

WAC 197-11-960 Environmental checklist.

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:

2017 Update to Horizon 2040

2. Name of applicant:

Spokane Regional Transportation Council (SRTC)

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

421 W. Riverside Ave., Suite 500
Spokane, WA 99201
(509) 343-6370
Ryan Stewart, Senior Transportation Planner

3. Date checklist prepared:

October 2, 2017

4. Agency requesting checklist:

None

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

Proposed approval of the 2017 Update to Horizon 2040 by the SRTC Policy Board is scheduled for no later than December 14, 2017.

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

Yes, per Federal regulations, the Metropolitan Transportation Plan (MTP) must be updated every four years for attainment areas with a maintenance plan.

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

On August 29, 2005 the Environmental Protection Agency (EPA) re-designated the Spokane area from nonattainment to attainment for carbon monoxide (CO) with an approved maintenance plan. On August 30, 2005, the EPA re-designated the Spokane nonattainment area to an attainment area for particulate matter-10 (PM-10) with an approved Limited Maintenance Plan (LMP).

On May 12, 2016 the EPA approved the Second 10-year LMP for PM-10. The Second 10-year LMP for CO was approved August 15, 2016. These LMPs demonstrate the minimal risk that PM-10 and CO from motor vehicles would contribute to a PM-10 or CO violation. For this reason, no motor vehicle emission budget (MVEB) or paved road dust budget is established. While an area with an LMP does not need to do a regional emissions analysis, it still retains other conformity requirements as detailed in 40 CFR 93.109, such as consultation (40 CFR 93.112), timely implementation of transportation control measures (40 CFR 93.113), and project level analysis (40 CFR 93.116).

LMPs do not establish a MVEB because growth would need to exceed reasonable expectations to create a violation of the national ambient air quality standards. As published in the PM-10 LMP Qualification Assessment, VMT was projected to grow by 36% over the ten year period of 2000 to 2010, or 3.1% annually. Since the actual VMT growth rate of 0.9% included in the plan is less than the 3.1% rate assumed in the PM-10 LMP, Horizon 2040 conforms to the PM-10 LMP.

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.

Not applicable.

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

None. However, the MTP is reviewed by the Federal Highway Administration (FHWA), the Federal Transit Administration (FTA) and the Washington State Department of Transportation (WSDOT) for completeness and consistency with Federal and state regulations as part of SRTC's transportation planning certification review.

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.)

Horizon 2040 is a non-project action. SRTC is the federally designated Metropolitan Planning Organization (MPO), Transportation Management Association (TMA) and state designated Regional Transportation Planning Organization (RTPO) for the Spokane Metropolitan Planning Area (SMPA), which encompasses the entirety of Spokane County. Horizon 2040 is the long range transportation plan for the SMPA. Under Federal requirements Horizon 2040 is the Metropolitan Transportation Plan (MTP) for the SMPA. Horizon 2040 also meets state requirements as the Regional Transportation Plan (RTP) for the SMPA. Horizon 2040 is the long-term, multimodal "blueprint" for transportation aimed at meeting the mobility needs of the area through the year 2040. It is based on projections for growth in population, housing and jobs and takes into consideration every mode of transportation, such as private vehicles, public transit, bicycling, walking, freight movement, rail and air travel. Horizon 2040 focuses on the relationship of transportation and land use planning to the quality of life and economic health of our region.

Horizon 2040 includes a financially-constrained list of transportation projects and programs from the jurisdictions within Spokane County to construct or complete over the next 23 years.

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.

Horizon 2040 is the long range transportation plan for the Spokane Metropolitan Planning Area (SMPA), which encompasses the entirety of Spokane County. Please see attached map of the SMPA (Attachment 1). However, Horizon 2040 is not site specific and does not affect a precise location.

B. ENVIRONMENTAL ELEMENTS

1. Earth

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

Does not apply, non-project action. Varies throughout Spokane County. Horizon 2040 is not site specific and the affected geographic area is the SMPA.

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

Does not apply, non-project action. Steep slopes vary throughout Spokane County. Horizon 2040 is not site specific and the affected geographic area is the SMPA. For projects in Horizon 2040 steep slopes will be detailed, if necessary, by the responsible jurisdiction in the design and permitting phases of the project (project-specific SEPA checklist).

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.

Does not apply, non-project action. Horizon 2040 is not site specific and the affected geographic area is the SMPA. Soil types for projects in Horizon 2040 will be detailed, if necessary, by the responsible jurisdiction in the design and permitting phases of the project (project-specific SEPA checklist).

