

SEPA ENVIRONMENTAL CHECKLIST

Purpose of checklist:

Governmental agencies use this checklist to help determine whether the environmental impacts of your proposal are significant. This information is also helpful to determine if available avoidance, minimization or compensatory mitigation measures will address the probable significant impacts or if an environmental impact statement will be prepared to further analyze the proposal.

Instructions for applicants:

This environmental checklist asks you to describe some basic information about your proposal. Please answer each question accurately and carefully, to the best of your knowledge. You may need to consult with an agency specialist or private consultant for some questions. You may use "not applicable" or "does not apply" only when you can explain why it does not apply and not when the answer is unknown. You may also attach or incorporate by reference additional studies reports. Complete and accurate answers to these questions often avoid delays with the SEPA process as well as later in the decision-making process.

The checklist questions apply to all parts of your proposal, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. The agency to which you submit this checklist may ask you to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impact.

Instructions for Lead Agencies:

Please adjust the format of this template as needed. Additional information may be necessary to evaluate the existing environment, all interrelated aspects of the proposal and an analysis of adverse impacts. The checklist is considered the first but not necessarily the only source of information needed to make an adequate threshold determination. Once a threshold determination is made, the lead agency is responsible for the completeness and accuracy of the checklist and other supporting documents.

Use of checklist for non-project proposals:

For non-project proposals (such as ordinances, regulations, plans and programs), complete the applicable parts of sections A and B plus the [SUPPLEMENTAL SHEET FOR NON-PROJECT ACTIONS \(part D\)](#). Please completely answer all questions that apply and note that the words "project," "applicant," and "property or site" should be read as "proposal," "proponent," and "affected geographic area," respectively. The lead agency may exclude (for non-projects) questions in Part B - Environmental Elements –that do not contribute meaningfully to the analysis of the proposal.

A. Background [\[HELP\]](#)

1. Name of proposed project, if applicable:

South Park Plaza – a Neighborhood Urban Park

2. Name of applicant: **City of Seattle Parks & Recreation Department (SPR)**

3. Address and phone number of applicant and contact person:

Contact: Jay Rood
Phone: 206 516-9477
Address: Seattle Parks & Recreation
Planning Development & Maintenance Division
300 Elliott Avenue W, Suite 100
Seattle, WA 98119

4. Date checklist prepared:

December 16, 2021

5. Agency requesting checklist:

King County

6. Proposed timing or schedule (including phasing, if applicable):

Public Works Bid Project – anticipated Notice to Proceed June 2022

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.

There is one planned expansion of open space located to the north of the South Park Plaza site. The City of Seattle – Parks and Recreation Department continues negotiation with King County for acquisition of a .40 acre parcel between South Orr Street and the Duwamish River/S. Rose Street.

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.

- **King County Clear and Grade Permit**
- **Coverage under the State Construction Stormwater General Permit**
- **Right-of-Way Permit**

9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain.

No, there are no known applications pending for government approvals or other proposals directly affecting the property covered by this proposal.

10. List any government approvals or permits that will be needed for your proposal, if known.

King County Grading and Drainage Permit

11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description.)

SPR completed the purchase of the property, a .83-acre site, from King County, in 2018, as part the department's Land Bank Park Development program. It is now moving forward with improvements to the park. The park site is currently a vacant graveled open parcel with access control facilities at its perimeter.

South Park Plaza is located in the South Park neighborhood of South Seattle and sits within the Urban Village/Commercial District of South Park. The park site is located at the southwest end of the South Park Bridge (14th Avenue South and Dallas Avenue South) and a block away from the Duwamish River to the north. Although City of Seattle owned, the property is in King County.

The South Park Plaza project is one of many recent park development initiatives undertaken by SPR – providing much needed open space and recreational space in this underserved community.

