



King County

Department of Natural Resources and Parks
Parks and Recreation Division
King Street Center
201 South Jackson Street, Suite 5702
Seattle, WA 98104
<http://www.kingcounty.gov/parks>

SEPA ENVIRONMENTAL CHECKLIST

A. Background

1. **Name of proposed project, if applicable:**
Marymoor Gateway Trail
2. **Name of applicant:**
King County Department of Natural Resources and Parks
3. **Address and phone number of applicant and contact person:**
Shazaad Jarrahian, Capital Project Manager
King County Parks and Recreation Division
201 South Jackson Street, Room 5702
Seattle, WA 98104
206-477-7372 (SEPA)
KCParks.SEPA@kingcounty.gov
4. **Date checklist prepared:**
August 24, 2023
5. **Agency requesting checklist:**
King County Department of Natural Resources and Parks
6. **Proposed timing or schedule (including phasing, if applicable):**
Construction is anticipated for Q1/Q2 2024.
7. **Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.**
No.
8. **List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.**
 - *Downtown Redmond Link Extension Geotechnical Data Report* (Golder Associates, 2019)
 - *Marymoor Gateway Trail Technical Information Report* (Kameda, 2023)
 - *Marymoor Gateway Connector Trail Wetland Delineation Memorandum* (Environmental Science Associates, 2023)

This information is available for review on the King County website at <http://www.kingcounty.gov/parks/publicnotices>

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.

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

- Clearing and Grading Permit, King County Department of Local Service, Permitting Division

11. Give a 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.)

Construction of approximately 0.4 miles of new asphalt paved trail, installation of signage, pedestrian lighting, and trail plaza with pedestrian furnishings. Construction of approximately 1,500 linear feet of new water main utility line.

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.

The proposed project lies within T25N, R05E, Section 12 at Latitude 47.664512N and Longitude 122.111929W. The King County unincorporated area parcel designation for the site is 1225059037 with the site address:

Marymoor Park
16325 NE Marymoor Way
King County, WA 98052

B. Environmental Elements

1. Earth

a. General description of the site:

Flat

b. What is the steepest slope on the site (approximate percent slope)?

The project area is generally flat ranging in elevation between 35 to 45 feet, with the steepest slope at approximately 5-10% grade.

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.

Per the Geotechnical Data Report provided by Golder Associates (Golder 2019) the type of soil found in the test pit borings are poorly graded sand (SP).

Based on USDA Natural Resources Conservation Service Web Soil Survey, the type of soil generally found onsite is Earlmont silt loam and Indianola loamy sand, 0 to 5 percent slope.

d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe.

Per the King County Environmentally Sensitive Areas iMap Viewer, accessed March 2023, the project is classified as a seismic hazard area (1990 SAO) (King County iMap, August 2018).

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 total surface area of grading activities is 42,299 square feet.

The total volume of excavated material is 936 cubic yards.

The total volume of fill material is 1,040 cubic yards.

The purpose of any grading, excavation, and fill is to construct the trail and associated infrastructure, the plaza, and the water main. The source of fill will be from local quarries and asphalt plants.

f. Could erosion occur because of clearing, construction, or use? If so, generally describe.

Construction of the proposed project would be subject to some degree of erosion, but implementation of temporary erosion and sediment control (TESC) measures during construction, as well as post-construction reseeding and general slope reparations, will prevent erosion both during construction and in the longer term.

g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?

The proposed project will construct approximately 19,677 square feet (0.45 acres) of new impervious surface area and will eliminate approximately 12,912 square feet (0.3 acres) of existing impervious surface area by removing and revegetating those areas.

The overall project site parcel is 177.2 acres and approximately 23.34 acres are covered with existing impervious surfaces which is 13.17% coverage.

After construction of 0.45 acres of proposed new impervious surface and elimination of 0.3 acres of existing impervious surface, approximately 23.49 acres of the overall project site parcel will be covered with impervious surface which is 13.26% coverage.

h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any.

