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SEPA ENVIRONMENTAL CHECKLIST

1. Name of proposed project, if applicable: Auburn Way South Corridor Safety Improvements (Muckleshoot Plaza to Dogwood St SE); CP1218
2. Name of Applicant: Matthew Larson

3. Address and phone number of applicant and contact person:
   A. Applicant: 25 West Main St Auburn, WA 98001 Agent (if applicable): n/a

4. Date checklist prepared: 11/19/2015

5. Agency requesting checklist: City of Auburn

6. Proposed timing or schedule (including phasing, if applicable): Begin Construction – July 2016; End Construction – May 2017

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain. The City has two other roadway improvement projects directly to the east on the Auburn Way South corridor which are currently finishing up construction; Auburn Way South Pedestrian Improvements, Dogwood St SE to Fir St SE project (CP1118) and Auburn Way South Corridor Improvements, Fir St SE to Hemlock St SE (CP1119). The City also has future plans to continue improvements along Auburn Way South (SR 164) to the east from Hemlock St SE to Academy Dr SE and on Riverwalk Dr SE from Auburn Way South to Howard Rd SE. Both of these projects are currently unfunded and do not have established defined timetables.

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal. NEPA CE was prepared and approved by WSDOT and FHWA in September 2015. The following documents were prepared as part of the NEPA documentation:
   Air Quality (Hot Spot) Analysis
   Environmental Justice Memorandum
   USDFW IPaC Trust Resource Report
   Cultural/Historic Resources Report including Area of Potential Effect (APE)

   NPDES Construction Stormwater NOI will need to be prepared;

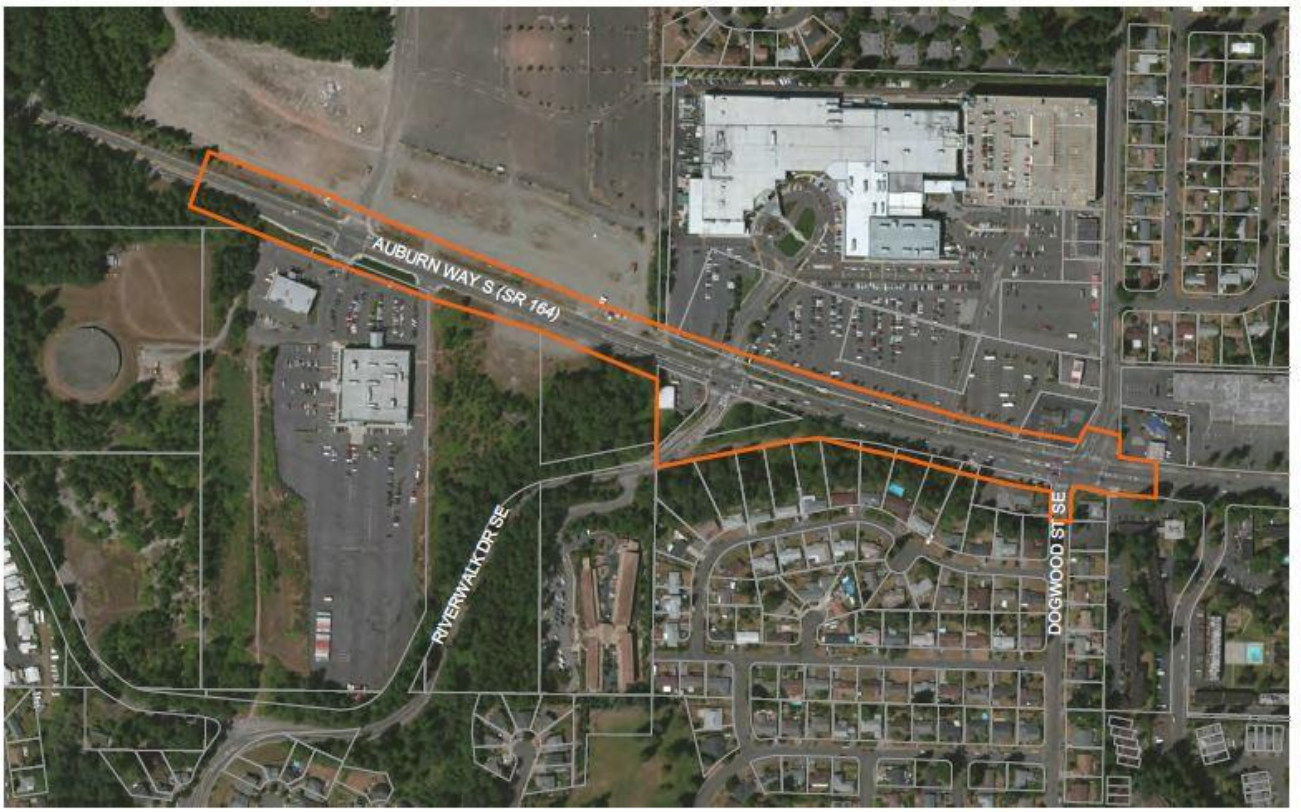
9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain. None are known at this time.