Seattle Parks and Recreation (SPR) is proposing to make the following improvements to the park:

- **A large plaza space with surfaces, utilities, lighting and amenities supporting community events, markets, celebrations and large gatherings**
- **A children's play area**
- **An overlook entryway**
- **Extensive pathways connecting the South Park business district, Dallas Avenue South, thru the park to South Orr Street onto future river/community open space and trails**
- **Benches, seat walls and picnic tables**
- **Extensive indigenous landscape plantings and lawn areas – all irrigated**
- **Stormwater and drainage improvements**
- **Adjacent KC Right-of-Way improvements – sidewalks, curbing, drainage & landscape**

Park Construction

Construction starts with establishment of project perimeter fencing, erosion control and access controls. Workflow will follow the contracted working day schedule – Monday through Friday and working hours as defined by County code/ordinance. Subsequent construction work will be:

- Continuous site control survey
- Site demolition – limited
- Site excavation and grading
- Utilities installation – electrical, drainage system, irrigation system
- Base preparation of site structures, including seat walls, light footings, play area equipment and site amenities
- Framing and pouring of CIP structures
- Base preparation of site paving
- Pouring of site paving
- Install of all site lighting, play equipment, kiosk, benches and picnic tables
- Installation of site landscape soils and rocks
- Planting of landscape materials, lawn, groundcover, shrubs, and trees
- Site clean up
- Demobilization – Site security fencing and erosion control
- Substantial Completion and Physical Completion Inspections

12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.

8456 Dallas Avenue South, Seattle, WA 98108 – KC Parcel # 218500-1045,-1075 and -1275

B. Environmental Elements [\[HELP\]](#)

1. **Earth** [\[help\]](#)

a. General description of the site:

(circle one): **Flat**, rolling, hilly, steep slopes, mountainous, other _____

b. What is the steepest slope on the site (approximate percent slope)? - **2%**

c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any agricultural land of long-term commercial significance and whether the proposal results in

removing any of these soils. – **NA – entire site is vacant parcel with prior use as parking and staging area for South Bridge construction**

- d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe. **No**
- e. Describe the purpose, type, total area, and approximate quantities and total affected area of any filling, excavation, and grading proposed. Indicate source of fill.

The project proposes general site grading for the proposed improvements. The site grading includes mostly fill in order to facilitate stormwater drainage away from the site. This will result in 500 CY of cut, 2500 CY of fill, with a net 2000 CY of fill. The source of fill has not yet been determined.

- f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe.

While erosion is a possibility, the contractor shall employ best management practices and maintain sedimentation and erosion control of the site until project is complete and all landscape areas planted/mulched.

- g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)? **43%**
- h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:

In accordance with the City's Standard Specifications for Road, Bridge, and Municipal Construction and the Seattle Stormwater Code, the contractor will be required to submit a Construction Stormwater Erosion Control Plan (CSECP) to describe BMPs that will be implemented to reduce and control erosion during construction.

Silt fences, inlet protection and other Best Management Practices will be used to control sedimentation and erosion. Runoff will be managed so that it does not run off the site in an uncontrolled fashion. Exposed soils will be covered or seeded if they will be subject to wet weather over extended periods. A temporary erosion control plan will be prepared and implemented in accordance with King County Stormwater Standards.

2. Air [\[help\]](#)

- a. What types of emissions to the air would result from the proposal during construction, operation, and maintenance when the project is completed? If any, generally describe and give approximate quantities if known.

Construction:

The typical sources of emissions during project construction include:

- **Fugitive dust generated during the excavation, grading, and other construction activities;**
- **Engine exhaust emissions from construction vehicles, work vehicles, and construction equipment;**

- Increased motor vehicle emissions associated with increased traffic congestions during construction; and
- Volatile organic and odorous compounds emitted during concrete paving.

The total emissions and timing of the emissions from these sources will vary depending on the phasing of the project and construction methods.

b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe.

