

Worksites and Properties

County: King

Legislative Districts 2012: 11

Congressional Districts 2012: 09

Sections: 13

Township: T23NR04E

Coordinates: 47.47850446
-122.24035727

Worksite #1: Lake to Sound Trail

Coordinates from Mapped Point: **Latitude:** 47.47850446 **Longitude:** -122.24035727
Coordinates from Worksite **Latitude:** 47.476359 **Longitude:** -122.234250
Directions:

Worksite Description: The worksite is located in the cities of Renton and Tukwila between the Green River Trail and Naches Avenue SW, passing through the Black River Riparian Forest. This project will develop a 1.2 mile long, 12-foot-wide paved trail with 2-foot-wide gravel shoulders and also a 110-foot pedestrian bridge over the Black River.

Site Access Directions: From I-405N, take Exit 1 for W Valley Hwy/WA-181 S toward Tukwila. Use the middle lane to turn left onto WA-181 N/Interurban Ave S/W Valley Hwy. Turn right onto SW Grady Way. Turn left onto Oakesdale Ave SW. Turn right onto SW 7th St. Turn left onto Naches Ave SW. The worksite is at the end of the cul-de-sac.

Worksite Address:

Development Metrics (Outcomes, Benefits)

Category / Work Type / Metric	Application Answer	Work Type Costs
General Site Improvements		
Install fencing/barriers		
Total cost for Install fencing/barriers		\$91,130.00
Select the fencing types	Chain link fencing, Wood fencing	
Linear feet of fencing/barriers installed	4722	
Number in feet of fence height	3	
Select the barrier types	Bollards	
Install signs/kiosk		
Total cost for Install signs/kiosk		\$5,000.00
Enter the number of signs / kiosks - Directional / wayfinding signs	2	
Enter the number of signs / kiosks - Informational signs	2	
Enter the number of signs / kiosks - Interpretive signs	1	
Enter the number of signs / kiosks - Kiosks	0	
Enter the number of signs / kiosks - Other signs	0	
Enter the number of signs / kiosks - Permanent entrance signs	0	
Install site furnishings		
Total cost for Install site furnishings		\$14,000.00
Select the site furniture / amenities	Benches, Recycling/Trash receptacles	
Landscaping improvements		
Total cost for Landscaping improvements		\$122,675.00
Acres of landscaped area	2.20	
Select the landscape features	Native vegetation, Trees/shrubs	
Shoreline protection		
Total cost for Shoreline protection		\$28,240.00
Linear feet of shoreline protection	40	
Select the shoreline protection type	Rock armor, Sheet piles	
Site Preparation		
General site preparation		
Total cost for General site preparation		\$229,675.00
Acres of site preparation	3.04	
Number of trail miles for site preparation	1.20	
Buildings / structures to be demolished	0	
Select the site preparation activities	General site prep activities, Mobilization, Surveying, Traffic control	
Trails		
Trail development		
Total cost for Trail development		\$790,866.00
Total miles of hard surfaced trail developed / renovated	1.20	
Miles of hard surfaced trail developed / renovated by surface type - Asphalt	1.20	
Miles of hard surfaced trail developed / renovated by surface type - Boardwalk	0.00	
Miles of hard surfaced trail developed / renovated by surface type - Concrete	0.00	

Miles of hard surfaced trail developed / renovated by surface type -	0.00	
Crushed stone		
Miles of hard surfaced trail developed / renovated by surface type -	0.00	
Other hard surface		
Miles of hard surfaced trail developed / renovated by surface type -	0.00	
Recycled materials		
Miles of hard surfaced trail developed / renovated by surface type -	0.00	
Resin based stabilized material		
Miles of hard surfaced trail developed / renovated by surface type -	0.00	
Soil Cement		
Total miles of soft surfaced trail developed / renovated	0.00	
Miles of soft surfaced trail developed / renovated by surface type -	0.00	
Natural surfaced		
Miles of soft surfaced trail developed / renovated by surface type -	0.00	
Other soft surface		
Miles of soft surfaced trail developed / renovated by surface type -	0.00	
Wood chip / engineered wood fiber		
Is this a dual tread trail	No	
Trail design profile - Cross-slope (percent)	2	
Trail design profile - Running slope (percent)	5	
Trail design profile - Shoulder width (feet)	4	
Trail design profile - Tread width (feet)	12	
Select the trail structures	Pull-outs, Retaining walls	
Number of at-grade road / street crossings in this project	1	
Controls used for road / street crossings	Bollards / gates, Pavement markings, Pedestrian signal, Signs, Traffic buttons	
Project involve painting, striping, or other trail/pavement marking (yes/no)	Yes	
Trail bridge development		
Total cost for Trail bridge development		\$500,000.00
Number of trail bridges	1 new, 0 renovated	
Select the bridge types	Other, Steel	
Provide the length and width of each bridge (feet)	110' x 12'	