- Construction clearing/working limits will be established, high visibility fence installed, and all clearing and grading will occur within this designated area only.
- Areas outside the construction limits will be left undisturbed.
- Silt fencing and/or straw wattles will be installed at the clearing limits that are downgradient from construction areas to minimize sediment-laden stormwater from leaving the site.
- Storm drain inlet protection will be installed and maintained in and near the construction zone.
- Existing trees to be preserved will be isolated using tree protection fencing.
- Stabilized construction exits will be used to minimize sediment track out, as well as periodic pavement sweeping.
- All stockpiles will be protected from erosion when not in frequent use by plastic covering and perimeter protection.
- Concrete/pavement cutting water will be collected for off-site disposal at a permitted site.
- A lined concrete washout area will be provided (or alternative washout at plant), and accumulated water and materials will be hauled off-site for disposal at a permitted site.
- Dust suppression methods (watering) will be implemented as needed.
- Temporary seeding and mulching and biodegradable erosion control products will be used where needed for construction phase soil stabilization.

- Permanent stabilization measures will be used including covering exposed soil with a compost amendment, seeding, and installing new native plantings.

2. Air

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.

The long-term operation of the project will not generate any GHGs. No new types of emissions will be created after the project is complete.

There may be minimal emissions from mobile construction equipment operation during construction that are limited to exhaust from construction equipment and dust. Dust will be mitigated by watering.

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 affect this project.

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

Dust generated will be mitigated by dust control watering of soils and other sediment as needed.

To minimize emissions, construction vehicles and equipment will be asked to follow the King County Vehicle Anti-Idling Policy.

3. Water

a. Surface Water:

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 project is located in the Sammamish River basin Water Resource Inventory (WRIA) Number 8 Cedar-Sammamish.

There is an existing shallow depression south of the project area that slopes east to west but has no outfall connection to any other stormwater feature or water body. This ditch does not appear in the Washington State Department of Natural Resources Water Type GIS resource (WDNR 2021) or the Washington State Department of Fish and Wildlife SalmonScape map (WDFW 2022).

This existing shallow depression and the areas surrounding the project site within 300 feet of the proposed project limits were assessed for the presence of critical areas. The maximum buffer width assigned to wetlands per KCC 21A.24.325.A.1 is 300 feet; therefore, the study area included areas within approximately 300 feet of the proposed project limits.

No wetlands or wetland buffers were identified within 300 feet of the project site. Two wetlands were delineated on the project parcel. Wetland B is a category III wetland, and Wetland C is a category IV wetland. Both wetlands are located more than 300 feet away from the proposed project limits.

No aquatic areas were identified within the proposed project limits. Statewide Washington Integrated Fish Distribution (SWIFD) maps a Type F stream approximately 200 feet southwest of the proposed project area. The stream originates just south of NE Marymoor Way and flows south into the Sammamish River. The existing shallow depression was evaluated and determined to not meet the definition of an aquatic area per KCC 21A.06.072C.B.

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.

No, the project does not require work over, in, or adjacent to the described waters.

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.

Not applicable, there will not be any fill or dredge material placed or removed from the surface water or wetlands for this proposed project.

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

No, the proposed 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.

No, the proposed project is not located in a 100-year floodplain as currently mapped by FEMA.

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 proposed project does not include any discharge of waste materials to surface waters.

b. Ground Water:

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 a general description, purpose, and approximate quantities if known.

No, the proposed project will not withdraw or discharge water to groundwater.

2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (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.

No, the proposed project will not discharge waste material into the ground from a septic tank or other sources.

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.

Rainfall is the primary source of runoff at the project site.

During construction, temporary erosion and sediment control best management practices such as straw wattles and/or silt fence will be placed at the downhill boundary of the disturbed areas to collect runoff and allow it to infiltrate or be collected and hauled off site.

After completion of the proposed project, runoff would surface flow across new impervious surface areas and disperse onto onsite vegetated areas to mitigate runoff quantity and quality impacts from developed surfaces. This project proposes to utilize Basic Dispersion requirements per the Surface Water Design Manual Section C.2.4.

