



Vision Zero 35th Avenue SW and SW Roxbury Street SW Road Safety Corridor Project

Seattle, Washington

SEPA Checklist

July 13, 2015

STATE ENVIRONMENTAL POLICY ACT (SEPA) ENVIRONMENTAL CHECKLIST

A. BACKGROUND

1. Name of proposed project, if applicable:

Vision Zero 35th Avenue SW and SW Roxbury Street SW Road Safety Corridor Project

2. Name of applicant:

Seattle Department of Transportation

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

Jim Curtin
Seattle Department of Transportation
PO Box 34996
Seattle, Washington 98124-4996
206.684.8874.

4. Date checklist prepared:

July 13, 2015

5. Agency requesting checklist:

Seattle Department of Transportation

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

Most of the Vision Zero 35th Avenue SW and SW Roxbury Street SW Road Safety Corridor Project improvements will be installed during the summer and fall of 2015. King County is installing a sidewalk on a portion of the south side of SW Roxbury Street in late in 2015 or early in 2016. The bicycle facilities will be installed after the sidewalk is complete in 2016.

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

Crosswalks may be marked along the SW Roxbury Street in the future.

One year after the changes are complete, SDOT will produce a before and after study to report on the findings relative to speed, collisions, and volumes. Based on this evaluation safety improvements may be added or changed in the roadway.

SDOT plans to evaluate safety and install Vision Zero safety improvements on 35th Avenue SW, north of Willow Street SW in 2016.

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

There is no environmental information that has been prepared for this project.

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 pending government approvals that directly affect this project.

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

No governmental approvals or permits will be needed.

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.)

Vision Zero is a citywide traffic safety initiative that aims to eliminate traffic deaths and serious injuries on Seattle streets. The project analyzes traffic accident data and uses this data to design road safety improvements and focus community education and enforcement. Along the SW Roxbury and 35th Avenue corridor SDOT proposes to make the following improvements:

35th Ave SW

- Re-channelize 35th Ave SW between SW Roxbury St and SW Willow St so that there is one general travel lane in each direction with a center two-way left-turn lane.
- Install lane markers (buttons) throughout the corridor.
- Adjust feedback loops and signs for existing radar cameras
- Add new speed and safety signs.
- Adjust signal heads and vehicle detection for the new lane alignments.
- Synchronize signal timing for reduced speed limits.

