PUBLIC NOTICE

DETERMINATION OF NONSIGNIFICANCE (DNS)
and LAND DISTURBING ACTIVITY PERMIT

PROJECT NAME and NUMBER: 156th Street SE Corridor Improvement: 35th Avenue SE to Forest View Elementary (RC1617)

DESCRIPTION OF PROPOSAL: Snohomish County Public Works proposes to improve a 1.3 mile long section of 156th Street SE between 35th Avenue SE and Forest View Elementary. The urban portion of 156th Street SE, west of Sunset Road, will be widened to include two 11’ travel lanes with 5’ bike lanes, curb, gutter, and 5’ sidewalks, and include a 12’ center turn lane in specific locations. The rural portion of 156th Street SE between Sunset Rd and Forest View Elementary will be widened to include a 14’ wide shared use (vehicle and bike) lane with curb, gutter, planter strip, and 5’ sidewalk on the north side of 156th Street SE, and an 11’ travel lane with 8’ shoulder on the south side. East of Sunset Road, 156th Street SE will also be improved to increase sight distance. The intersection of 156th Street SE and Sunset Road is currently a four way stop controlled intersection and will remain the same, except for a new traffic island on the westbound approach to separate westbound through traffic on 156th Street SE from vehicles turning right onto Sunset Rd. The corridor improvements would comply with Snohomish County’s Engineering, Design, and Development Standards (EDDS). The project would also upgrade the existing conditions and construct new curb ramps to meet standards of the American Disabilities Act (ADA). Drainage improvements would include storm-water conveyance, detention, and water quality treatment. Utilities would also need to be relocated in order to accommodate the proposed improvements.

LOCATION OF PROPOSAL: This project site is located along 156th Street SE between 35th Avenue SE, to the west, and Forest View Elementary School, to the east, a distance of approximately 1.3 miles. It is located in Sections 3, 4, and 5, Township 27N, Range 5E, W.M., just east of the City of Mill Creek, Snohomish County, WA.

APPLICANT AND LEAD AGENCY: Snohomish County Public Works

LAND DISTURBING ACTIVITY (LDA) PERMIT: This project will require an LDA permit. The preliminary estimates for cut and fill quantities are 8,000 cubic yards of cut and 14,000 cubic yards of fill.

THRESHOLD DETERMINATION: The lead agency for this proposal has determined that it does not have a probably significant adverse impact on the environment. An environmental impact statement (EIS) is not required under RCW 4.21C.30(2)(c). This decision was made after review of a completed environmental checklist and other information on file with the lead agency. This information is available to the public upon request.
The lead agency has determined that the requirements for environmental analysis, protection, and mitigation measures have been adequately addressed in the county’s development regulations and comprehensive plan adopted under chapter 36.70A RCS, and in other applicable local, state, or federal laws and rules, as provided by RCW 43.21C.240 and WAC 197-11-158. Our agency will not require any additional mitigation measures under chapter 30.61 SCC.

**PUBLIC COMMENT PERIOD:** This DNS and LDA are subject to a 21-day public and agency comment period. Written comments may be submitted by mail or email to the lead agency’s contact person. See name and address below. Comments must be received by 5 p.m. PST on March 26, 2018.

**APPEALS:** This DNS may be appealed pursuant to the requirements of SCC 30.61.300 and Chapter 2.02 SCC. There is a 21-day appeal period on the DNS that commences from the date of publication of notice. Any appeal must be addressed to the County Hearing Examiner, accompanied by a filing fee of $500.00, and be filed in writing at Snohomish County Public Works, 3000 Rockefeller Ave., Robert J. Drewel Building, 2nd Floor, Customer Service Center, Everett, Washington. The appeal must be received by 5 p.m. PST on March 26, 2018.