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

There are no known sources of waste materials that will occur as a result of this project that may enter ground or surface water.

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

The proposed project will result in minor alterations to the drainage patterns within the project area due to the addition of new impervious surface for the trail and plaza. A stormwater management system complying with the King County Surface Water Design Manual will be designed, permitted, and constructed for mitigation of stormwater runoff.

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

Basic dispersion of runoff to onsite vegetated flowpath areas will be constructed to mitigate affects to the drainage patterns. Existing onsite impervious areas including sections of maintenance roads and trails will be removed and revegetated to restore on-site vegetation and improve runoff water infiltration and hydraulic function of the site drainage.

4. Plants

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

- deciduous tree: alder, maple, aspen, other
- evergreen tree: fir, cedar, pine, other
- shrubs
- 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

The majority of the project site is mowed grass lawn.

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

The proposed project would convert 19,677 square feet (0.45 acres) of existing grass lawn area to asphalt paved surfaces and would eliminate 12,912 square feet of existing impervious surface area by removing and revegetating. This results in a net loss of 6,765 square feet of vegetated area.

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

The Washington Department of Natural Resources (WADNR) list of Natural Heritage Features by Section Township and Range (Data current as of July 15, 2021, checked on August 9, 2022) does not indicate the presence of a feature within T25N R05E S12. No other threatened or endangered plant species are known to be on or near the site.

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

The project proposes to eliminate 12,912 square feet (0.30 acres) of existing impervious surface area by removing, installing topsoil, and revegetating with grass seed and/or native plants to enhance vegetation.

The proposed project has been designed to minimize impervious surface area and all on-site vegetation outside of the project limits will be protected and preserved.

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

Per the King County iMap, accessed June 2022, the known noxious weeds near the project site are Tansy Ragwort (*Senecio jacobaea*), Purple Loosestrife (*Lythrum salicaria*), and Garden Loosestrife (*Lysimachia vulgaris*).

5. Animals

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

- Birds: hawk, heron, eagle, songbirds, other: osprey
- Mammals: deer, beaver, other: rabbit, bobcat, cougar, bear, squirrels, raccoons, moles
- Fish: salmon, trout

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

The U.S. Fish and Wildlife Services (USFWS) Information for Planning and Consultation (IPaC) database, reviewed June 2022, lists the following threatened or endangered species as potentially occurring in the project area: North American wolverine (*Gulo gulo luscus*), marbled murrelet (*Brachyramphus marmoratus*), streaked horned lark (*Eremophila alpestris strigata*), yellow-billed cuckoo (*Coccyzus americanus*), Bull Trout (*Salvelinus confluentus*), monarch butterfly (*Danaus plexippus*). However, no suitable habitat occurs within the project area for these species so these species are not expected to be present.

The Washington Department of Fish and Wildlife Priority Habitat and Species database, reviewed March 2023 using a 0.5-mile buffer around the center of the project area shows the presence of the following threatened or endangered species as potentially occurring in the project vicinity: Chinook (*Oncorhynchus tshawytscha*), Steelhead (*Oncorhynchus mykiss*), Coho (*Oncorhynchus kisutch*).

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

The project site is located within the Pacific Flyway, which is a major north-south route of travel for migratory birds in America, extending from Alaska to Patagonia. Migrating and nesting birds within the project area will be protected under the Migratory Bird Treaty Act.

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

The proposed project will preserve and maintain on-site vegetation and trees to the maximum extent possible within the project area.

As no impacts to wildlife are anticipated as a result of the project, no mitigation measures are proposed.

The removal of existing impervious surfaces and revegetation with native plants will result in a net benefit to habitat function at the project site.

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

No invasive animals have been identified on or near the site.

6. Energy and Natural Resources

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.

Electric energy will be used to provide power to light poles and receptacles for the proposed project.

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

No, it will not affect 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.**

This project proposes to use energy efficient LED luminaires to reduce energy impacts of the proposed project.

7. Environmental Health

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

Typical hazards related to small heavy equipment and electrical and gasoline-powered hand tools are associated with construction of the proposed project. King County will include provisions in the construction contract to require proposer management and disposal of hazardous materials if encountered on the project site.