There are no off-site sources of emissions or odor that may affect the proposed project.

c. Proposed measures to reduce or control emissions or other impacts to air, if any:

During construction, impacts to air quality will be reduced and controlled through implementation of standard federal, state, and local emission control criteria, in accordance with the City’s Standard Specifications for Road, Bridge, and Municipal Construction. The City’s Standard Specifications require that contractors maintain air quality to comply with the National Emission Standards for Hazardous Air Pollutants.

3. Water [\[help\]](#)

a. Surface Water: [\[help\]](#)

1) Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into.

The site is near, 1 block away, the Duwamish River

The site is outside the 115’ shoreline buffer for the Duwamish Waterway. A very small portion of this project appears to be within 200’ of the shoreline. This work will be limited to site development to replace less than 100 SF of existing pavement.

2) Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans.

The site is outside the 115’ shoreline buffer for the Duwamish Waterway. A very small portion of this project appears to be within 200’ of the shoreline. This work will be limited to site development to replace less than 100 SF of existing pavement.

3) Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material.

No fill or dredged material will used for this project

- 4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known.

The project will not require surface water withdrawals or diversions

- 5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan.

According the Federal Emergency Management Agency FEMA National Flood Insurance Program (NFIP) Flood Insurance Rate Map (FIRM) King County, Washington and Incorporated Areas Map, Map Number 53033C0640G (Revised August 19, 2020), the project area is **NOT located within the 100-year floodplain.**

- 6) Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge.

No, the project does not involve the discharge of waste materials to surface waters.

b. Ground Water: [\[help\]](#)

- 1) Will groundwater be withdrawn from a well for drinking water or other purposes? If so, give a general description of the well, proposed uses and approximate quantities withdrawn from the well. Will water be discharged to groundwater? Give general description, purpose, and approximate quantities if known.

The project does not involve withdrawals of water from a well, or discharges to groundwater.

- 2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, containing the following chemicals. . . ; agricultural; etc.). Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve.

N/A – THE PROJECT WILL HAVE NO WASTE DISCHARGE INTO THE GROUND.

c. Water runoff (including stormwater):

- 1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe.

Runoff generated by site improvements including lawn and landscaped areas, sidewalk and other hard surfaces, and an underdrained lawn area will be collected onsite in catch basins, underdrains and/or conveyance swales and conveyed to the King County storm system located in the right-of-way. The site consists of two stormwater systems; one that discharges into the existing swale located north of the site in South Orr Street and the other that discharges into an existing catch basin south of the site located in Dallas Avenue South. Both public storm systems combine within a quarter mile downstream and flow into

the Duwamish River through an existing bioswale/rain garden associated with the South Park Bridge – adjacent to the project.

2) Could waste materials enter ground or surface waters? If so, generally describe.

**During construction, there is a potential that waste materials (e.g. oil and grease) from construction equipment, or paving materials could enter groundwater
No waste materials will enter surface waters**

3) Does the proposal alter or otherwise affect drainage patterns in the vicinity of the site? If so, describe.

Once completed, stormwater from the park will run off directly to the KC rain garden and then into the Duwamish River. The project is not expected to alter or otherwise affect drainage patterns in the vicinity of the project.

d. Proposed measures to reduce or control surface, ground, and runoff water, and drainage pattern impacts, if any:

Prior to project construction, the contractor will be required to develop a CSECP and Spill Plan that describe BMPs to be implemented to control stormwater and waste materials flowing onto and from the site in accordance with the City's Standard Specifications for Road, Bridge, and Municipal Construction and the Seattle Stormwater Code.

This project will maintain positive control of stormwater using a combination of catch basins, conveyance pipes/swales, and flow control BMPs to collect, convey, and manage stormwater onsite.

4. **Plants** [\[help\]](#)

a. Check the types of vegetation found on the site:

- X deciduous tree: alder, maple, aspen, other
- X evergreen tree: fir, cedar, pine, other
- X shrubs
- X grass
- pasture
- crop or grain
- Orchards, vineyards or other permanent crops.
- wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other
- water plants: water lily, eelgrass, milfoil, other
- other types of vegetation

b. What kind and amount of vegetation will be removed or altered?

