

City of Sumner

ENVIRONMENTAL CHECKLIST

Purpose of checklist:

The State Environmental Policy Act (SEPA), chapter 43.21C RCW, requires all governmental agencies to consider the environmental impacts of a proposal before making decisions. An environmental impact statement (EIS) must be prepared for all proposals with probable significant adverse impacts on the quality of the environment. The purpose of this checklist is to provide information to help you and the agency identify impacts from your proposal (and to reduce or avoid impacts from the proposal, if it can be done) and to help the agency decide whether an EIS is required.

Instructions for applicants:

This environmental checklist asks you to describe some basic information about your proposal. Governmental agencies use this checklist to determine whether the environmental impacts of your proposal are significant, requiring preparation of an EIS. Answer the questions briefly, with the most precise information known, or give the best description you can.

You must answer each question accurately and carefully, to the best of your knowledge. In most cases, you should be able to answer the questions from your own observations or project plans without the need to hire experts. If you really do not know the answer, or if a question does not apply to your proposal, write "do not know" or "does not apply." Complete answers to the questions now may avoid unnecessary delays later.

Some questions ask about governmental regulations, such as zoning, shoreline, and landmark designations. Answer these questions if you can. If you have problems, the governmental agencies can assist you.

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.

Use of checklist for nonproject proposals:

Complete this checklist for nonproject proposals, even though questions may be answered "does not apply." in addition, complete the supplemental sheet for nonproject actions (part D).

For nonproject actions, the references in the checklist to the words "project," "applicant," and "property or site" should be read as "proposal," "proposer," and "affected geographic area," respectively.

A. Background

1. Name of proposed project, if applicable:

CIP 15-04 410 Traffic Avenue Interchange

2. Name of applicant:

City of Sumner: Doug Beagle, Public Works Project Manager

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

1104 Maple Street, Suite 260

Sumner, WA 98390

(253) 299-5715

4. Date checklist prepared:

*January 12, 2017, **Revisions started on November 16, 2018 (see bold text)***

5. Agency requesting checklist:

City of Sumner

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

Planning phase began in July 2016, design will begin January 2017, and construction will begin in July 2018. Project completion is estimated to occur in August 2019.

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

No

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

Categorical Exclusion Documentation Form

Cultural Resources Report

Biological Assessment

Habitat Management Plan

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.

None are known to be pending

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

NPDES Permit

City of Sumner Permits (Grade and Fill, Critical Areas, etc.)

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 City of Sumner is proposing to add general purpose lanes and non-motorized facilities on Traffic Avenue between the five lane, E. Main Street Bridge, over the Puyallup River and the five lane section of Traffic Avenue extending north towards downtown Sumner. The most significant section of work will include adding a lane in each direction to the existing two lanes bridge crossing over SR410. This would be done by building a separate parallel structure to carry new general purpose lanes and non-motorized facilities. The project will reconfigure intersections at each end of the existing SR410 overpass that connect to the SR 410 access ramps and Thompson Street. The south end of the project will connect to Puyallup’s Riverwalk Trail, the Sumner Link Trail, and Pierce County’s Foothills Trail system. Non-motorized facilities will be installed through the length of the project to provide an ADA accessible pathway connecting to the Sound Transit Sounder Rail Station.

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 project is located at the SR 410 and Traffic Avenue interchange in southwest Sumner in the northwest quarter of Section 25 of Township 20E and Range 04E.

TO BE COMPLETED BY APPLICANT

EVALUATION FOR AGENCY USE ONLY

B. ENVIRONMENTAL ELEMENTS

1. Earth

a. General description of the site (circle one): Flat rolling, hilly, steep slopes, mountainous, other

The overall site is mainly flat but the embankments constructed for the Traffic Avenue Bridge are somewhat steep.

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

33%

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 prime farmland.

According to soil survey data for Pierce County, soils in the vicinity consist of Puyallup fine sandy loam. This soil type is formed in mixed alluvium under hardwoods and conifers on natural levees in major river valleys. The project area is not within the vicinity of any agricultural resource lands or the 300-foot buffer of agricultural resource lands as identified on the City of Sumner Agricultural Resource Land Map.

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

There are no unstable soils in the immediate project vicinity. While the embankments on either side of Highway 410 are somewhat steep, the project area is not within a landslide or erosion hazard area according to the Sumner Landslide & Erosion Hazard Area map. It is within a seismic hazard area.

- e. Describe the purpose, type, and approximate quantities of any filling or grading proposed. Indicate source of fill.