After construction, no exposure to toxic chemicals, risk of fire and explosion, spills, hazardous waste, or other environmental health hazards is expected as a result of the proposed project.

- 1) Describe any known or possible contamination at the site from present or past uses.**

There are no known or possible contaminations at the site.

- 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.**

Per the Washington Department of Ecology's "What's in My Neighborhood" database reviewed in June 2022, no known or suspected contaminated sites are located on or immediately adjacent to the project site.

- 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.**

No toxic or hazardous chemicals will be stored, issued, or produced as a result of the project.

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

The project will not require any special emergency services.

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

No environmental health hazards are anticipated as a result of the project.

All site workers will have appropriate health and safety training and a site-specific health and safety plan and spill prevention and control plan will be provided by the contractor in compliance with local, state, and federal procedures.

All construction and demolition waste will be recycled or disposed of properly and the contractor will be required to track and report on all waste to confirm compliance with project specific King County Green Building Reporting and Scorecard goals.

b. Noise

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

Existing noise in the project area is generally associated with recreational activities in the park.

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)?

On a short-term basis, the noise would be associated with construction and equipment. On a long-term basis, there would be no additional noise associated with the completed project.

In accordance with King County Noise Ordinance 12.86.520, construction for the project would occur between 7:00 am and 7:00 pm on weekdays and 9:00 am to 7:00 pm on weekends.

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

Construction will be limited to daytime operating hours to control impacts of noise to adjacent properties. Construction equipment will have mufflers and exhaust equipment to conform to regulations regarding construction noise.

8. Land and Shoreline Use

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.

Current use of the site is that of a County Park and Recreational Facility including sports fields, sports courts, bicycle velodrome track, parking lots, and buildings. Adjacent properties include additional public park facilities, industrial/commercial use, state highway right-of-way, and public transit facilities.

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 because 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 nonfarm or nonforest use?

Yes, in 1904, the first 80 acres of Marymoor Park were purchased and developed as a hunting lodge. Over time, more land was purchased, totaling 420 acres and a showplace farm was developed. This operation was a complex of 28 buildings utilized as milking sheds, calving and horse barns, blacksmith shop, round birdhouse, boathouse, and homes for employees. The property was bought and sold over the years and continued to be used for farming, until 1963, when King County bought the property for use as a park.

No land of long-term commercial significance or any acres in farmland or forest land tax status will be converted as a result of the project.

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?

The project is not anticipated to affect or be affected by working farms or forest lands.

c. Describe any structures on the site.

Structures in the vicinity of the project site include parking lots, trails, the velodrome bike racetrack, climbing wall, playground, restrooms and miscellaneous other small buildings.

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

No structures will be demolished as a result of the proposed project.

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

Per the King County Zoning Map (Updated: December 5, 2013), accessed June 2022, the site is zoned as R-1 residential for a mix of predominantly single detached dwelling units and other development types, with a variety of densities and sizes in locations appropriate for urban density.

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

Per the King County Comprehensive Plan Land Use (effective July 2020), accessed June 2022, the site is designated as King County Open Space System.

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

The project site is not in a designated shoreline jurisdiction.

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

Per the King County Critical Areas iMap Viewer, accessed March 2023, the project site is mapped within a potential seismic hazard (1990 SAO) (King County iMap, August 2018).

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

There will be zero people that would reside in the completed area.

King County Parks staff already maintains the property and will continue to do so after the project is completed. The number of staff members assigned to the site vary seasonally and by day of the week and varies from one to five or more.

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

No people will be displaced by the completed project.

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

The project will not result in any displacement impacts; therefore, no measures are proposed.

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

The proposed project scope enhances the existing land uses as the connector trail will provide connectivity for pedestrian and bicycle park users and transit riders.

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

The project will not impact any agricultural and forest lands; therefore, no measures are proposed.

9. Housing

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

No housing units will be provided as a result of the project.

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

There are no housing units eliminated by the project.