Roxbury Ave SW

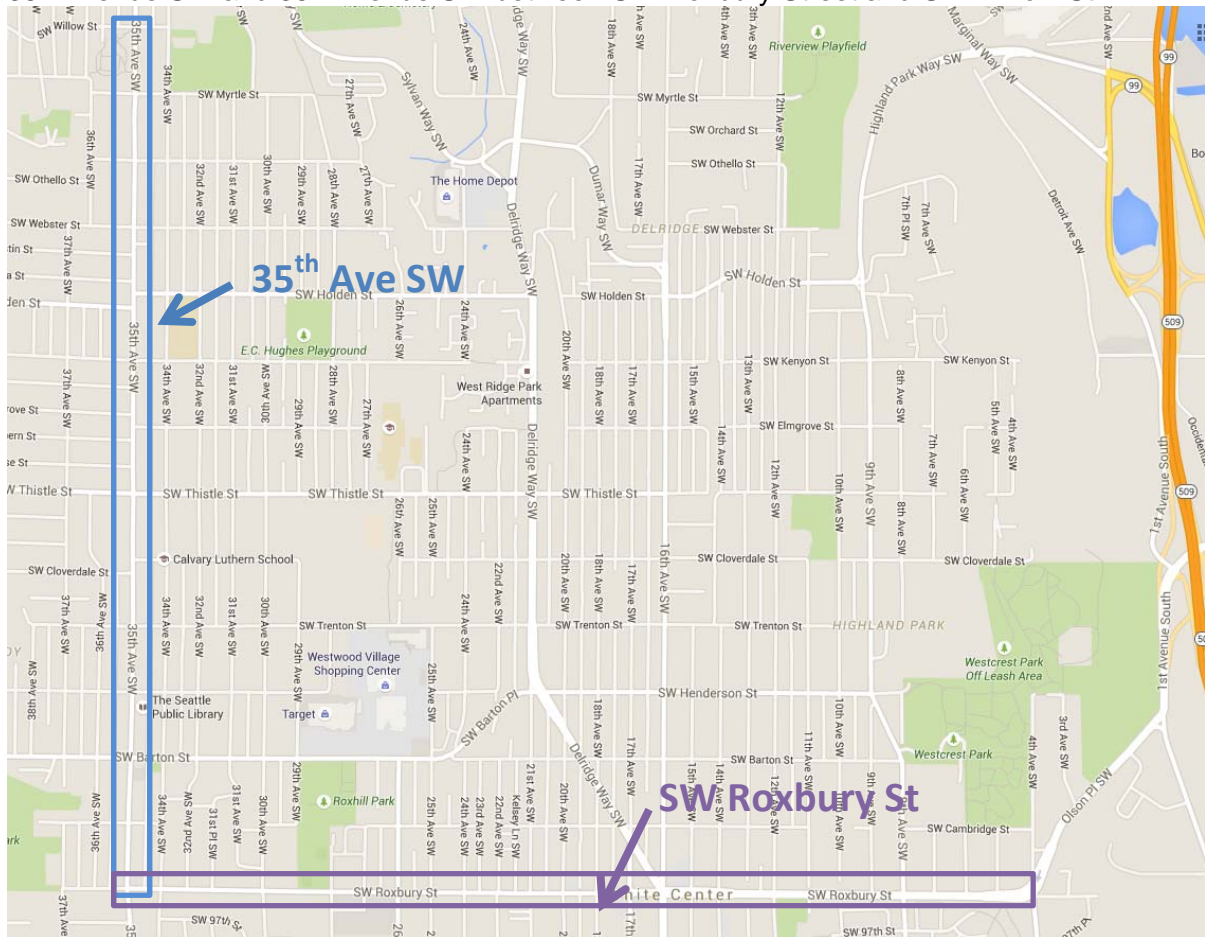
- Re-channelize SW Roxbury Street between 17th Avenue SW and 35th Avenue SW so that there is one general travel lane in each direction with a center two-way left-turn lane.
- Install transit lanes on SW Roxbury Street between 25th Ave SW and SW 30th Avenues SW.
- Install east and west bike lanes on between 18th -24th Ave SW and 30 – 35th SW
- Pave roadway between 17th Avenue SW and 18th Avenue SW.
- Install up to 17 curb ramps along SW Roxbury Street.
- Install accessible pedestrian signals (APS) at 17th Ave SW.
- Paint curbs at the 5-way intersection at Delridge Way SW/SW RoxburySt/16th Ave SW.
- Signs will be installed clarifying the left turning movement from 4th Ave SW to westbound Roxbury to address a left turn collision.

- Install lane markers (buttons) throughout the corridor.
- Adjust feedback loops and signs for existing radar cameras.
- Add new speed and safety signs.
- Adjust signal heads and vehicle detection for the new lane alignments.
- Synchronize signal timing for reduced speed limits.

In addition King County will install 300 linear feet of sidewalk on south side of SW Roxbury (between 30th Ave SW & 28th Ave SW), which is outside the City limits.

12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.

The project site is the public right of way on SW Roxbury Street between Olsen Place SW and 35th Avenue SW and 35th Avenue SW between SW Roxbury Street and SW Willow St.



ENVIRONMENTAL ELEMENTS

1. Earth

a. General description of the site: *[Check the applicable boxes]*

- Flat Rolling Hilly Steep Slopes Mountainous
 Other: (identify)

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

Along 35th Avenue SW the steepest slope in the project area is 7% between Cambridge and Roxbury Streets SW. The steepest slopes along Roxbury Street SW are 8% grades located between 25th and 27th, 22rd and 23rd and 7th and 8th Avenues SW.

c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any agricultural land of long-term commercial significance and whether the proposal results in removing any of these soils.

Beneath the roadbed there are glacial soils in the project area. The majority of the soil beneath 35th Avenue SW and SW Roxbury is glacial till and hardpan from the Vashon glaciation that occurred 12ka to 18ka before the present. There are also areas of glacial sand and silt soils called the Esperance Sand along 35th Ave SW between SW Findlay and SW Morgan Streets and on the eastside of the road between SW Elmgrove and SW Thistle. Glacial recessional outwash soils consisting of sand and gravel are present on SW Roxbury Street between 30th Avenue SW and 23rd Avenue SW and east of 8th Avenue SW. The only non-glacial soil in the project area are the peat and organic silt wetland deposits located on SW Roxbury Street between 27th Avenue SW and 29th Avenue SW. The peat/organic silt, the youngest soil on the project site, is from the Holocene and is less than 12ka old.