10. List any government approvals or permits that will be needed for your proposal, if known.
    SEPA Determination;
    Washington Department of Ecology, NPDES General Construction Permit
    City of Auburn, City Engineer approval of Construction Documents; and
    City Council Bid and Contract Award approvals.

11. Give a brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You need not repeat those answers on this page. This project improves access management,

provides u-turns, upgrades transit stops, and street lighting, widens roadway to accommodate turn lanes and pedestrians and bicycles, constructs pervious concrete sidewalks, upgrades pavement markings, installs pedestrian signals and audible pedestrian push buttons, and upgrades traffic signals to change phasing and to improve the visibility of the signal heads. Project improvements would occur along an approximate 0.60 mile/3,180 foot section of Auburn Way South and also includes improvements at three intersections – Muckleshoot Plaza, Riverwalk Drive SE, and Dogwood Street SE.

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 Auburn Way South Corridor Safety Improvements project is located in Auburn, King County, Washington and incorporates an area within Township 21N, Range 05E, Section 20, Willamette Meridian. The purpose of the project is to improve access management and safety along Auburn Way South (SR 164) from the intersection at Muckleshoot Plaza to intersection at Dogwood St SE. Project improvements are located primarily within existing right-of-way, but property acquisition will be required to construct the project. Refer to Figure 1 below for the location of the proposed project.



ENVIRONMENTAL ELEMENTS

1. Earth

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)? The general topography along the roadway corridor is flat with the steepest slope of the main roadway (Auburn Way South) being approximately 5%. Most of the adjacent side slopes are also flat with the occasional ditch section. However, there is a steep (approximately 5o%) slope proposed which will run adjacent to the roadway on the south side of Auburn Way South between Riverwalk Drive SE and Dogwood St SE. Riverwalk Drive SE as it approaches Auburn Way South from the south has a fairly steep grade at approximately 15%. This project proposes no change to the exiting grade at the Riverwalk and Auburn Way South intersection.

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. The project area consists primarily of impervious surfaces (i.e., roadways, parking lots, and driveways). The USDA Web Soil Survey King County Area, Washington (WA633) Soils Maps classifies the soils at the site consists mostly of Pits material (58%) but the area also includes Arents, Everett material (An), Everett Gravelly Sandy Loam, 15 to 30 percent slopes (EvD), and Everett Gravelly Sandy Loam, 0 to 5 percent slopes (EvB). There is no prime farmland within or adjacent to the project site.

D. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe. The existing roadway embankment slopes on the north and south sides of Auburn Way South were graded during construction of Auburn Way South. No surface indications of unstable soils have been observed. No history of unstable soils in the immediate vicinity is known.

E. Describe the purpose, type, and approximate quantities of any filling or grading proposed. Indicate source of fill. The project construction is anticipated to minimize cut and fill, utilizing native materials as much as is appropriate. Cut and fill quantities are estimates at this time. Construction of the project improvements are anticipated to require approximately 6300 cubic yards of fill material. Fill materials will be imported material from a certified borrow pit if native material is not appropriate for the application.

F. Could erosion occur as a result of clearing, construction, or use? If so, generally describe. Localized erosion of material could occur during the construction of the project. However, Contract Specifications will require any such erosion be contained at the site through the development and implementation of a Temporary Erosion and Sedimentation Control (TESC) Plan consistent with City standards.

G. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)? The following impervious surface data is approximate. Currently approximately 60 percent of the project area is comprised of impervious surfaces. This percentage remains unchanged after construction. Even though this project widens Auburn Way South, the existing cement concrete sidewalks will be constructed of pervious concrete and raised landscaped medians will be added to allow for stormwater infiltration.

H. Proposed measures to reduce or control erosion, or other impacts to the earth. Erosion control measures consistent with City Standards and Best Management Practices (BMPs) will be implemented during construction. BMPs used to control erosion will include, but are not limited to, inlet protection, silt fence, street sweeping, and temporary cover measures. A stormwater pollution prevention plan (SWPPP) will be developed for the proposed project as well as temporary erosion and sediment control plans.