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

Not applicable.

10. Aesthetics

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

The only structure to be installed as part of this proposed project is an information kiosk sign structure which is approximately 8.5 feet in height.

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

No views would be altered or obstructed.

- c. **Proposed measures to reduce or control aesthetic impacts, if any.**

The proposed project will provide a public amenity with aesthetic pavement finishes, furnishings, and lighting to enhance the aesthetics of the site. Disturbed and restored areas will be planted with landscaping and/or grass lawn to reduce impacts to the site.

11. Light and Glare

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

The proposed project includes pole mounted luminaire pedestrian lighting that will illuminate the proposed trail and plaza area. The proposed luminaire will be installed approximately 16 feet high and light poles will be spaced approximately 80 feet on-center along the trail and plaza alignment. Light production would occur during normal operating park hours of low-light and occasionally beyond park operating hours during special park events as needed.

Glare will not be produced by the proposed project.

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

No, lighting produced by the finished product will not be a safety hazard and will not interfere with views.

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

There are no off-site sources of light or glare that will affect this proposal.

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

Lighting will be controlled by sensors and/or timers to implement automatic turn-on and shut-off for certain hours of park operation and low daylight. Lights can be controlled manually when overrides are needed at times.

12. Recreation

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

The project site is a public park and is open for passive and active recreation, which includes but is not limited to walking, jogging, cycling, playing sports such as baseball, soccer, and cricket, rock climbing, and events such as concerts and shows.

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

The proposed project would not displace any existing recreational uses.

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

The proposed project enhances the recreational uses of the park as it will provide additional trail pathways and amenities for pedestrians and cyclists as well as provide additional access points to the park site.

13. Historic and Cultural Preservation

- 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 several significant or potentially significant historical buildings and archaeological sites recorded near the project area in Marymoor Park, but there are no historic properties in the project area. The nearby historical buildings are associated with the Willowmoor Farm Landmark to the west of the project area; including the Clise Mansion residence (DAHP#41779), a replica operable Dutch windmill (DAHP#41778), farming outbuildings (DAHP#728739), and pre-contact archaeological site 45KI9. Other pre-contact archaeological sites, such as 45KI10, 45KI492, 45KI493, 45KI941, 45KI956, 45KI1269, 45KI1306, 45KI1307, and 45KI1315 are also recorded in Marymoor Park to the west and southwest of the project area. These sites have mostly been determined eligible for listing in the National Register of Historic Places, or are recommended as potentially eligible for listing and are awaiting formal evaluation. Site 45KI266, a pre-contact archaeological site destroyed by construction, recorded 760 feet east of Marymoor Park is the closest recorded site to the project area. Historical archaeological sites 45KI1410 and 45KI1627 are also recorded in Marymoor Park. None of the significant or potentially significant historical buildings or archaeological sites recorded near the project area in Marymoor Park will be negatively impacted by the project.

- 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.**

There are no known historic properties, landmarks, cultural features, or evidence of Indian or historic occupation within the project footprint. Historical maps show the project area was once open pasture. Previous projects in the vicinity included tribal consultation and Parks is aware of the generally sensitive natural and cultural setting of Marymoor Park, but no cultural resources have been identified in the immediate project area to date. The answer to Q13a lists several archaeological deposits and historical structures that were found nearby in the past. Two archaeological surveys were previously conducted in the immediate project vicinity. Rinck (2018) excavated two shovel probes for a fiber line installation related to Cirque nearby and HRA (2010) excavated six shovel probes nearby for work related to Sound Transit's light rail; none of which identified archaeological resources. As part of geotechnical investigations for the current project, Rinck also excavated seven shovel probes ahead of project borings and did not identify any cultural resources. One buried surface with potential for associated archaeology was identified. Subsequent monitoring of geotechnical investigations did not identify any archaeology.