Cultural Resources

Cultural resources

Total cost for Cultural resources		\$5,000.00
Acres surveyed for cultural resources	3.04	
Number of trail miles surveyed for cultural resources	1.20	

Permits

Obtain permits

Total cost for Obtain permits		\$40,000.00
Number of permits required for implementation of project	9	

Architectural & Engineering

Architectural & Engineering (A&E)

Trail design standards used	AASHTO KC Regional Trail Design Guidelines ADA	
Total cost for Architectural & Engineering (A&E)		\$365,000.00

Development Questions

- 1 of 7** Is the worksite(s) located within an existing park, wildlife refuge, natural area preserve, or other recreation or habitat site? If yes, name the area and specify if the land is owned by local, state or federal government.
Yes, Segment A passes through Renton's Black River Riparian Forest (home to one of the Puget Sound's largest Great Blue Heron nesting sites) and Tukwila's Fort Dent Park, where it connects to the Green River Trail.
- 2 of 7** Identify the source of funds (i.e. federal grant, Conservation Futures, local appropriations, private land donation, etc.) that was originally used to acquire the property.
The Cities of Renton and Tukwila have identified multiple sources of funding used in the acquisition of the park parcels including: King County Open Space Bond Issue Funds, King County Conservation Future, Metro Shoreline Improvement Fund Grant, WWRP Urban Wildlife Habitat and various local funds.
- 3 of 7** Has the worksite been investigated for historical, archeological, or cultural resources? If yes, when did this occur and what agencies and tribes were consulted? Attach related documents (letters, surveys, agreements, etc.) to your project in PRISM.
Yes, On September 2, 2010, King County initiated Section 106 of the National Historic Preservation Act (NHPA) process by providing the project scope and APE (Area of Potential Effect) to WSDOT. WSDOT, under Section 106, commenced consultation, by letter, sent to DAHP, Snoqualmie Nation, Puyallup Tribe, Yakama Nation, Muckleshoot Tribe and Squaxin Island Tribe, on September 15, 2010. The WSDOT letters included detailed project information and requested comments on the APE and the proposed project. A Cultural Resources Survey Report was completed and issued in July 2011. This report was amended in 2015 to extend the APE to include the pedestrian bridge, which was not originally scoped. Agencies and tribes consulted include the Washington State Historic Preservation Office, the Muckleshoot Tribe, the Snoqualmie Nation, the Puyallup Tribe and the Yakima Nation.
- 4 of 7** Describe existing project site conditions. The answer to this question will be used in cultural resource consultation so please provide detailed information.
The majority of the trail (1.0 mile of the 1.2-mile-long segment) will be constructed on an existing gravel maintenance road through the Black River Riparian Forest; the remaining section of trail (0.2 miles) will be located on easements under BNSF and Union Pacific railroad crossings and in Tukwila's Fort Dent Park.
- 5 of 7** Describe any proposed ground disturbing activities. That is, will a tool(s) be used to move earth (soil, rock, gravel, etc.) as part of this project?

This includes hand tools, for example: shovel, auger, pick axe, backhoe, etc. Also include specific information including length, width, and depth of the ground disturbance that will be required for all proposed work, if known. Please avoid subjective phrases such as "ground disturbing activities will be minor".

Ground disturbing activities will be limited to clearing, grubbing of an approximately 20 foot wide by 1.2 mile long area prior to placement of new imported fill material. Excavation will be within the top 3 feet of the surface to prepare the trail bed for paving. Construction equipment may consist of excavators, bulldozers, dump trucks, compactors, concrete trucks, pumpers and asphalt paving equipment. Construction of the pedestrian bridge will require ground improvements in the form of deep soil mixing to mitigate liquefiable soils. This will involve sheet piling off the abutment areas and drilling up to 60 - 4' diameter shafts roughly 40' deep. Cranes will lift the pre-fabricated bridge into place without impacts to the Black River.

6 of 7 Give street address for this worksite if available.

Segment A runs from the Green River Trail near Fort Dent Park in Tukwila through the Black River Riparian Forest to Naches Ave SW in Renton.

7 of 7 Are there any structures existing on the property (including tidegates, dikes, etc.)? If so, please list all existing structures. Indicate if any of these structures will be altered or demolished as a result of the project, and provide the following information for each structure that could be altered or demolished: identifying name, year constructed, year(s) remodeled/renovated. Attach at least one photo of each of the proposed altered structures.

Yes, There are two railroad trestles on the property. No structures will be altered or demolished.