The appeal must contain the items set forth in SCC 30.71.050(5). In addition, SCC 30.61.305(1) also requires that any person filing an appeal of a threshold determination made pursuant to chapter 30.61 SCC shall file with the hearing examiner, within seven days of filing the appeal, a sworn affidavit or declaration demonstrating facts and evidence, that if proven, would demonstrate that the issuance of the threshold determination was clearly erroneous.

**CONTACT PERSON:**

Name: **Stephanie Cotton**  
Telephone: 425-262-2481  
Stephanie.Cotton@snoco.org

**RESPONSIBLE OFFICIAL:**  
Steven E. Thomsen, P.E., Director  
Snohomish County Public Works  
3000 Rockefeller Ave., M/S 607  
Everett, WA 98201-4046

**ADDRESS:**  

**Signature:**  

**Date:** February 28, 2018
DISCLAIMER:
The determination that an environmental impact statement does not have to be filed does not mean there will be no adverse environmental impacts. Snohomish County codes governing noise control, land use performance standards, construction and improvement of county roads, drainage control, and building practices will provide substantial mitigation of the aforementioned impacts.

The issuance of this Determination of Nonsignificance (DNS) should not be interpreted as acceptance or approval of this proposal as presented. Snohomish County reserves the right to deny or approve said proposal subject to conditions if it is determined to be in the best interest of the County and/or necessary to the general health, safety, and welfare of the public to do so.

Title VI and Americans with Disabilities Act (ADA) Information: It is Snohomish County’s policy to assure that no person shall on the grounds of race, color, national origin, or sex as provided by Title VI of the Civil Rights Act of 1964, as amended, be excluded from participation in, be denied the benefits of, or otherwise be discriminated against under and County sponsored program or activity. For questions regarding Snohomish County Public Works’ Title VI Program, or for interpreter or translation services for non-English speakers, or otherwise making materials available in an alternate format, contact the Department Title VI Coordinator via e-mail at spw-titlevi@snoco.org or phone 425-388-6660. Hearing/speech impaired may call 711.
**DISTRIBUTION LIST:**

*Federal Agencies:*
- National Marine Fisheries Service/ SEPA Review
- Natural Resources Conservation Service
- NOAA, National Marine Fisheries Service
- NOAA, National Marine Fisheries Service - North Puget Sound Branch
- US Army Corps of Engineers Seattle District (Seattle District Corps of Engineers)
- FHWA WA Division
- US Fish & Wildlife Service/ SEPA Review

*State Agencies:*
- Dept. of Ecology Environmental Review Section
- Dept. of Archaeology & Historic Preservation
- Dept. of Fish & Wildlife Attn. SEPA Review
- Dept. of Transportation/Environmental Section/NEPA/SEPA Compliance
- Dept. of Transportation/NW Region, Highways & Local Programs
- WA Department of Natural Resources
- WA Parks and Recreation Commission Northwest Region Office
- WA Dept. of Fish & Wildlife Region 4 Office

*Tribal Government:*
- Muckleshoot Tribe
- Samish Indian Nation
- Sauk-Suiattle Tribe
- Skagit River System Cooperative
- Snoqualmie Tribe
- Stillaguamish Tribe of Indians
- Suquamish Tribe
- Swinomish Indian Tribal Community
- Tulalip Tribes
- Upper Skagit Indian Tribe

*Other:*
- The Herald
- Cities: Mill Creek and Bothell
- School Districts: Everett School District
- Libraries: Everett Public Library and Sno-Isle Libraries
- Utilities: Comcast, Frontier, PSE, PUD, Williams Pipeline
- County: Council District 4
- Fire Districts: District 1 and 7

Attachments: SEPA Checklist
SEPA CHECKLIST

156th Street SE Corridor Improvement:
35th Avenue SE to Forest View Elementary
(RC1617)

February 2018
**Purpose of Checklist:**
Governmental agencies use this checklist to help determine whether the environmental impacts of your proposal are significant. This information is also helpful to determine if available avoidance, minimization or compensatory mitigation measures will address the probable significant impacts or if an environmental impact statement will be prepared to further analyze the proposal.

