



Seattle Department of Transportation

**2014 Pedestrian Projects – South, Rainier
Group
Seattle, Washington**

SEPA Checklist

January 23, 2014

STATE ENVIRONMENTAL POLICY ACT (SEPA) ENVIRONMENTAL CHECKLIST

A. BACKGROUND

1. Name of proposed project, if applicable:

2014 Pedestrian Projects – South, Rainier Group

2. Name of applicant:

Seattle Department of Transportation (SDOT)

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

Megan Hoyt
SDOT
PO Box 34996
Seattle, Washington 98124-4996
206-684-5127

4. Date checklist prepared

January 15, 2013

5. Agency requesting checklist:

SDOT

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

Construction is planned for the summer months, July through early December of 2014

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

This project is a pedestrian improvement project that will construct sidewalks, curb ramps and curb bulbs. While not part of this contract, SDOT expects to resurface the roadway along 23rd Ave S after the sidewalk construction is completed. A separate environmental review will be done for this project.

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

An EZ-1 form was prepared for Washington State Department of Historic and Cultural Resources Review.

9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain.

There are no known pending applications for other proposals affecting the project area.

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

- National Pollutant Discharge Elimination System Permit, Washington Department of Ecology
- SDOT Street Use Permit
- (Potentially) Noise Variance (DPD)

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.)

SDOT is planning to construct a sidewalk along 23rd Ave S from S Waite St to S College St, as well as along two blocks of S College St between 23rd Ave S and Rainier Ave S. Curb bulbs and ramps will be constructed at Rainier Ave S and S Walker St. Curb ramps will be constructed at the intersections of 23rd Ave S and S Walker St, and MLK Jr Way S and S Walker St. Sidewalks on the east side of the street 23rd Ave S will be six feet wide concrete installations. Residential access impacted by the project will have their connections to the roadway repaired. A new open space will be constructed, on the east side of 23rd Ave S, at, and just north of, S Bayview St. Please see Figure 1 for locations of project improvements.

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.

As described in the prior section, this environmental review is for sidewalk, curb ramp and curb bulb construction in southeast Seattle. All work is within City right-of-way located in King County.

ENVIRONMENTAL ELEMENTS

1. Earth

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

Hilly on the western edge of the project grouping with some steep slopes dropping to a flat valley that Rainier Ave S runs through and sloping up again east of Rainier. Intersections are flat or sloping mildly. 23rd Ave S slopes downhill from the south to the north until it meets Rainier Ave S where it flattens out.

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

23rd Ave S and the west side of S Walker St at MLK Jr Way S have approximate slopes of ten percent and are the steepest slopes on the project. Slopes will not be significantly changed by this project.

- 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.**

There are three predominant soil types within the project: Qpnf, silt/sand/peat from non-glacial deposits; Qvlc, silt/clay on the steeper slopes formed by deposited in lowland glacial lakes; and Qal, silt/sand/gravel alluvial deposits from outwash deposits on the low lying flat valley running along the route of Rainier Ave. S. These soils are characterized as having stratified sand and gravel that is moderately to well sorted with less common silty-sand and silt.

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

The Rainier Valley is within a potential liquefaction zone. There are potential liquefaction areas, known slide areas and potential slide areas along the eastern side of 23rd Ave S along the entire project alignment. The project is not expected to change the existing slopes or destabilize the slide area.

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

In areas where sidewalk is being constructed, the project will require approximately 6 to 12 inches of excavation to accommodate the increased thickness of the new paving.

The sidewalk and driveway repair for the project will require approximately:

- 360 tons of mineral aggregate
- 715 tons of warm and hot-mix asphalt
- 245 cubic yards of concrete
- 325 cubic yards of native material excavated

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

Disturbed areas of the project site could be susceptible to erosion during pavement and concrete removal operations. Construction will be phased, limiting the area of exposed soil. Appropriate best management practices (BMPs) will be implemented to ensure that erosion is minimized.

The total area of soils disturbance for this group of projects is 1.06 acres.