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

Does not apply, non-project action. Horizon 2040 is not site specific and the affected geographic area is the SMPA. Unstable soils for projects in Horizon 2040 will be detailed, if necessary, by the responsible jurisdiction in the design and permitting phases of the project (project-specific SEPA checklist).

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

Does not apply, non-project action. Some of the projects listed in Horizon 2040 may involve grading or the use of fill but that will be detailed, if necessary, by the responsible jurisdiction in the design and permitting phases of the project (project-specific SEPA checklist).

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

Does not apply, non-project action. Some of the projects listed in Horizon 2040 may result in erosion but that will be detailed, if necessary, by the responsible jurisdiction in the design and permitting phases of the project (project-specific SEPA checklist).

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

Does not apply, non-project action. Horizon 2040 is not site specific and the affected geographic area is the SMPA. The percent of impervious surfaces for projects listed in Horizon 2040 will be detailed, if necessary, by the responsible jurisdiction in the design and permitting phases of the project (project-specific SEPA checklist).

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

Does not apply, non-project action. Measures to reduce or control erosion for projects listed in Horizon 2040 will be detailed, if necessary, by the responsible jurisdiction in the design and permitting phases of the project (project-specific SEPA checklist).

2. 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.

Does not apply, non-project action. Potential emissions as a result of projects listed in Horizon 2040 will be detailed, if necessary, by the responsible jurisdiction in the design and permitting phases of the project (project-specific SEPA checklist).

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

Does not apply, non-project action. Horizon 2040 is not site specific and the affected geographic area is the SMPA. Potential off-site sources of emissions or odors as a result of projects listed in Horizon 2040 will be detailed, if necessary, by the responsible jurisdiction in the design and permitting phases of the project (project-specific SEPA checklist).

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

Does not apply, non-project action. The biennial inspection and maintenance program is the primary CO control measure for Spokane County. PM-10 control measures include programs to reduce residential wood smoke, paving unpaved (dirt, gravel) roads, street sweeping programs and the use of liquid de-icers instead of sand. Other measures used to control or reduce vehicular emissions include transportation demand management programs (e.g., Spokane County Commute Trip Reduction Program) and intelligent transportation systems.

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.

Does not apply, non-project action. Horizon 2040 is not site specific and the affected geographic area is the SMPA. Identification of surface water bodies in relation to projects listed in Horizon 2040 will be detailed, if necessary, by the responsible jurisdiction in the design and permitting phases of the project (project-specific SEPA checklist).

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.

Does not apply, non-project action. Horizon 2040 is not site specific and the affected geographic area is the SMPA. Identification of waters in relation to projects listed in Horizon 2040 will be detailed, if necessary, by the responsible jurisdiction in the design and permitting phases of the project (project-specific SEPA checklist).

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.

Does not apply, non-project action. Horizon 2040 is not site specific and the affected geographic area is the SMPA. The amount of fill and dredge material in relation to projects listed in Horizon 2040 will be detailed, if necessary, by the responsible jurisdiction in the design and permitting phases of the project (project-specific SEPA checklist).

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

Does not apply, non-project action. Water withdrawals or diversions in relation to projects listed in Horizon 2040 will be detailed, if necessary, by the responsible jurisdiction in the design and permitting phases of the project (project-specific SEPA checklist).

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

Does not apply, non-project action. Horizon 2040 is not site specific and the affected geographic area is the SMPA. If a project listed in Horizon 2040 lies within a 100-year floodplain it will be detailed by the responsible jurisdiction in the design and permitting phases of the project (project-specific SEPA checklist).

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.

Does not apply, non-project action. Waste discharges to surface waters in relation to projects listed in Horizon 2040 will be detailed, if necessary, by the responsible jurisdiction in the design and permitting phases of the project (project-specific SEPA checklist).

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.

Does not apply, non-project action. Horizon 2040 is not site specific and the affected geographic area is the SMPA. Water withdrawals or discharges in relation to projects listed in Horizon 2040 will be detailed, if necessary, by the responsible jurisdiction in the design and permitting phases of the project (project-specific SEPA checklist).

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.

Does not apply, non-project action. Horizon 2040 is not site specific and the affected geographic area is the SMPA. Waste material discharges in relation to projects listed in Horizon 2040 will be detailed, if necessary, by the responsible jurisdiction in the design and permitting phases of the project (project-specific SEPA checklist).

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.

Does not apply, non-project action. Horizon 2040 is not site specific and the affected geographic area is the SMPA. Water runoff in relation to projects listed in Horizon 2040 will be detailed, if necessary, by the responsible jurisdiction in the design and permitting phases of the project (project-specific SEPA checklist).

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

Does not apply, non-project action. Waste material and runoff potential in relation to projects listed in Horizon 2040 will be detailed, if necessary, by the responsible jurisdiction in the design and permitting phases of the project (project-specific SEPA checklist).

