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. <u>You may use "not applicable" or</u> <u>"does not apply" only when you can explain why it does not apply and not when the answer is unknown</u>. 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 <u>all parts of your proposal</u>, 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 nonproject proposals:

For nonproject proposals (such as ordinances, regulations, plans and programs), complete the applicable parts of sections A and B plus the <u>SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS (part D)</u>. 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: DES-Campus Security Wedge Barrier
- 2. Name of applicant: Washington State Department of Enterprise Services

3. Address and phone number of applicant and contact person: Majid Jamali, 360-407-7921, 1500 Jeffferson Street, MS 41476, Olympia, WA 98504

4. Date checklist prepared: January 2022

5. Agency requesting checklist: Washington State Department of Enterprise Services

6. Proposed timing or schedule (including phasing, if applicable): Construction schedule: September 2022 – June 2023

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain. None

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal. A qualified professional arborist review and provide Tree Protection measures and inspections of potential trees impacted by this project.

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 known applications pending for governmental approval directly affecting the work covered in this proposal.

10. List any government approvals or permits that will be needed for your proposal, if known. City of Olympia construction 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.) This project is to construct security vehicle barriers at two separate locations at the West Capitol Campus in Olympia. One location is at the intersection of Sid Snyder Way and Columbia Street SW. Another location is at the intersection of 11th Avenue SW and Water Street SW. Warning signals, detour signage, and security cameras for operation of the vehicle barriers are also included.

The project site at each location is small. It takes approximately 10 feet across the entire street to install the vehicle barriers at each location.

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. One location is at the intersection of Sid Snyder Way and Columbia Street SW with site coordination of 47.036699, -122.906268. Another location is at the intersection of 11th Avenue SW and Water Street SW in Olympia, Washington with site coordination of 47.037850, -122.903278.

B. Environmental Elements [HELP]

1. Earth [help]

a. General description of the site: The sites are flat on paved streets.

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

- What is the steepest slope on the site (approximate percent slope)? Based on GIS data from GoogleEarth, the entire project area is a relatively flat road with slopes in the 1%-3% range.
- 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. No geotechnical investigation has been performed for this project. According to Geotech report from adjacent Newhouse site the soils encountered were silt with fine sand and discontinuous lenses of silty fine sand in a stiff to hard and medium dense to very dense and moist condition. Soil data from past projects in the West Capitol Campus indicates that the surficial soil on these sites are likely silt to silty sand.

According to the Cal SoiWeb, the area is mapped as Skipopa silt loam <u>https://casoilresource.lawr.ucdavis.edu/gmap/</u>

According to the USGS Websoil Survey the area is mapped as Skipopa silt loam. https://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx

- d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe. No such indications at the Sid Snyder Way and Columbia Street SW intersection. At the Water Street SW and 11th Avenue SW location, the site is located adjacent to a steep slope that was reported unstable. The project area for this location is entirely flat, and no earthwork is proposed within 50' of the top of this slope.
- 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. Detailed cut and fill earthwork estimates are not available at this point. Preliminary estimate is that approximately 20 CY excavation at each location is required for the vehicle barrier installation. Minimal gravel fill is expected. The vehicle barriers will be casted in concrete that fills up the excavated area.
- f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe. Potential temporary erosions could happen during project construction. Temporary erosion and sediment control measures such as CB inserts will be developed and applied during construction.

Erosion will not occur after construction completion. The disturbed areas will have permanent pavement or vegetation covers.

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

The project site is considered entirely within the currently paved road. The same portion of the site will be covered with impervious surfaces after project construction as before.

- h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any: See 1.f.
- 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. None unusual emissions are expected.

b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe. No offsite sources of emissions or odor that may affect this proposal are known.

- c. Proposed measures to reduce or control emissions or other impacts to air, if any: Not applicable.
- 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. No.
 - 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 closest water body known is the Capitol Lake, which is approximately 500 feet away from the Water Street & 11th Ave location.
 - 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.
 - 4) Will the proposal require surface water withdrawals or diversions? Give 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. According to the FEMA website, the project 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.

- b. Ground Water: [help]
 - 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. No. No groundwater will be withdrawn or be discharged to.
 - 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. Not applicable.
- c. Water runoff (including stormwater):
 - 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. The source of runoff on the project locations is storm water. The project will not collect any runoff or change the existing runoff patterns.

2) Could waste materials enter ground or surface waters? If so, generally describe. No.

3) Does the proposal alter or otherwise affect drainage patterns in the vicinity of the site? If so, describe. No.

d. Proposed measures to reduce or control surface, ground, and runoff water, and drainage pattern impacts, if any: Temporary erosion control measures such as catch basin inserts will be install during construction. No change to existing runoff pattern after construction.

4. Plants [help]

- a. Check the types of vegetation found on the site:
 - _____deciduous tree: alder, maple, aspen, other
 - ____evergreen tree: fir, cedar, pine, other
 - ____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?

No vegetation will be removed. Impacted vegetation for utility trenches will be restored.