**SUMMARY**

**A. BACKGROUND**

1. Name of proposed project:
   156th Street SE Corridor Improvement: 35th Avenue SE to Forest View Elementary

2. Name of applicant:
   Snohomish County Public Works

3. Address and phone number of applicant and contact person:
   Contact Person: Stephanie Cotton, Senior Planner
   3000 Rockefeller Avenue MS 607
   Everett, WA 98201
   425.262.2481
   Stephanie.Cotton@snoco.org

4. Date checklist prepared:
   February 9, 2018

5. Agency requesting checklist:
   Snohomish County Public Works Transportation and Environmental Services Division

6. Proposed timing or schedule (including phasing, if applicable):
   The 156th Street SE corridor improvement project would occur in stages: (1) planning and design, (2) right-of-way acquisition, and (3) construction. The project is currently in the planning and design stage, with right-of-way acquisition and construction pending funding.

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, please explain.
   This project is located east of the 35th Avenue SE corridor improvements and is scheduled to be constructed after 35th Avenue SE Phase II is constructed.

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.
   Preliminary Drainage Report September 2017
   Design Report May 2017
   Transportation Study September 2015
   Preliminary Geologic Investigation and Hydrogeological Report 2017
   Preliminary Environmental Review Memo November 2016

9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, please explain.
   No applications are pending.

10. List any government approvals or permits that will be needed for your proposal, if known.
Permit/Approval: Required from:

- Section 404 Authorization: Nationwide Permit
  U.S. Army Corps of Engineers
- Section 7 Endangered Species Act Consultation
  NOAA Fisheries and U.S. Fish and Wildlife Service
- Section 106 National Historic Preservation Act
  Federal Lead Agency (Corps of Engineers)
- Section 401 Water Quality and CZM Certification
  Washington State Department of Ecology
- NPDES Permit
  Washington State Department of Ecology
- Hydraulic Project Approval (HPA)
  Washington State Department of Fish and Wildlife
- Drainage & Land Disturbing Activity Certification
  Snohomish County – Public Works
- Critical Area Certification
  Snohomish County – Public Works

11. Give a brief, complete description of your proposal, including the proposed uses and the size of the project 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).

  Snohomish County Public Works proposes to improve a 1.3 mile long section of 156th Street SE between 35th Avenue SE and Forest View Elementary (Figure 1). Forest View Elementary is located at the corner of 156th Street SE and Silver Firs Drive. The urban portion of 156th Street SE west of Sunset Road will be widened to include two 11’ travel lanes with 5’ bike lanes, curb, gutter, and 5’ sidewalks, and include a 12’ center turn lane in specific locations (Figure 2).

  The rural portion of 156th Street SE between Sunset Rd and Forest View Elementary will be widened to include a 14’ wide shared use (vehicle and bike) lane with curb, gutter, planter strip, and 5’ sidewalk on the north side of 156th Street SE, and an 11’ travel lane with 8’ shoulder on the south side. East of Sunset Road, 156th Street SE will also be improved to increase sight distance.

  The intersection of 156th Street SE and Sunset Road is currently a four way stop controlled intersection and will remain the same, except for a new traffic island on the westbound approach to separate westbound through traffic on 156th Street SE from vehicles turning right onto Sunset Road.

  The corridor improvements would comply with Snohomish County’s Engineering, Design, and Development Standards (EDDS). The project would also upgrade the existing conditions and construct new curb ramps to meet standards of the American Disabilities Act (ADA). Drainage improvements would include storm-water conveyance, detention, and water quality treatment. Utilities would also need to be relocated in order to accommodate the proposed improvements.

12. Location of 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/range if known. If a proposal would occur over a range of areas, provide the range or boundaries of the
site(s). Provide 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.