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

Does not apply, non-project action. Measures to control runoff in relation to projects listed in Horizon 2040 will be detailed, if necessary, by the responsible jurisdiction in the design and permitting phases of the project (project-specific SEPA checklist).

4. Plants

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

- _____ deciduous tree: alder, maple, aspen, other
- _____ evergreen tree: fir, cedar, pine, other
- _____ shrubs
- _____ grass
- _____ pasture
- _____ crop or grain
- _____ wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other
- _____ water plants: water lily, eelgrass, milfoil, other
- _____ other types of vegetation

Does not apply, non-project action. Types of vegetation vary across the county. However, Horizon 2040 is not site specific and the affected geographic area is the SMPA. Types of vegetation for projects listed in Horizon 2040 will be detailed, if necessary, by the responsible jurisdiction in the design and permitting phases of the project (project-specific SEPA checklist).

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

Does not apply, non-project action. Horizon 2040 is not site specific and the affected geographic area is the SMPA. Vegetation removal or alteration from projects listed in Horizon 2040 will be detailed, if necessary, by the responsible jurisdiction in the design and permitting phases of the project (project-specific SEPA checklist).

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

Does not apply, non-project action. Horizon 2040 is not site specific and the affected geographic area is the SMPA. For projects listed in Horizon 2040, threatened or endangered species will be identified by the responsible jurisdiction in the design and permitting phases of the project (project-specific SEPA checklist).

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

Does not apply, non-project action. Horizon 2040 is not site specific and the affected geographic area is the SMPA. Landscaping for projects listed in Horizon 2040 will be detailed, if necessary, by the responsible jurisdiction in the design and permitting phases of the project (project-specific SEPA checklist).

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

Does not apply, non-project action. Horizon 2040 is not site specific and the affected geographic area is the SMPA. For projects listed in Horizon 2040, any birds or other animals will be identified by the responsible jurisdiction in the design and permitting phases of the project (project-specific SEPA checklist).

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

Does not apply, non-project action. Horizon 2040 is not site specific and the affected geographic area is the SMPA. For projects listed in Horizon 2040, threatened or endangered species will be identified, if applicable, by the responsible jurisdiction in the design and permitting phases of the project (project-specific SEPA checklist).

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

Does not apply, non-project action. Horizon 2040 is not site specific and the affected geographic area is the SMPA. For projects listed in Horizon 2040, migration routes will be identified, if applicable, by the responsible jurisdiction in the design and permitting phases of the project (project-specific SEPA checklist).

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

Does not apply, non-project action. Measures to preserve or enhance wildlife for projects listed in Horizon 2040 will be detailed, if necessary, by the responsible jurisdiction in the design and permitting phases of the project (project-specific SEPA checklist).

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.

Does not apply, non-project action. Energy needs for projects listed in Horizon 2040 will be detailed, if necessary, by the responsible jurisdiction in the design and permitting phases of the project (project-specific SEPA checklist).

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

Does not apply, non-project action. Horizon 2040 is not site specific and the affected geographic area is the SMPA. For projects listed in Horizon 2040 the impact to adjacent properties will be detailed, if necessary, by the responsible jurisdiction in the design and permitting phases of the project (project-specific SEPA checklist).

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:

Does not apply, non-project action. Energy conservation features for projects listed in Horizon 2040 will be detailed, if necessary, by the responsible jurisdiction in the design and permitting phases of the project (project-specific SEPA checklist). However, Horizon 2040 programs such as transportation demand management and transportation systems management and operations are strategies that target energy conservation and help to reduce or control energy impacts, specifically motor vehicle fuel usage.

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.

Does not apply, non-project action. Environmental health hazards for projects listed in Horizon 2040 will be detailed, if applicable, by the responsible jurisdiction at the project level (project-specific SEPA checklist). However, Horizon 2040 describes regional strategies that are employed to monitor, limit and, in some cases, reduce motor vehicle emissions.

1) Describe special emergency services that might be required.

Does not apply, non-project action. Horizon 2040 is not site specific and the affected geographic area is the SMPA. Special emergency services for projects listed in Horizon 2040 will be detailed, if necessary, by the responsible jurisdiction during project level review (project-specific SEPA checklist).

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

Does not apply, non-project action. Environmental health hazards for projects listed in Horizon 2040 will be detailed, if applicable, by the responsible jurisdiction in the design and permitting phases of the project (project-specific SEPA checklist).

b. Noise

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

Does not apply, non-project action. Horizon 2040 is not site specific and the affected geographic area is the SMPA. For projects listed in Horizon 2040, existing noise will be detailed, if applicable, by the responsible jurisdiction in the design and permitting phases of the project (project-specific SEPA checklist).