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

There are no potential slide areas noted on Seattle GIS for the project area

e. Describe the purpose, type, total area, and approximate quantities and total affected area of any filling, excavation, and grading proposed. Indicate the source of fill.

The only excavation for the project will be for the installation of posts for signs.

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

Very little erosion is expected since the paved road surface will remain in place for the majority of the work. On SW Roxbury some ground will be disturbed during construction of the curb ramps and for pavement repair.

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

Almost 100% of the project site will remain covered with roadway or sidewalk following the project construction.

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

Standard BMPs to reduce and control sediment will be used.

2. Air

a. What types of emissions to the air would result from the proposal during construction, operation, and maintenance when the project is completed? If any, generally describe and give approximate quantities if known.

1500 MTCO₂ will be produced from the 30,000 square feet of pavement installed.
(50 MTCO₂ per 1000 sq ft of pavement)

In addition there will be exhaust emitted from work trucks installing the safety improvements.

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

No.

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

None.

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 is a wetland located one block north of Roxbury between 29th Avenue SW and 27th Ave SW. The wetland drains towards Longfellow Creek which enters the West Waterway of the Duwamish River.

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

No.

- 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.**

None.

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

No.

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

No.

- 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.

b. Ground:

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

No.

- 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.**

None.

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.**

The source of runoff in the project area will be precipitation. Runoff will exit the site via the Seattle public Utilities drainage and wastewater system. Part of the corridor drains to the Duwamish River, part drains to Puget Sound and a small portion drains to the combined sewer that goes the King County West Point Treatment Plant.

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

No.

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

No.

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

Construction crews will follow establish BMPs for stormwater protection.

4. Plants

a. Types of vegetation found on the site: [Check the applicable boxes]

- | | | | | |
|--|-------------------------------------|------------------------------------|----------------------------------|--|
| <input checked="" type="checkbox"/> Deciduous trees: | <input type="checkbox"/> Alder | <input type="checkbox"/> Maple | <input type="checkbox"/> Aspen | <input type="checkbox"/> Other: (identify) |
| <input checked="" type="checkbox"/> Evergreen trees: | <input type="checkbox"/> Fir | <input type="checkbox"/> Cedar | <input type="checkbox"/> Pine | <input type="checkbox"/> Other: (identify) |
| <input type="checkbox"/> Shrubs | | | | |
| <input checked="" type="checkbox"/> Grass | | | | |
| <input type="checkbox"/> Pasture | | | | |
| <input type="checkbox"/> Crop or grain | | | | |
| <input type="checkbox"/> Orchards, vineyards, or other permanent crops | | | | |
| <input type="checkbox"/> Wet soil plants: | <input type="checkbox"/> Cattail | <input type="checkbox"/> Buttercup | <input type="checkbox"/> Bulrush | <input type="checkbox"/> Skunk cabbage |
| <input type="checkbox"/> Other: (identify) | | | | |
| <input type="checkbox"/> Water plants: | <input type="checkbox"/> water lily | <input type="checkbox"/> eelgrass | <input type="checkbox"/> milfoil | <input type="checkbox"/> Other: (identify) |
| <input type="checkbox"/> Other types of vegetation: (identify) | | | | |

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

There are no plans to remove vegetation except for that located in the areas where posts are installed.

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

None, The project area is a fully developed right of way without wildlife habitat.

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

No landscaping is planned.

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

No noxious weeds are known to be on or near the site.

5. Animals

a. Birds and animals which have been observed on or near the site or are known to be on or near the site: [Check the applicable boxes]

Birds: Hawk Heron Eagle Songbirds
 Other: (identify)

Mammals: Deer Bear Elk Beaver
 Other:(identify)

Fish: Bass Salmon Trout Herring
 Shellfish Other: (identify)

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

Since the project site is a fully developed right of way, there are no threatened and endangered species on the project site.

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

No.

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

No.

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

None.

6. Energy and natural resources

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

Electricity will be used to operate the new and upgraded signals.

- 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:**

None.

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.**

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

Table 1 in the Appendix shows sites adjacent to SW Roxbury Street or 35th Avenue SW are listed as contaminated or as parcels that have underground storage tanks. Due to the very limited nature of the excavation on this project, it is unlikely that any contaminated soil will be encountered.

- 2) **Describe existing hazardous chemicals/conditions that might affect project development and design. This includes underground hazardous liquid and gas transmission pipelines located within the project area and in the vicinity.**

There are no known existing hazardous chemicals or conditions that might affect project development and design. There are no known underground hazardous liquid or gas transmission pipelines located within the project area.