This project site is located along 156th Street SE between 35th Avenue SE, to the west, and Forest View Elementary School, to the east, a distance of approximately 1.3 miles. It is located in Sections 3, 4, and 5, Township 27N, Range 5E, W.M., just east of the City of Mill Creek, Snohomish County, WA (Figure 1).

B. ENVIRONMENTAL ELEMENTS

1. Earth
   a. General description of the site (check one):
      - FLAT
      - ROLLING
      - HILLY
      - STEEP SLOPES
      - MOUNTAINOUS
      - OTHER (please describe): The project site's topography varies with some flat areas and rolling hills and steep slopes that drain to Tambark Creek and Little Bear Creek (Cedar-Sammamish Watershed).
   b. What is the steepest slope on the site (approximate percent slope)?
      The steepest side slope along the proposed shoulder is approximately 50%. The steepest longitudinal slope of the roadway is approximately 6%.
   c. What general types of soil are found on the site (i.e., 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.
      The dominant soil type is mapped as Alderwood gravelly sandy loam, 2 to 8 percent slopes. This moderately well drained soil is on till plains. It is moderately deep over a hardpan. The soil formed in glacial till.

      Typically, the surface layer is very dark grayish brown gravelly sandy loam about 7 inches thick. The upper part of the subsoil is dark yellowish brown and dark brown very gravelly sandy loam about 23 inches thick. The lower part is olive brown very gravelly sandy loam about 5 inches thick. A weakly cemented hardpan is at a depth of about 35 inches. Depth to hardpan ranges from 20 to 40 inches. Permeability of this Alderwood soil is moderately rapid above the hardpan and very slow through it. Effective rooting depth is 20 to 40 inches. Runoff is slow, and the hazard of water erosion is slight.
   d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, please describe.
      There are no unstable soils in 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 source of fill.
      The proposed project would require approximately 6,000 cubic yards of select gravel borrow for fill material; 2,000 cubic yards of crushed surfacing base and top course;
4,000 cubic yards of hot mix asphalt, and 2,000 square yards of topsoil. Snohomish County grading regulations require that fill material be provided from a County approved source. Engineering certification of construction documents would assure fill is from an approved source. All structural fill would be compacted and placed in accordance with Washington State Department of Transportation (WSDOT) standards.

The proposed project would require approximately 8,000 cubic yards of excavation associated with construction of the stormwater facilities and roadway improvements. Excavated material will be disposed of at an approved County facility.

f. Could erosion occur as a result of clearing, construction or use? If so, please generally describe. Minor amounts of erosion may occur during construction if appropriate erosion control practices are not utilized. Temporary Erosion and Sedimentation Control Best Management Practices (BMPs) would be used for temporary erosion and pollution control to minimize impacts from construction. No erosion would result from use of the completed improvements.

g. About what percent of the site will be covered with impervious surfaces after project construction (i.e., asphalt or buildings)?
   The amount of new impervious surface area that would be created by construction of the center turn lane, bike lanes, and sidewalks, totals approximately 2.4 acres (1.8 acres of new pollution generating and 0.6 acres of non-pollution generating). Sidewalks would be constructed using porous pavement.

h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:
   All project activity would be subject to erosion and sedimentation control Best Management Practices and would comply with the provisions of all applicable permits. Best Management Practices may include, but are not limited to the following:

   For areas with slope stability issues, structural earth or gravity block walls would be installed. Final wall selection would be determined in the final design.

   For areas adjacent to wetlands, structural earth or gravity block walls would be installed to minimize fill impacts to the wetlands. Final structure selection would be determined in the final design.

   Protective covering would be placed over exposed soil areas to prevent sediments and other contaminants from entering the road side ditches and wetlands. Protective covering would be clear plastic sheeting, straw mulch, jute matting, or erosion control blanket per Department of Ecology requirements.

   A temporary erosion and sediment control plan would be implemented during construction.

   Erosion and sedimentation control measures would be routinely inspected maintained and repaired. Damaged or inadequate erosion and sedimentation control measures would be corrected quickly.
Any bare soil that may result from project activity would be reseeded with an appropriate erosion control seed mix immediately following construction.

