# SEPA ENVIRONMENTAL CHECKLIST

## A. Background

**1. Name of proposed project, if applicable:**

1051 Building Demolition

**2. Name of applicant:**

Washington State Department of Transportation (WSDOT)

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

Margaret Kucharski, WSDOT Megaprograms Environmental Manager
206-704-0971

999 Third Avenue
Suite 2300
Seattle WA, 98104

**4. Date checklist prepared:**

March 6, 2023

**5. Agency requesting checklist:**

Washington State Department of Transportation (WSDOT)

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

Demolition of the 1051 Building is proposed to begin in 2023. Demolition is expected to last between 1 and 2 months.

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

When demolition has been completed, the site would be graveled and fenced. Any future development or improvement at the site would occur as part of a separate, independent action.

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

The following plans and reports would be prepared prior to demolition:

- Hazardous Materials Good Faith Investigation Report
    - Asbestos and Lead Abatement Plan
- Bird Protection Plan
- Executive Order 21-02 correspondence, including coordination with:
    - Tribal Agencies:
        - Duwamish Longhouse and Cultural Center
        - Snoqualmie Tribe
        - Stillaguamish Tribe
        - Suquamish Tribe
        - Tulalip Tribes
        - Muckleshoot Tribe
    - Department of Archaeology and Historic Preservation (DAHP) State Historic Preservation Officer (SHPO)
    - King County Historic Preservation Program
    - Historic Seattle
    - Pioneer Square Preservation District Coordinator
    - Alliance for Pioneer Square

**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.**

There are no pending applications or approvals for proposals related to the property.

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

The following permits would be needed for the demolition:

- Archaeological Excavation Permit
- City of Seattle Master Use Permit SEPA Conditioning
- City of Seattle Rat Abatement Permit
- City of Seattle Demolition Permit
- City of Seattle Grading/Shoring Permit
- Puget Sound Clean Air Agency (PSCAA) Asbestos/Demolition Notification
- Certificate of Approval from the Pioneer Square Preservation Board

**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.)**

The 1051 Building has been used as offices for the Alaskan Way Viaduct (AWV) Replacement and SR 520 Programs. During a recent survey, it was determined that the building is structurally unsafe and has been vacated. The building's structural condition was documented in the WSDOT - Emergency Structural Observation of 1051 1st Avenue South Technical Memorandum, prepared by HDR in September 2022. Examples of the cracking are shown in the images below:

Exterior and interior photos of 1051 Building taken October 2022.

The building needs to be demolished for safety, and the site would be graveled and fenced. In addition, the sidewalk which is in front of the building along 1st Avenue S will be removed and replaced to widen it and add ADA curb ramps. The sidewalk adjacent to the building along S Royal Brougham Way may also be removed and replaced.

Above-ground demolition activities would begin from the parking lot on the west side of the building and would proceed east towards 1st Avenue S. Following the removal of the structure, ground disturbance would include removal of the concrete slab, vactoring around existing utilities, and removal of the sidewalk prior to its replacement.

The demolition activities would be limited to the footprint of the property parcel, and the adjacent sidewalk that will be replaced. Some temporary traffic control or work zone safety areas would be needed within the sidewalks south and east of the building and possibly into the parking lane along southbound 1st Avenue S.

**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 current address for the structure is:
1051 1st Avenue S
Seattle, WA 98134

Figure 1 shows the vicinity map for the 1051 Building, and Figure 2 shows the Project footprint. Historically, the building was listed with two building numbers: 1041 and 1051. It is located in Section 6, township 24N, and Range 4E.

The legal description is as follows:
SEATTLE TIDE LDS E 101.90 FT LESS POR PER DEED REC # 20220519000511
Plat Block: 329
Plat Lot: 14 THRU 19

Please reference Attachment 1 for a Vicinity Map (Figure 1) and the 1051 Building Parcel Footprint (Figure 2).

# B. Environmental Elements

## 1. Earth

**a. General description of the site:**

The site is flat and developed. There is a mix of asphalt, concrete, and gravel surrounding the structure.

**Circle or highlight one: Flat, rolling, hilly, steep slopes, mountainous, other:**

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

The site is flat with no slopes.

**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.**

The soil found on the site is engineered and non-engineered fill. There is no agricultural soil on site and no agricultural land of long-term significance within the vicinity of the site.