As a vacant undeveloped parcel/site – no vegetation will be removed from the site

- c. List threatened and endangered species known to be on or near the site.

There are no threatened or endangered plants known to be on or near the project site.

- d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any:

Other than lawn areas, all plantings will be indigenous trees, shrubs and groundcovers and maintained as such.

- e. List all noxious weeds and invasive species known to be on or near the site.

There is evidence of Japanese Knot Weed in the vicinity.

5. **Animals** [\[help\]](#)

- a. List any birds and other animals which have been observed on or near the site or are known to be on or near the site.

Examples include:

birds: hawk, heron, eagle, songbirds, other:

mammals: deer, bear, elk, beaver, other:

fish: bass, salmon, trout, herring, shellfish, other _____

- b. List any threatened and endangered species known to be on or near the site.

There are no threatened or endangered animals known to be on or near the project site. WDFW Priority Habitats and Species Map does not show priority species on or near the site.

- c. Is the site part of a migration route? If so, explain.

This area is within the Pacific Flyway for migratory birds. Migrating species of geese and ducks can be found in lakes, ponds, wetlands and waterways in the area. No birds use site for migration stops or feeding. Of course, the site is within 300' of the Duwamish River.

- d. Proposed measures to preserve or enhance wildlife, if any:

MAINTENANCE AND ENHANCEMENT OF ESTABLISHED NATIVE SHORELINE AND NATIVE UNDERSTORY PLANTINGS WILL PRESERVE AND ENHANCE HABITAT VALUE

- e. List any invasive animal species known to be on or near the site.

While several of the urban-dwelling animal species that may be found in the project area are introduced, non-native species (rats, pigeons, etc.), the proposed project is not expected to have any impacts to these animal species

6. *Energy and Natural Resources* [\[help\]](#)

- a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc.

There are no buildings – no energy conservation measures being applied.

Electricity will be used to power park lighting, event outlets and irrigation controller

- b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe.

The work of this project will NOT impact the potential use of solar energy by adjacent properties

- c. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any:

There are no buildings – no energy conservation measures being applied.

7. *Environmental Health* [\[help\]](#)

- a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur as a result of this proposal? If so, describe.

Potentially hazardous materials likely to be present during construction include gasoline and diesel fuels, hydraulic fluids, oils, lubricants, solvents, paints, and other chemical products. A spill of one of these substances could occur during construction as a result of either equipment failure or worker error.

- 1) Describe any known or possible contamination at the site from present or past uses.
Due diligence property purchase reports describe the potential for some soil contamination in underlying river deposits – further testing may be required to confirm and determine nature of contamination. This park project will have very limited excavation to depth (within 4' of finish surfaces)
- 2) Describe existing hazardous chemicals/conditions that might affect project development and design. This includes underground hazardous liquid and gas transmission pipelines located within the project area and in the vicinity.

No known hazardous chemical/conditions/pipelines exist for the site/project.

- 3) Describe any toxic or hazardous chemicals that might be stored, used, or produced during the project's development or construction, or at any time during the operating life of the project.

Potentially hazardous materials likely to be present during construction include gasoline and diesel fuels, hydraulic fluids, oils, lubricants, solvents, paints, and other chemical products.

- 4) Describe special emergency services that might be required.

Should hazardous material be encountered – all emergency procedures for worker safety and material handling will be applied and followed per the contract Health & Safety Plan and Spill Plan adhered to per contract.

- 5) Proposed measures to reduce or control environmental health hazards, if any:

A Health and Safety Plan will be developed by the construction contractor before work commences. This plan will provide information on any toxic substances that may be associated with the project and will outline safe procedures for handling any of these substances.