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

The project will change impervious surface by adding new impervious materials for sidewalks and curb bulbs, and adding new pervious surface at the intersection of 23rd Ave S and S Bayview St and along S College St.

Sidewalk construction will add 16,425 square feet of impervious surface; driveways and roadways will add 12,825 square feet of impervious surface. The total of new plus replaced impervious surface is 29,250 square feet.

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

Construction stormwater Best Management Practices (BMPs) will be implemented and maintained to contain loose material, prevent erosion and prevent offsite damage during construction, in accordance with the City's Standard Specifications for Road, Bridge, and Municipal Construction, along with the Seattle Stormwater Code.

The contractor will be required to submit and follow a Stormwater Pollution Prevention Plan (SWPPP) and a Spill Plan during mobilization and construction. Contractors must comply with the Washington Department of Ecology National Pollutant Discharge Elimination System (NPDES) Construction Stormwater General Permit and the City of Seattle's stormwater code.

2. Air

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

Construction:

The typical sources of emissions during construction of transportation projects include:

- Fugitive dust generated during the excavation, grading, and other construction activities;
- Engine exhaust emissions from construction vehicles, work vehicles, and construction equipment;
- Increased motor vehicle emissions associated with increased traffic congestions during construction; and
- Volatile organic and odorous compounds emitted during asphalt paving.

The total emissions and timing of the emissions from these sources would vary depending on the phasing of the project and construction methods.

The project is estimated to result in approximately 650 metric tons of carbon dioxide equivalent (MTCO_{2e}), which accounts for the manufacture of paving materials, construction related emissions, and maintenance of the pavement over its expected life cycle.

This estimate was calculated using a conservative emissions factor of 50 MTCO₂ per 1,000 square feet of new pavement (29,250 square feet), developed by King County from an analysis of several different life cycle assessments of the environmental impacts of roads. It is important to note that these studies estimated the embodied emissions for streets. Paving that includes sidewalks would likely use less cement and hence have lower embodied emissions.

After Construction:

The project is not expected to result in increased emissions. Having more sidewalks encourages pedestrian travel which generates less greenhouse gas emission than vehicular travel.

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

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

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

During construction, impacts to air quality would be reduced and controlled through implementation of standard federal, state, and local emission control criteria, in accordance with the City's Standard Specifications for Road, Bridge, and Municipal Construction. The City's Standard Specifications require that contractors maintain air quality to comply with the National Emission Standards for Hazardous Air Pollutants and National Ambient Air Quality Standards.

Reducing air quality impacts during construction could involve such measures as spraying areas of exposed soil with water for dust control, periodically cleaning streets in the construction zone, and minimizing vehicle and equipment idling to limit exhaust emissions.

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 on or in the immediate vicinity of the site.

- 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.**

There will not be any work over, in, or adjacent to surface waters.

- 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 material will be removed from or placed in surface water or wetlands.

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

This proposal does not require any surface water withdrawals or diversions.

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

No, the project area is not within a 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.**

After completion, the project will not produce or discharge waste materials to surface waters. During construction stormwater BMPs will be used to prevent discharge of waste materials or sediment to drainages that lead to surface water.

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.**

There will be no dewatering on this project. The areas of excavations do not reach depths that would encounter groundwater.

- 2) **Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, containing the following chemicals ; agricultural; etc.). Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve.**

No waste material will be discharged into the ground during or as a result of this project.

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.**

This project is within a partially separated storm drainage system that outfalls through the Diagonal Ave S drainage into the Duwamish River.

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

During construction, there is a small potential that waste materials (e.g. oil and grease) from construction equipment could run off from the site and enter groundwater or surface water if soils are exposed where existing paving has been removed. However, only minimal patches of soils are likely to be exposed during this project and BMPs. will be implemented to ensure that waste materials do not enter ground or surface waters. Concrete cutting could result in a slurry mixture that is vacuumed up as part of normal BMPs. A spill of this slurry could adversely affect the pH of the stormwater or groundwater. Waste materials would not enter ground or surface waters after the project is complete.