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

There are no surface indications or history of unstable soils on the demolition site. King County GIS data for landslides does not indicate the site as having a historic landslide event, nor does it indicate the potential for this hazard.

**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.**

Demolition of the structure would result in minimal excavation of the site. Excavation would be limited to what is needed for removal of the concrete slab footing, vactoring around existing utilities, and removal of the sidewalk. It would not be expected to penetrate more than 10 feet below the current surface area. Excavation would be expected to extend 10 feet surrounding the existing building and to the sidewalk curb in front of the building; however, no soil would be removed from site, only the building structure. There would be approximately 16,000 cubic yards of backfill to gravel the area once demolition is complete.

The site would be flat once the Project has been completed.

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

No erosion is expected to occur from demolition activities or graveling the site.

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

Following demolition, there would be no new impervious surface added. Currently, approximately 80 percent of the site has impervious surface, which would be reduced by demolition and the removal of the concrete slab building foundation, resulting in less than 10 percent of the site being covered by impervious surface.

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

Demolition would follow a Temporary Erosion and Sediment Control (TESC) plan and erosion mitigation measures would be in place.

## 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.**

During demolition, there would be emissions resulting from demolition and excavation equipment, such as trucks, heavy equipment, and machinery. There is also a potential for fugitive dust as a result of demolition. Emissions would be short-term and intermittent.

There would be no emissions once demolition is complete.

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

No, there are no off-site sources of emissions or odor that would have an effect on the proposal.

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

All demolition vehicles and equipment would be kept in good working order to reduce emissions. Construction best management practices (BMPs) to control dust would include using water misters and foggers during demolition. Additionally, an Asbestos Abatement Plan would be in place to control potential air quality impacts. Asbestos abatement will begin prior to demolition to reduce or control potential air quality impacts.

## 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 Puget Sound is located approximately 0.5 mile to the west of the Project site. There are no wetlands in the area.

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, there would be no work in or adjacent to water.

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.**

   None.

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

   No.

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

   No, the site is not within a flood hazard zone.

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.

### 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 water would be withdrawn from groundwater, and no water would be discharged 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.**

There would be no waste material discharged to groundwater from septic tanks or other sources during demolition.

### c. Water Runoff (including stormwater):

**a) 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.**

During demolition, an unknown amount of runoff would be generated from dust control using water spray and stormwater runoff. This runoff would be controlled by the contractor to prevent it from entering surface waters. Measures to prevent runoff would include BMPs to mitigate this possibility in accordance with the Washington State Department of Ecology's Stormwater Management Manual for Western Washington. Water would be routed to a low area on the construction site and pumped into baker tanks for treatment. Following demolition, the site would not cause any waste materials to directly enter surface waters.

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

There is the possibility of accidental discharge of waste materials from construction equipment and vehicles; however, BMPs (as described above in c.1) would be utilized to prevent runoff from entering ground or surface waters. Following demolition, the site would not cause any waste materials to directly enter surface waters.

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

No, the proposal would not affect drainage patterns on site

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

Construction BMPs for water runoff would route water to a low area on the construction site and pumped into baker tanks for treatment. Water would not be allowed to run off the site. The Asbestos Abatement Plan would be in place to control potential impacts to water quality.

The use of Construction BMPs would prevent groundwater and drainage patterns from being impacted. These BMPs would include the use of a TESC plan, runoff collection and treatment, and the adherence to the WSDOT Stormwater Manual, and City of Seattle Stormwater Manual.

## 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**

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

Up to one tree may be removed if the sidewalk along S Royal Brougham Way is replaced.

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

None.

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

At least one tree adjacent to the site would be protected in place. No additional vegetation would be planted on site following demolition.

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

- Spotted Knapweed – B designate weed
- Yellow Toadflax – C non-select weed

## 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.**

The Project is located within a highly urbanized area where wildlife habitat is limited to the following:

- Seagulls
- Pigeons
- Rats
- Squirrels

**Examples include:**

- **Birds: hawk, heron, eagle, songbirds, other: (see above)**
- **Mammals: deer, bear, elk, beaver, other: (see above)**
- **Fish: bass, salmon, trout, herring, shellfish, other: (see above)**

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

Per the Priority Habitat and Species (PHS) data set, the U.S. Fish and Wildlife Services Map Viewer and Threatened & Endangered Species Active Critical Habitat Report, and the NOAA Fisheries protected Resources App there are no known threatened or endangered species in the area.

