



SCHEMATIC DESIGN PG.

34 - 37 Focus Areas

38 - 48 Schematic Design

48 Proview Meeting #2

4-5 Acknowledgments & Abbreviations

6 Executive Summary **10 - 11** Project Origins

8 - 9

Site Context







62 Cost Estimate

50 - 51 Flyers

52 - 53 Online Outreach

PG

54 - 60 Online Survey



RESOURCES



64 - 66 Funding Sources

67-68 Permitting Resources



APPENDICES

SEPARATE DOCUMENT

Appendix A Meeting Notes

Appendix B Community Outreach

Appendix C Schematic Graphics

Appendix D Public Comments Full Cost Estimate

Appendix E Permitting Resources

ACKNOWLEDGMENTS

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ABBREVIATIONS

DNDA	Delridge Neighborhoods Development Association
DON	Department of Neighborhoods
NMF	Neighborhood Matching Fund
NPSF	Neighborhood Parks and Streets Fund
NSF	Neighborhood Street Fund
OED	Office of Economic Development
OH	Office of Housing
OPCD	Office of Planning and Community Development
OSE	Office of Sustainability and the Environment
PHSKC	Public Health – Seattle & King County
PICH	Partnerships in Community Health
SDCI	Seattle Department of Construction and Inspections
SDOT	Seattle Department of Transportation
SPR	Seattle Parks and Recreation
SPU	Seattle Public Utilities
SWYFS	Southwest Youth and Family Services
SWYES	Southwest Youth and Family Services

EXECUTIVE SUMMARY

LOCATION

Located in the Delridge neighborhood of West Seattle, this planning project focused on the existing pedestrian paths and wayfinding along SW Brandon Street and SW Findlay Street, between 30th Ave SW and 26th Ave SW. This area was identified within the North Delridge Action Plan in September 2018 after an extensive community enagement and planning process to confirm and update priorites within the Delridge Neighborhod Plan. Due to the steep topography and the natural areas associated with Longfellow Creek the pedestrian mobility is challenging, and presents significant barriers between the neighborhoods of High Point to the west and Delridge to the east.

PROJECT FUNDING & PARTNERS

Funding for the project was provided by Seattle Parks & Recreation with cooperation with the City Council's offfice of Lisa Herbold, as well as Seattle's Department of Transportation (SDOT). SDOT provided funding due King County Metro's Rapid Ride H-Line service starting along Delrdige Way SW in 2021.

PROJECT GOALS

The three goals of this project include:

- 1. Improve neighborhood mobility and wayfinding.
- 2. Improve the existing public trail entries at Camp Long and Longfellow Creek from SW Brandon Street and make them more welcoming.
- 3. Improve access to the RapidRide H-Line future bus stops at SW Findlay Street and Delridge Way SW.

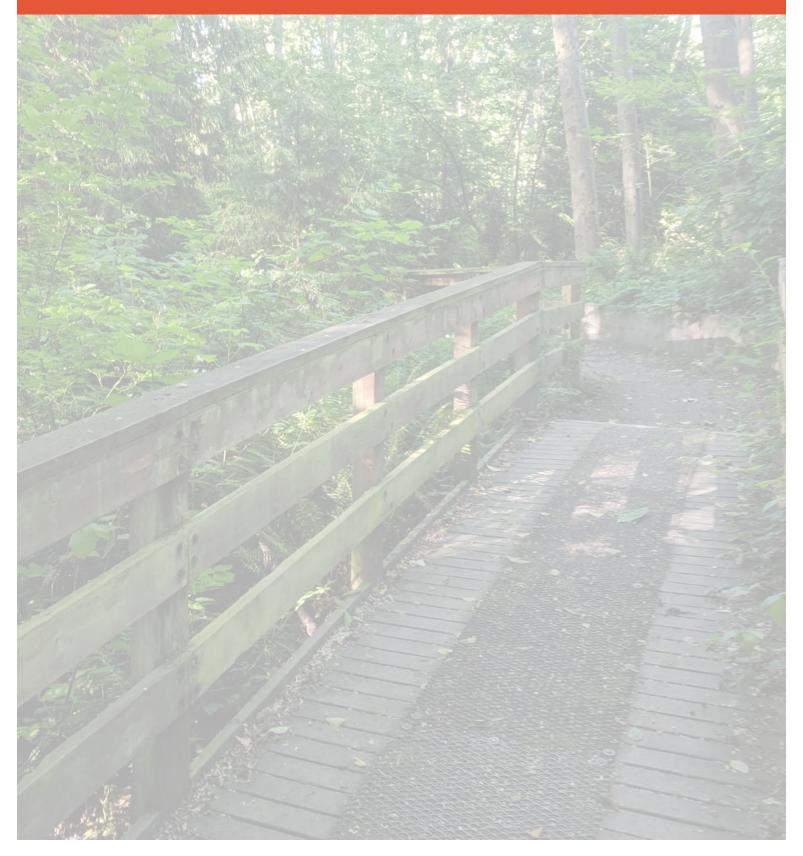
PROJECT PROCESS

Community involvement was essential to planning for the improvements of pedestrian paths and wayfinding. This process included multiple on-site meetings with city stakeholders, and an on-site community meeting in December 2019 to review the existing conditions and assess opportunities for improvements. Due to the COVID-19 pandemic occuring in 2020, flyers were developed for outreach, and an online survey was developed to assess the priorities for the improvements.

PROJECT OUTCOMES

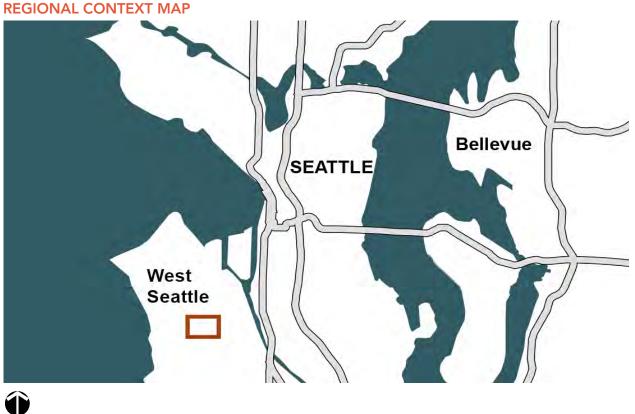
Throughout the project, it was clear that there is a significant need to improve the mobility and wayfinding in the project area. The existing trails, despite the challenges, are used frequently by the immediate neighborhoods, school aged children, regional commuters to work, and for weekend recreation. Of all the areas assessed, the community expressed the need to improve Brandon Street the most. The following report outlines the recommended schematic design improvements based on community feedback and prioritizes which improvements should be studied further towards more detailed design and construction.

INTRODUCTION



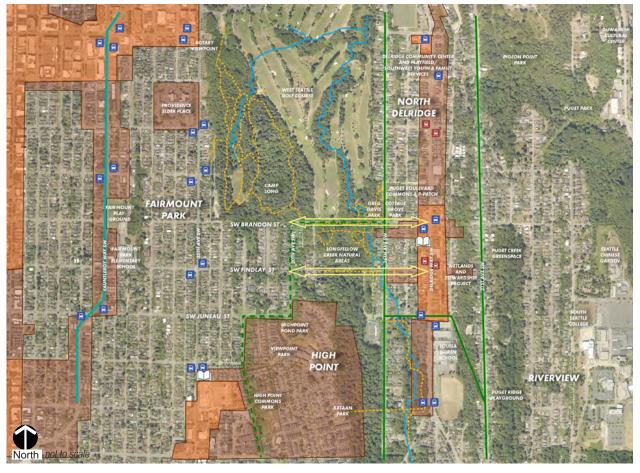
SITE CONTEXT

The project area is located in the Delridge neighborhood of West Seattle. SW Brandon Street and SW Findlay Street, between 30th Ave SW and 26th Ave SW were examined to improve mobility in the east-west direction. The neighborhoods of High Point and Fairmount Park are to the west and Delridge to the east. Longfellow Creek flows south to north and bisects the project area. The dense vegetation surrounding the creek forms the Longfellow Creek Natural Areas with a network of existing trails. The West Seattle Golf Course and Camp Long are to the north, both of which are owned by Seattle Parks & Recreation. In addition to the natural areas, steep topography makes walking or bicyling these routes difficult.



North not to scale

NEIGHBORHOODS CONTEXT MAP



LEGEND:

- Mixed Use/Commercial
- High Density Housing
- Library
- 🚊 🛛 Bus Stop
- 😥 Future Rapid Ride H-Line Bus Stop
 - Long Fellow Creek and Tributaries
- - Existing Trails
- Neighborhood Green Way
- Proposed Neighborhood Green Way
- Areas of Focus at Brandon and Findlay Streets

PROJECT ORIGINS

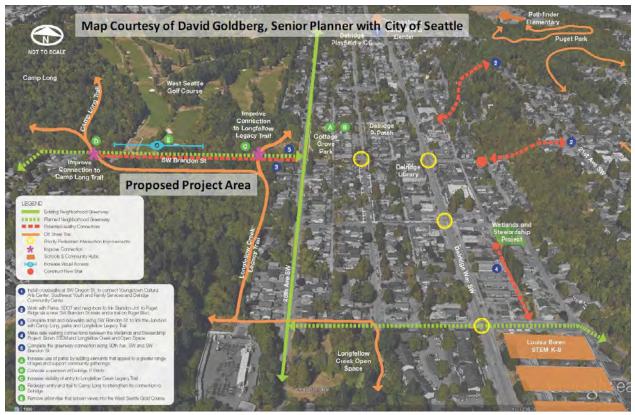
DELRIDGE ACTION PLAN

The Delridge Action Plan was the outcome of a collaboration between the Department of Neighbrohoods (DON) and hundreds of neighbors. The plan helped identify a vision for North Delridge, and prioritize steps that individuals, organizations and the City could take to make Delridge a healthy and livable neighborhood for all community members.