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, please generally describe and give approximate quantities if known.
      Construction equipment, construction-related activities, and vehicles carrying workers and equipment to and from the site would result in minor, temporary increases in emissions and dust. There would be no increase in emissions once construction is complete.
   b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, please generally describe.
      There are no off-site sources of emissions or odor that would affect the corridor improvement.
   c. Proposed measures to reduce or control emissions or other impacts to air, if any:
      During construction, equipment emissions would not exceed state and national air quality standards. The project would use only equipment and trucks in optimal operational condition. Dust control measures would be implemented to minimize airborne dust.

3. Water
   a. Surface Water:
      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, please describe type and provide names. If appropriate, state what stream or river if flows into.

      Wetland and stream delineations were conducted on April 20, 2010, January 20 and February 9, 2016. There are two streams and nine wetlands within the project area (Figure 3).

      Little Bear Creek (WRIA 08.0080) and Tambark Creek flow from north to south across 156th St SE within the project limits. Per SCC Chapter 30.62A, they are Type F streams with a 150-foot buffer on both sides of the creek.

      Six wetlands (B, C, D, E, F, and G) drain to Tambark Creek, which is a tributary to Silver Creek. Silver Creek is a left-bank tributary to North Creek, which originates in Snohomish County near Everett and flows approximately 12.6 miles south to the Sammamish River near Bothell. The North Creek watershed drains approximately 19,000 acres in Snohomish and King Counties. Tambark Creek drains approximately 1,800 acres in central Snohomish County, and has a total length of 4.5 miles.

      Three wetlands (A, H and I) drain to Little Bear Creek, which is one of four major tributaries to the Sammamish River. Little Bear Creek drains more than fifteen square miles in south Snohomish County and northern King County, and has a total length of 7.7 miles.
Wetland A located on the north side of 156th Street SE, east of Sunset Road and just west of the electric power lines, is a Category III wetland with a 60 foot buffer. The wetland is a manmade pond located on residential property and is dominated by an overstory of black cottonwood, willow, and an understory of Douglas spirea.

Wetland B located on the south side of 156th Street SE, west of Sunset Road and just east of the Seattle City Light substation, is a Category IV wetland with a 40 foot buffer. The wetland is located on the substation property and is dominated by salmonberry, blackberry and lady fern.

Wetland C located along the north side of 156th Street SE in the northwest corner of 156th and 41st Avenue SE, is a Category IV wetland with a 40 foot buffer and is dominated by blackberry.

Wetland D located along the east side of 41st Avenue SE, is also a Category IV wetland with a 40 foot buffer and is dominated by willow and Douglas spirea.

Wetland E located along the south side 156th Street SE just west of the substation, is a Category IV wetland with a 40 foot buffer dominated by salmonberry and lady fern.

Wetlands F and G are connected to Tambark Creek at the west end of the corridor towards 36th Drive SE and are Category III ponded wetlands with 110 foot buffers. There is beaver activity north of 156th Street SE that has created a pond. Vegetation in these wetlands consists of red alder, salmonberry, blackberry, knotweed, lady fern, sedge, rush and buttercup.

Wetlands H and I were regulated by PDS in September 2015 as Category III wetlands with 60 foot buffers as part of a residential development permit application.

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.

The proposed road improvements would be constructed adjacent to roadside wetlands. Walls would be constructed in order to minimize fill impacts to the wetlands. Three wetlands would be impacted based on the proposed improvements outlined in the Design Report. Walls would be installed adjacent to the existing stream culvert crossings to avoid impacts to Tambark Creek and Little Bear Creek. As the design progresses, if the existing culverts that convey Tambark Creek and Little Bear Creek need to be lengthened in order to accommodate the proposed improvements, they would meet the WDFW guidelines for the stream simulation.

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.