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.

Does not apply, non-project action. Horizon 2040 is not site specific and the affected geographic area is the SMPA. For projects listed in Horizon 2040, noise levels will be detailed, if applicable, by the responsible jurisdiction in the design and permitting phases of the project (project-specific SEPA checklist).

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

Does not apply, non-project action. For projects listed in Horizon 2040, measures to reduce or control noise will be detailed, if applicable, by the responsible jurisdiction in the design and permitting phases of the project (project-specific SEPA checklist).

8. Land and shoreline use

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

Does not apply, non-project action. Horizon 2040 is not site specific and the affected geographic area is the SMPA. For projects listed in Horizon 2040, current uses will be detailed, if applicable, by the responsible jurisdiction in the design and permitting phases of the project (project-specific SEPA checklist).

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

Does not apply, non-project action. Horizon 2040 is not site specific and the affected geographic area is the SMPA. For projects listed in Horizon 2040, agricultural uses will be detailed, if applicable, by the responsible jurisdiction in the design and permitting phases of the project (project-specific SEPA checklist).

c. Describe any structures on the site.

Does not apply, non-project action. Horizon 2040 is not site specific and the affected geographic area is the SMPA. For projects listed in Horizon 2040, site structures will be detailed, if applicable, by the responsible jurisdiction in the design and permitting phases of the project (project-specific SEPA checklist).

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

Does not apply, non-project action. For projects listed in Horizon 2040, demolishing of structures will be detailed, if applicable, by the responsible jurisdiction in the project-level review phase (project-specific SEPA checklist).

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

Does not apply, non-project action. Horizon 2040 is not site specific and the affected geographic area is the SMPA. For projects listed in Horizon 2040, the current zoning will be detailed by the responsible jurisdiction in the project-level review phase (project-specific SEPA checklist).

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

Does not apply, non-project action. Horizon 2040 is not site specific and the affected geographic area is the SMPA. For projects listed in Horizon 2040, the comprehensive plan designation will be listed by the responsible jurisdiction in the project-level review phase (project-specific SEPA checklist).

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

Does not apply, non-project action. Horizon 2040 is not site specific and the affected geographic area is the SMPA. For projects listed in Horizon 2040, the current shoreline master program designation will be listed, if applicable, by the responsible jurisdiction in the project-level review phase (project-specific SEPA checklist).

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

Does not apply, non-project action. Horizon 2040 is not site specific and the affected geographic area is the SMPA. For projects listed in Horizon 2040, environmentally sensitive areas will be listed, if applicable, by the responsible jurisdiction in the design and permitting phases of the project (project-specific SEPA checklist).

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

Does not apply, non-project action. For projects listed in Horizon 2040, the number of people residing or working in the completed project will be listed, if applicable, by the responsible jurisdiction in the project-level review phase (project-specific SEPA checklist).

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

Does not apply, non-project action. For projects listed in Horizon 2040, the number of people displaced by the completed project will be listed, if applicable, by the responsible jurisdiction in the project-level review phase (project-specific SEPA checklist).

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

Does not apply, non-project action. For projects listed in Horizon 2040, measures to avoid or reduce displacement will be detailed, if applicable, by the responsible jurisdiction in the project-level review phase (project-specific SEPA checklist).

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

Does not apply, non-project action. However, Horizon 2040 complies with requirements under the Growth Management Act to ensure consistency of local land use and transportation plans with the regional long range transportation plan. The Horizon 2040 Guiding Principles, Policies and Strategies provide guidance for local jurisdictions in the update of their comprehensive plans and for future updates to the Countywide Planning Policies.

9. Housing

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

Does not apply, non-project action. For projects listed in Horizon 2040, the number of housing units to be provided, if any, will be detailed by the responsible jurisdiction in the project-level review phase (project-specific SEPA checklist).

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

Does not apply, non-project action. For projects listed in Horizon 2040, the number of housing units and type to be removed, if applicable, will be detailed by the responsible jurisdiction in the project-level review phase (project-specific SEPA checklist).

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

Does not apply, non-project action. For projects listed in Horizon 2040, measures to reduce or control housing impacts, if applicable, will be detailed by the responsible jurisdiction in the project-level review phase (project-specific SEPA checklist).

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?

Does not apply, non-project action. For projects listed in Horizon 2040, structure height and exterior building materials, if applicable, will be detailed by the responsible jurisdiction in the project-level review phase (project-specific SEPA checklist).