Property for Lake to Sound Trail Worksite #1: Lake to Sound Trail, Segment A

Activity: Development

Landowner

City of Renton
1055 S Grady Way
Renton, WA 98057

Control and Tenure

Instrument Type: Landowner Agreement
Purchase Type:
Term Length: Perpetuity
Expiration Date:
Note:

Landowner Type: Local Government

Overall Project Questions

1 of 16 Does the project site or project boundary lie within the urban growth area boundary of a city or town with a population of 5,000 or more? If yes, name the community and attach one map called Population Proximity Map under the Attachment Tab in PRISM.

Yes. Segment A is located within the Cities of Renton and Tukwila.

2 of 16 Describe any ground disturbing work that will be necessary as part of the design process, such as geotech work. Include anticipated number of test sites, depth of disturbance, location, etc.

Ground disturbing work as part of the design process has been completed and included 33 regularly spaced shovel test probes as part of the archaeological study, as well as 4 soil borings to 30 feet for the geotechnical design.

3 of 16 When will the project be completed and made available to the public for outdoor recreation uses?

Segment A will be completed and made available to the public in June 2018.

4 of 16 Describe any required mitigation as a result of the action in this proposal. Will mitigation occur on this site or another location?

For the Lake to Sound Trail—Segment A project, King County has developed plans for habitat improvement and restoration to mitigate for project-related effects on stream buffers. Compensatory mitigation for effects related to installation of the pedestrian bridge will be achieved through those plans, which are summarized below. All unavoidable impacts to stream buffers will be mitigated in accordance with the provisions of the City of Renton Shoreline Master Program (Renton Municipal Code [RMC] 4-3-090). Specific mitigation plans will be included in permit applications for construction of the project. The mitigation plans will focus on providing riparian buffer and wetland buffer mitigation that provides equal or greater functions than were impacted. The mitigation site will be planted at a ratio of at least 1:1 to offset project impacts. The riparian buffer component of the overall mitigation plan consists of planting native trees and shrubs within the regulated riparian buffer of the Black River. The effects of clearing trees greater than 6 inches in diameter at breast height (dbh) will be offset by replanting native trees at a ratio of 1:1 or greater. On-site mitigation (in the vicinity of the Lake to Sound Trail—Segment A project and within the regulated buffer of the Black River) was selected as the preferred option. Riparian mitigation will consist of planting, or underplanting, in an area where existing riparian conditions are degraded. This type of mitigation will offset the project's impacts on stream resources by maintaining or enhancing those riparian functions that support water quality and fish habitat. The riparian functions that will benefit from mitigation include large woody debris (LWD) recruitment, stream temperature regulation, bank stability, leaf litter recruitment, and water quality functions.

5 of 16 Are overhead utility lines present at the site, and if so explain how they will be relocated or buried.

No, N/A.

6 of 16 Will this proposal create a new public park/recreation area where none presently exists? If yes, what will the area be named?

Yes. This project will create a new additional segment of the Lake to Sound Trail, part of King County's Regional Trails System.

7 of 16 Will this proposal renovate or expand an existing public park/recreation area? If yes, what is the name of the existing area?

Yes. This project will expand the Lake to Sound Trail, part of King County's Regional Trails System.

8 of 16 How does this proposal implement goals in your agency's planning document and/or the Statewide Comprehensive Plan (include references)

By expanding access to recreation opportunities and connecting communities, the project furthers the 2016 King County Parks, Trails, and Open Space Plan, and the 2014-2019 King County Parks, Trails, and Open Space Replacement Levy, which designated funding for developing the Regional Trails System. Furthermore, the project is consistent with the SCORP by expanding access to recreational opportunities for recreationists with limited mobility and offering new recreational opportunities in communities underserved by regional trails.

9 of 16 Is this project scope part of a larger effort not reflected in the project application? If so, briefly describe the larger effort, funding amount(s) and source(s).

Yes, Segment A is the second phase of a six-phase trail development project creating the Lake to Sound Trail (L2S). Once complete, L2S will be a 16-mile-long corridor extending from Lake Washington in Renton to Puget Sound in Des Moines. Funding thus far has come from voter-approved local levy funds and federal transportation grant funds. The overall combined cost to construct all segments is estimated at \$45 million.

10 of 16 Describe the nature of any existing rights-of-way, easements, reversionary interests, etc. to the project area.

Two easements are required to provide under-crossing access of existing railroad trestles (BNSF and Union Pacific); Interlocal agreements with the Cities of

Renton and Tukwila will outline the terms of design, construction and maintenance of the trail. These agreements are anticipated to be approved by the end of 2016.