The Delridge Action Plan outlined six priority areas:

- Supporting Diverse & Engaged Communities
- Developing Dynamic Neighborhood Destinations
- Improving Access to Affordable, Healthy Food
- Creating Active Transportation Choices
- Nurturing a Healthy Longfellow Creek Watershed
- Leveraging Parks & Cultural Facilities to Support a Healthy Community

This project area was highlighted in a segement of the plan called, "Brandon Junction".

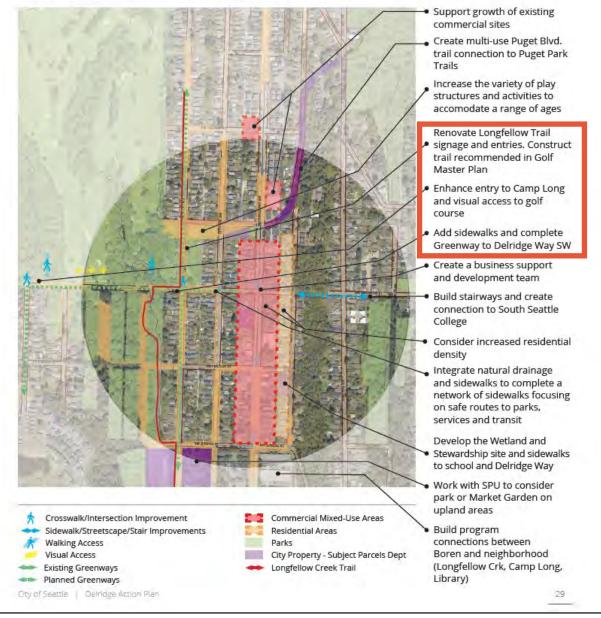


Source: Delridge Action Plan (pg. 54)

BRANDON JUNCTION KEY STRATEGIES

Community, Shops and Food Destination

- Create strong design identity with lighting trees, sidewalks and design guidelines, etc.
- Support Delridge Grocery, and OSE and HSD's continued work to increase affordable food access
- Create long-term seasonal affordable farmers market or stand
- Consider Market Garden element to augment P-Patch
- · Support growth of food businesses like restaurants, Commissary Kitchen and Integrate food trucks into events
- Prioritize and focus sidewalk and green stormwater improvements along streets such as Brandon, 26th, Juneau & Findlay to
 make better connections to community destinations transit, parks, etc.



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INVENTORY & ANALYSIS

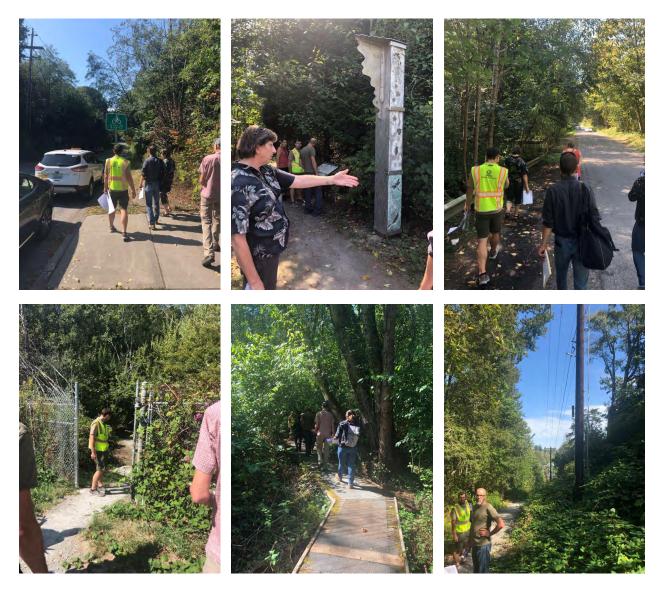


INVENTORY & ANALYSIS

A variety of on-site meetings with stakeholders and the public were held to inventory the existing conditions throughout the project area. The goal of these meetings were to conduct a detailed inventory of the existing features, and to analyze the conditions, suitability, and opportunities for improvement. The following is a summary of those meetings and process.

SITE WALK - September 6, 2019

Ed Pottharst (SPR) introduced the project and project context, including a previous attempt to secure a Neighborhood Street Fund grant, and current support from Council member Lisa Herbold's office. Aaron Luoma (HBB) reviewed the scope of the project and the plan for the site walk. The site walk began at 26th Ave SW & SW Brandon Street, and proceeded counterclockwise through the project area. Observations and opportunities by project area can be reviewed in the Appendices document. Prior to the project starting SPR provided comments, those comments and responses can be found in the Appendices document.



FOCUS AREAS

The graphic below identifies the project's areas of focus. These areas were identified early on during the initial project scoping, and in coordination with SPR staff during the initial Site Walk.



SITE INVENTORY

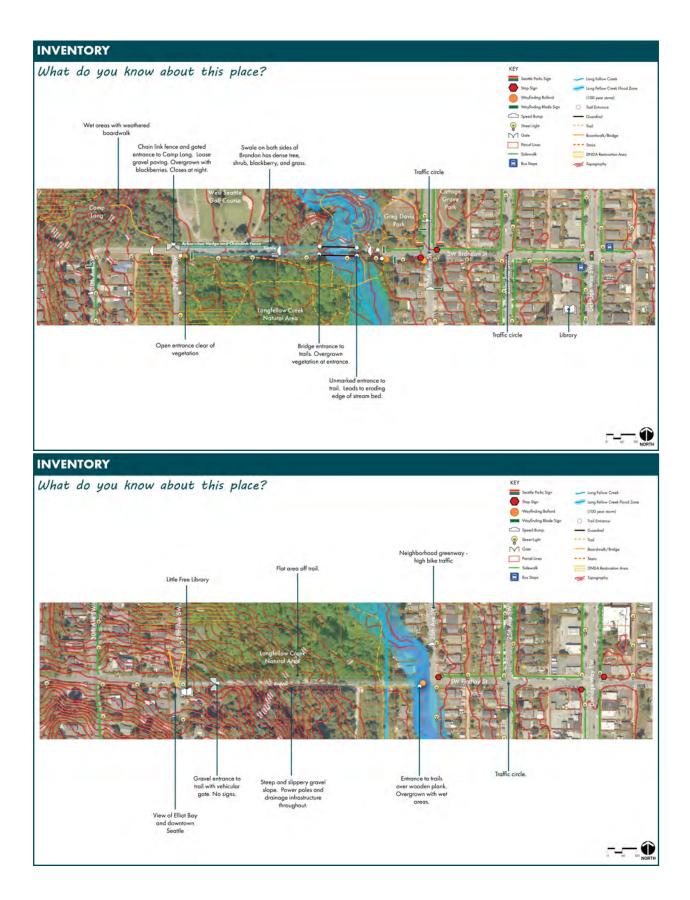
The graphics on the next page were developed as part of the detailed inventory of the existing conditions within the focus areas. These were developed for the first ProView meeting and Community Meeting. Inventory was split between the two primary corridors of SW Brandon and SW Findlay. Larger versions of these graphics can be found in the Appendices document. Features identified include:

- Trails
- Trail entries
- Sidewalks
- Street lights
 - Speed bumpsGuardrails

Stairs

- Existing & future bus stops
- Topography
- Traffic signs
- Fencing & gates
- Wayfinding sign posts
- Longfellow Creek & flood zone
- Delridge library

- Views
- Neighborhood Greenways
- Traffic circles
- SPR park signs

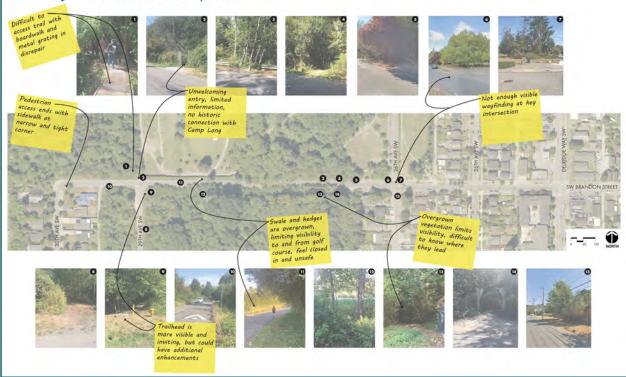


PHOTOGRAPHS AND STREET ANALYSIS

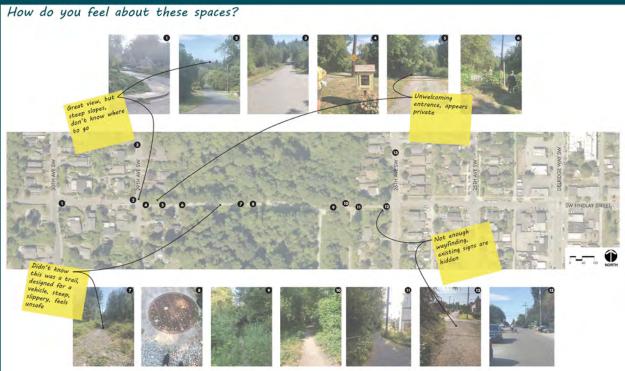
To provide a clear understanding of the existing conditions, site photographs were provided to SPR ProView and the public for those who were not familar with the existing conditions, or could not travel in-person to the first Communty Meeting. Larger versions of the graphics, displayed on the next page, can be found in the Appendices document. In addition to the photographs, small observations were made from the first Site Walk with SPR to encourage additional thoughts from ProView and the broader community.