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

Does not apply, non-project action. Horizon 2040 is not site specific and the affected geographic area is the SMPA. For projects listed in Horizon 2040, the alteration or obstruction of views, if applicable, will be detailed by the responsible jurisdiction in the project-level review phase (project-specific SEPA checklist).

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

Does not apply, non-project action. For projects listed in Horizon 2040, measures to control or reduce aesthetic impacts, if applicable, will be detailed by the responsible jurisdiction in the project-level review phase (project-specific SEPA checklist).

11. Light and glare

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

Does not apply, non-project action. For projects listed in Horizon 2040, the light or glare produced and time of day, if applicable, will be detailed by the responsible jurisdiction in the project-level review phase (project-specific SEPA checklist).

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

Does not apply, non-project action. For projects listed in Horizon 2040, the light or glare produced being a potential safety hazard or interfering with views, if applicable, will be detailed by the responsible jurisdiction in the project-level review phase (project-specific SEPA checklist).

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

Does not apply, non-project action. Horizon 2040 is not site specific and the affected geographic area is the SMPA. For projects listed in Horizon 2040, existing off-site sources of light, if applicable, will be detailed by the responsible jurisdiction in the project-level review phase (project-specific SEPA checklist).

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

Does not apply, non-project action. For projects listed in Horizon 2040, measures to reduce or control light, if applicable, will be detailed by the responsible jurisdiction in the project-level review phase (project-specific SEPA checklist).

12. Recreation

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

Does not apply, non-project action. Horizon 2040 is not site specific and does not have an immediate vicinity. However, since Horizon 2040 is the long range transportation plan for the SMPA, numerous designated and informal recreational opportunities are available throughout the county. These opportunities include walking, hiking, road cycling, mountain biking, skiing, snowshoeing, sledding, equestrian, rock climbing, swimming, canoeing, kayaking, rafting, boating, and other motorized (on- and off-road) recreational opportunities. For projects listed in Horizon 2040, designated and informal recreation opportunities, if applicable, will be detailed by the responsible jurisdiction in the project-level review phase (project-specific SEPA checklist).

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

Does not apply, non-project action. For projects listed in Horizon 2040, the displacement of existing recreation opportunities, if applicable, will be detailed by the responsible jurisdiction in the project-level review phase (project-specific SEPA checklist).

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

Does not apply, non-project action. For projects listed in Horizon 2040, measures to reduce or control the impact to recreation opportunities, if applicable, will be detailed by the responsible jurisdiction in the project-level review phase (project-specific SEPA checklist).

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.

Does not apply, non-project action. Horizon 2040 is not site specific and the affected geographic area is the SMPA. For projects listed in Horizon 2040, places or objects listed or proposed for national, state and local preservation registers, if applicable, will be detailed by the responsible jurisdiction in the project-level review phase (project-specific SEPA checklist).

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

Does not apply, non-project action. Horizon 2040 is not site specific and the affected geographic area is the SMPA. For projects listed in Horizon 2040, the impact to any landmarks or evidence of historic, archaeological, scientific or cultural importance, if applicable, will be detailed by the responsible jurisdiction in the project-level review phase (project-specific SEPA checklist).

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

Does not apply, non-project action. For projects listed in Horizon 2040, measures to control or reduce the impact to any landmarks or evidence of historic, archaeological, scientific or cultural importance, if applicable, will be detailed by the responsible jurisdiction in the project-level review phase (project-specific SEPA checklist).

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.

Does not apply, non-project action. Horizon 2040 is not site specific, does not have a specific site plan, and the affected geographic area is the SMPA. Horizon 2040 generally describes the public streets and highways throughout the SMPA. For projects listed in Horizon 2040, the identification of public streets and highways serving the project site will be identified by the responsible jurisdiction in the project-level review phase (project-specific SEPA checklist).

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

Does not apply, non-project action. Horizon 2040 is not site specific and the affected geographic area is the SMPA. However, since Horizon 2040 is the long range transportation plan for the SMPA, it details the availability of public transit throughout the county. For projects listed in Horizon 2040, the identification of public transit serving the project site and approximate distance to the nearest transit stop will be identified by the responsible jurisdiction in the project-level review phase (project-specific SEPA checklist).

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

Does not apply, non-project action. For projects listed in Horizon 2040, the identification of parking impacts as a result of the project, if applicable, will be identified by the responsible jurisdiction in the project-level review phase (project-specific SEPA checklist).

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).

While Horizon 2040 is a non-project action, the plan does describe new transportation facilities and improvements to existing infrastructure. Proposed transportation investments are listed in the plan for the years 2018-2040. These improvements include some new roads and highways as well as pedestrian and bicycling infrastructure. Horizon 2040 also details potential public transit improvements including additional services and facilities including transit centers, maintenance facilities and park & rides. The plan details maintenance and preservation needs for existing transportation facilities as well. All improvements are the responsibility of the specific jurisdiction or agency and will be public infrastructure, facilities or services. For projects listed in Horizon 2040, any new roads or streets, or improvements to existing roads or streets required by the project, if applicable, will be detailed by the responsible jurisdiction in the project-level review phase (project-specific SEPA checklist).