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

According to WA DNR geodata, and the US Fish and Wildlife Service Information for Planning and Consultation, there are no listed threatened or endangered plant species known to be on or near the site.

https://www.dnr.wa.gov/natural-heritage-program

https://ecos.fws.gov/ipac/

d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any: Not applicable

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

No invasive weeds occur on the paved project site. According to the WSDA State Noxious Weed Data Viewer and EDDmaps.org, there are no noxious or invasive plant species listed or known to be on or near the project site. That said, slopes near the project are known to contain common noxious weeds including English ivy (Hedera helix) and Himalayan blackberry (Rubus armeniacus). Nearby areas of the Capitol Campus also contain Canada thistle (Cirsium arvense).

https://www.nwcb.wa.gov/

https://www.eddmaps.org/tools/query

5. Animals [help]

a. <u>List</u> any birds and <u>other</u> 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 _____

mammals: (onsite) racoon, opossum, squirrel, deer, bats

birds: (near – wooded slopes to capitol lake) songbirds, great blue heron, osprey, bald eagle, red tailed hawk, and waterfowl (mallards, gadwalls, wigeons, scaups, buffleheads, ruddy ducks, ringnecked ducks, goldeneyes, pintail, hooded merganser, cormorant, seagull) – According to e.birds and WDFW Priority Habitats and Species mapping tool.

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

According to the WDFW Priority Habitats and Species mapping tool, no threatened or endangered species are on or near the site. Three species considered sensitive in Washington state are mapped in the vicinity – big brown bat (Eptesicus fuscus), little brown bat (Myotis lucifugus), and yuma myotis (Myotis yumanensis). The existing project site (asphalt parking lot) does not provide essential habitat for these species, nor would the quality of habitat change as a result of this proposal. The wooded slopes below the project site are considered a biodiversity area and corridor, due to their use by Myotis bats, bald eagles, ospreys, and great blue herons.

According to the US Fish and Wildlife Service (USFWS) IPaC tool, three bird species and two pocket gopher federally listed as 'threatened' may use this area: the marbled murrelet, the streaked horned lark, and the yellow-billed cuckoo; and the Olympia and Yelm pocket gophers. However, marbled murrelet seldom visits the South Puget Sound, and its critical habitats are in the Olympic Peninsula; the yellow billed cuckoo had not been observed in WA state for many years and may be extirpated in WA state; and the streaked horned lark depends on prairie habitats in Thurston County, and is not known to occur nearby. Pocket gophers require vegetation to feed on, and would not occur under paved areas such as the project site.

http://apps.wdfw.wa.gov/salmonscape/

http://apps.wdfw.wa.gov/phsontheweb/

c. Is the site part of a migration route? If so, explain. Washington State is part of the Pacific Flyway migratory bird route. https://www.perkypet.com/articles/pacific-flyway-migration

d. Proposed measures to preserve or enhance wildlife, if any: There are no anticipated impacts to wildlife.

e. List any invasive animal species known to be on or near the site. According to the eddsmaps.org website, there are no known invasive animal species known to be on or near the project site. https://www.eddmaps.org/tools/query

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. Electric – deployment of the wedge barriers as necassury.

- b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe. No, the project is not anticipated to affect potential 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: Not applicable.

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. There are no known environmental health hazards that could occur as a result
of this project

1) Describe any known or possible contamination at the site from present or past uses. According to Ecology's "Facility/Site database" and Ecology's "What's in My neighborhood" map, there is no known contamination onsite from present or past uses. According to Dirt Alert mapping, the project site is outside of the Tacoma Smelter Plume influence zone. https://fortress.wa.gov/ecy/neighborhood/

https://apps.ecology.wa.gov/dirtalert

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.

According to the National Pipeline Mapping Service, there are no hazardous liquid or gas transmission lines on or near the site.

https://pvnpms.phmsa.dot.gov/PublicViewer/

- 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. Not applicable.
- 4) Describe special emergency services that might be required. Not applicable
- 5) Proposed measures to reduce or control environmental health hazards, if any: Environmental health hazards are not anticipated as a part of this project.

b. Noise

1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)? None

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.

Short-term construction noise will result from machinery used for site preparation and construction of the proposed wedge barriers, and would occur during hours permitted by the City of Olympia (per OMC 18.40.080 Protection Standards). No noise will be expected long-term from operation of the wedge barriers.

3) Proposed measures to reduce or control noise impacts, if any: Construction noises will be required to meet the local noise control ordinance.

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 proposal will not affect current land uses on nearby or adjacent properties.
- 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 nonfarm or nonforest use? No, the project site has not been used as working farmands.
 - 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:<u>No</u>
- c. Describe any structures on the site. None
- d. Will any structures be demolished? If so, what? No.
- e. What is the current zoning classification of the site? According to the City of Olympia zoning maps, the project site is zoned as State Capitol Campus. The Washington State Capitol Committee alone has authority over land use for the State Capitol Campus.
- f. What is the current comprehensive plan designation of the site? The City of Olympia Comprehensive Plan's Future Land Use map shows the project site as road.
- g. If applicable, what is the current shoreline master program designation of the site? Not applicable. According to Thurston County GeoData, the project area is outside of shoreline jurisdiction.