SW BRANDON STREET ANALYSIS

How do you feel about these spaces?



SW FINDLAY STREET ANALYSIS



PROVIEW MEETING #1 - November 5, 2019

A few of the items discussed in this meeting included:

- Consider CPTED in design criteria
- Address the public's complaints about existing access to Camp Long
- Enhance Camp Long connection signage
- Identify right-of-way lines, joint use agreement may be needed if proposed trail locations are in the right-of way
- Replace boardwalk with more sustainable structure
- A good schematic plan needs to be developed

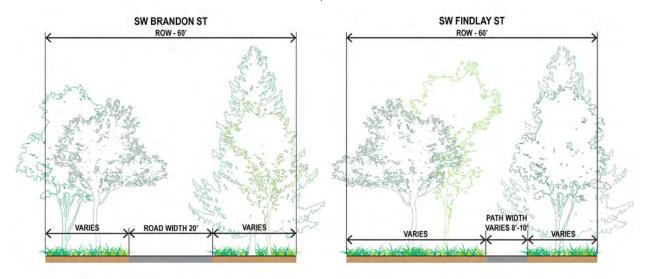
A full list of the comments and responses can be found in the Appendices document.





RIGHT-OF-WAY

The existing rights-of-way of both SW Brandon and SW Findlay are both 60' wide, but vary in terms of existing conditions as shown in the graphics below.



SW Brandon is entirely paved, but with very few sidewalks. The roadway crosses Longfellow Creek that runs through a culvert. Vehicular guardrail barriers span both sides of the creek crossing. The majority of the edges of the roadway are either loose gravel or grasslined ditches. The property ownership and jurisdicational authority betwen SDOT and SPR is complicated along SW Brandon. Detailed accounts of this can be found in the Appendices document.



SW Findlay is an unimproved SDOT right-of-way, that is primarily used as a SCL transmission corridor for above and below ground utility infrastructure. The corridor is steep in places with crushed gravel pathway. Access is controlled by a gate at the top of the hill at 30th Ave SW. The gravel corridor turns south before crossing Longfellow Creek towards SCL's existing substation at SW Juneau Street.

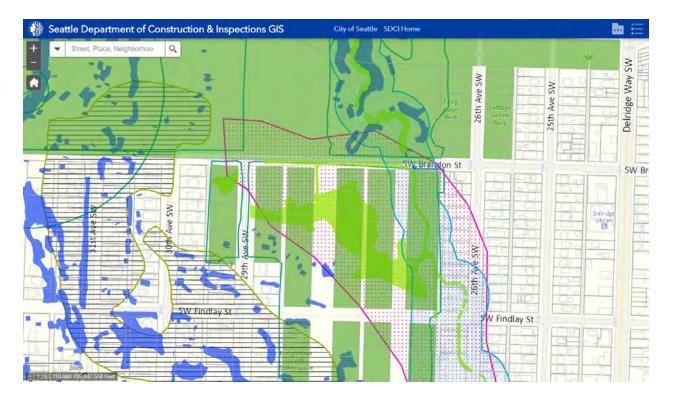
WETLAND (ECA4)



ENVIRONMENTALLY CRITICAL AREAS (ECAs)

In the City of Seattle, ordinance (SMC Chapter 25.09) regulates development within environmentally critical areas (ECAs). According to Seattle Department of Construction & Inspections GIS, this project contains the following ECAs:

- ECA1: Steep Slope (40% average)
- ECA2: Potential Slide Area
- ECA3: Riparian Corridor
- ECA4: Wetland
- ECA5: Liquefaction Prone Areas
 - ECA9: Wildlife Habitat



SITE SLOPE DATA

In order to evaluate the accesibility of the existing streets, an inventory of the existing slopes of the streets and ROWs was prepared. This helped determine accesibility challenges and opportunities.



COMMUNITY MEETING # 1 - DECEMBER 7, 2019

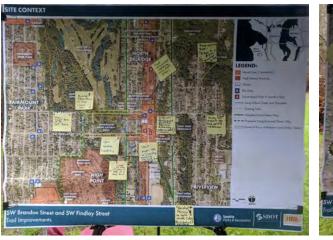
Members of the community were invited to a walk through the project site to provide feedback and ideas about improvements that could be made on pedestrian connections. Emails, social media, on-site signs, and flyers were mailed out to the community. Approximately 30 people attended the meeting in which some went on site tours of the entire project site, and then provided comments on comment cards and on sticky notes to boards. Copies of all community input recieved during the meeting and by email can be found in the Appendices document.

A brief summary of public feedback includes:

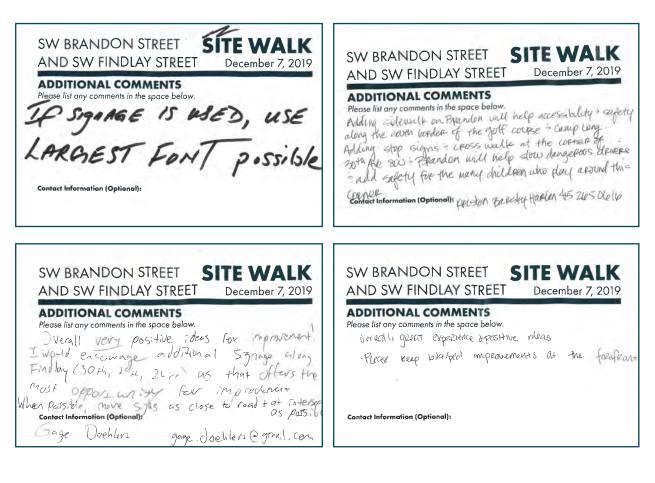
- Make trail entries more inviting
- Improve signage
- Improve pedestrian infrastructure along SW Brandon St
- Remove or trim vegetation that block sight lines and obscure trail entries



SAMPLE COMMENTS FROM COMMUNITY MEETING







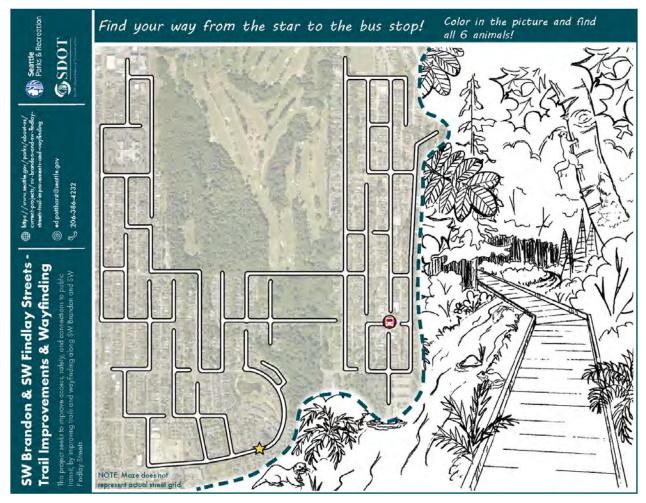
NEIGHBORHOOD HOUSE EVENTS - DECEMBER 2019

In support of events occuring at Hight Point's Neighborhood House, kids activity sheets were developed to engage the community, along with supporting posters and materials from the Community Meeting #1. One of these events was a "Your Voice Your Choice" event by DON, this feedback included:

- No access to Camp Long families have to walk 3/4 miles, creating an entry point would provide a walkable access.
- More kids will go to park
- Improve health be families
- Welcoming and inviting space
- All people will benefit



KIDS ACTIVITY SHEET AND PROJECT FLYER



MEETING WITH SPU - January 7, 2020

This meeting was held with SPU staff as they are a significant stakeholder in the management of Longfellow Creek that bisects the project site.

Attendees:

- Aaron Luoma (HBB)
- Ed Pottharst (SPR)
- Betsy Lyon (SPU)
- Katherine Lynch (SPU)

Discussion Topics:

- Betsy & Katherine provided an overview of the SPU project for providing additional flood storage for Longfellow Creek. The analysis performed to date by SPU has identified the area between the existing Seattle City Light substation at SW Juneau St north to SW Brandon Street for additional flood storage.
- A part of this project will examine the feasibility and design of rerouting the main channel of Longfellow Creek to the west where there is more public land for natural flooding and meandering of the creek.
- SPU is several months away from securing a consultant to begin the analysis, feasibility study, and design. This will likely be after the SPR planning project is completed.
- HBB/SPR will provide schematic designs for enhancing the wet area crossing along SW Findlay Street as it will be within the future SPU project area. The design will seek to minimize impervious surfaces, impacts to sensitive areas, and be easily relocated in the future (if needed).
- Vegetation management will be included for SPR scope areas to increase visibility of the wet area crossing, Findlay ROW, and existing trails.
- SPR identified one portion of trail that runs north-south from Brandon to an existing bridge the follows the east side of the creek. This portion of trail is near an eroding creek bank, and could be abandoned as it duplicates pedestrian pathways, and utilized for flood storage or creek enhancements.