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

While Horizon 2040 is a non-project action, some of the projects and programs listed in the plan will occur in the vicinity of rail and air transportation. This includes: roads that cross at-grade, pass under or bridge over railroad tracks; public transportation in the vicinity of or sometimes crossing rail lines; and, transportation improvements in the vicinity of Spokane International Airport. For projects listed in Horizon 2040, project use or occurrence in the immediate vicinity of water, rail or air transportation, if applicable, will be detailed by the responsible jurisdiction in the project-level review phase (project-specific SEPA checklist).

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

While Horizon 2040 is a non-project action, the plan contains land use forecasts through the year 2040. Using these population and employment forecasts, SRTC conducts analysis using a travel demand model to predict future travel behavior. The analysis for Horizon 2040 estimates an increase of more than 379,000 vehicle trips per day by the year 2040 for the entire county. Peak volumes for vehicular traffic are expected to occur in the PM peak period, approximately 3pm to 6pm. For projects listed in Horizon 2040, the number of vehicular trips per day that would be generated by the project, if applicable, will be detailed by the responsible jurisdiction in the project-level review phase (project-specific SEPA checklist).

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

Horizon 2040 lists strategies to improve the regional transportation network in a balanced multi-modal approach within the financial constraints of the plan. The strategies were developed to facilitate the movement of people, goods and services while reducing or controlling negative impacts to the environment and quality of life of the region. Increased public transportation services and additional pedestrian and bicycling facilities are some of the projects and programs included in Horizon 2040. Reducing or controlling air quality impacts from mobile source emissions is also a crucial component of Horizon 2040. The biennial inspection and maintenance program is the primary CO control measure for Spokane County. PM-10 control measures include programs to reduce residential wood smoke, paving unpaved (dirt, gravel) roads, street sweeping programs and the use of liquid de-icers instead of sand. Other measures used to control or reduce transportation impacts include transportation demand management programs (e.g., Spokane County Commute Trip Reduction Program) and transportation systems management and operations strategies (e.g., intelligent transportation systems).

For projects listed in Horizon 2040, measures to reduce or control transportation impacts, if any, will be detailed by the responsible jurisdiction in the project-level review phase (project-specific SEPA checklist).

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.

Does not apply, non-project action. For projects listed in Horizon 2040, the increased need for public services as a result of the project will be identified, if applicable, by the responsible jurisdiction in the project-level review phase (project-specific SEPA checklist).

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

Does not apply, non-project action. For projects listed in Horizon 2040, proposed measures to reduce or control direct impacts on public services will be identified, if applicable, by the responsible jurisdiction in the project-level review phase (project-specific SEPA checklist).

16. Utilities

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

Does not apply, non-project action. For projects listed in Horizon 2040, utilities currently available on the project site, if any, will be identified by the responsible jurisdiction in the project-level review phase (project-specific SEPA checklist).

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.

Does not apply, non-project action. For projects listed in Horizon 2040, proposed utilities and construction activities, if any, will be identified by the responsible jurisdiction in the project-level review phase (project-specific SEPA checklist).

C. SIGNATURE

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Signature:

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?

The approval of the Horizon 2040 plan would not, by itself, increase discharges to water, emissions to air, produce, store or release toxic or hazardous substances, or produce noise. However, some of the projects and programs listed in Horizon 2040 have the potential to have these impacts. For projects listed in Horizon 2040, the above impacts, if any, will be identified by the responsible jurisdiction in the project-level review phase (project-specific SEPA checklist).

Proposed measures to avoid or reduce such increases are:

Horizon 2040 lists strategies to improve the regional transportation network in a balanced multi-modal approach within the financial constraints of the plan. The strategies were developed to facilitate the movement of people, goods and services while reducing or controlling negative impacts to the environment and quality of life of the region. Increased public transportation services and additional pedestrian and bicycling facilities are some of the projects and programs included in Horizon 2040. Other measures used to control or reduce transportation impacts include transportation demand management programs (e.g., Spokane County Commute Trip Reduction Program) and transportation systems management and operations strategies (e.g., intelligent transportation systems).