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 know. Short-term emissions including dust, odor and exhaust emissions will occur from

equipment and paving operations during construction. This project does not add new traffic signals to previously un-signalized intersections. However, this project does widen Auburn Way South west of Riverwalk Dr. SE to add a second left turn lane (eastbound to northbound) and adds a lane northbound on Riverwalk Dr SE to separate the traffic movements. Based on the Air Quality (Hot Spot) Analysis performed for the Auburn Way South and Riverwalk Dr SE intersection there are no air quality issues. See attached.

B. Are there any off-site sources of emissions or odors that may affect your proposal? If so, generally describe. There are no known off-site emission sources or odors associated with this project.

C. Proposed measures to reduce or control emissions or other impacts to air, if any: During construction the following measures are proposed to reduce or control emissions and other impacts to air:
   - Contract specifications will require the development and implementation of dust control measures consistent with City standards.
   - Vehicles and construction equipment will meet exhaust standards.
   - When not in use, construction equipment and vehicles will be turned off.

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. There are no surface water bodies within the project area. The closest water body is the White River located approximately 1,000 feet south of the project.

   2) Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans. No, the project will not require any work over, in, or within 200 feet of any body of water.

   3) Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material. No filling or dredging is associated with any surface water or wetland area.

   4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known. No surface water will be withdrawn or diverted in the course of this project.

   5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan. Per FEMA, the project site is outside 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, the proposal would not involve any discharge of waste materials 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 nor any water directly discharged to groundwater as a part of this project. The project does include infiltration facilities for storm water runoff.

   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 any toxic 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) is (are) expected to serve. No septic or other waste materials will be discharged into the ground as a result of this proposal.

C. Water Runoff (including storm water)

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. The source of runoff from the project site would be from the roadway, driveways, and sidewalk areas. Currently, stormwater runoff either flows to the shoulder and into an existing vegetated area, ditches, or drains to catch basins on the curb and into the City's storm sewer system. New catch basins and pipe will collect storm water runoff from the site's impervious surfaces and convey the runoff into the existing storm sewer system. Porous concrete sidewalks and landscaped medians will be constructed to minimize the stormwater runoff.

2) Could waste materials enter ground or surface waters? If so, generally describe. Waste material, including diesel fuel and lubricating oils, from accidental leakage from heavy equipment and vehicles could enter ground or surface waters. Best Management Practices will be implemented to reduce or avoid potential discharges.

D. Proposed measures to reduce or control surface, ground, and runoff water impacts, if any: A SWPPP will be prepared prior to construction and a temporary erosion control plan using best management practices (BMPs) will also be prepared and used to control storm water runoff during construction. Storm water measures will be installed consistent with the City of Auburn's Surface Water Management Manual.

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 **Ferns, Himalayan Blackberry**

B. What kind and amount of vegetation will be removed or altered? Construction will require the removal of vegetation along the south side of Auburn Way South. An area of approximately 50,000 square feet (1.15 acre) will be cleared. Vegetation to be removed includes trees, shrubs, and grasses.

C. List threatened or endangered species known to be on or near the site: There are no threatened or endangered species known to be on or near this area..

D. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any: Street trees will be installed along the frontage of the site on Auburn Way South as well landscaped medians as a directional barrier for traffic.

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: geese, ducks, crows, etc.
- Mammals: deer, bear, elk, beaver, other: **squirrels**
- Fish: bass, salmon, trout, herring, shellfish, other:

B. List any threatened or endangered species known to be on or near the site. There are no known threatened or endangered species in the vicinity of the project.

C. Is the site part of a migration route? If so, explain. Yes. While the project site does not contain habitat, the Green River Valley is part of the Pacific Flyway for migratory birds.

D. Proposed measures to preserve or enhance wildlife, if any: This project is not expected to have any negative impacts to any endangered animal species. After construction, the grass and trees planted as part of the landscape plan may provide shelter and habitat for small mammals and songbirds.

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. Petroleum products will be used for equipment during construction. After construction, operation of the signal at Hemlock Street SE and Auburn Way South and the street lighting will require electricity. The amount of electricity required will not require any new sources of energy.

B. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe. No.

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: LED street lighting and LED traffic signals are proposed for this project. LED lighting and traffic signals have a lower power consumption compared to traditional traffic signals and lighting and also have a longer life which reduces maintenance costs.

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. Accidental spills of oils and lubricants from construction equipment could occur. During operation, no health hazard impacts are anticipated.

1) Describe special emergency services that might be required: Local fire, police aid unit or ambulances may be required in case of an accident or injury during construction or during operations.