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

During project construction: BMPs will be implemented to control stormwater runoff onto and from the site in accordance with the City's Standard Specifications for Road, Bridge, and Municipal Construction and the Seattle Stormwater Code as well as the

NPDES permit requirements and the Stormwater Pollution Prevention Plan developed by the contractor

Post-Construction: The project is designed to meet the current City of Seattle Stormwater Code including stormwater flow control, on-site stormwater controls and stormwater treatment.

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

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

Following the evaluation of the City Arborist trees may be trimmed or removed along project boundaries to provide for pedestrian safety and the sustainability of the sidewalk installation. Several existing trees along 23rd Ave S will be removed to accommodate the sidewalk.

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

There are no threatened or endangered species known to be in or near the project sites.

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

Areas suitable for landscaping will be planted with trees and plants suitable for urban environments. The disturbed areas that will remain unpaved are limited to the planting strip between the sidewalk and the curb, disturbed area behind the new sidewalk, and in the new planting area at 23rd Ave S and S Bayview St. Unsafe trees and non-native vegetation will be removed if it is within the project's area of disturbance.

The City will install replacement trees along 23rd Ave S at a 2:1 ratio, when possible.

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 (indicated by bold, underlined font):**

birds: hawk, heron, eagle, songbirds, other: **crows, pigeons, starlings, and house sparrows are common urban species that could occur in the project area.**

mammals: deer, bear, elk, beaver, other: **rodents, including rats and squirrels, and raccoons are common urban species that could occur in the project area.**

fish: bass, salmon, trout, herring, shellfish, other: **There are no streams or surface waters in the project area, therefore there are no fish.**

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

The project area provides very little habitat. As a result, listed threatened and endangered wildlife species are not known to occupy the project area.

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

The project is within a principal route of the North American Pacific Flyway. However, this project does not alter or remove any habitat that would that would affect migrating birds.

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

The project would not materially affect wildlife and therefore not include special measures to preserve or enhance wildlife. The work area within the right-of-way does not contain habitat for wildlife.

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.**

No additional energy needs are associated with the completed project.

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

The project does not involve building structures or planting vegetation that would block access to the sun for adjacent properties.

- c. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any:**

There are no proposed energy using installations associated with these projects and therefore no energy saving features are proposed.

7. Environmental health

- a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur as a result of this proposal? If so, describe.**

Potentially hazardous materials likely to be present during construction include gasoline and diesel fuels, hydraulic fluids, oils, lubricants, solvents, paints, concrete and other chemical products. A spill of one of these substances could occur during construction as a result of either equipment failure or worker error.

In the unlikely event that contaminated soils, sediments or groundwater are inadvertently exposed during removal of existing paving, the contaminated substances could expose construction workers and potentially other individuals in the vicinity through blowing dust, stormwater runoff, or vapors.

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

No special emergency fire or medical services will be required during construction or operation.

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

A Health and Safety Plan will be developed by the construction contractor before work commences. This plan will provide information on any toxic substances that may be associated with the project and outline safe procedures for handling any of these substances. Encounters with unanticipated contamination during construction will result in a revision to the plan if necessary to address additional precautions that will be taken for health and safety of workers, the public and the environment.

A Spill Plan will be developed in accordance with the City's standard specifications and submitted to the City for approval prior to construction. Contaminated materials that are encountered during construction will be contained and disposed of in a manner consistent with the level of contamination, in accordance with federal, state and local regulatory requirements, by a qualified contractor(s) and/or City staff.

b. Noise

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

There are no sources of noise that will affect the project.

- 2) What types and levels of noise would be created by or associated with the project on a short-term or a long-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site.**

Noise levels in the vicinity of construction will temporarily increase during construction activities. Noise levels within 50 feet of construction equipment may exceed 90 dB for short periods of time. However, short-term noise from construction equipment will be limited to the allowable maximum levels specified in the City of Seattle's Noise Control Ordinance (SMC 25.08.425 – Construction and equipment operations).