A Spill Plan will be developed to control spills on site. Any contaminated materials that are encountered during construction will be contained and disposed of in a manner consistent with the level of contamination, in accordance with federal, state and local regulatory requirements, by a qualified contractor(s) and/or City staff.

b. Noise

- 1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)?

There is noise generated by traffic on the South Park Bridge

- 2) What types and levels of noise would be created by or associated with the project on a short-term or a long-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site.

Noise levels in the vicinity of construction will temporarily increase during construction activities. Noise from the project will include both airborne noise from construction and noise from increased traffic to /from the project site during working hours.

- 3) Proposed measures to reduce or control noise impacts, if any:

The King County permit will include limits to the time, duration, and frequency of noise that exceeds limits set forth in the King County Code. These measures are meant to minimize impacts of noise on the surrounding area. The Contractor will follow all policies procedures outlined in the SMC.

The following measures could be used to minimize noise impacts during construction:

- The operation of heavy equipment and other noisy activities will be limited to non-sleeping hours.
- Effective mufflers will be installed and maintained on equipment.
- Equipment and vehicle staging areas will be located as far from residential areas as possible.
- Idling of power equipment will be minimized.

8. Land and Shoreline Use [\[help\]](#)

- a. What is the current use of the site and adjacent properties? Will the proposal affect current land uses on nearby or adjacent properties? If so, describe.

The site is currently a vacant secured parcel surrounded by South Park Bridge to the east; Dallas Avenue South/SP Commercial district to the south; light Manufacturing facility to the west; and South Orr Street/vacant/shoreline habitat to the north

- b. Has the project site been used as working farmlands or working forest lands? If so, describe. How much agricultural or forest land of long-term commercial significance will be converted to other uses as a result of the proposal, if any? If resource lands have not been designated, how many acres in farmland or forest land tax status will be converted to non-farm or non-forest use?

The site has NOT been used as working farmlands or forest land

- 1) Will the proposal affect or be affected by surrounding working farm or forest land normal business operations, such as oversize equipment access, the application of pesticides, tilling, and harvesting? If so, how:

NO - The project is not adjacent to any working farm or forest land

- c. Describe any structures on the site.

There are NO structures on the site

- d. Will any structures be demolished? If so, what?

NA – there are no structures on the site

- e. What is the current zoning classification of the site?

King County Zoning: RB – Regional Business

- f. What is the current comprehensive plan designation of the site?

King County Comprehensive Plan: CO - Unincorporated Commercial Occupation

g. If applicable, what is the current shoreline master program designation of the site?

Site is outside 200' Shoreline Management zone – near URBAN Shoreline Environmental Designation zone

h. Has any part of the site been classified as a critical area by the city or county? If so, specify.

NO

i. Approximately how many people would reside or work in the completed project?

NO ONE will work or reside at the completed project

j. Approximately how many people would the completed project displace?

The project will NOT displace any people

k. Proposed measures to avoid or reduce displacement impacts, if any:

N/A

l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:

Project as park and open space use is an allowed land use within the King County RB – Regional Business zone

m. Proposed measures to reduce or control impacts to agricultural and forest lands of long-term commercial significance, if any:

N/A - Not applicable. There are no agricultural or forest lands of long-term commercial significance in the vicinity of the project.

9. Housing [\[help\]](#)

a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing.

N/A - The project does not involve constructing any housing units.

b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing.

N/A - The project does not eliminate any housing units.

c. Proposed measures to reduce or control housing impacts, if any:

N/A; the project will not add or eliminate any housing units and will not have housing impacts.

10. Aesthetics [\[help\]](#)

a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed?

N/A – there are No structures

b. What views in the immediate vicinity would be altered or obstructed?

The project will not alter or obstruct any views

b. Proposed measures to reduce or control aesthetic impacts, if any:

As no aesthetic impacts are expected from this project, no mitigation measures for aesthetic impacts are planned.

11. Light and Glare [\[help\]](#)

a. What type of light or glare will the proposal produce? What time of day would it mainly occur?