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

The site is within the Pacific Flyway bird migratory route, but the site is not known to be used by migratory birds.

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

A Bird Protection Plan would be implemented prior to and during demolition, if the start date is scheduled to occur during nesting season.

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

None.

## 6. Energy and Natural Resources

**1. 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 would be no energy needed for the completed Project

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

No; the proposed project would remove the building from the Project site.

**3. 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.**

None.

## 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.**

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

Currently the site is known to have the following hazardous materials:

- Asbestos
- Mercury
- Hydraulic oil
- Lube oil
- Volatile organic compounds (VOCs)
- Semi-volatile organic compounds (SVOCs)
- Polychlorinated Biphenyl (PCBs)
- Metals

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.**

   Asbestos found on site is predominantly found in roofing materials and in exterior window glazing. Lead Based Paint (LBP) is found throughout the building, with varying concentrations of lead. PCBs and mercury are found in the fluorescent lights within the building, and Elevator Hydraulic Oil is presumed to be contained in the hydraulic oil reservoir for the industrial elevator on the west side of the building. Other detectable hazardous materials were primarily detected in a concrete core sample taken from the building.

   Due to these hazardous materials the demolition would require a hazardous materials remediation plan.

   A Hazardous Materials Remediation plan will be in place during and prior to demolition, disposal of all hazardous materials will follow federal, state, and local health and safety regulations. These regulations include compliance with the Solid Waste Handling Standards (WAC 173-350), Seattle Municipal Code (Title 25), WSDOT Standard Specifications, and U.S. Environmental Protection Agency (EPA) Guidelines.

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.**

   Following hazardous materials remediation, there would be no toxic or hazardous chemicals stored on site during or following demolition.

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

   None.

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

   A Hazardous Materials Plan, Asbestos Abatement Plan, and a Spill Control and Countermeasures Plan would be prepared and implemented during construction.

## b. Noise

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

   The primary source of noise in the Project vicinity is traffic noise from SR 99 and adjacent roadways, which would not affect the Project. There are no other known types of noise in the Project vicinity that would affect the Project.

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)?**

   During construction, noise would be associated with demolition activities such as jack hammering, backhoes/excavators removing debris, and trucks hauling debris. Diesel engines are also a typical noise source from construction equipment. Construction activities would occur during daytime hours. No long-term noise would be associated with the site after the building is demolished and the site is graveled.

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

   All demolition work would be done during the day to reduce noise impacts to surrounding residents. The Project would follow the noise requirements as specified in the City of Seattle Noise Control Ordinance per Seattle Municipal Code 25.08.

## 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.**

   The building is currently vacant; however, prior to discovery of the cracking and structural issues in September 2022, it was used by WSDOT as office space for the SR 520/I-5 Express Lanes Connection Project and the AWV Replacement Program. It has also been used to store excess furniture and office supplies.

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?**

   No.

   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.

c. **Describe any structures on the site.**

   There is one building on site that would be demolished as part of the Project. It is a two-story concrete building with 58,492 square feet, built in 1939. The construction class is reinforced concrete.

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

   Yes, the structure on site described in 8c would be demolished as part of the Project.

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

   The site is currently zoned as Industrial per the City of Seattle Department of Construction & Inspections (SDCI) Zoning Map. The parcel follows the border between Industrial zoning and Downtown zoning along the eastern edge, following 1st Avenue S.

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

   The Seattle 2035 Comprehensive Plan designates the site as Manufacturing Industrial Center; the eastern edge of the site along 1st Avenue S is designated as Urban Growth area.

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

   The site is not within a Shoreline Area.

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

Yes, per the SDCI GIS map the site is within a Liquefaction Prone Area - ECA5. There is no critical area designation by King County.

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

None.

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

None.

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

None needed.

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

Demolition of the building would not conflict with projected land uses and plans. There is no current plan for future development on the site.

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

None needed; there is no agricultural or forest lands of long-term commercial significance.

## 9. Housing

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

None.

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

None.

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

None.

## 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 structure that is currently on site would be removed; the Project does not include the construction of any structures following demolition.

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

There would be no obstruction of views in the immediate vicinity. Following demolition, there would be an alteration to the view from surrounding buildings. There would no longer be a building there to obstruct the street-level view between 1st Avenue S and Colorado Avenue S/SR 99 ramps.

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

None.

## 11. Light and Glare

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

There would be no excess light or glare produced during demolition, and no nighttime work is proposed. At the hours of dawn and dusk there would be lighting used at the demolition site.