- 11 of 16 Does your project address or accommodate the anticipated effects of climate change? If yes or maybe, please describe how.**
Maybe, Once complete, this regional trail will connect multiple communities and commercial and transit hubs, providing a non-motorized transportation option.
- 12 of 16 Who will be responsible for administration, design, and/or implementation of this project (i.e. in-house staff, paid consultants, contractors, volunteers, other agency staff, etc.)? Explain.**
King County will be responsible for the design and administration of the project, working under the terms of the ILAs with the Cities of Renton and Tukwila and with oversight provided by WSDOT. A private contractor will be awarded the contract for construction through a public works bid process.
- 13 of 16 Is there, or will there be, any significant public access or use restrictions? If yes, explain:**
For safety reasons, the worksite will be restricted during construction. Once complete, the trail will have no public access or use restrictions beyond King County Parks' regular park and trail rules.
- 14 of 16 Does this application contain state, federal or other grants as part of the "sponsor match"? If "yes," name the grant(s) and date grant will be available.**
Yes, Yes. King County Parks will use \$950,000 in federal highway funds from the Congestion Mitigation and Air Quality (CMAQ) program administered by the Puget Sound Regional Council (PSRC).
- 15 of 16 Does this application contain elements required for mitigation for other project(s)? If yes, explain:**
N/A.
- 16 of 16 Is this project a subsequent phase to a previously funded RCFB project? If yes, please identify the grant project number(s) if known.**
No, N/A.

Project Permits

Permit Type	Applied Date	Received Date	Expiration Date	Permit Number
Clear & Grade Permit				
Clear & Grade Permit				
Cultural Assessment [Section 106]				
Endangered Species Act Compliance [ESA]				
Hydraulics Project Approval [HPA]				
NEPA				
SEPA				
Shoreline Permit				Permit #2016-NW-3177
Shoreline Permit	03/25/2016			

Permit Questions

- 1 of 1 **If this project requires a federal permit, will the scope of that permit cover ALL proposed ground disturbing activities included in this project? You may need to request a pre-application meeting with the permitting agency to answer this question.**
No, There are no federal permits (e.g. Army Corps of Engineers) required on this project.

Project Attachments

Required Attachments 4 out of 4 done

- Control & Tenure Documentation
- Map: Area of Potential Effect (APE)
- Photo
- Site Plan: Development site plan

Photos

Attachment Type	Title	Attach Date
Application Review Report Authorizing Resolution/Application Authorization	Application Review Report, 16-1739D(rtnd 06/17/16 14:42:45).pdf	06/17/2016
Authorizing Resolution/Application Authorization	16-1739_KCParks_L2S_Authorization.b.pdf	07/08/2016
Authorizing Resolution/Application Authorization	16-1739_KCParks_L2S_Authorization.a.pdf	05/02/2016
Control & Tenure Documentation	16-1739_KCParks_L2S_ILA_Burien.pdf	05/02/2016
Map: Population Proximity	16-1739_KCParks_L2S_PopProximity.pdf	05/02/2016
Map: Site Location	16-1739_KCParks_L2S_Trail.pdf	05/02/2016
Photo	16-1739_KCParks_L2S_FortDent_GRTconnection.jpg	07/08/2016

Photo	16-1739_KCParks_L2S_train_underpass.jpg	07/08/2016
Photo	16-1739_KCParks_L2S_BridgeLocation.jpg	07/08/2016
Photo	16-1739_KCParks_L2S_BlackRiverForest.jpg	07/08/2016
Project Application Report	Application Report, 16-1739D (submitted 05/02/16 17:25:24).pdf	05/02/2016
Project Support / Concern Documents	16-1739_KCParks_L2S_Ltr_Spt_Renton.pdf	07/08/2016
Project Support / Concern Documents	16-1739_KCParks_L2S_Ltr_Spt_Tukwila.pdf	05/02/2016
Site Plan: Development site plan	16-1739_KCParks_L2S_DevSite.pdf	05/02/2016

Application Status

Application Due Date: 05/02/2016

Status	Status Date	Name	Notes
Application Submitted	07/08/2016	Frana Milan	
Application Returned	06/17/2016	Karen Edwards	Control and tenure is confusing on this one. Inconsistently throughout the PRISM application it says the project will be on lands owned by the City of Renton, Tukwila, Buckley, BNSF, and UP yet the control and tenure attachment is with the City of Burien. Need to be clear and consistent throughout the application. Let me know if you have any questions or would like to discuss. Thank you, Karen
Application Submitted	05/02/2016	Frana Milan	
Preapplication	03/31/2016		

I certify that to the best of my knowledge, the information in this application is true and correct. Further, all application requirements due on the application due date have been fully completed to the best of my ability. I understand that if this application is found to be incomplete, it will be rejected by RCO. I understand that I may be required to submit additional documents before evaluation or approval of this project and I agree to provide them. (Frana Milan, 07/08/2016)

Date of last change: 07/08/2016