Site lighting is low level pedestrian scaled lighting and thus light will be directed to on-site/park spaces within the frame of largely evergreen trees and shrubs - with NO off-site glare

b. Could light or glare from the finished project be a safety hazard or interfere with views?

NO hazards or view interference will be generated by park lighting. Light is for park users safety and pleasure

c. What existing off-site sources of light or glare may affect your proposal?

The site is surrounded by light source on all sides: Bridge Lighting to the east, Dallas Avenue and Orr Street lighting on north and south sides and Light manufacturer building wall lighting to west

d. Proposed measures to reduce or control light and glare impacts, if any:

The park's evergreen tree and shrub plantings will help mitigate off site light spill and glare impacts

12. Recreation [\[help\]](#)

- a. What designated and informal recreational opportunities are in the immediate vicinity?

The site will become a public park and improvements will enhance informal active and passive recreation in the community and provide connections to regional trails and to the river.

- b. Would the proposed project displace any existing recreational uses? If so, describe.

As a new park development, NO existing recreational uses will be displaced/impacted only enhanced in the community

- c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:

Project enhances recreation as a public park, no measures are required to control impacts on recreation

13. Historic and cultural preservation [\[help\]](#)

- a. Are there any buildings, structures, or sites, located on or near the site that are over 45 years old listed in or eligible for listing in national, state, or local preservation registers? If so, specifically describe.

There are two historic-aged (older than 50 years) properties recorded within or adjacent to the Project Area; both have been removed since being recorded. The 14th Avenue South Bridge (South Park Bridge, 45KI259) is listed on the National Register of Historic Places (NRHP) and is a Washington Heritage Register listed property, as well as a King County Landmark (Soderberg 1978). The bridge was demolished in 2011, and a new bridge was constructed just west of the old bridge just east of the current Project Area. Bridge construction also resulted in the removal of the 14th Avenue South red brick road segment (Schultze et al. 2014; Historic Property 45406). The road was originally documented in 2002 and then again in 2008 (Demuth et al. 2008). The road was oriented north/south and located along the eastern edge of the Project Area. The property was recommended eligible for listing in the NRHP under Criteria A and C, but no determination appears to have been made. The current proposed project will not impact either resource, since both previously have been removed.

- b. Are there any landmarks, features, or other evidence of Indian or historic use or occupation? This may include human burials or old cemeteries. Are there any material evidence, artifacts, or areas of cultural importance on or near the site? Please list any professional studies conducted at the site to identify such resources.

The Project Area is adjacent to 45KI1815, and near 45KI186 and 45KI1817 – all precontact sites. The Project Area is within the bounds of a former (and now infilled) oxbow of the Duwamish River which has an ethnographic placename *l(ə)gʷalb* (*Lwalb* / *hLuwáhLb*) (Hilbert et al. 2001:119; Thrush 2007:240). The term means “abandoned” and refers to former river channel that, having become an oxbow lake, was no longer used by travelers. The oxbow would

have been a type of low-lying slough, inundated after overbank flooding from the river, and probably marshy through much of the year.

Several surveys (Blukis Onat 2007; Roedel and Larson 2001; Demuth et al. 2008; Schultze et al. 2013, 2014) associated with permitting and reconstruction of the South Park Bridge overlapped portions of the Project Area. The initial assessment resulted in the identification of the aforementioned *Lwalb/* Old Channel 1 Site (45KI815), as well as smaller nearby exposures 45KI816 and 45KI817 of similar cultural material. Subsequent testing, data recovery, and construction monitoring encompassed much of the current Project Area and resulted in the refinement of the site boundaries. The site is mapped outside of the Project Area boundaries, near the northeast corner (Schultze 2014). Cultural deposits were identified between 1.6 and 7.9 feet (0.5-2.4 m) below surface (bs) along the banks of the relict Duwamish River channel.