Excavation will occur for construction of bridge abutments and new roadway alignments. Fill will be imported to build up road base and backfill bridge structures. Approximate cubic yardage of fill and excavation has not yet been determined.

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

Short-term erosion may occur during construction as clearing, grubbing, and excavation.

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

Approximately 90% of the site will be covered with impervious surfaces after project construction.

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

Standard erosion control BMPs will be installed prior to construction and regularly inspected throughout. These BMPs include, but are not limited to: biodegradable erosion control blankets, temporary seeding, silt fence, straw bales, containment fences, stabilized construction entrances, and final revegetation of the disturbed areas. In addition, the project will follow the City of Sumner's municipal NPDES permit with the Department of Ecology as well as related City code.

Air

- a. What types of emissions to the air would result from the proposal (i.e., dust, automobile, odors, industrial wood smoke) during construction and when the project is completed? If any, generally describe and give approximate quantities if known.

The project may result in short-term reductions in air quality due to increased emissions from construction equipment, vehicles, and dust during construction. The project will create new vehicular travel lanes which may result in long-term increases in vehicle emissions.

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

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

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

During construction, measures will be taken to limit the amount of idling time of construction equipment and vehicles. Dust will be minimized by spraying exposed soil with water, if necessary. Although the project is adding new vehicle travel lanes, the new lanes will reduce congestion on the project site which will reduce impacts to air quality.

3. Water

- a. Surface:

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

The project is approximately 150 feet north of the Puyallup River. See the attached shoreline exhibit.

- 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.

A small amount of sidewalk construction will occur within 200 feet of the Puyallup River within areas of prior disturbance due to roadway shoulder construction.

- 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 surface water or wetlands are affected by this project.

- 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.

30 CY of reinforced earth slope will be placed in the 100-year floodplain to increase the slope. 35 CY of compensatory flood storage excavation will be conducted to avoid impacts to 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 waste material will be discharged to surface waters.

b. Ground:

- 1) Will ground water be withdrawn, or will water be discharged to ground water? Give general description, purpose, and approximate quantities if known.

No groundwater will be withdrawn or discharged.

- 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.

No waste material will be discharged into the ground.

c. Water runoff (including stormwater):

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

Modifications to the existing stormwater system will be made to account for the increase in impervious area resulting from the proposed project. Modifications will be made according 2012 Stormwater Manual with enhanced treatment and City of Sumner code and specifications.

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

Waste materials are not anticipated to enter any waters.

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

To reduce or avoid impacts to surface, ground, and runoff water impacts, the project will incorporate the following measures at the minimum:

-Implementation of an approved temporary erosion and sediment control (TESC) plan

-Erosion control BMPs (silt fence, straw wattle, straw mulch, plastic covering, seeding, check dams, inlet protection, etc.)

-Check equipment daily for leaks

-Preparation of spill prevention, pollution, and countermeasures (SPCC) plan for procedures and contacts to act upon in the event of a spill.

-Proper containment of any potentially hazardous substances

4. Plants

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

deciduous tree: alder, maple, aspen, cottonwood, other

evergreen tree: fir, cedar, pine, other

shrubs

grass

pasture

crop or grain

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?

Approximately 39 trees will be removed for this project. Approximately 1.23 acres of grass and shrubs will be removed.

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

No listed 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:

Existing vegetation will be preserved to the maximum extent possible. Clearing limits will be marked with high visibility fence prior to construction. Unimproved disturbed areas will be seeded and replanted with native vegetation. Removed trees will be replaced at a ratio of at least 1:1.

5. Animals

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

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

mammals: deer, bear, elk, beaver, other: skunk, opossum, squirrel.

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

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

No threatened or endangered species known to be on the site. Endangered Salmon species are known to be near the site.

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

All of Sumner is part of the Pacific Flyway.

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

The BMP's listed above will avoid or minimize any impacts to habitat for wildlife. Trees removed during construction will be used as large woody debris in the White River or Salmon Creek.

6. Energy and natural resources

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

Electricity will meet the needs of the project.

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

The project will not affect potential use of solar energy.

- 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:

No features or measures proposed.

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 as a result of this proposal? If so, describe.

No environmental health hazards are anticipated.

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

No special emergency services will be required.

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

The SPCC plan will outline all necessary information and procedures in the event of a spill. All waste materials will be fully contained and disposed of offsite in accordance with federal, state, and local laws.

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 main source of noise in the project area. There is also noise from the BNSF railway adjacent to the project. Noise is not anticipated to 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 activities will increase short-term levels of noise. All construction activities will occur during the City of Sumner's approved working hours. The project does add additional travel lanes so there may be an increased long-term noise impact.