- 3) Describe any toxic or hazardous chemicals that might be stored, used, or produced during the project's development or construction, or at any time during the operating life of the project.**

During construction potentially hazardous materials likely to be present include gasoline and diesel fuels, hydraulic fluids, oils, lubricants, solvents, paints, sealants 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.

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

No special emergency services will be required.

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

None

8. 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.**

The noise produced by this project will be typical of road construction projects and include contributions from vehicle engines, excavating equipment, saw cutting, cement trucks and asphalt paving equipment.

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

Noise from construction equipment would occur between the hours of 7 am and 10 pm weekdays. 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.

9. Land and shoreline use

- a. What is the current use of the site and adjacent properties? Will the proposal affect current land uses on nearby or adjacent properties? If so, describe.**

The current use of the site is public Right of Way. The project won't affect current land uses on nearby or adjacent properties.

- b. Has the site been used as working farmlands or working forest lands? If so, describe. How much agricultural or forest land of long-term commercial significance will be converted to other uses as a result of the proposal, if any? If resource lands have not been designated, how many acres in farmland or forest land tax status will be converted to nonfarm or non-forest use?**

No.

- c. Will the proposal affect or be affected by surrounding working farm or forest land normal business operations, such as oversize equipment access, the application of pesticides, tilling, and harvesting? If so, how?**

No.

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

None.

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

No.

- f. What is the current zoning classification of the site?**

The majority of the parcels adjacent to the SW Roxbury and 35th Ave SW right of way are zoned Single Family. The corridor has two Multifamily Zones and several Neighborhood Commercial Zones. The approximate locations of these zones are listed below.

Locations

Roxbury-(14th /15th SW to 17th/18th SW)
Roxbury (27th SW)
Roxbury (28th SW)
Roxbury and 35th Intersection
35th SW (North of Roxbury to south o Barton)
35th SW (SW Barton to SW Henderson)
35th SW (SW Monroe of SW Kenyon)
35th SW (SW Portland to North of SW Webster)

Zone

Neighborhood Commercial
Multi-family
Neighborhood Commercial
Neighborhood Commercial
Multi-family
Neighborhood Commercial
Neighborhood Commercial
Neighborhood commercial

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

The comprehensive plan designates the majority of the parcels adjacent to the SW Roxbury and 35th Ave SW right of way as Single Family Residential Areas. The second most common classification is Commercial/Mixed Use areas which are located in approximately the same area as the neighborhood commercial zones listed above. Finally there are Multifamily Residential areas located between 4th and 6th, just east of 18th Ave SW and west of 28th Ave SW on SW Roxbury. On 35th Ave SW, Multifamily Residential Areas area designated between SW Roxbury and SW Barton and near SW Hudson Street.

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

NA.

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

Yes, on SW Roxbury Street there are potential liquefaction areas between 11th Ave SW and 12th Ave SW and between 27th Ave SW and 29th SW. There are also steep slope areas on SW Roxbury Street near 7th, 10th and 22nd Avenues SW.

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

None.

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

None.

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

No displacement impacts are expected.

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

NA.

n. Proposed measures to ensure that the proposal is compatible with nearby agricultural and forest lands of long-term commercial significance, if any:

NA.

10. Housing

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

No units will be eliminated.

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:

NA.

11. 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 constructed. Some poles for signs, signals and cameras will be installed but they will not exceed the high of existing poles along the roadway.

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

No.

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

NA.

12. Light and glare

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

None.

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

No.

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

None.

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

None.

13. Recreation

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

Myrtle Reservoir Park, Walt Hundley Playfield (aka High Point Playfield) and Roxhill Park are located near the SW Roxbury and 35th Avenue SW corridor.

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

No.

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

None.

14. Historic and cultural preservation

- a. **Are there any buildings, structures, or sites located on or near the project site that are over 45 years old listed in or eligible for listing in national, state, or local preservation registers? If so, specifically describe.**

There are no registered landmarks along the corridor.

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

The project is located within a previously disturbed developed right of way. The Project has very limited excavations, primarily for post installations and is unlikely to impact cultural resources.

- c. **Describe the methods used to assess the potential impacts to cultural and historic resources on or near the project site. Examples include consultation with tribes and the Department of Archaeology and Historic Preservation, archaeological surveys, historic maps, GIS data, etc.**

None.

- d. **Proposed measures to avoid, minimize, or compensate for loss, changes to, and disturbance of resources. Please include plans for the above and any permits that may be required.**

None.