Willamette Cultural Resources Associates (Kopperl and Hodges 2017) conducted a cultural resources assessment for the 8430 Dallas Avenue Warehouse Project located along the western edge of the Project Area. Survey methodology included the mechanical excavation of 9 trenches to depths of between 6 and 10 feet (1.8-3 m) bs. No cultural materials or deposits were observed and trench stratigraphy indicated a thin layer of engineered fill above sanitary medium-to-coarse sand fill (likely dredge material) followed by occasional contact with floodplain/estuarine sediment (silt with occasional organics). These observations suggest that the current Project Area is located within the relict river channel, the former banks of which mark the northern and southern edges of the Project Area.

Multiple cultural resource assessments are located north of the Project Area and are either associated with Seattle City Light's Georgetown Steam Plant or are in close proximity to it (Boyle and Molchany 2012; Hodges 2015; Krafft and Wickwire 1997; Roedel et al. 2001; Sullivan 2009; Zucotti et al. 2008; Zucotti et al. 2012). ESA has conducted four monitoring and geotechnical projects to the west and northwest of the Project Area (Marcotte et al. 2013; Marcotte and Johnson 2014; Lockwood and Ostrander 2014; Lockwood and Hoyt 2014) resulting in the recordation of an archaeological isolate (45KI1183) consisting of brick fragments and ash within apparent fill deposits (Hoyt 2014).

- c. Describe the methods used to assess the potential impacts to cultural and historic resources on or near the project site. Examples include consultation with tribes and the department of archeology and historic preservation, archaeological surveys, historic maps, GIS data, etc.

For the current project, SPR consulted with DAHP, and cultural resources consultant reviewed archaeological, ethnographic, and historic archives; conducted surface survey; and monitored three geotechnical test pits and two geotechnical borings

- d. Proposed measures to avoid, minimize, or compensate for loss, changes to, and disturbance to resources. Please include plans for the above and any permits that may be required.

No archaeological resources have been observed within the Project Area during previous survey and monitoring. The project is expected to remain within historically and recently placed fill. SPR will prepare an Archaeological Resources Inadvertent Discovery Plan (IDP) for use during project construction. The

IDP will set forth protocols and procedures to recognize, protect, and report any inadvertent discoveries of archaeological resources during construction.

14. **Transportation** [\[help\]](#)

- a. Identify public streets and highways serving the site or affected geographic area and describe proposed access to the existing street system. Show on site plans, if any.

The site is bounded by a principal arterial (14th Avenue S.), a minor arterial (Dallas Avenue S.) and a local street (S. Orr Street). Access to the site will be limited to service vehicles that enter from S. Orr Street on a new walkway/driveway and from Dallas Avenue S. using an existing curb cut. The public will reach the site by walking from the neighborhood and nearby on-street parking using adjacent sidewalks and crosswalks or by cycling. See the transportation report for the site plan and additional information on access and circulation patterns.

- b. Is the site or affected geographic area currently served by public transit? If so, generally describe. If not, what is the approximate distance to the nearest transit stop?

Metro Route 60 stops approximately one block away at 14th Avenue S./S. Cloverdale Street. This route operates between Westwood Village and Capitol Hill including stops in White Center, South Park, Georgetown, Beacon Hill, First Hill and Broadway. Buses operate 17.5 to 18 hours per day with approximately 12 minute frequency Monday through Friday, with 20 minute frequency on Saturdays and 30 minutes on Sundays.

- c. How many additional parking spaces would the completed project or non-project proposal have? How many would the project or proposal eliminate?

No parking will be provided on the site. The project proposes to designate two accessible parking stalls on S. Sullivan Street in the existing 10-stall street-end parking bay. That change would eliminate one stall. Additionally, an Electric Vehicle charging station now under construction by Seattle City Light in the same parking bay may result in the loss of a second stall if one of the EV stalls is made accessible. SPR has coordinated with SDOT to remove parking restrictions on the south side of Dallas Avenue S between 12th Avenue S and 13th Place S resulting in the addition of approximately 18 on-street parking spaces for public use.