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

No.

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

None.

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

None.

## 12. Recreation

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

There are two stadiums adjacent to the Project area that are used for sporting events, concerts, and conventions. There are no other recreational resources within a 0.5-mile radius of the demolition site.

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

No, there would be no displacement of existing recreational uses as a result of the Project.

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

Sidewalk and lane closures during construction may have a temporary effect on bicyclists and also a limited impact to parking if lanes are closed on game days, temporarily removing 12 parking spaces.

Bicyclists traveling southbound would be detoured to adjacent blocks or would use traffic lanes temporarily as bicycle lanes. Additional parking is available in the area.

## 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.**

The building at 1051 1st Avenue S was identified as National Register of Historic Places (NRHP) eligible in November 2022.

There are three additional properties within 200 feet of the site that have been determined as eligible for listing in historic registers according to the Department of Archeology and Historic Preservation WISAARD database. The sites are listed below:

- 1022 1st Avenue S, Seattle, WA 98134, E.O. Graves Building, which was built in 1908 by Adkinson Construction Co., with the architect James E. Blackwell. It has been determined to meet criteria for the National Register of Historic Places (NRHP) due to the architecture.

- 1014 1st Avenue S, Seattle, WA 98134, M. F. Backus Warehouse was built in 1907 by the architect James E. Blackwell. It has been determined to meet the NRHP criteria.
- 1000 1st Avenue S, Seattle, WA A.L. Palmer Building was built in 1910 by George C. Dietrich, who is listed as the builder and architect. The building is included on the NRHP and the Washington Heritage Register under A, B, and C criteria, with local significance.

These three buildings are within the Pioneer Square Preservation District but are not within the boundaries of the NRHP historic district.

Additionally, the work is within the horizontal boundary of the Dearborn South Tidelands site (45KI924), an archaeological site that was determined eligible for listing in the NRHP in 2009. While the work is likely too shallow to disturb intact site deposits, there is a chance that some intact building foundation remnants might be encountered beneath the ground floor concrete slab. WSDOT is applying for a permit from the Department of Archaeology and Historic Preservation and plans to monitor all ground disturbing activities during construction.

**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 1051 building is located on the Dearborn South Tidelands site (45KI924) and within the traditional territory of the Duwamish Tribe. WSDOT has consulted with five federally recognized tribes (Muckleshoot, Snoqualmie, Suquamish, Stillaguamish, Tulalip) and the Duwamish Tribal Organization on this project. Ground disturbance activities are expected during the vactoring of existing utilities, sidewalk replacement, and the removal of the concrete slab currently on site, but are not expected to be deeper than 10 feet; these will be within the horizontal footprint of the 45KI924 archaeological site boundary, but are expected to be within sediments previously disturbed by construction of the extant building and utilities. The 45KI924 archaeological sites was extensively tested as part of the Section 106 review for the larger AWV Program. The site was determined eligible in 2009, and data recovery excavations took place in 2010 in order to resolve adverse effects from the Holgate to King Project (Schneyder, Cascella, and Elder 2011). An Archaeological Treatment Plan was developed for both the Holgate to King Project as well as the Alaskan Way Viaduct Replacement Project; both plans required monitoring during construction. Multiple monitoring reports were developed outlining the observed archaeological materials within the site boundary, but no additional significant deposits requiring further treatment were identified.

