

SEPA ENVIRONMENTAL CHECKLIST

Purpose of checklist:

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

Instructions for applicants:

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

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

Instructions for Lead Agencies:

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

Use of checklist for nonproject proposals:

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

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

1. Name of proposed project, if applicable:

Stewart Road Improvements/Stewart Road Bridge Replacement

2. Name of applicant:

City of Sumner: Michael Kosa, Associate City Engineer

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

City of Sumner
Attn: Michael Kosa
1104 Maple St, Ste 260
Sumner, WA 98390
(253) 299-5709

4. Date checklist prepared:

March 19, 2020

5. Agency requesting checklist:

City of Sumner

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

The Stewart Road Bridge Replacement project is planned for construction to begin January of 2023 and will last for 5 years. The Stewart Road Improvements project is planned for construction to begin summer of 2020, plantings to occur by the fall of 2021, and the project wrapping up by December of 2021.

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

There are no plans for future additions, expansion, or further activity related to or connected to this proposal.

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

Cultural Resources Assessment (February 2006) (Stewart Road Improvements)
Cultural Resources Assessment (December 2018) (Stewart Road Bridge)
Geotechnical Report (October 2018)
Flood memo and approval. Approved on 4/16/19 (Stewart Road Bridge)
Hazmat report and approval. Approved on 12/19/18. (Stewart Road Bridge)
Noise report and approval. Approved on 9/10/18. (Stewart Road Bridge)
Public outreach memo and approval. Approved on 2/3/20. (Stewart Road Bridge)
EJ memo. Approved 1/29/19 (Stewart Road Bridge)
ROW EJ (October 2016) (Stewart Road Bridge)
ROW Hazmat (October 2016) (Stewart Road Bridge)
ROW Section 106 Memo (October 2016) (Stewart Road Bridge)
DHAP concurrence 1/23/19. (Stewart Road Bridge)
BA. Waiting on BiOps from Services but sent in February 2019. (Stewart Road Bridge)

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 applications pending for governmental approvals of other proposals directly affecting the property covered by your proposal.

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

Local Clearing and Grading
Shoreline Permit
NPDES
HPA
Section 401 Water Quality Certification

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.)

The Stewart Road Improvements project will complete the segment of Stewart Road SE from Valentine Avenue SE to the easterly edge of Butte Avenue SE, near the future bridge abutment. Roadway improvements West of the proposed project have been completed by the City of Pacific’s 136th Avenue E / Valentine Ave SE Corridor Improvement Project and the Stewart Road/Thornton Avenue Improvements project. This project will widen the existing roadway from 2 lanes to 4-5 lanes and construct curb and gutter, sidewalks, planter strips, new luminaires, signalization, and a center median. Additional paving and widening will also occur on Butte Avenue SE north of the intersection which includes driveway improvements to adjacent properties.

The Stewart Road Bridge Replacement project proposes to replace the existing 232-foot long concrete tee beam bridge across the White River on Stewart Road (8th Street). The bridge will be replaced with a 327-foot long standard pre-cast and pre-stressed concrete girder bridge in the same location as the existing river crossing. The existing bridge consists of two 12-foot travel lanes with no shoulders or pedestrian facilities. The proposed bridge will consist of two 12-foot center lanes and two 15-foot outer lanes to accommodate both motorized and bicycle traffic. The approach road on either side will be widened, repaved, and lane lines adjusted for the transition from 2 to 4 lanes. The approach road to the west will include left and right turn lanes as well as a thru-traffic lane. This project is to be completed before the Stewart Road Bridge Replacement Project and it will continue the four lanes of traffic west of the Stewart Road Project limits. A 10-foot shared use path, with a 2-foot buffer on each side, on the north side of the proposed bridge and a 6.5-foot sidewalk on the south side of the proposed bridge will also be added to provide pedestrian facilities that are currently lacking.

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 is located within the Cities of Pacific and Sumner in the legal geographic area of township 20 North, range 4 East, section 1. The project will occur on Stewart Rd SE/8th St E, with its western terminus being Valentine Ave SE and its eastern terminus being 140th Ave Ct E.

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

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

a. General description of the site:

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

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

3%

- 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.