Site photos of Longfellow Creek - March 5, 2020

MEETING WITH SDOT - January 16, 2020

This meeting, held at the Seattle Municipal Tower, discussed the project as whole, but in particular how SDOT would be involved in future coordination of proposed imporvements along SW Brandon and several of the key intersections within ROW managed by SDOT. Attendees included Greg Funk, CJ Holt, and David Burgesser of SDOT, as well as Ed Pottharst (SPR) and Aaron Luoma (HBB). A brief summary of this meeting includes the following:

- Slowing down traffic at this intersection or elsewhere is a Traffic Operations item to discuss with SDOT. SPR will reach out to Traffic Operations to discuss further.
- It is acceptable to document and recommend changing locations and/or content of the standard SDOT blade signs and SPR wayfinding sign posts.
- Pedestrian path could be a new curb, gutter and sidewalk, but this would require additional costs and drainage analysis.
- Crosswalk at trail crossings at Brandon is not merited or allowed in this condition. Additional signs or other means of identifying this crossing will need to be considered.
- SDOT needs to know from SCL, and possibly SPU of vehicular access requirements before other input and recommendations are provided.
- Adding additional impervious surfaces on Findlay would also trigger permitting requirements and drainage improvements.

A full summary of the meeting can be found in the Appendices document of this document.





Site photos of SW Brandon Street - March 5, 2020

MEETING WITH SEATTLE CITY LIGHT - March 3, 2020

This meeting, held at the Seattle Municipal Tower, was organized to discuss SW Findlay Street ROW and the SCL Access Road. Attendees included Amberlynn Pauley of SCL, Ed Pottharst (SPR) and Aaron Luoma (HBB). A brief summary of this meeting includes the following:

- The Findlay ROW and access road to the existing substation to the south is used periodically by SCL as follows:
 - Approximately 2 times a year for line access general maintenance.
 - Approximately 2 times a year for vegetation management, dependent on storms and debris.
- Vehicles require access to be approximately 13 feet wide.
- Removing the vehicular entry swing gate at the west end of Findlay to include removable bollards, wayfinding and other improvements to make the entry more inviting and welcoming would be acceptable by SCL.
- SCL would not object to additional pedestrian lights along Findlay or Brandon ROW, pending budget. SCL currently does not have any additional resources to provide towards capital improvements of this type and is currently focused on a back log of pole replacement.

A full summary of the meeting can be found in the Appendices document of this document.



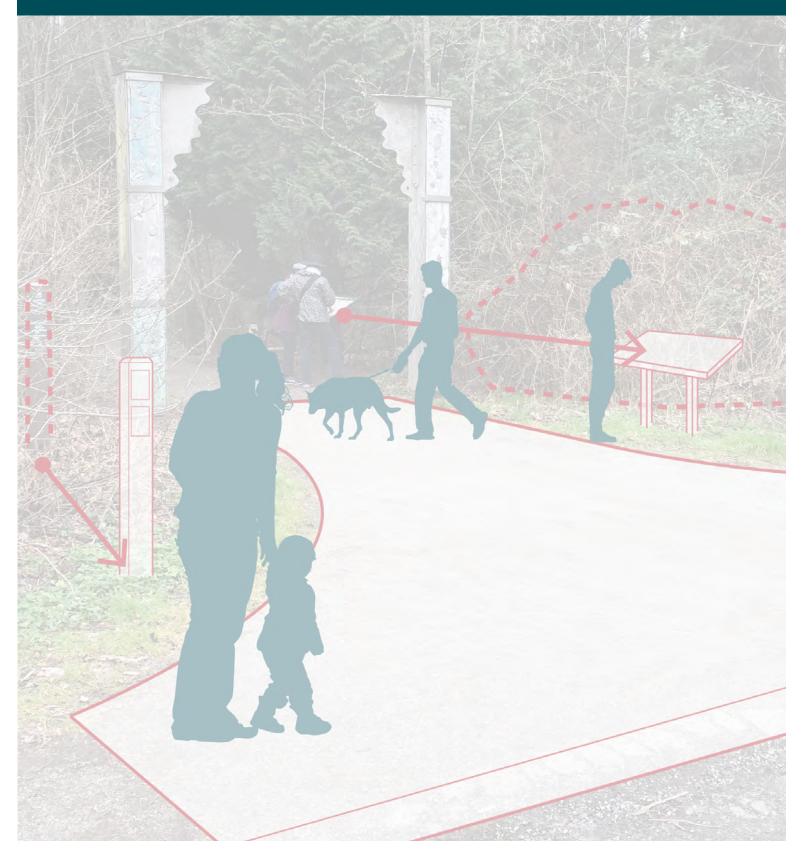


Site photos of SW Findlay Street and Trail - March 5, 2020

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SCHEMATIC DESIGN



SCHEMATIC DESIGN

The project site was divided into smaller focus areas to illustrate the schematic design improvements based upon the inventory and analaysis, and all community and stakeholder engagement.



- A. SW Brandon St .and 26th Ave. SW
- B. Entries, accessibility, safety, and vegetation management along SW Brandon St.
- C. Entry and Boardwalk at Camp Long
- D. 30th Ave. SW and SW Findlay St.

- E. 29th Ave. SW and SW Findlay St.
- F. Entries, accessibility, safety, and vegetation management along SW Findlay St.
- G. Wet area along SW Findlay St.
- H. 26th Ave. SW and SW Findlay St.

FOCUS AREA A

SW Brandon St .and 26th Ave. SW



FOCUS AREA B

Entries, accessibility, safety, and vegetation management along SW Brandon St.

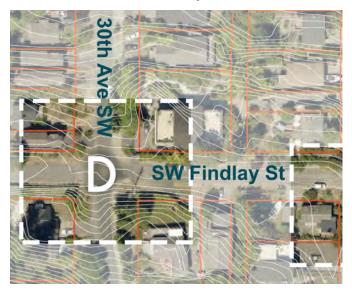


FOCUS AREA C Entry and Boardwalk at Camp Long



FOCUS AREA D

30th Ave. SW and SW Findlay St.

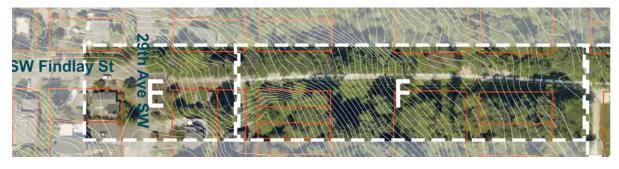


FOCUS AREA E

29th Ave. SW and SW Findlay St.



Entries, accessibility, safety, and vegetation management along SW Findlay St.

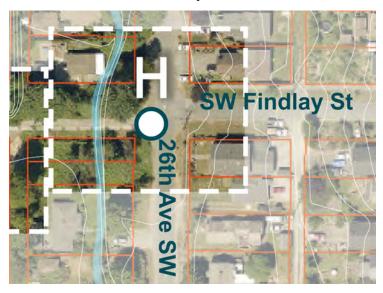


FOCUS AREA G

Wet area along SW Findlay St.



FOCUS AREA H 26th Ave. SW and SW Findlay St.



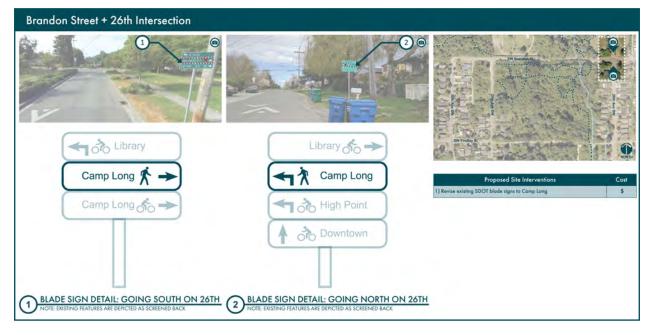
SCHEMATIC DESIGN

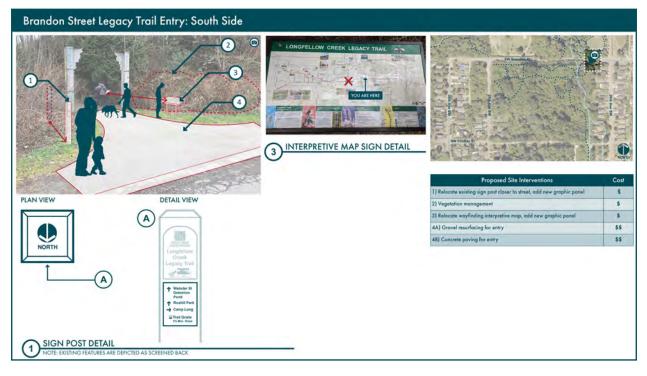
The following graphics represent the schematic design for each area of focus. Key maps, visualizations, detailed drawings, and relative cost information was provided for each. These were presented to SPR's ProView #2 meeting, and subsequently edited for minor items for online community engagement. Fullsize versions of these graphics can be found in the Appendices document.

Total costs for proprosed items were not shared with the public. Instead, dollar sign symbols were used to distinguish which items costed more than others. The chart below summarizes how costs were weighted for each proposed site intervention. A summary of the total costs can be reviewed in the Cost Estimate chapter (page 62). A list of items and their associated costs for each focus area can be found in the Appendices document.