Noise from construction equipment could occur between the hours of 7 am and 10 pm weekdays, and 9 am to 10 pm on the weekends during construction. Although not expected, if there is a need for work outside these times to minimize traffic impacts, the project will request a noise variance permit to allow some construction work at night.

After completion of the project, occasional noise from equipment used for on-going routine maintenance and repair will occur, but would be limited to 7 am to 10 pm weekdays and 9 am to 10 pm weekends.

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

SMC 25.08.425, which prescribes limits to noise and construction activities, will be fully enforced while the project is under construction.

The following measures may be used to minimize noise impacts during construction:

- Whenever possible, operation of heavy equipment and other noisy activities would be limited to non-sleeping hours.
- Effective mufflers would be installed and maintained on equipment.
- Equipment and vehicle staging areas would be located as far from residential areas as possible.
- Idling of power equipment would be minimized.

8. Land and shoreline use

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

All of the sidewalks are being constructed within the City right-of-way areas. Adjacent properties are residential or commercial. King Count Metro (see 14B for listed bus routes) has bus stops within the project area.

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

No, the project area has not been used for agriculture in recent history.

- c. Describe any structures on the site.**

The project occurs within the City limits and will support developed urban environments. Aside from buildings adjacent to the project sites, structures along the corridor include utility poles with

street lights, bus trolley electrical lines and signal systems; underground structures for drainage, electrical, and water; and other utilities.

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

Demolition of existing structures is not planned as part of the proposed project.

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

23rd Ave S from S College St to S Bayview St is zoned single family 5000, 7200, 9600 with retail at street level. Rainier Ave S and S Walker St, 23rd Ave S are zoned Commercial 1 and Commercial 2. S Walker St and MLK Jr are zoned Commercial 1 and Commercial 2 on the west side and single family 5000, 7200, 9600 and Neighborhood Commercial 1, on the east side.

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

The project area is designated as part of the North Rainier Urban Hub on the Future Land Use Map in the May 2013 updated City of Seattle Comprehensive Plan. Areas of commercial mixed use, single family residential and a transportation hub are in or near the project area.

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

There are no designated shorelines within the project area.

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

The project on the east side of 23rd Ave S is partially within a potential slide and a known slide area. The project at the corner of 23rd Ave S and S Walker St and a portion of 23rd Ave S at S College St are within a liquefaction area. There are several wildlife habitat areas nearby, but not within the project area.

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

No people will reside or work in the completed project.

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

No people will be displaced by the project.

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

Not applicable.

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

The sidewalk project is consistent with the City of Seattle's Comprehensive Plan "Toward a Sustainable Seattle" as well as being consistent with the actions prioritized in the Pedestrian Master Plan. These improvements also follow recommendations in community plans, including the

Southeast Transportation Study. This project combines several separate projects including safe routes to school, ADA compliant curb ramps, curb bulbs to improve pedestrian crossings and community open space.

9. Housing

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

Not applicable, this project does not involve the construction of any housing units.

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

Not applicable; this project does not eliminate any housing units.

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

Not applicable; this project does not have any housing impacts.

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?**

No structures will be built as part of this sidewalk repair and construction project.

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

No view impacts are expected to result from this project. The trees that are planted will not obstruct any view corridors.

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

As no aesthetic impacts are expected from this project, no mitigation measures for aesthetic impacts are planned.

11. Light and glare

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

During Construction: If the project work were to occur after daylight hours, the contractor might use portable lighting to aid in construction.

After Construction: No light or glare will be produced by the proposal.

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

Not applicable.

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

There are no existing off-site sources of light or glare that would affect the project.

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

Not applicable.

12. Recreation

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

There are no formal or informal recreational opportunities in the immediate vicinity of the project.

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

No. The project intends to construct sidewalks and improve mobility throughout the neighborhood.

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

Not applicable, there are no formal or informal recreational opportunities in the immediate vicinity of the project.

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.

There are no known historic places or objects in the vicinity of the project and no historic places or objects known to be eligible for listing with the National Register of Historic Places. This project will not affect the surrounding buildings. Trees planted in the planting strip may obscure the view of the buildings from the road, but not change the view of the buildings from the sidewalk.