According to the USDA's Web Soil Survey, the project area is composed of 2.5% Aquic Xerofluvents and 97.5% Puyallup fine sandy loam. The Aquic Xerofluvents area is classified as "farmland of statewide importance," and the Puyallup fine sandy loam is classified as "all areas are prime farmland." However, the project area and surrounding area is developed for industrial purposes and is not agricultural land.

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

There are no surface indications of unstable soils in the immediate vicinity. The project area is within an area of moderate to high risk of liquefaction in a seismic event according to the Liquefaction Susceptibility Map of Pierce County, WA released in September of 2004.

- 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.

For the Stewart Road Improvements project, clearing and grubbing will occur over a ~1.25-acre area. To complete the roadway widening, ~14,400 CY of fill and ~2,800 CY of excavation will be necessary. 190 CY of excavation will be required for four 6-foot-diameter drilled shafts.

For the Stewart Road Bridge Replacement project, clearing and grubbing will occur over a ~3.97-acre area. General site cut and fill will amount to 3 and 13,353 CY respectively. 5,236 CY will be excavated for the shafts. 1,871 CY will be excavated for the coffer cells. 2,741 CY will be excavated for wall excavation. 18,519 CY will be excavated for ground improvements.

The imported fill will be sourced from commercial pit.

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

Erosion may occur during clearing, grubbing, and excavation. To mitigate this, an Erosion and Sediment Control (ESC) Plan and temporary erosion and sediment control (TESC) plan with best management practices (BMPs) will be in place.

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

The project area will be covered ~78% in impervious surfaces.

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

An ESC plan will be utilized for this project which will include both structural and non-structural BMPs. Structural BMPs may include installation of silt fences, rock check dams in existing ditches, and placement of catch basin inserts in existing catch basins. Non-structural BMPs may include planning and design, routine inspections, and routine maintenance.

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.

During construction dust may be generated due to construction activities, wind erosion, and traffic over unpaved surfaces. Carbon emissions may be generated due to construction machinery, workers driving to and from the job site, and increased congestion due to construction activities.

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

There are no known off-site sources of emissions or odor that may affect this proposal.

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

Water will be used on loose soil and unpaved surfaces to reduce dust. Sweeping of adjacent streets will also help reduce dust. To reduce carbon emissions, machinery will be turned off when not in use.

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

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

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

The White River runs below the Stewart Road Bridge. A Category II Wetland is located north of Stewart Road Between Butte Avenue and the White River. A White River backchannel is also located along the Wetland. A jurisdictional ditch is located ~0.3 miles west of the project's western terminus. This ditch eventually flows to the White River.

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

The widening project proposes installation of a stormwater line, installation of a stormwater outfall, installation of a sanitary sewer line, paving, illumination, signalization, and signage within 200 feet of the White River. The bridge replacement will involve the complete demolition and replacement of the Stewart Road Bridge over the White River. This will be done from a temporary work bridge that will involve the driving and extracting of 102, 24-inch pipe piles to support the work bridge. Additionally, temporary cofferdams will be installed in the river for the installation of the two in-water piers. Utilities will be hung from the bridge, directionally drilled below the river, and relocated on power poles to cross the river. Paving for approach roads, walls, and ground improvements will occur within the shoreline jurisdiction as well. To facilitate overhead utility relocations, 13 trees will be removed from the Category II Wetland. These trees will be replaced at a 3:1 ratio.

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

No dredge material will be removed from surface water or wetlands. ~192 SF of cobbles will be placed below the OHWM for an outfall pad. ~0.9 acres of substrate will be temporarily impacted by temporary pipe piles and sheetpile.

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

This proposal will not require surface water withdrawals or diversions. The project will temporarily impact flow patterns in the White River with the pipe pile and sheetpile installations. There will be a net decrease in in-water piers, from 3 to 2, as a result of this project.

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

The project does not propose to discharge any waste material to surface waters.

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

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

No groundwater will be withdrawn for this project.

- 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.

Drilled shaft water will be treated in baker tanks and discharged for bridge project and foundations for lights and signals on both projects. High water table may require pumping for wall placement. Ground improvement will have water run-off that needs to be contained and treated.

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.

Roadway runoff is a source of runoff associated with this project. A stormwater conveyance system is proposed in this project. Catch basins will collect water which will flow in an underground closed conveyance system. Stormwater will be treated with modular wetlands before flowing to outfall ditches to the White River.