Cost Guide For Schematic Designs		
\$0- \$4,000	\$	
\$4,000-\$10,000	\$\$	
\$10,000-\$20,000	\$\$\$	
\$20,000-\$40,000	\$\$\$\$	
\$50,000+	\$\$\$\$	





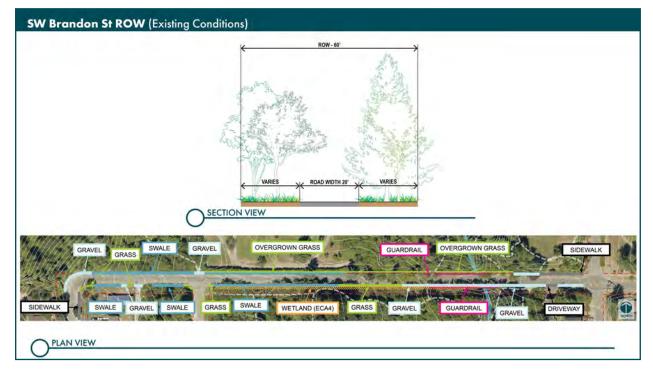


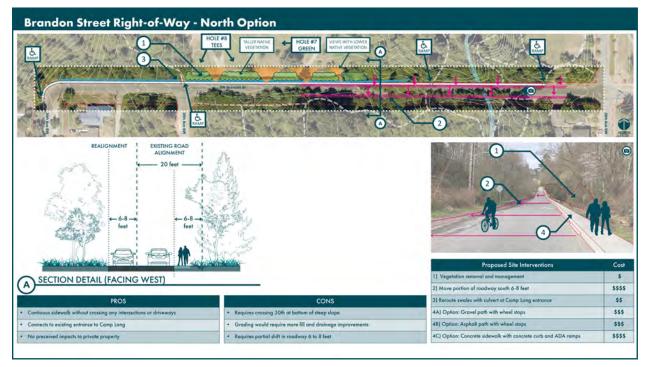
Brandon Street Legacy Trail Entry: North Side 4 2 1 Cost \$ \$ 21 8. ise existing SDOT wayfinding blade sign to Camp Long \$\$ 3) Extend sid 00 4) Gateway feature \$\$\$ anna gunnillinning Ó to High P To Camp L 3 SIDEWALK PLAN VIEW AS SCREENED BACK

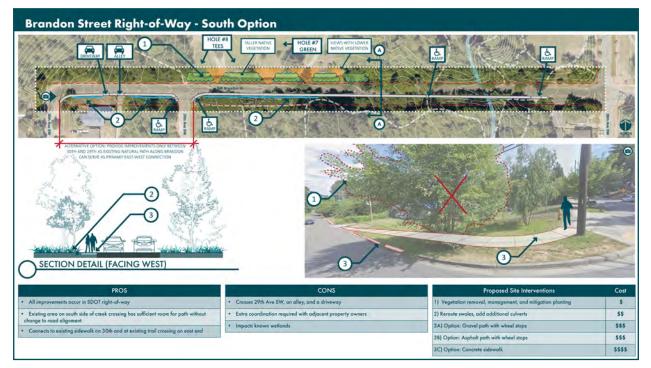


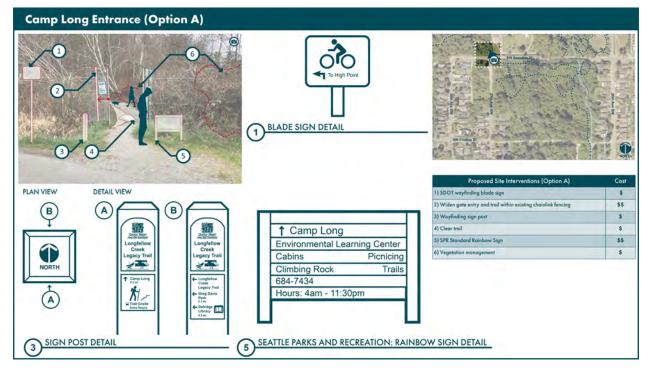


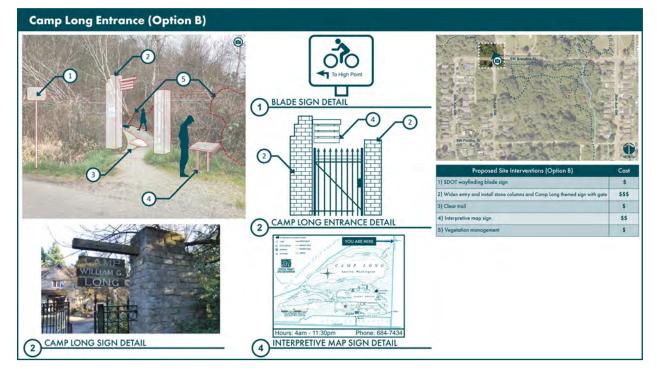


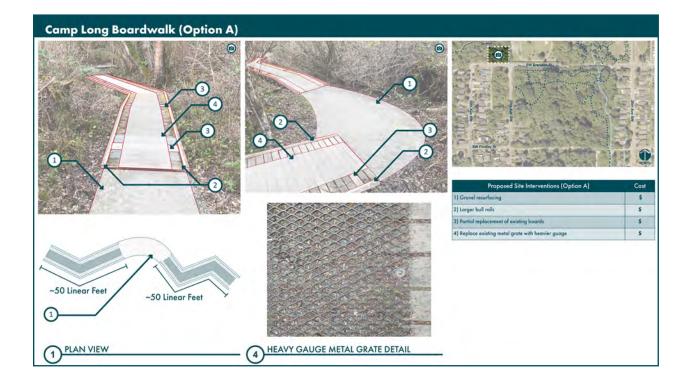








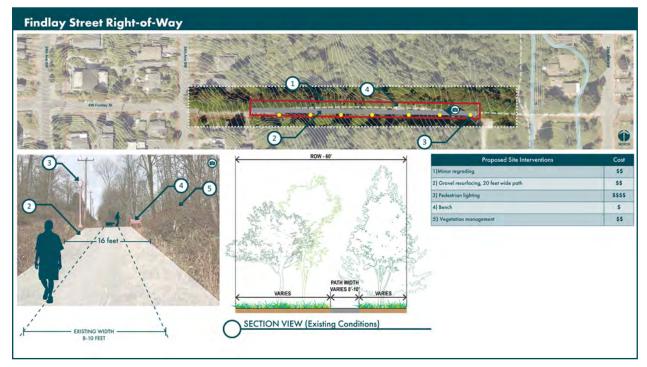


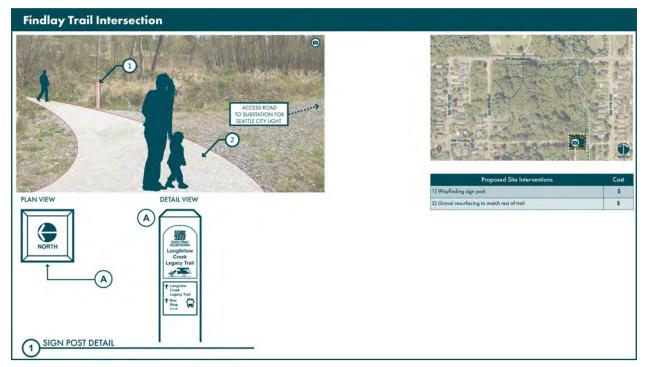


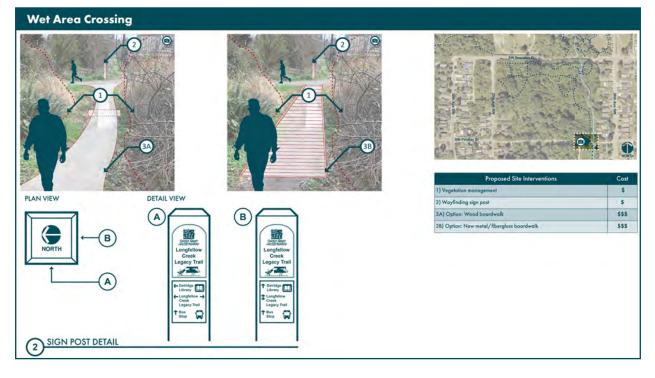




Trail Entry at Findlay Street and 29th Ave 5 4 3 'Dead End' s \$ PLAN VIEW DETAIL VIEW 2) Gr vel resurfacing \$ (A) \$\$ and provide NORTH \$ 4) Vegetation manage \$ (A)KI. 5 SIGN POST DETAIL









PROVIEW MEETING #2 - May 26, 2020

A few of the items discusses in this meeting included:

- Consider: Install a walkway over the wet area (where there is currently just a plank) or install something more significant that a boardwalk. Consider:
- For lighting along SW Findlay Street, work with SCL to mount pedestrian lights on existing power poles to save cost and make it more feasible.

A full list of the proview comments and HBB's responses can be found in the Appendices document.

OUTREACH MATERIALS



2. For the Brandon Street Right-of-Way, which side of the side would you like a sidewalk/path on – either the north side of the side? (See Key Map above)

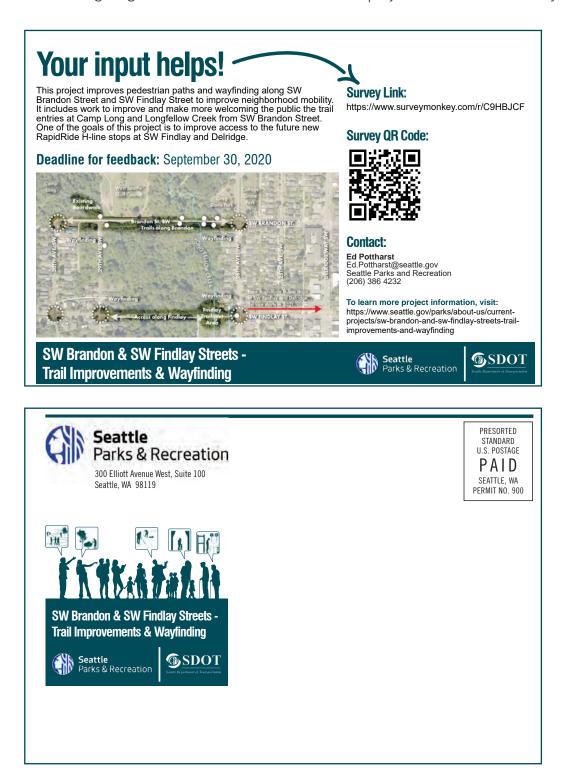
South Option

Ŭ:

FLYERS

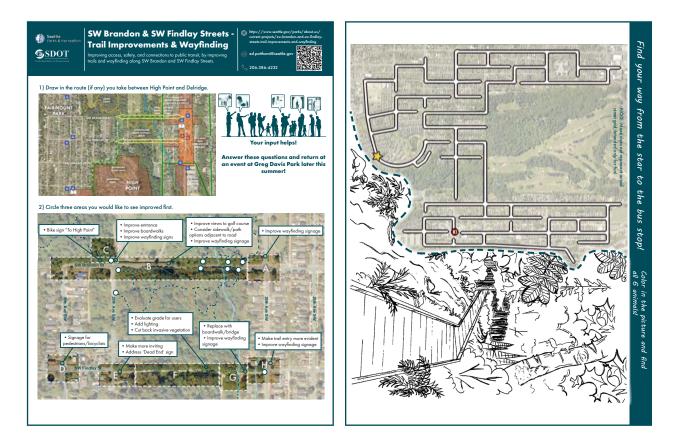
POSTARD

In order to increase community awareness and participation, this postcard was sent out to surrounding neighbrohoods with information on the project and the online survey.