15. Transportation

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

The project sites are within the public right of way along 35th Avenue SW and SW Roxbury Street. On the north end of the project area, 35th Ave SW is accessed by Avalon Way SW, Fauntleroy Way SW and the West Seattle Bridge. On the south end of the project area, 35th SW is accessed by SW Roxbury Street. SW Roxbury Street can be accessed on the east by Olson Place SW. The principal arterial segment of SW Roxbury Street ends at the junction with 35th Avenue SW.

- b. **Is the site or affected geographic area currently served by public transit? If so, generally describe. If not, what is the approximate distance to the nearest transit stop?**

The site is served by public transit. The following King County Metro lines have stops on SW Roxbury Street or 35th Avenue SW: C, 21, 22, 60, 113, 120 and 128. Sound Transit Route 560 stops on SW Roxbury Street.

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

The number of parking spots should remain the same. In re-channelized sections the parking spots will be wider.

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

No.

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

No.

- f. **How many vehicular trips per day would be generated by the completed project or proposal? If known, indicate when peak volumes would occur and what percentage of the volume would be trucks (such as commercial and non-passenger vehicles). What data or transportation models were used to make these estimates?**

Additional vehicle trips are not expected for the re-channelization on both 35th Ave SW and SW Roxbury St corridor projects.

SDOT evaluated the impacts of re-channelization along 35th Ave SW using Synchro and SimTraffic. Synchro is a macroscopic traffic analysis used to determine delays at the intersections and optimize traffic signal timing plans and coordination. SimTraffic is a microsimulation tool used to predict travel times.

The results of the traffic analysis for 35th Ave SW and SW Roxbury St are as follows:

35th Ave SW Traffic Analysis Results

The existing and proposed travel times along 35th Ave SW between SW Roxbury St and SW Morgan St are:

AM Peak Travel Times			
	Existing	Proposed	Delay
Northbound	4:59	5:56	+0:57
Southbound	4:18	7:02	+2:44

PM Peak Travel Times			
	Existing	Proposed	Delay
Northbound	5:04	7:02	+1:58
Southbound	4:53	7:00	+2:07

The increases in delays are due to the following safety enhancements:

- Reduction in the speed limit from 35 mph to 30 mph increases travel times by 33 seconds.
- Reduction to one general purpose lane in each direction reduces the flow of traffic. The presence of a new two-way left-turn lane will improve operations at the intersections.

No changes were made in the signal phasing and the pedestrian crossing times comply with the current MUTCD standard walking speed of 3.5 ft/sec.

Bus and turn lanes will be installed on 35th Avenue SW to accommodate bus service.

SW Roxbury St Traffic Analysis Results

The existing and proposed travel times along SW Roxbury St between 35th Ave SW and Olson PI SW are:

AM Peak Travel Times			
	Existing	Proposed	Delay
Eastbound	4:59	5:34	+0:35
Westbound	4:29	4:48	+0:19

PM Peak Travel Times			
	Existing	Proposed	Delay
Eastbound	5:13	5:22	+0:09
Westbound	5:03	7:31	+2:28

The increases in delays are due to the following safety enhancements:

- Reduction in the speed limit along SW Roxbury St, east of 15th Ave SW, from 35 mph to 30 mph increases travel times by 11 seconds. The speed limit between 35th Ave SW and 15th Ave SW is 30 mph and the speed reduction east of 15th Ave SW will make the speed limit consistent with the entire corridor.
- Reduction to one general purpose lane in each direction reduces the flow of traffic. The presence of a new two-way left-turn lane between 35th Ave SW and 17th Ave SW will improve operations at the intersections.

No changes were made in the signal phasing and the pedestrian crossing times comply with the current MUTCD standard walking speed of 3.5 ft/sec.

- g. Will the proposal interfere with, affect, or be affected by the movement of agricultural and forest products on roads or streets in the area? If so, generally describe.**

No.

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

The project improvements are expected to increase safety for all people traveling along the corridor.

After one year, the re-channelization improvements will be evaluated. The project installations may be altered based on the before and after data.

16. Public services

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

No.

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

NA.

17. Utilities

a. **Utilities currently available at the site, if any: [Check the applicable boxes]**

- | | | | | |
|---|---|--|---|--|
| <input type="checkbox"/> None | <input checked="" type="checkbox"/> Electricity | <input checked="" type="checkbox"/> Natural gas | <input checked="" type="checkbox"/> Water | <input checked="" type="checkbox"/> Refuse service |
| | <input checked="" type="checkbox"/> Telephone | <input checked="" type="checkbox"/> Sanitary sewer | <input type="checkbox"/> Septic system | |
| <input type="checkbox"/> Other (identify) | | | | |

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.**

None.