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

Drilled shaft water will be treated in baker tanks and discharged for bridge project and foundations for lights and signals on both projects. High water table may require pumping for wall placement. Ground improvement will have water run-off that needs to be contained and treated.

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

A new backflow valve will be installed on Butte Ave and a new outfall will be installed on the east side of the bridge.

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

The stormwater conveyance system described above is a proposed measure to reduce runoff impacts. Stormwater conveyance and treatment will fulfill the requirements of the Washington State Department of Ecology's (WSDOE) Stormwater Management Manual for Western Washington (SWMMWW).

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

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

- deciduous tree: alder, maple, aspen, other dogwood, cottonwood
- 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: weeds

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

For the Stewart Road Improvements project, there will be ~1.25 acres of clearing necessary for the project. The majority of vegetation removed will be grass and weeds. Within the clearing area 5 cottonwood trees, and 4 shrubs will need to be removed. All of the trees to be removed are provide no functional habitat as they are surrounded by developments. The shrubs are part of Valley Construction Supply Inc's entrance landscaping and also provide no functional habitat.

For the Stewart Road Bridge Replacement project, ~1.55 acres of mostly weedy and grassy vegetation will be temporarily impacted and reseeded upon completion. ~0.19 acres of permanent vegetation removal will occur. The majority of this the clearing area will be weedy and grassy vegetation. 55 trees will be removed within these limits. These are made up of cottonwood and dogwoods. The permanent White River buffer vegetation will be mitigated at a minimum 3:1 ratio with the planting of native trees including Douglas fir and western red cedar. Felled trees may be utilized as large woody debris (LWD) as well

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

There are no threatened or endangered species 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:

9 afterburner tupelos (*Nyssa Sykvatica*) will be planted on the north side of Stewart Rd and an irrigation system will be constructed to water them.

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

Himalayan blackberry (*Rubus armeniacus*)
Common tansy (*Tanacetum vulgare*)

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

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

Examples include:

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

mammals: deer, bear, elk, beaver, other racoon, opossum, other small rodents

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

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

Bull trout (*Salvelinus confluentus*), Chinook salmon (*Oncorhynchus tshawytscha*), steelhead trout (*Oncorhynchus mykiss*), marbled murrelet (*Brachyramphus marmoratus*), streaked horned lark (*Eremophila alpestris strigata*), yellow-billed cuckoo (*Coccyzus americanus*), and North American wolverine (*Gulo gulo luscus*) are all listed as potentially present in the Biological Assessment (BA) for the Stewart Road Bridge Replacement project. Suitable habitat for marbled murrelet, streaked-horned lark, yellow-billed cuckoo, and North American wolverine does not exist within the project vicinity.

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

The site is part of the Pacific Flyway. Most of Washington State is.

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

There are no proposed measures to enhance wildlife. Wildlife impact minimization measures include following:

- The use of a bubble curtain during in-water impact pile driving
- The implementation of a SPCC plan, TESC plan, and SWPPP
- Containment structures below the bridge and coffer cells surrounding piers to stop debris from entering the river and to protect fish from entering in-water work areas
- The use of vegetable-based hydraulic fluid for in-water work equipment
- Following the approved in-water work window
- Limiting the number of pile strikes per day

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

There are no known invasive animal species known to be on or near the site.

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.

Electricity will be used for new roadway illumination and signalization.

- b. Would your project affect the potential use of solar energy by adjacent properties?

If so, generally describe.

This project will not affect potential use of solar energy on 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:

Luminaires will use LED bulbs.

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 is a potential for petroleum product spills and concrete spills during construction.

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

The site of a construction easement and thin ROW take will occur is currently on the Washington State Department of Ecology's (WSDOE) Confirmed and Suspected Contaminated Sites List (CSCSL). Borings were drilled on this property and a visual sheen test was performed. It was determined that contaminants are not suspected at the boring locations.

- 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.

The site discussed above is a leaking underground storage tank (LUST) site. Within the project area there are sewer lines, gas valves, and asbestos concrete pipelines .

- 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.

Petroleum products and concrete will be stored and used on-site.

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

No special emergency services will be required for this project.

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

A Spill Prevention Control and Countermeasure (SPCC) plan will be developed for this project. Sewer and gas valves have been clearly marked in plans and the contractors will be instructed on where they are to avoid impacting those areas. The asbestos concrete pipeline has also been identified and will remain in place.

b. Noise

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

Traffic noise is the largest source of noise in the project vicinity. It will not 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.