HIGH POINT COMMUNITY HANDOUT

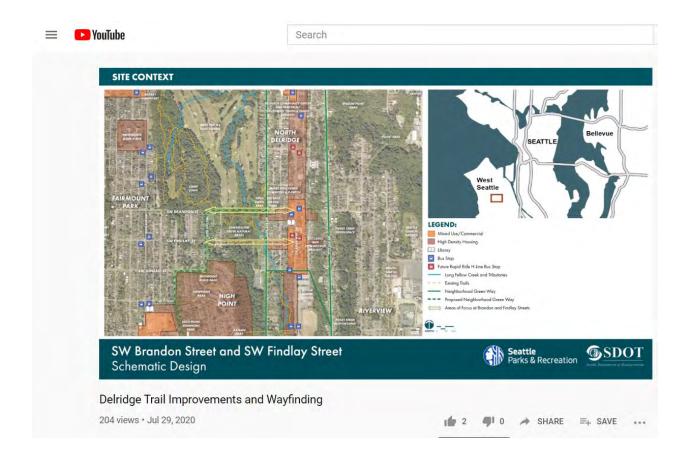
A flyer was also prepared to provide to residents of High Point during regularly scheduled welfare check-ins. Over 100 boxes of crayons were included with the flyers. The content included links to the online survey, information about the project, and kids activities.



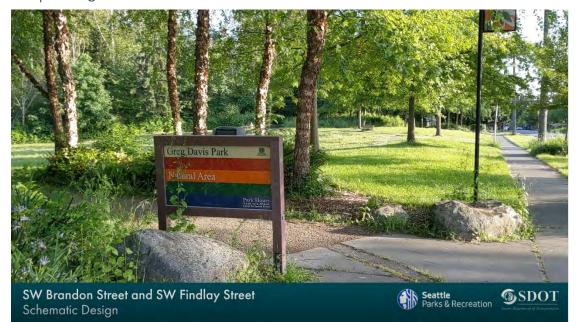
ONLINE OUTREACH

SITE WALKTHROUGH VIDEO

With community events on site no longer being feasible, this video provided a in depth virtual tour of the site and the focus areas. The schematic design images were inserted into the video for each area. The video was published to SPR's YouTube channel, with a link provided in project announcements and online survey.



Sample images from the video:





ONLINE SURVEY

A survey was designed and distributed to the public via Survey Monkey. The survey began with a description of the project goals and the existing conditions. Slides from the schematic design process were then shared before concluding with four questions.

SURVEY QUESTIONS

The four questions from the survey are listed below. The complete survey with supporting images can be viewed in the Appendices document.

- 1. Based on these proposed improvements, please rank these areas in the order of importance. Highest importance (1) to lowest importance (8). (See Key Map below)
 - Brandon Street + 26th Intersection (Area A)
 - Brandon Street Right-of-Way Corridor (Area B)
 - Camp Long Entrance and Boardwalk (Area C)
 - Findlay Street and 30th Avenue (Area D)
 - Trail Entry at Findlay Street and 29th Avenue (Area E)
 - Findlay Street Right-of-Way Corridor (Area F)
 - Findlay Trail Intersection and Wet Area Crossing (Area G)
 - Trail Entry at Findlay Street and 26th Avenue Intersection (Area H)
- 2. For the Brandon Street Right-of-Way, which side of the street would you like a sidewalk/path on either the north side or the south side? (See Key Map above)
 - North Option
 - South Option
 - Other Please Specify
- 3. Which changes would you like to see at Camp Long entrance (Area C)? Please select all that apply.
 - Wider gate and trail at entry (Option A Improvement 2)
 - Seattle Parks and Recreation: Sign Post (Option A Improvement 3)
 - Seattle Parks and Recreation: Rainbow Sign (Option A Improvement 5)
 - New Camp Long Entrance Gate (Option B Improvement 2)
 - Interpretive Map Sign (Option B Improvement 4)

4. Where do you live?

- High Point
- Delridge
- Greater West Seattle
- Other Please Specify

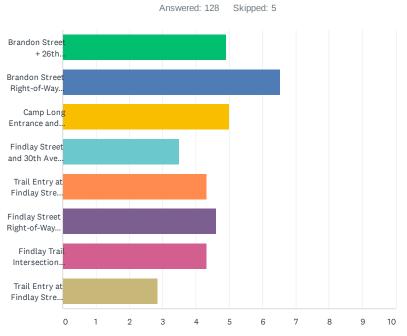
Sample screen shots from online survey:



SURVEY RESULTS

Over 133 people responded to the online survey, providing valuable feedback for the schematic designs and possible future projects and construction. The results can be viewed below and on the following pages.

Q1 Based on these proposed improvements, please rank these areas in the order of importance. Highest importance (1) to lowest importance (8). (See Key Map on the next page)



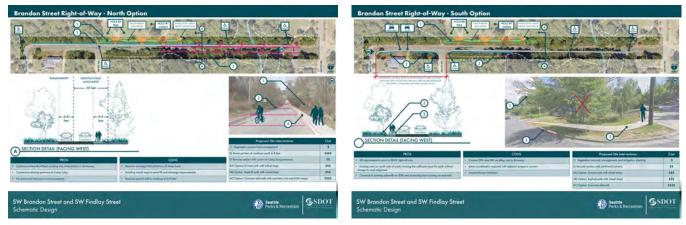
SW Brandon & SW Findlay Streets - Trail Improvements & Wayfinding Survey

	1	2	3	4	5	6	7	8	TOTAL	SCORE
Brandon Street + 26th Intersection (Area A)	15.75% 20	18.90% 24	11.81% 15	10.24% 13	10.24% 13	11.81% 15	12.60% 16	8.66% 11	127	4.91
Brandon Street Right-of- Way Corridor (Area B)	49.61% 63	17.32% 22	11.02% 14	5.51% 7	2.36% 3	6.30% 8	4.72% 6	3.15% 4	127	6.53
Camp Long Entrance and Boardwalk (Area C)	11.02% 14	18.11% 23	21.26% 27	11.02% 14	13.39% 17	7.87% 10	8.66% 11	8.66% 11	127	5.01
Findlay Street and 30th Avenue (Area D)	2.40% 3	8.00% 10	9.60% 12	16.00% 20	12.00% 15	12.00% 15	12.00% 15	28.00% 35	125	3.49
Trail Entry at Findlay Street and 29th Avenue (Area E)	4.80% 6	7.20% 9	12.00% 15	17.60% 22	24.80% 31	23.20% 29	6.40% 8	4.00% 5	125	4.34
Findlay Street Right-of- Way Corridor (Area F)	6.35% 8	19.05% 24	14.29% 18	12.70% 16	8.73% 11	20.63% 26	12.70% 16	5.56% 7	126	4.61
Findlay Trail Intersection and Wet Area Crossing (Area G)	8.73% 11	9.52% 12	15.08% 19	15.87% 20	12.70% 16	6.35% 8	25.40% 32	6.35% 8	126	4.33
Trail Entry at Findlay Street and 26th Avenue Intersection (Area H)	2.40% 3	2.40% 3	4.80% 6	11.20% 14	15.20% 19	11.20% 14	16.80% 21	36.00% 45	125	2.85

KEY MAP

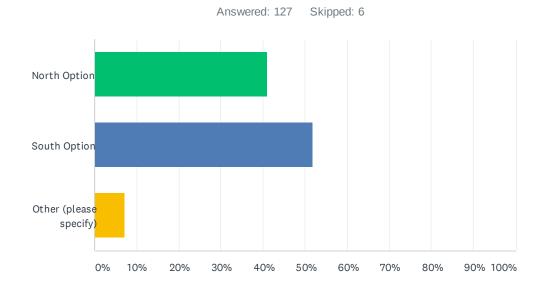


BRANDON STREET ROW OPTIONS



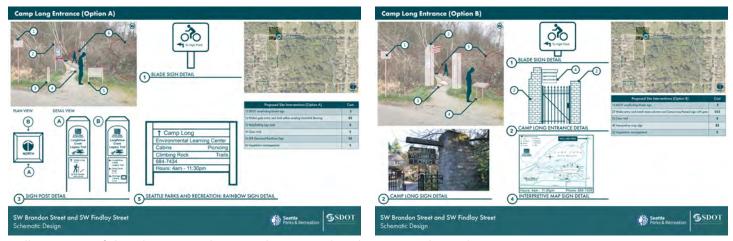
Full versions of the graphics on this page can be viewed in the Appendices document.