Reducing or controlling air quality impacts from mobile source emissions is a crucial component of Horizon 2040. As individual projects move from planning to programming and design, further evaluation clarifies the impact of each project on the regional transportation system and on air quality. SRTC assists with analyzing project-level emissions. The biennial inspection and maintenance program is the primary CO control measure for Spokane County. PM-10 control measures include programs to reduce residential wood smoke, paving unpaved (dirt, gravel) roads, street sweeping programs and the use of liquid de-icers instead of sand.

For projects listed in Horizon 2040, proposed measures to avoid or reduce increases, if any, will be identified by the responsible jurisdiction in the project-level review phase (project-specific SEPA checklist).

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

The approval of the Horizon 2040 plan would not, by itself, affect plants, animals, fish or marine life. For projects listed in Horizon 2040, the likelihood of the project to affect plants, animals, fish or marine life, if any, will be identified by the responsible jurisdiction in the project-level review phase (project-specific SEPA checklist).

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

The approval of the Horizon 2040 plan would not, by itself, affect plants, animals, fish or marine life. Therefore, no measures are proposed or required. For projects listed in Horizon 2040, measures to protect or conserve plants, animals, fish or marine life, if applicable, will be identified by the responsible jurisdiction in the project-level review phase (project-specific SEPA checklist).

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

The approval of the Horizon 2040 plan would not, by itself, deplete energy or natural resources. For projects listed in Horizon 2040, the likelihood of the project to deplete energy or natural resources, if any, will be identified by the responsible jurisdiction in the project-level review phase (project-specific SEPA checklist).

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

The approval of the Horizon 2040 plan would not, by itself, deplete energy or natural resources. However, Horizon 2040 recognizes the increase in vehicular trips as a result of the forecasted growth in population and employment through the years 2018-2040. Horizon 2040 includes strategies to protect and conserve energy and natural resources by reducing the demand for single occupant vehicle (SOV) use. These strategies include increased public transportation services and additional pedestrian and bicycling facilities. Other measures intended to reduce SOV use, thereby protecting and conserving energy and natural resources, include transportation demand management programs (e.g., Spokane County Commute Trip Reduction Program) and transportation systems management and operations strategies (e.g., intelligent transportation systems). For projects listed in Horizon 2040, measures to protect or conserve energy and natural resources, if applicable, will be identified by the responsible jurisdiction in the project-level review phase (project-specific SEPA checklist).

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?

The approval of the Horizon 2040 plan would not, by itself, use or affect environmentally sensitive areas or areas designated or eligible or under study for governmental protection. For projects listed in Horizon 2040, the likelihood of the project to use or affect environmentally sensitive areas or areas designated or eligible or under study for governmental protection, if any, will be identified by the responsible jurisdiction in the project-level review phase (project-specific SEPA checklist).

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

The approval of the Horizon 2040 plan would not, by itself, use or affect environmentally sensitive areas or areas designated or eligible or under study for governmental protection. Therefore, no measures to protect, avoid or reduce impacts to these resources are proposed or required. For projects listed in Horizon 2040, the measures to protect, avoid or reduce impacts to these resources, if applicable, will be identified by the responsible jurisdiction in the project-level review phase (project-specific SEPA checklist).

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?

The approval of the Horizon 2040 plan would not, by itself, affect land and shoreline use, or allow or encourage land or shoreline uses incompatible with existing plans. However, Horizon 2040 stresses the importance of coordination between regional transportation and land use planning. The role of SRTC is reviewing local and regional comprehensive, land use and transportation plans for consistency with Horizon 2040 are detailed in the plan. For projects listed in Horizon 2040, the likelihood of the project to affect land and shoreline use, or allow or encourage land or shoreline uses incompatible with existing plans, if any, will be identified by the responsible jurisdiction in the project-level review phase (project-specific SEPA checklist).

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

The approval of the Horizon 2040 plan would not, by itself, impact shoreline and land use. Therefore, no measures to avoid or reduce shoreline and land use impacts are proposed or required. However, the plan details the requirements, particularly under the Growth Management Act, for local and regional comprehensive, land use and transportation plans to be consistent with Horizon 2040. SRTC's role and responsibilities for ensuring consistency are stated in Chapter 1 of Horizon 2040. For projects listed in Horizon 2040, measures to avoid or reduce shoreline and land use impacts, if applicable, will be identified by the responsible jurisdiction in the project-level review phase (project-specific SEPA checklist).

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

While Horizon 2040 is a non-project action, the plan recognizes increased demand on regional transportation infrastructure, services, and facilities as the region grows. The plan contains land use forecasts through the year 2040. Using these population

and employment forecasts, SRTC conducts analysis using a travel demand model to predict future travel behavior. The demand on the regional transportation system is forecasted for the vehicular network as well as for public transportation, biking and walking. The analysis for Horizon 2040 estimates an increase of more than 379,000 vehicle trips per day by the year 2040 for the entire county. This increase in vehicular traffic is predicted to result in a 25% increase in vehicle miles traveled and a 27% increase in vehicle hours traveled on an average day in the year 2040. An additional 23,400 daily transit passenger trips is forecasted based on the land use projections and future improvements to the public transportation system. Also, nearly 270,000 walking or biking trips are forecasted to occur daily in Spokane County by the year 2040.