- h. Has any part of the site been classified as a critical area by the city or county? If so, specify. None.
- i. Approximately how many people would reside or work in the completed project? Not applicable
- j. Approximately how many people would the completed project displace? Not applicable
- k. Proposed measures to avoid or reduce displacement impacts, if any: Not applicable
- L. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any: Not applicable, project is not impacting any land use.
- m. Proposed measures to reduce or control impacts to agricultural and forest lands of long-term commercial significance, if any: Not applicable, there are no anticipated impacts to agricultural or forest lands of long-term significance.

9. Housing [help]

- a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing. Not applicable
- b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing. Not applicable
- c. Proposed measures to reduce or control housing impacts, if any: Not applicable

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? Not applicable
- b. What views in the immediate vicinity would be altered or obstructed? Not applicable
- c. Proposed measures to reduce or control aesthetic impacts, if any: Not applicable

11. Light and Glare [help]

- a. What type of light or glare will the proposal produce? What time of day would it mainly occur? Not applicable
- b. Could light or glare from the finished project be a safety hazard or interfere with views? Not applicable

- c. What existing off-site sources of light or glare may affect your proposal? Not applicable
- d. Proposed measures to reduce or control light and glare impacts, if any: Not applicable

12. Recreation [help]

a. What designated and informal recreational opportunities are in the immediate vicinity? Not applicable

b. Would the proposed project displace any existing recreational uses? If so, describe. Not applicable

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

Not applicable

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.

Project site is on paved road and there are no historic buildings on the project site. According to the Department of Archaeology and Historic Preservation (DAHP), Newhouse building with over 45 years old (not national historic registered) is adjacent to project site which will be under development as part of Legisative Campus Modernization project. https://wisaard.dahp.wa.gov/

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.

According to the WISSARD Predictive Model, the project site shows a Very High Risk to contain environmental factors with archaeological resources. <u>https://wisaard.dahp.wa.gov/</u>

- 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.
 There will be consultation with DAHP and Tribe prior to construction.
- 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.
 An inadvertent discovery plan, as required by DAHP, will be in place and accessible to construction personnel. During construction all work will comply with the City of Olympia code

regarding inadvertent discoveries of cultural resources. In the event that cultural resources are unearthed, construction will stop until an assessment and determination can be made.

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. Not applicable
- 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? Not applicable
- c. How many additional parking spaces would the completed project or non-project proposal have? How many would the project or proposal eliminate? Not applicable
- 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). Not applicable
- e. Will the project or proposal use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe. Not applicable
- 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 nonpassenger vehicles). What data or transportation models were used to make these estimates? Not applicable
- 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. Not applicable
- h. Proposed measures to reduce or control transportation impacts, if any: Not applicable

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. No.
- b. Proposed measures to reduce or control direct impacts on public services, if any. Not applicable

16. Utilities [help]

 a. Circle utilities currently available at the site: electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other ______

Electricity, natural gas, water, refuse service, telephone, and sanitary sewer area available on site

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. Electrical power and control systems will be extended to the project locations for operation of the vehicle barriers from the adjacent existing facilities closest to these locations. Shallow and small trenching will be required for the intallaton of the electrical and control systems.

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:	Majid Ja	mali
Name of signee	Majid Jamali	
Position and Agency/Organization Project Manager, DES		
Date Submitted:	6/3/2022	

D. Supplemental sheet for nonproject actions [HELP]

(IT IS NOT NECESSARY to use this sheet for project actions)

Because these questions are very general, it may be helpful to read them in conjunction with the list of the elements of the environment.

When answering these questions, be aware of the extent the proposal, or the types of activities likely to result from the proposal, would affect the item at a greater intensity or at a faster rate than if the proposal were not implemented. Respond briefly and in general terms.

1. How would the proposal be likely to increase discharge to water; emissions to air; production, storage, or release of toxic or hazardous substances; or production of noise?

Proposed measures to avoid or reduce such increases are:

2. How would the proposal be likely to affect plants, animals, fish, or marine life?

Proposed measures to protect or conserve plants, animals, fish, or marine life are:

3. How would the proposal be likely to deplete energy or natural resources?

Proposed measures to protect or conserve energy and natural resources are:

4. How would the proposal be likely to use or affect environmentally sensitive areas or areas designated (or eligible or under study) for governmental protection; such as parks, wilderness, wild and scenic rivers, threatened or endangered species habitat, historic or cultural sites, wetlands, floodplains, or prime farmlands?

Proposed measures to protect such resources or to avoid or reduce impacts are:

5. How would the proposal be likely to affect land and shoreline use, including whether it would allow or encourage land or shoreline uses incompatible with existing plans?

Proposed measures to avoid or reduce shoreline and land use impacts are:

6. How would the proposal be likely to increase demands on transportation or public services and utilities?

Proposed measures to reduce or respond to such demand(s) are:

7. Identify, if possible, whether the proposal may conflict with local, state, or federal laws or requirements for the protection of the environment.