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

All construction activities will occur during the City of Sumner's approved working hours. All noise levels that occur during the construction of the project and after will comply with the Sumner Municipal Code.

8. Land and Shoreline use

- a. What is the current use of the site and adjacent properties?

The site is currently used as a SR 410 crossing location as well as an interchange from SR 410 to Traffic Avenue. Adjacent properties include the City of Sumner's Waste Water Treatment Facility, BNSF Railroad, and general commercial and low density residential.

- b. Has the site been used for agriculture? If so, describe.

No

- c. Describe any structures on the site.

There is an existing 220 feet bridge crossing over SR 410. There is also the SR 410 and Traffic Avenue interchange.

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

No structures on the site will be demolished.

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

Current zoning of the site is general commercial and low density residential.

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

General commercial and low density residential.

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

A portion of the project site is within an Urban Conservancy shoreline designation with a 200-foot buffer.

- h. Has any part of the site been classified as an "environmentally sensitive" area? If so, specify.

No

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

N/A

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

N/A

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

N/A

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

This proposal is compatible with existing and projected land uses and plans because it will provide improved connectivity between downtown Sumner, City of Puyallup and SR 410. The bridge will also be designed to provide a future link between the Sumner Link Trail and Puyallup's Riverwalk Trail. This project is also listed in the State Transportation Improvement Plan. The proposed construction is within existing right of way.

9. Housing

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

N/A

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

N/A

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

N/A

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 tallest height will be 25 feet tall light poles. The principle exterior material for the bridge is concrete.

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

No views will be altered or obstructed.

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

Unimproved disturbed areas will be restored upon completion of the project.

11. Light and glare

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

The project will include standard WSDOT traffic lights along the bridge and interchange. This lighting will occur during nighttime hours.

- 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?

The south end of the project will connect to Puyallup's Riverwalk Trail, the Sumner Link Trail, and Pierce County's Foothills Trail system. Non-motorized facilities will be installed through the length of the project to provide an ADA accessible pathway connecting to the Sound Transit Sounder Rail Station.

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

No

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

Enhanced connection to our Trail System

13. Historic and cultural preservation

- a. Are there any places or objects listed on, or proposed for, national, state, or local preservation registers known to be on or next to the site? If so, generally describe.

No

- c. Generally describe any landmarks or evidence of historic, archaeological, scientific, or cultural importance known to be on or next to the site.

None

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

N/A

14. Transportation

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

The site is served by Traffic Avenue and SR 410. The project will improve access to the existing street system by leaving the existing Traffic Avenue Bridge in place and building a new bridge next to it. Phased construction will allow for traffic to be maintained on Traffic Avenue and SR 410 interchange.

- b. Is site currently served by public transit? If not, what is the approximate distance to the nearest transit stop?

Yes public transit routes exist on Traffic Avenue as well as the SR 410 interchange.

- c. How many parking spaces would the completed project have? How many would the project eliminate?

N/A

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

Yes, the proposal will construct a new vehicular bridge next to the existing Traffic Avenue Bridge. With the new bridge, new travel lanes will be created on the existing bridge approaches. All improvements are public improvements.

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

The project will occur next to the BSNF railway.

- f. How many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur.

The proposal will not include a change in land use that will generate new trips. The proposal is meant to accommodate existing vehicular trips as well future growth in traffic volumes as population increases in the region.. Peak volumes will occur during the normal commuter travel times which are in the early morning and evening hours.

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

Proposed measures to reduce or control transportation impacts will be either two roundabouts or two traffic signals, one at each intersection of the SR 410 interchange.

15. Public services

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

Increased need for public services is not anticipated.

- 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.

Utilities proposed for the project are water, storm drainage, telecommunications, electrical, gas, and cable.

C. SIGNATURE

I, the undersigned, swear under the penalty of perjury that the above responses are made truthfully and to the best of my knowledge. I also understand that, should there be any willful misrepresentation or willful lack of full disclosure on my part, the agency may withdraw any determination of non-significance that it might issue in reliance upon this checklist.

Signature:

Name:

Date Submitted:

D. SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS

(do not 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?

Noise impacts are for the animals are proposed to be reduced by prohibiting roosters and having the kennels only allowed as an indoor use at this time.

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.

[Statutory Authority: RCW 43.21C.110. 84-05-020 (Order DE 83-39), § 197-11-960, filed 2/10/84, effective 4/4/84.]