Q2 For the Brandon Street Right-of-Way, which side of the street would you like a sidewalk/path on – either the north side or the south side? (See Key Map on the previous page)



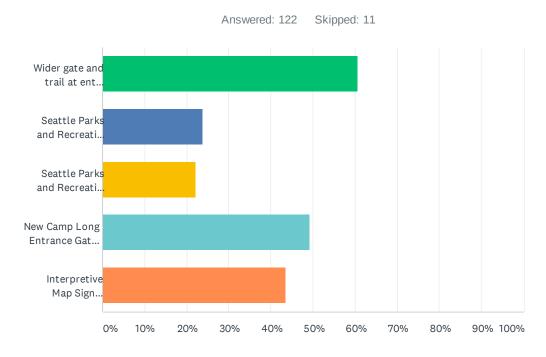
ANSWER CHOICES	RESPONSES	
North Option	40.94%	52
South Option	51.97%	66
Other (please specify)	7.09%	9
TOTAL		127

#	OTHER (PLEASE SPECIFY)	DATE
1	Wherever you put the sidewalk, prohibit parking next to it; parking along Brandon at 26th is an interference.	9/30/2020 10:58 AM
2	Not needed. Wasteful	9/29/2020 10:33 AM
3	Neither	9/29/2020 7:07 AM
4	rather have sidewalks down 26th Ave SW south of brandon	9/23/2020 7:42 PM
5	Maintain existing trail on south side of street?	9/23/2020 6:05 PM
6	Least cost and safest lighting.	9/23/2020 9:11 AM
7	None - focus on Findlay, which will become the primary corridor.	9/23/2020 12:07 AM
8	both - or the one would have to be super wide for peds and cyclists	9/22/2020 6:28 PM
9	whichever is more feasible, safe and able to be lighted.	9/22/2020 10:47 AM



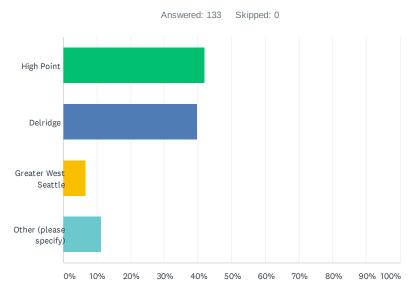
Full versions of the above graphics can be viewed in the Appendices document.

Q3 Which changes would you like to see at Camp Long entrance (Area C)? Please select all that apply.



ANSWER CHOICES	RESPONSES	
Wider gate and trail at entry (Option A - Improvement 2)	60.66%	74
Seattle Parks and Recreation: Sign Post (Option A - Improvement 3)	23.77%	29
Seattle Parks and Recreation: Rainbow Sign (Option A - Improvement 5)	22.13%	27
New Camp Long Entrance Gate (Option B - Improvement 2)	49.18%	60
Interpretive Map Sign (Option B - Improvement 4)	43.44%	53
Total Respondents: 122		

Q4 Where do you live?

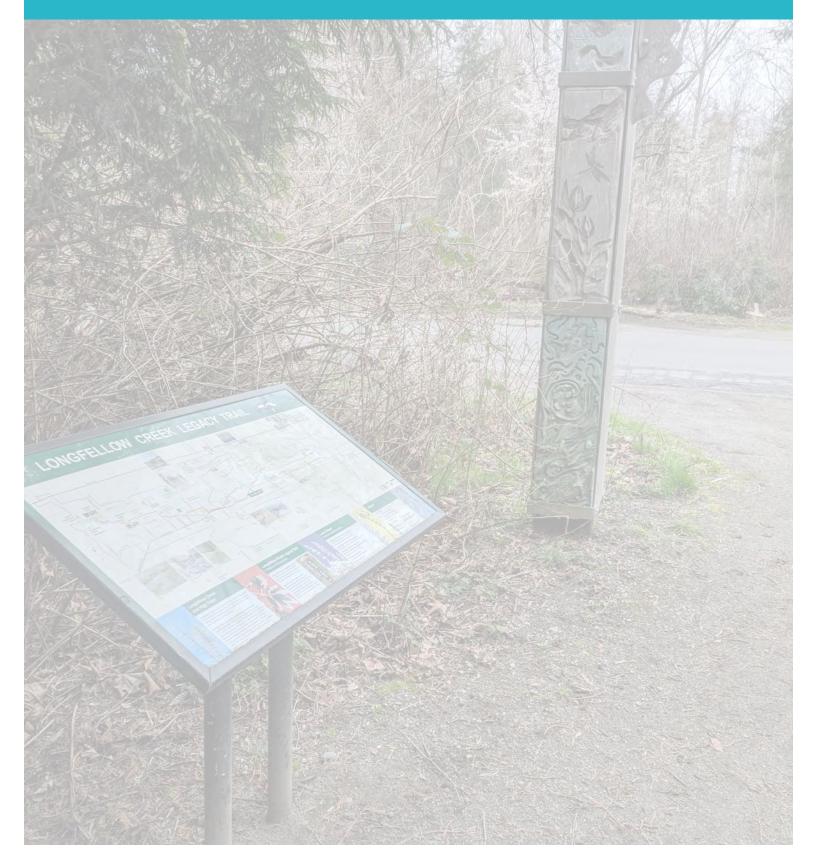


ANSWER CHOICES	RESPONSES	
High Point	42.11%	56
Delridge	39.85%	53
Greater West Seattle	6.77%	9
Other (please specify)	11.28%	15
TOTAL		133

SW Brandon & SW Findlay Streets - Trail Improvements & Wayfinding Survey

#	OTHER (PLEASE SPECIFY)	DATE
1	Near Section E	10/2/2020 3:59 PM
2	Use any of these funds to fix the bridge.	9/29/2020 7:07 AM
3	Fairmount	9/29/2020 6:23 AM
4	Fairmount	9/27/2020 11:05 AM
5	Across the street from Camp Long on 35th	9/23/2020 3:59 PM
6	34th and Findlay	9/23/2020 10:01 AM
7	Gatewood	9/22/2020 9:14 PM
8	29th and Findley	9/19/2020 10:46 PM
9	5600 block of 31St Ave. One block over from 30th.	9/16/2020 6:33 AM
10	Brandon and 30th	9/16/2020 12:45 AM
11	West of 35th from HighPoint	9/15/2020 8:15 PM
12	Puget Ridge	9/3/2020 3:57 PM
13	USE IMAGES AND OTHER LANGUAGES FOR WAYFINDING SIGNAGE	9/1/2020 4:32 PM
14	live in Central District, work in Delridge	8/18/2020 1:47 PM
15	Live in Burien, work in Delridge and at High Point	8/12/2020 6:31 PM

COST ESTIMATE



COST ESTIMATE

A cost estimate was was provided for each of the focus areas. Some focus areas include alternative costs based on different design options. A list of items and their associated costs for each focus area can be found in the Appendices document.

Estimate of Probable Cost of Construction

HBB Landscape Architecture

		Date:	January 7, 2021
Project Name:	Brandon Street Trail Planning		
Project Number:	2019-24		
Project Phase:	Schematic Design		
Prepared By:	P. Maginnity		
Checked By:	A. Luoma		

Schematic Design

Area #	# Area Description		truction Cost Amount	Othe	r Costs (62%)*	Total Project Cost	
Area A	Brandon & 26th Intersection	\$	2,400	\$	1,488	\$	3,888
Area B1a	Brandon Legacy Trail Entry - South Side	\$	9,120	\$	5,654	\$	14,774
Area B1b	Brandon Legacy Trail Entry - South Side	\$	11,100	\$	6,882	\$	17,982
Area B2	Brandon Legacy Trail Entry - North Side	\$	21,000	\$	13,020	\$	34,020
Area B3	Brandon Secondary Trail North & South Side (AREA REMOVED PER SPR REQUEST)	\$	-	\$	-	\$	-
Area B4	Brandon Secondary Trail North & South Side	\$	9,420	\$	5,840	\$	15,260
Area B5	Brandon & 29th Intersection	\$	420	\$	260	\$	680
Area B6a	Brandon Right-of-Way - North Option	\$	241,200	\$	149,544	\$	390,744
Area B6b	Brandon Right-of-Way - South Option	\$	231,200	\$	143,344	\$	374,544
Area C1a	Brandon Camp Long Entry - Option A	\$	18,780	\$	11,644	\$	30,424
Area C1b	Brandon Camp Long Entry - Option B	\$	36,180	\$	22,432	\$	58,612
Area C2a	Brandon Camp Long Boardwalk - Option A	\$	8,940	\$	5,543	\$	14,483
Area C2b	Brandon Camp Long Boardwalk - Option B	\$	47,520	\$	29,462	\$	76,982
Area D	Findlay & 30th Intersection	\$	2,520	\$	1,562	\$	4,082
Area E	Findlay & 29th Entry	\$	29,040	\$	18,005	\$	47,045
Area F	Findlay Right-of-Way	\$	131,100	\$	81,282	\$	212,382
Area G1	Findlay Trail Intersection	\$	9,960	\$	6,175	\$	16,135
Area G2	Findlay Wet Area Crossing	\$	13,080	\$	8,110	\$	21,190
Area H	Findlay & 26th Intersection	\$	17,460	\$	10,825	\$	28,285
	Estimated T	otal Cost: \$	562,440	\$	348,713	\$	911,153

*Other Costs (62% of Construction Cost Amount): Tax, Design, Project administration, Review, Permitting, and Construction Contingency

Assumptions:

1. Costs are in 2021 construction dollars.

2. Costs are itemized per project area, and does not account for efficiencies if multiple project areas were to be designed and constructed at the same time.