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.

Signature:
James Curtin, SDOT

Date Submitted:
7/16/15

APPENDIX 1

Environmental Health

Table 1- Parcels with Contamination or Underground Storage Tanks

	A	B	C	D	E	F
1	Street	FSID	Facility/Site Name	Address	Type	Status
2	35	2509916	Wonderful Teriyaki Former	6500 35TH AVE SW	LUST UST #619203 vcp nw1431	VCP completed
3	35	5427714	Seattle Public Utilities Myrtle Tanks	36TH AVE SW & SW MY	LUST 100960	Cleanup Started
4	35	24418478	Ted Hegge Chevron SS 90208	7580 35TH AVE SW	UST 5048	Tank removed 1969
5	35	51622838	GASCO ALIS CORNER	8856 35TH AVE SW	UST 495560	Unleaded gasoline operational
6	35	61397635	SEATTLE FIRE STATION 37	7300 35TH AVE SW	UST 7898	Removed 1972 unleaded gasoline
7	35	69712545	GULL 245	9050 35TH AVE SW	UST LUST 7692 VCP NW0316	NFA 2003
8	35	69836768	Texaco Station 121668	9200 35TH AVE SW	VCP NW2099 State Cleanup Site	NFA 2013 gas & deisel
9	35	16399	Lien Animal Clinic	3710 SW ALASKA ST	VCP NW 2184	NFA Opinion 2010
10	35	1959511	SOUTH SEATTLE MARKET	6352 35TH AVE SW	UST 100019	unleaded gasoline operational
11	35	2509916	Wonderful Teriyaki Former	6500 35TH AVE SW	LUST UST 619203 VCP NW1431	NFA 2007
12	35	8941557	Seattle Housing Authority	6058 35TH AVE SW	UST LUST 619158 VCP NW1979	NFA request 2011
13	35	44666249	Doyles Automotive Service Inc	4607 37TH AVE SW	UST 8188	Closed in Place 1964
14	35	51248918	JONES BUILDING	4608 36TH AVE SW	LUST 200125, VCP NW2599, State Clean up Site	NFA & Awaiting Cleanup
15	35	51413945	ROSSOE OIL BULK	4613 37TH AVE SW	LUST UST 200799 2 blocks away	Diesel -removed 1990; Cleanup started 1995
16	35	57789564	Providence Mount St Vincent	4831 35TH AVE SW	UST 469097 Enf Final toxic	Diesel -operational in 1998
17	35	84179635	Hans Foreign Car Repair	6302 35TH AVE SW	LUST 2063	Cleanup Started Benzene, Non-Halogenated Solvents, Pet gas, pet other
18	ROX	957206	ANIMAL CLINIC OF ROXBURY	9608 30TH AVE SW	On south side of Roxbury. State Cleanup Site area drans to Seola Creek	Awaiting Cleanup 5/2/15 Pet- unspecified
19	ROX	25246743	HOLY FAMILY CHURCH UST 12496	9622 20TH AVE SW	UST- 12496	Heating fuel, Exempt
20	ROX	44862443	SUN COR HOLDINGS COPII LLC 2	2851 SW ROXBURY ST	VCP NW 2497	NFA 7/2013
21	ROX	48346621	WHITE CENTER TEXACO	1505 ROXBURY ST SW	UST 1325	gas, deisel, leaded gas, operational 1987
22	ROX	54141464	SAFeway FUEL CENTER 1923	9620 28TH AVE SW	UST 597924	uleaded gas deisel operational 2002
23	ROX	65958571	MOBIL 04-H88	9448 35TH AVE SW	VCP	halogenated organics pet unspecified NFA
24	ROX	69338196	ROXBURY AUTO PARTS & SERVICE INC UST55	2839 SW ROXBURY	LUST UST 5594 downhill from work area	Removed and closed inplace- leaded gas, unleaded gas and used oil' 1971
25	ROX	71459562	Shell Oil Products US SAP 121038	2805 SW ROXBURY ST	VCP	NFA 2011-Benzene, Petroleum Deisel,gas , other
26	ROX	75249294	7 ELEVEN 232214460	9618 4TH AVE SW	UST 8610 downhill	Removed 1964 Unleaded and Leaded gasoline