The approval of the Horizon 2040 plan would not, by itself, directly increase demand on public services and utilities. For projects listed in Horizon 2040, increased demands on transportation or public services and utilities, if any, will be identified by the responsible jurisdiction in the project-level review phase (project-specific SEPA checklist).

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

Horizon 2040 lists strategies to reduce or respond to future demand on the regional transportation network in a balanced multi-modal approach within the financial constraints of the plan. The strategies were developed to facilitate the movement of people, goods and services while reducing or controlling negative impacts to the existing transportation network, the environment and the quality of life of the region. Increased public transportation services and additional pedestrian and bicycling facilities are some of the projects and programs included in Horizon 2040. Reducing or controlling air quality impacts from mobile source emissions is also a crucial component of Horizon 2040. The biennial inspection and maintenance program is the primary CO control measure for Spokane County. PM-10 control measures include programs to reduce residential wood smoke, paving unpaved (dirt, gravel) roads, street sweeping programs and the use of liquid de-icers instead of sand. Other measures used to control or reduce transportation demands include transportation demand management (TDM) programs and transportation systems management and operations (TSMO) strategies. TSMO measures include intelligent transportation systems (ITS) such as traffic control, signal coordination, incident management, traveler information and weather operations. One example of a successful TDM measure in the region is the Spokane County Commute Trip Reduction (CTR) Program, which encourages the use of alternatives to the single occupancy vehicle (SOV) such as carpooling, vanpools, public transit, biking and walking. Other CTR strategies include alternative work schedules (e.g., compressed work week, flex time, telecommuting), parking management, education, information provision, ridematching, employer programs and other incentives.

For projects listed in Horizon 2040, measures to reduce or respond to demands on transportation or public services and utilities, if any, will be identified by the responsible jurisdiction in the project-level review phase (project-specific SEPA checklist).

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

Horizon 2040 does not conflict with local, state or federal laws or requirements for the protection of the environment. Horizon 2040 conforms to federal laws (40 CFR § 93.126), specifically the regulations governed by the Environmental Protection Agency (EPA) including 70 FR 37269 and 70 FR 38029. Horizon 2040 is consistent with federal regulations. The MTP must include a discussion of types of potential environmental mitigation activities and potential areas to carry out these activities, including activities that may have the greatest potential to restore and maintain the environmental functions affected by the metropolitan transportation plan. The discussion may focus on policies, programs, or strategies, rather than at the project level.

For Horizon 2040, SRTC has undertaken consultation with the Spokane Regional Clean Air Agency, the Washington State Department of Ecology and the U.S. Environmental Protection Agency. Federal and state land management agencies and the Tribes in the Inland Northwest were also contacted for input on the plan. Also, this SEPA checklist was completed as part of Horizon 2040 and distributed to relevant agencies and provided to the public for review and comment.

Horizon 2040 considers potential regional impacts to the natural and human environment through the Guiding Principles and Policies. The Horizon 2040 Strategies directly relate to the Policies and are intended to avoid, minimize and mitigate potential impacts to the environment. Specifically, *Guiding Principle 3: Stewardship* emphasizes that transportation decisions should have positive impacts to the human environment while minimizing negative impacts to the natural environment. Policy 3a reinforces this: “Ensure transportation decisions minimize impacts to natural resources and conserve non-renewable resources.” No adverse impacts to the human or natural environment are foreseen as a result of the Policies and Strategies in Horizon 2040.

Also **Strategy 6: Protect the natural environment** discusses that protecting the natural environment including air, soil and water quality is a requirement for regional funding for all transportation projects by:

- Requiring environmental protection and/or remediation activities be an integral component of all transportation projects submitted for regional calls for projects
- Ensuring that Horizon 2040, both on a regional scale and at the project level, is in compliance with Federal and State Conformity and Air Quality regulations
- Ensuring the Congestion Management Air Quality (CMAQ) projects funded through SRTC are improving air quality

The Horizon 2040 Strategies are regional in scope and may not address impacts at the local or project-level where they are the responsibility of the sponsor agency. Therefore, potential conflicts with local, state, or federal laws or requirements for the protection of the environment for specific projects listed in Horizon 2040, if any, will be identified by the responsible jurisdiction in the project-level review phase (project-specific SEPA checklist).