3. Long Fellow Creek improvements are not included.

4. Not all wayfinding improvements may be needed depending on priority of areas selected by community with input from SPR and SDOT.

5. All improvements are shown within public property owned by the City of Seattle, private property acquisition is not anticipated.

6. For the gravel, asphalt, and concrete path options listed in Area B6a and AreaB6b an average cost is shown on the summary sheet.

7. For the gravel and boardwalk options listed for Area G2 an average cost is shown on the summary sheet.

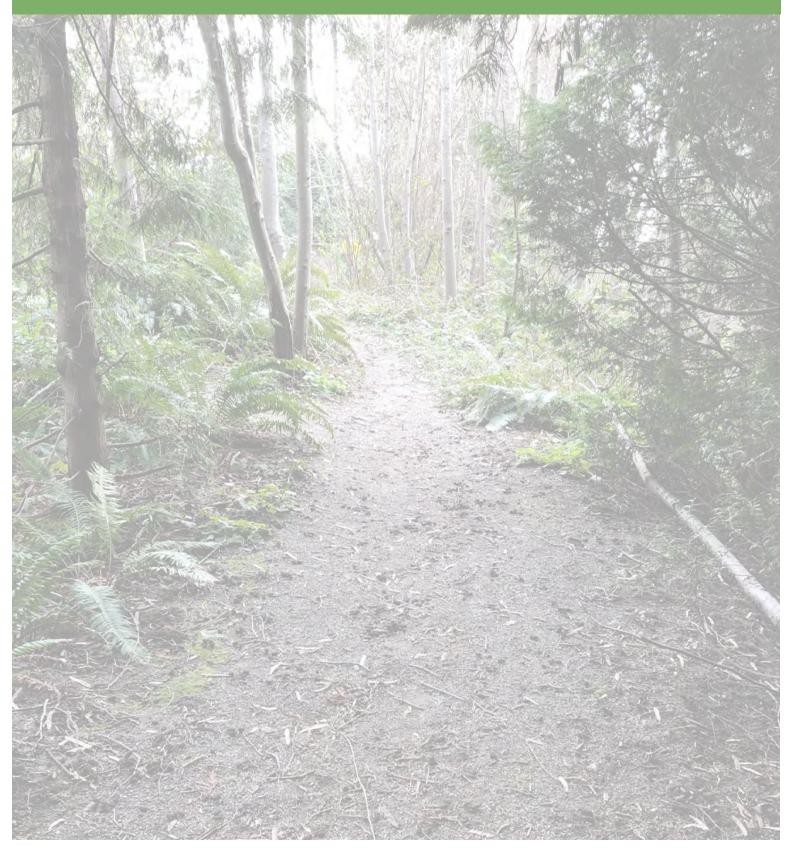
Alternative Design Options for Focus Area

= Lower Cost
= Higher Cost

Costs range per area from small to large amounts. Estimated total costs show highest possible cost and did not include lower cost options (gray colored rows).

Area B3, which focused on secondary trails along SW Brandon Street, was presented to SPR during ProView based on recommendations from SPU that the trails were contributing to the erosion near Longfellow Creek. This area was later removed, as SPR preferred the trail remain and erosion addressed separately, outside the scope of this project. Therefore, the costs associated with this area was removed from the total costs.





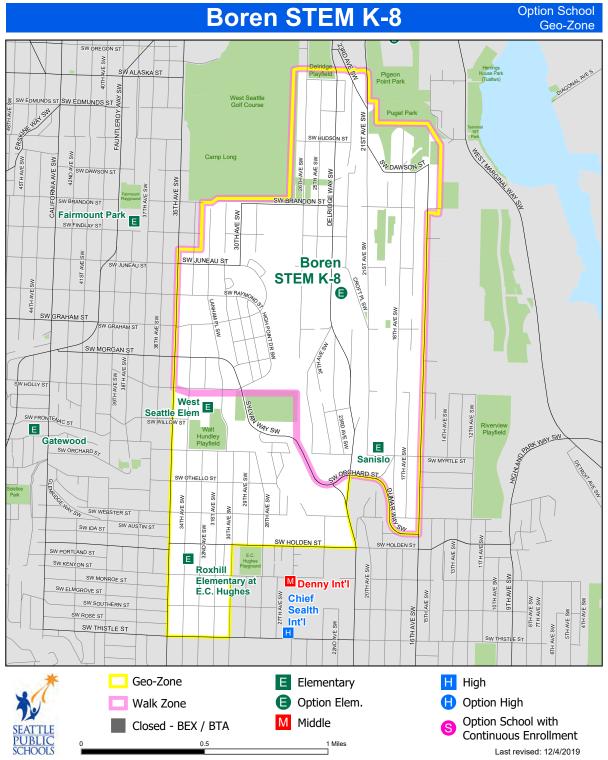
FUNDING SOURCES

SAFE ROUTES TO PARKS ACTIVATING COMMUNITIES PROGRAM

"The Safe Routes Partnership is a national nonprofit organization working to advance safe walking and rolling to and from schools and in everyday life, improving the health and wellbeing of people of all races, income levels, and abilities, and building healthy, thriving communities for everyone." - www.saferoutespartnership.org

Within this organization is the Safe Routes to Parks Activating Communities 2020 Program which works towards, "making it easier and safer to walk and bicycle, expanding access to parks, and more." They empahsize an importance of developing safe access to local parks for communities and award \$12,500 to begin implementation of those plans.





The names on this map are not intended to reflect the official name of any school building. They are instead intended to ensure better public understanding based upon familiar reference, particularly in situations where program and school building names differ. This information has been compiled by SPS staff from a variety of sources and is subject to change without notice. SPS makes no representations or warranties, expressed or implied as to accuracy, completeness, limeliness, or rights to the use of such information. SPS shall not be liable for any general, special, indirect, incidental, or consequential damages including, but not limited to, lost revenues or lost profits resulting from the use or misuse of the information contained on this map. Any sale of this map or information on this map is prohibited. MapFile: GZ_current

NEIGHBORHOOD MATCHING FUND (DON)

In 1988, the Neighborhood Matching Fund (NMF) was created to provide matching dollars for neighborhood improvement, organizing, or projects developed and implemented by community members. Central to NMF is the community match which requires awardees to match their award with contributions from the community whether as volunteer time, donated materials, donated professional services, or cash.

Since NMF's creation, more than 5,000 community projects throughout Seattle have received over \$64 million in funding and generated an additional \$72 million from community match.

To be eligible for funding, a project must:

- involve community members in creating and completing the project;
- create community improvements;
- be free and open to all members of the public;
- be feasible and ready to begin within 1-2 months from the award date;
- demonstrate community match;
- occur within the Seattle city limits;
- not have received NMF funding within the last two years. (applies only to events)

ADDITIONAL FUNDING SOURCES

- SPR Large Capital Improvement Projects
- SPR Small Works & Maintenance (thinking signs, existing trail improvements, etc.)
- Improvements provided through planned SPU projects
- SDOT projects that benefit traffic, safety, and mobility in ROW

PERMITTING RESOURCES

ENVIRONMENTALLY CRITICAL AREAS - SMALL PROJECT WAIVERS

In the City of Seattle, ordinance (SMC Chapter 25.09) regulates development within environmentally critical areas (ECAs). Accordingot to Seattle Department of Construction & Inspections GIS, this project contains the following ECAs (see page xxx):

- ECA1: Steep Slope (40% average)
- ECA2: Potential Slide Area
- ECA3: Riparian Corridor
- ECA4: Wetland
- ECA5: Liquefaction Prone Areas
- ECA9: Wildlife Habitat

In some cases SDCI may allow new accessory structures or additions to existing principal structures, fences, rockeries, or utility lines to intrude into an ECA or buffers if they qualify as a "small project waiver" under SMC subsections 25.09.090.D, 25.09.160.G and 25.09.200.A.4 for projects outside the Shoreline District.

A small project waiver allows limited disturbance of ECAs and ECA buffers to the extent indicated below.

The project should not exceed the following:

- Development of 150 square feet in riparian management areas or wetland buffers, which can be accomplished by avoiding development along the south side of the Brandon Street ROW.

- Development of 300 square feet in steep slope erosion hazard areas

A Seattle Department of Construction & Inspections document can be viewed in the Appendices section of this document.

ENVIRONMENTALLY CRITICAL AREAS - VEGETATION RESTORATION

Vegetation restoration projects in these areas can play a critical role in improving the health and function of these areas.

Allowed restoration:

- re-establishment of a native ecosystem in human impacted areas such as paved surfaces, lawns or landscaped areas

- replacing non-native, noxious and/or invasive spe-cies such as English ivy, Himalayan blackberry, or reed cannary grass, with native plantings

ENVIRONMENTALLY CRITICAL AREAS - STANDARD MITIGATION PLAN

This document is designed to help landowners or contractors meet the requirements for mitigation under the City of Seattle's Critical Areas Ordinance.

Under Regulations for Environmentally Critical Areas (Seattle Municipal Code Chapter 25.09), development within a designated critical area buffer requires mitigation in the form of native plantings in order to create a vegetated strip that will help protect these sensitive habitats.

The full documents by the Seattle Department of Construction & Inspections and the Seattle Department of Planning and Developments can be viewed in the Appendices section of this document.