- 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.**

The King County Historic Preservation Program reviewed this project and determined there is potential for encountering archaeological sites in the project area based on environmental and historical factors. The King County Historic Preservation Program uses a GIS model to determine archaeological sensitivity based on many proxies, such as soils, slope, proximity to water, previous work, known resource availability, topography, land use history, and historical maps. The probability of containing intact archaeological sites in the project area is somewhat tempered because archaeological surveys nearby to date have not identified archaeological resources in the immediate project area. However, the entire project alignment has yet to be systematically tested at regular intervals. The King County Historic Preservation Program requests additional sub-surface survey prior to project ground disturbance to fill in the data gaps between shovel probes dug during the project's geotechnical investigations. The King County Historic Preservation Program also

recommends that Parks contact the Tribes claiming traditional territory in the project area to inquire about concerns and information they may have about cultural resources. These studies are ongoing and work will be coordinated with the King County Historic Preservation Program and other interested parties.

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.

To date, there are no known cultural resources in the project area. Should survey or construction result in a new discovery, then measures will be taken to avoid, minimize, or counter deliberate negative impacts to cultural resources. At minimum, the project will follow an Inadvertent Discovery Plan to be used in case of an unanticipated discovery. The project will also comply with any other treatment recommendations made by the King County Historic Preservation Program once sub-surface survey of the project area is complete. In addition to ongoing coordination with the King County Historic Preservation Program, work crews shall be trained in recognizing archaeological materials and in the appropriate procedures they shall follow in the event any such materials are discovered during the project. Even disturbed archaeological sites, if present, would necessitate that Parks consult with the state and any affected Tribes about obtaining a state archaeological excavation permit. No permit is required if cultural resources are not identified during survey or construction.

14. Transportation

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 proposed project aims to enhance transit-oriented access and park/trail connectivity for the site and surrounding area.

Access from the northeast is served by a public sidewalk connection from the future Link Light Rail station near NE 70th St.

Marymoor Way is a public park roadway that serves the site from the south and the project includes a direct connection to Marymoor Park's public Parking Lot I as well as the Marymoor Connector Trail, a regional trail serving the public for non-motorized travel.

There is a future construction project by others that is included in the master plan for the area which will extend NE 67th Ct to the boundary of Marymoor Park. The proposed project is designed for connectivity to this roadway extension by incorporating a plaza mixing zone and trail connection location in order to develop an additional connection to the park and trail and the adjacent public street system.

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?

The site will be served by the future Link Light Rail station at NE 70th St with a direct connection from the station to the proposed project.

There are several public bus stops approximately 0.5 miles east of the project site along Redmond Way and NE Redmond Fall City Rd.

c. 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 proposed project will not require improvements to new or existing roads, streets, or other transportation facilities.

d. Will the project or proposal use (or occur in the immediate vicinity of) water, rail, or air

transportation? If so, generally describe.

The proposed project is in the vicinity of the Downtown Redmond Link Extension light rail transportation stations and will provide connectivity for pedestrians and cyclists to the transportation station from several existing regional trails and from Marymoor Park.

- e. 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 nonpassenger vehicles). What data or transportation models were used to make these estimates?**

None, the proposed project will not generate vehicular traffic.

- f. 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.**

The proposed project will not affect movement of agriculture or forest products.

- g. Proposed measures to reduce or control transportation impacts, if any.**

No measures are proposed since the project is not anticipated to impact transportation.

15. Public Services

- 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 proposed project will not result in an increased need for public services.

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

No measures are proposed since the project is not anticipated to impact public services.

16. Utilities

- 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.**

The proposed project includes electrical and water utilities.

Electrical service lines will be installed for providing pedestrian lighting to illuminate the trail and plaza for users. Electrical power service is provided by Puget Sound Energy. Construction activities would include trench excavation, installing conduit and service wire, and backfilling/restoration.

A water main utility line will be installed to provide water to the park for uses in restrooms, water fountains, irrigation, and other maintenance needs. Construction activities would include trench excavation, installing water main pipe, connection to existing water main within the project site, and backfill/restoration.

C. Signature

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.

X  _____

Name of Signee: Shazaad Jarrahan

Position/Agency: Capital Project Manager, King County Parks and Recreation Division

Date submitted: 8/24/2023