| Author | Date | NADB[1] | Title | Distance from Current Project APE | Findings Relevant to the Current Project |
|---|---|---|---|---|---|
| Yamamoto, C. and A. Valentino | 2019 | 1694925 | SR 99 Bored Tunnel Project, Seattle, King County, Washington – Archaeological Monitoring Report | Within | Summarizes construction monitoring observations within 45KI924 archaeological site boundary |
| Reed, P. | 2012 | 1683022 | Cultural Resources Monitoring Report SR 99 South Holgate Street to South King Street Viaduct Replacement Project Archaeological Monitoring Stage 2 Seattle, King County, Washington | Within | Summarizes construction monitoring observations within 45KI924 archaeological site boundary |
| Schneyder, S., M. Cascella, and T. Elder | 2011 | 1680616 | Data Recovery Report for Site 45KI924, Seattle Washington for the SR99 Alaskan Way Viaduct Moving Forward Project | Within | Environmental and Historical Context, observations during data recovery and recommendations for future work within the site boundary |
| Schneyder et al. | 2011 | n/a | SR 99: Alaskan Way Viaduct Replacement Program Revised Archaeological Treatment Plan | Within | Environmental and Historical Context, summary of past work and archaeological potential, recommendations for future work within the site boundary |
| Cascella, M. et al. | 2010 | 1354895 | Cultural Resources Monitoring Report, SR 99 South Holgate Street to South King Street Viaduct Replacement Project Archaeological Monitoring Stage 1 Seattle, King County, Washington | Within | Summarizes construction monitoring observations within 45KI924 archaeological site boundary |
| Valentino, A. et al. | 2010 | 1353931 | SR99: Alaskan Way Viaduct & Seawall Replacement Program, Results of Monitoring for the AWV Electrical Line Relocation Project | Within | Summarizes construction monitoring observations within 45KI924 archaeological site boundary |
| Sheridan, M. | 2008 | 1351449 | SR 99: Alaskan Way Viaduct & Seawall Replacement Program: Section 106 Technical Report Historical Resources S. Holgate Street to King Street Viaduct Replacement Project | Within | Documentation and initial determination of eligibility for built environment resources within the APE |
| Hudson, L. | 2007 | 1350966 | Archaeological Resources and Traditional Cultural Places Technical Memorandum for the SR 99: Alaskan Way Viaduct & Seawall Replacement Program Electrical Utilities Relocation Project-Phase 1 | Within | Environmental and Historical Context |

| Author | Date | NADB[1] | Title | Distance from Current Project APE | Findings Relevant to the Current Project |
|---|---|---|---|---|---|
| NWAA | 2006 | 1347441 | Geoarchaeological Examination of Solid-Core Geoprobes: Alaskan Way Viaduct and Seawall Replacement Project | Within | Environmental and Historical Context, information on archaeological probability around project area |
| Gillis, N., D. Lewarch, and L. Larson | 2005 | 1348804 | SR 99 Alaskan Way Viaduct & Seawall Replacement Project, Archaeological Monitoring and Review of Geotechnical Borings from South Spokane Street to Battery Street Tunnel | Within | Environmental and Historical Context, information on archaeological probability around project area |

[1] – National Archeological Database (NADB)

**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.**

WSDOT reviewed the DAHP WISAARD database as well as past cultural resources reports that cover the project footprint and area of potential effects (APE). A cultural resources report was written that summarizes likely effects from the project based on the archaeological data that has been obtained as part of the larger AWV project, as well as updating historic property inventory forms for built environment resources within the APE. In addition to DAHP, the Duwamish Tribal Organization, Muckleshoot Tribe, Snoqualmie Tribe, Stillaguamish Tribe, Suquamish Tribe, and Tulalip Tribes have been consulted on this project as well as interested stakeholders from the AWV Program such as the City of Seattle, the Alliance for Pioneer Square, King County Historic Preservation program, and Historic Seattle. Consultations have included eligibility determination, effects determination, and potential mitigation. DAHP concurred that the project would have an adverse effect due to the demolition of the NRHP eligible 1051 building in December 2022.

**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.**

Mitigation measures had been identified in consultation with DAHP to adequately address adverse effects to the 1051 Building. Measures include documenting the building's architectural details to DAHP Level II standards, commissioning an article about the building's history on HistoryLink.com, funding to support future preservation efforts through DAHP's WISAARD GIS database, and producing an embodied carbon report estimating carbon costs for the demolition and for the hypothetical LEED certified replacement of the Westinghouse Electric Supply Co. The other three buildings would not be directly affected by the project, other than minor changes to setting.

An Archaeological Excavation Permit would be obtained, and archeological monitoring is planned during ground disturbance activities. A Certificate of Approval will be needed from the Pioneer Square Preservation Board due to the sidewalk work east of the building.

## 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 site is adjacent to 1st Avenue S and the Alaskan Way Tunnel entrance to SR 99. Interstate 5 (I-5) is less than 0.5 mile from the site. The site would be accessed using city streets, including S Royal Brougham Way, 1st Avenue S, and Colorado Avenue S. Construction access is not anticipated to lead to additional traffic or closures outside of previously listed lane and sidewalk closures.

**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 nearest transit stops are approximately 0.2 mile from the site. Both stops are served by King County Metro.

| Location | Stop ID | Routes |
|---|---|---|
| Edgar Martinez Dr S & Occidental Ave S | 15204 | 21 |
| 1st Ave S & S Atlantic Street | 15201 | 21 |

**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).**

No.