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

During project planning, SDOT sent a map and description of the project to the Washington State Department of Archeological and Historic Preservation (DAHP) for its opinion on the likelihood of the project adversely affecting historic, archeological or cultural resources and reviewed the property location in the Washington Information System for Architectural and Archeological Records Data (WISAARD). DAHP's review of this project found it "unlikely that the project as proposed will adversely impact important cultural resources in the project area".

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

Should evidence of cultural remains, either historic or prehistoric, be encountered during excavation, work in the immediate area will be suspended, and the find will be examined and documented by a professional archaeologist in accordance with State law. Decisions regarding appropriate mitigation and further action would be made at that time.

14. Transportation

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

The project takes place in the right of way of existing streets. 23rd Ave S, S Waite St, S College St, Rainier Ave S, S Walker St, and MLK Jr Way S.

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

This is a linear project rather than a single parcel. The area is heavily served by public transportation, but has no public transportation stops within the project boundaries.

The following three trolley busses serve the area.

- 4 (East Queen Anne Hill to Downtown Seattle to Judkins Park)
- 14 (Mount Baker to Downtown Seattle)
- 7/7x (Rainier Beach to Downtown Seattle)

The area is also served by three standard bus routes and the Link Light Rail as listed below.

- 8 (Seattle Center to Capitol Hill to Rainier Beach)
- 9/9x (Rainier Beach to Columbia City to Broadway)
- 48 (Mt Baker to University District to Loyal Heights)
- Link Light Rail from Westlake Center to SeaTac Airport.

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

During construction, existing parking in the right-of-way would be unavailable in the work zone. 23rd Ave S on-street parking will not be changed by construction. The residents in the project area have driveways and other parking lots.. Property access may be reconfigured to conform to City standards.

Construction of the curb bulb at Rainier Ave S and S Walker St will eliminate approximately eight parking spaces. Four of these spaces are not currently legal spaces since they are within or in close proximity to an intersection. S College St will have a number of parking spaces added after the sidewalk is complete.

- 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).**

No new roads or streets are proposed for this project. Street improvements will be limited to what is necessary to build, repair or improve the sidewalk adjacent to the street. Curbs, sidewalks, and minor new drainage will be built as part of this project. A separate SDOT project will resurface 23rd Ave S following construction of the new sidewalk.

- e. 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 impact any water, rail or air transportation. The project is within walking distance of a rail line and will improve pedestrian connectivity to the Link Light Rail system.

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

The number of vehicular trips and peak volumes are not expected to change as a result of the proposed project. Construction-related traffic (i.e., large trucks and materials hauling) will occur temporarily during the construction period. The project may reduce vehicle use by allowing for safer pedestrian alternative travel.

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

There will be no negative transportation impacts. This project will improve pedestrian safety and access to public transportation options. During construction SDOT will implement the following to minimize construction impacts to traffic.

- SDOT will work to minimize disruptions and maintain adequate access during the construction phase.
- SDOT will inform adjacent property owners of work progress.
- SDOT will conduct public outreach before and during project construction to notify residents, businesses, local agencies, transit agencies, and other stakeholders of expected disruptions or changes in traffic flow.
- Temporary road closures will be minimized, and detour routes will have proper signage.
- The construction contractor will be required to submit a traffic control plan for approval by the City. The contractor will enforce the traffic control plan during construction.
- Alternative routes for pedestrians, bicyclists, and those with disabilities will be identified and marked clearly.
- Access to businesses, residents and public transportation will be maintained throughout the project.

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.**

The project would have no impact on the need for public services.

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

Not applicable (see B15a. above)

16. Utilities

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

Electricity, natural gas, water, refuse service, telephone, sanitary sewer, fiber optics, and stormwater drains.

- 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.**

The project requires Seattle City Light to relocate seven utility poles along 23rd Ave S and will install stormwater drainage improvements.

B. 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.

Prepared by: Maurice Meekhan

Date Submitted: January 23, 2014

Project Manager's Approval: [Signature]

Date Submitted: 1/30/14