2) Proposed measures to reduce or control environmental health hazards, if any: Contractors will be utilizing best management practices and trained personnel to reduce the risk of spills, fires, and injuries during construction. The Contract will require the contractor to prepare and implement a Spill Prevention, Control , and Countermeasure (SPCC) plan.

8. Noise

A. What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)? Existing noise is from existing traffic volumes, which would not affect this project.

B. 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. It is anticipated that construction equipment such as dump trucks, front-end loaders, excavators, pavement grinders, and pavers will temporarily generate noise during regular working hours between 7:00 am and 6:00 pm on weekdays.

Any construction work between the hours of 7:00 pm and 7:00 am during weekdays and between the hours of 6:00 pm and 9:00 am on weekends or holidays may be subject to noise control requirements, as determined by the City of Auburn. Permission to work during restricted times would require approval by the City of Auburn.

Operation does not result in any long-term changes in noise levels.

C. Proposed measures to reduce or control noise impact, if any: Construction activities related to the project are temporary and will be required in the contract documents to adhere to noise control measures consistent with City standards and ordinances.

9. Land and Shoreline Use

A. What is the current use of the site and adjacent properties? The current site is an existing roadway and the adjacent properties are a mixture of single family residential, government uses, commercial developments, and vacant land.

B. Has the site been used for agriculture? If so, describe: There are no known agricultural uses in the project area.

C. Describe any structures on the site: The public right-of-way consists of asphalt pavements, numerous underground utilities, signs, poles, and other roadway objects. There are residential and commercial buildings within the project area, but none will be impacted by the project. Small property acquisitions will be required to construct the project.

D. Will any structures be demolished? If so, what? Existing asphalt pavements, landscaping, and utilities will be demolished and restored as needed to construct the proposed improvements. No buildings will be demolished.

E. What is the current zoning classification of the site? The current zoning classification to the north of Auburn Way South is classified as R5 and C3 (Heavy Commercial). Zoning to the south of Auburn Way South is classified as R20, C3 (Heavy Commercial), R7, and C1 (Light Commercial).

F. What is the current comprehensive plan designation of the site? The current comprehensive plan designation to the north of Auburn Way South is Single-Family Residential and Heavy Commercial. To the south of Auburn Way South, the project site is designated High Density Residential, Heavy Commercial, Single-Family Residential, and Light Commercial.

G. If applicable, what is the current shoreline master program designation of the site? The project does not occur within a shoreline jurisdiction.

H. Has any part of the site been classified as an "environmentally sensitive" area? If so, specify: The site is within a Zone 4 Ground Water Protection area.

I. Approximately how many people would reside or work in the completed project? None. The project improves the roadway.

J. Approximately how many people would the completed project displace? None, the project does not require any displacements.

K. Proposed measures to avoid or reduce displacement impacts, if any: No displacements would occur; therefore no measures will be taken.

L. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any: None are required. The project is identified in the 2016 to 2021 City of Auburn Transportation Improvement Program.

HOUSING

A. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing. None.

B. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing. None.

C. Proposed measures to reduce or control housing impacts, if any: Does not apply.

AESTHETICS

A. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed? Not applicable. No new buildings are proposed.

B. What views in the immediate vicinity would be altered or obstructed? The views of the project site would be altered with the addition of an eastbound Auburn Way South left turn lane at Riverwalk Drive SE, new curbs, sidewalks, street lights, street trees, and raised and landscaped medians.

C. Proposed measures to reduce or control aesthetic impacts, if any: There are no anticipated negative aesthetic impacts. The project includes street trees and raised/landscaped medians. Locations and types of street trees and landscaping are subject to change prior to final design and construction.

LIGHT AND GLARE

1. What type of light or glare will the proposal produce? What time of day would it mainly occur? Construction vehicles are a potential source of glare and would be present only during the length of the construction during working hours.

   During operation, headlights from vehicles using the road may produce glare. However, the existing vehicles using the existing road already produce glare. The project includes enhancing the existing street lighting. The street lighting would increase safety for vehicular traffic, pedestrians, and bicyclists.

2. Could light or glare from the finished project be a safety hazard or interfere with views? Any light or glare from the finished project should not be a safety hazard and is not anticipated to interfere with views.

3. What existing off-site sources of light or glare may affect your proposal? No existing off-site sources of light or glare will affect the project.

4. Proposed measures to reduce or control light and glare impacts, if any: None. No negative light and glare impacts are anticipated to result from the project. Enhanced street lighting is anticipated to provide a safety benefit.