Construction noise is anticipated to be a temporary noise impact. There is no long-term noise impact anticipated.

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

Measures to reduce construction noise including shutting off engines that are not in use and limiting the amount of impact tools.

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 current use of the site is legal ROW. Adjacent properties are commercial and industrial. ROW take and easements of some adjacent sites will be approved prior to construction.

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?

The project site has not been used as working farmlands or working forest lands.

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:

This proposal will not affect or be affected by surrounding working farm or forest land.

c. Describe any structures on the site.

The Stewart Road Bridge, 2 houses with one detached garage southeast of the bridge are located, and a wall adjacent to the Baptist Church east of the bridge with the project area.

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

The Stewart Road Bridge will be demolished and replaced as a result of this project. The two houses and garage will also be demolished. The wall adjacent to the Baptist Church will be partially removed and replaced.

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

The current zoning designations of the project area within the City of Pacific are Commercial and Light Industry. The current zoning designations of the project area within the City of Sumner are Heavy Industrial (M2) and Light Industrial (M1).

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

The current comprehensive plan designations of the project area within the City of Pacific are Commercial, Light Industrial, and Open Space. The current comprehensive plan designations of the project area within the City of Sumner are Light Industrial (M1) and Public-Private Utilities & Facilities (P).

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

The project is within an Urban Conservancy designated shoreline for Sumner and Pacific.

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

The site intersects a shoreline of the state.

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

No people will reside or work in the completed project.

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

Two single-family homes will be displaced as a result of this project.

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

A relocation plan will be developed for the affected residents.

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

N/A

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

N/A

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

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

This project will provide no housing units.

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

The project will eliminate 2 single-family, middle-income houses.

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

N/A

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?

The tallest structures will be the new HP transmission lines will be between 120 and 150 feet tall

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

No views will be obstructed by the proposed project.

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

N/A

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

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

New luminaires will produce light at night.

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

Light from new luminaires will not be a safety issue.

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

There are no existing off-site sources of light or glare.

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

N/A

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

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

There are trails within the vicinity. The finished bridge will link trails across the White River.

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

N/A

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

N/A

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.

The Stewart Road Bridge was built in 1952. The New Hope First Free Will Baptist Church was built in 1951 and the office was built in 1975. The two houses were built in 1960 and 1962. Manke Lumber's building was built in 1950.

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

The project area is within the traditional territory of the Puyallup and Muckleshoot tribes.

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.

A cultural resource report was prepared in February of 2006 that included consultations with local tribes and the DAHP, a field investigation, and research of historical documents. No significant archaeological resources were found during field investigations and no data was found indicating historical resources present within the project area or vicinity. This report was received concurrence from the DAHP on May 26, 2006. Concurrence from the DAHP for the 05-05 submittal was received on June 11, 2018. An additional cultural resources report was prepared for the Stewart Road Bridge Replacement Project on December 13, 2018 and came to the same conclusion.

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.

Should the project inadvertently discover cultural resources or human remains, the project will be halted immediately and contact will be made with county officials, the DAHP, and tribal representatives.

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

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

The project area is Stewart Rd SE/8th St E between Valentine Ave SE and 140th Ave Ct E.

- 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 area is not served by public transportation.

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

No additional parking spaces are proposed in this project.

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

The proposal is a roadway improvement to Stewart Rd SE between Valentine Ave SE and Butte Ave SE and a Bridge replacement /roadway improvement to Stewart Rd SE/8th St E Between Butte Ave SE and 140th Ave Ct E. Additional improvements will occur on Butte Ave SE as well as driveways to adjacent properties.

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

The project area crosses railroad tracks.

- 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?

No vehicular trips will be generated by this project.

- 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.

The project will not affect or be affected by the movement of agricultural and forest products.

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

N/A

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.

This 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.

N/A

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

a. Circle utilities currently available at the site:

electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system,
other Communication

c. 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.

New luminaires and signals will tie into existing electricity available at the project site. Additional utilities proposed include gas, distribution, and HP transmission from PSE as well as water and telecommunication lines.

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: _____

Name of signee Michael Kosa

Position and Agency/Organization Associate City Engineer

Date Submitted: _____

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.