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

No.

**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.

**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.**

No.

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

Demolition would be completed beginning at the western edge of the site, which would reduce the need for lane and sidewalk closures throughout the duration of the Project.

## 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.**

No.

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

None.

## 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.**

There would be no utilities on site following demolition. Current utilities on site would be fully disconnected; following the submission of the demolition permit the contractor would work with the City of Seattle and the utility providers to plan this process.

## 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.**

**Signature on file with WSDOT**

X

SEPA Responsible Offical

**Type name of signee: Margaret Kucharski**

**Position and agency/organization: Megaprograms Environmental Manager**

**Date submitted: 3/6/2023**

# ATTACHMENT 1

# Figures

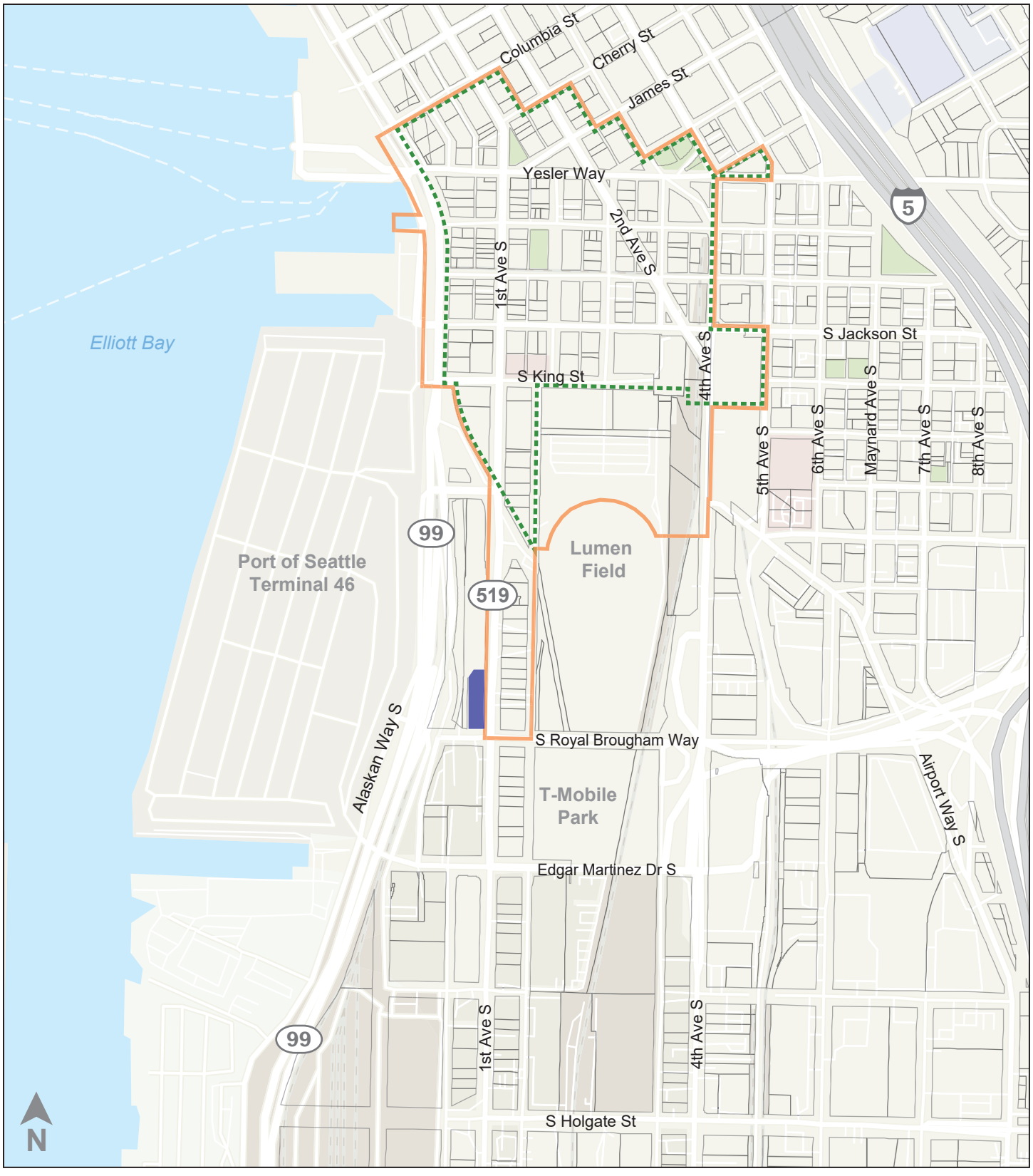


**Figure 1.**
**1051 Building Vicinity Map**

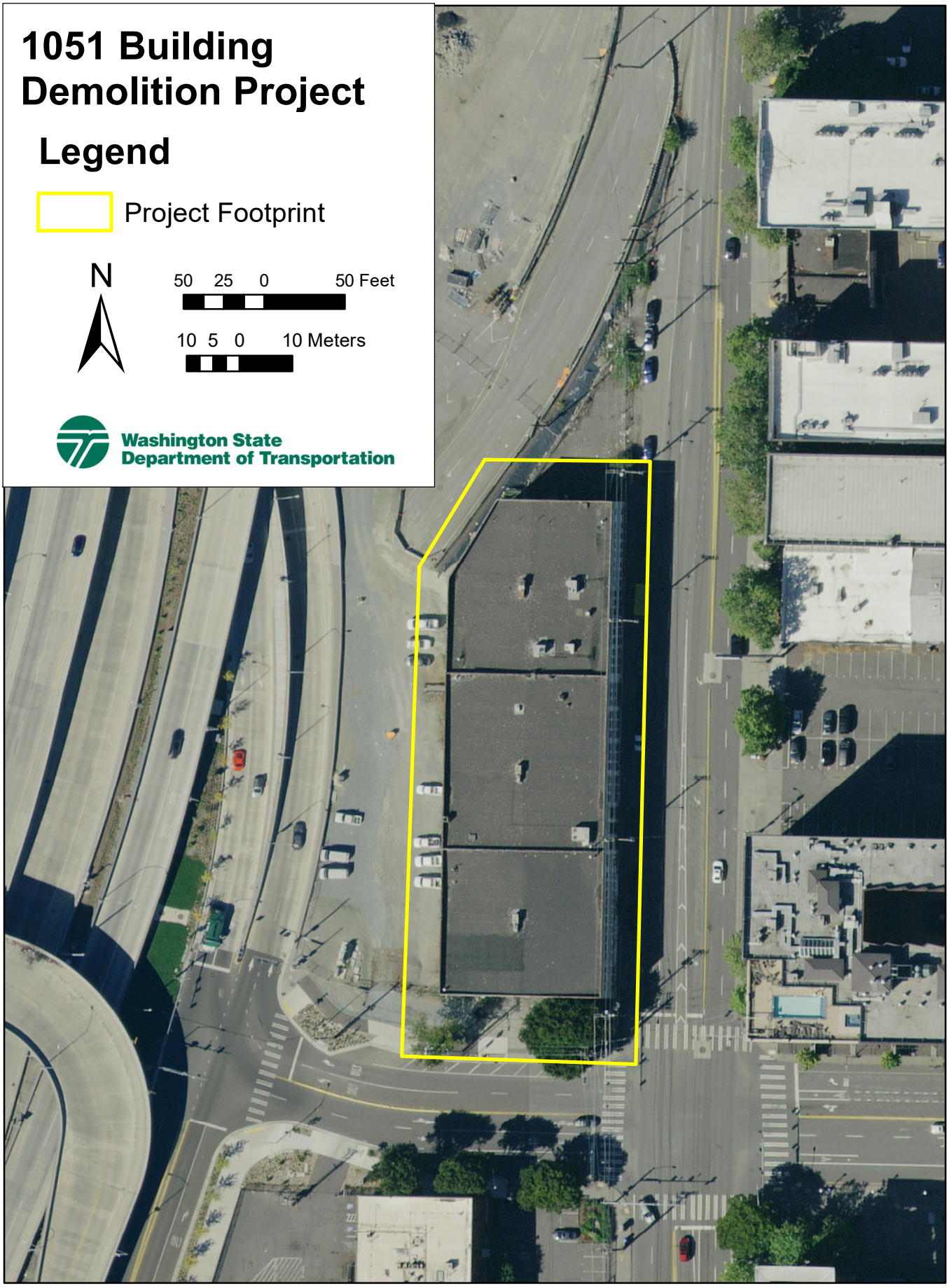


**Figure 2.**
**1051 Building Project Footprint**