- d. Will the proposal require any new or improvements to existing roads, streets, pedestrian, bicycle or state transportation facilities, not including driveways? If so, generally describe (indicate whether public or private).

The project will complete frontage improvements on S. Orr Street including a sidewalk, planting strip, curb and gutter. The project will also provide a marked crosswalk on Dallas Avenue S. at 13th Place S. While not required by the project, the plaza will benefit from other improvements

being coordinated by SDOT as part of the South Park Home Zone effort including a half-signal at 14th Avenue S/Dallas Avenue S. to provide a protected pedestrian crossing, as well as a median pedestrian refuge island on Dallas Avenue S at 12th Avenue S. Additionally, SDOT plans to extend the Neighborhood Greenway path beginning at S. Sullivan Street/13th Place S to the bicycle lanes on the South Park bridge.

- e. Will the project or proposal use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.

While approximately 2,100 feet from Boeing Field, there are no rail or air facilities in the immediate vicinity of the project. The Duwamish Waterway is within approximately 225 feet of the site. The project intends to provide pedestrian access to interpretive overlooks of the river, as occurs now on S. Orr Street, but would not provide access to, or use, the water itself.

- f. How many vehicular trips per day would be generated by the completed project or proposal? If known, indicate when peak volumes would occur and what percentage of the volume would be trucks (such as commercial and non-passenger vehicles). What data or transportation models were used to make these estimates?

Use of the plaza will vary widely from month to month and day to day, depending on the type and number of events that the community wishes to hold there. Days with the largest events are anticipated to have up to 500 persons attending, resulting in approximately 350 daily vehicle trips (340 visitor vehicle trips and 10 non-passenger vehicle trips). The largest events would occur infrequently, with fewer than 10 per year. Days with smaller events with 200 persons attending would be more common and would be expected to generate approximately 210 daily vehicle trips (205 visitor vehicle trips and 5 non-passenger vehicle trips). Non-event days would generate about 75 daily vehicle trips. Forecasts of vehicle trips are based on the expected park population and their likely modes of arrival. See the transportation report for more information about the plaza's travel demands.

- g. Will the proposal interfere with, affect or be affected by the movement of agricultural and forest products on roads or streets in the area? If so, generally describe.

No, the project would not be involved with the movement of agricultural or forest products on area roads or streets.

- h. Proposed measures to reduce or control transportation impacts, if any:

The project will improve pedestrian safety by adding a marked crosswalk on Dallas Avenue S at 13th Place S, and plaza visitors will benefit from the half-signal at 14th Avenue S/Dallas Avenue S and from the median refuge island on Dallas Avenue S at 12th Avenue S. The project would not cause significant traffic or parking impacts so no measures to reduce or control them are

proposed. See the transportation report for additional information on the project's transportation demands.

15. Public Services [\[help\]](#)

- a. Would the project result in an increased need for public services (for example: fire protection, police protection, public transit, health care, schools, other)? If so, generally describe.

The project will have no impact on the need for additional public services.

- b. Proposed measures to reduce or control direct impacts on public services, if any.

Because the project will not impact public services, no measures to reduce or control impacts are proposed.

16. Utilities [\[help\]](#)

- a. Circle utilities currently available at the site: Electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other _____
- b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed.

Proposed utilities include storm drainage, water services, and electricity. All utility services are proposed to be underground. Trenching and some pavement restoration will be required for the utility services.

- **Storm drainage service – King County.**
- **Water refuse and recycling and services – Seattle Public Utilities**
- **Electrical – Seattle City Light.**

C. Signature [\[HELP\]](#)

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Signature: Jay Rood

Name of signee: Jay Rood

Position and Agency/Organization: Senior Capital Projects Coordinator – Project Manager

Date Submitted: December 15, 2021