RECREATION

1. What designated and informal recreational opportunities are in the immediate vicinity? No known informal recreational opportunities are in the immediate vicinity. Approximately 1/2 mile northeast of the site is a City of Auburn park, Shaughnessy Park, which has a basketball court, children's playground, an open grassy area, and a wooded area. Approximately 1/4 mile to the south of the site is a City of Auburn park, Rotary Park, which has a basketball court, children's playground, and an open grassy area. No other designated recreational opportunities are in the immediate vicinity.

2. Would the proposed project displace any existing recreational uses? If so, describe. No recreational uses would be displaced by the project. Delays to pedestrians and vehicular traffic should be expected only during construction of the project.

3. Proposed measures to reduce or control impacts on recreation including recreation opportunities to be provided by the project or applicant, if any: None are proposed.

HISTORIC AND CULTURAL PRESERVATION

1. 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.

2. Generally describe any landmarks or evidence of historic, archaeological, scientific, or cultural importance known to be on or next to the site. A database search was conducted using Washington Information System for Architectural and Archaeological Records Data (WISAARD) at the Washington State Department of Archaeology and Historic Preservation (DAHP). The database search did not identify any landmarks or evidence of historic, archaeological, scientific, or cultural importance in the study area.

   A cultural resources report was completed as a requirement of the NEPA DCE and is attached.

3. Proposed measures to reduce or control impacts, if any: Construction activities associated with the project will largely occur within areas that have been previously disturbed; however, because of the location of the project area within a portion of the Muckleshoot Tribe reservation and properties owned by the Muckleshoot Tribe monitoring has been recommended during construction. In addition, an Unanticipated Discovery Plan (UDP) was prepared for the project which identifies the procedures to be followed for the unanticipated discovery of cultural resources and human skeletal remains.

TRANSPORTATION

1. Identify public streets and highways serving the site, and describe proposed access to the existing street system. Show on site plans, if any. Access to the site is obtained by the following streets, with the functional roadway classification provided in parenthesis: Auburn Way South (Principal Arterial), Riverwalk Drive SE (Minor Arterial), and Dogwood St SE (Minor Arterial to the north and Urban Residential Collector to the south). Refer to Figure 1 for the location of the roadways in the project area. There will be temporary disruptions of access to the existing street system during construction.

2. Is site currently served by public transit? If not, what is the approximate distance to the nearest transit stop? King County Metro bus stops are located throughout the project limits providing service in both directions of Auburn Way South. Construction activities may require the temporary closure of these transit locations; however, temporary stop(s) will be implemented to ensure transit service to the project area is maintained. Coordination with King County Metro will occur prior to construction.

3. How many parking spaces would the completed project have? None. How many would the project eliminate? This project will eliminate approximately five parking spaces at the Cash America Pawn Shop due to the roadway widening. However, the parking spaces being eliminated are within the current Right of Way limits.

4. 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): The proposed project does not require any new roads. The proposed project improves capacity and safety on the existing public roadways in the project area.

5. Will the project use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe: The project will not use, or occur in the immediate vicinity of, water, air, or rail transportation.

6. How many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur. The project does not generate any new vehicular trips. The project modifies existing roadways, changing existing vehicle movements at the intersection of Auburn Way South and Riverwalk Drive SE as well as adding U-turn movements at Muckleshoot Plaza and Dogwood St SE. Existing peak volumes for Auburn Way South occur during commute hours (generally 7-9 am and 4-6 pm), and the project will have no effect on when the peak volumes occur.

7. Proposed measures to reduce or control transportation impacts, if any: Traffic control plans will be required of the contractor during construction to ensure minimal disruption to traffic and to maintain access to nearby businesses and residences. At least one lane in each direction will remain open at all times to maintain traffic flow. Also, construction activities may require the temporary closure of transit locations; however, temporary stop(s) will be implemented to ensure transit service to the project area is maintained. Coordination with King County Metro will occur prior to construction.

PUBLIC SERVICES

1. 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: No. The project will not result in an increased need for public services. The proposed project improves capacity and safety on the existing roadways.

2. Proposed measures to reduce or control direct impact on public services, if any: Construction activities may require the temporary closure of these transit locations; however, temporary stop(s) will be implemented to ensure transit service to the project area is maintained. Coordination with King County Metro will occur prior to construction.

UTILITIES

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

2. 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: The project will construct water, storm drainage, illumination, traffic signal, and fiber optics improvements associated with the roadway improvements. The project will also construct or relocate private utilities including: power (Puget Sound Energy), telecommunications (Century Link), and cable (Comcast).

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.

OWNER/AGENT SIGNATURE: ***[Signature on File]***

DATE SUBMITTED: ***Revised – January 28, 2016***