Wetlands and their buffers would be impacted by construction of the proposed road improvements based on the Design Report. There are nine wetlands and two streams in
the project area. The following approximate impacts to wetlands and their buffer are based on overlaying the proposed road improvements with the wetland, stream, and buffer boundaries.

<table>
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<tr>
<th>Wetland/Stream</th>
<th>Permanent Wetland Impact (sq. ft.)</th>
<th>Permanent Buffer Impact (sq. ft.)</th>
</tr>
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<tbody>
<tr>
<td>A</td>
<td>0</td>
<td>6,268</td>
</tr>
<tr>
<td>B</td>
<td>2,800</td>
<td>5,460</td>
</tr>
<tr>
<td>C</td>
<td>3,925</td>
<td>4,839</td>
</tr>
<tr>
<td>D</td>
<td>48</td>
<td>1,085</td>
</tr>
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<tr>
<td>I</td>
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<tr>
<td>Tambark Creek</td>
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<td>1,043</td>
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<tr>
<td>Little Bear Creek</td>
<td>-</td>
<td>80</td>
</tr>
<tr>
<td><strong>TOTALS</strong></td>
<td><strong>6,773</strong></td>
<td><strong>24,307</strong></td>
</tr>
</tbody>
</table>

4. Will the proposal require surface water withdrawals or diversions? Please give a general description, purpose, and approximate quantities if known.
The proposal would 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.
The proposed project does not lie within a 100-year floodplain.

6. Does the proposal involve any discharges of waste materials to surface waters? If so, please describe the type of waste and anticipated volume of discharge.
No waste materials would be discharged to surface waters.

b. Groundwater:
1. Will groundwater be withdrawn from a well for drinking water of other purposes? If so, please give a general description of the well, proposed uses and approximate quantities withdrawn from the well.
No water would be withdrawn from a well.
2. Will water be discharged to groundwater? Please give a general description, purpose, and approximate quantities if known.
No water would be discharged to groundwater.

3. Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (i.e., domestic sewage, industrial, containing the following chemicals..., agricultural, etc.).
No waste material would be discharged into the ground.

4. 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.
This is not applicable to the proposed road corridor improvement.

c. Water Runoff (including storm water):
   1. Describe the source of runoff (including stormwater) 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, please describe.
   Currently, storm water runoff from the existing road flows into the roadside ditches via direct runoff or into existing storm drainage systems. Proposed improvements would include extension of the existing storm drainage system, construction of new storm drainage systems and installation of new vegetated roadside bio-swales. Storm water generated by areas equivalent to the new impervious areas would be proposed to be directed to surface water ponds for flow control and water quality treatment.

   2. Could waste materials enter ground or surface waters? If so, please generally describe.
   No

   3. Does the proposal alter or otherwise affect drainage patterns in the vicinity of the site? If so, please describe.
   Currently, storm water runoff from the existing road flows into the roadside ditches via direct runoff or into existing storm drainage systems. Proposed improvements would include extension of the existing storm drainage system, construction of new storm drainage systems and installation of new vegetated roadside bio-swales. Storm water generated by areas equivalent to the new impervious areas would be proposed to be directed to surface water ponds for flow control and water quality treatment. Adverse impacts are not anticipated within the upstream and downstream drainage systems properties and basin as a result of the alterations. Implementation of on-site flow control and water quality treatment measures as well as maintaining the natural discharge points will result in no adverse impacts.

d. Proposed measures to reduce or control surface water, groundwater, runoff water, and drainage impacts, if any:
   Mitigation in accordance with County Critical Area Regulations (Chapter 30.62A SCC) and U.S. Army Corps of Engineers (USACOE) would be necessary. The prescribed sequence includes:
   • Avoiding the impacts altogether by not taking a certain action or parts of an action,
• Minimizing impacts by limiting the degree or magnitude of the action and its implementation, by using appropriate technology, or by taking affirmative steps to avoid or reduce impacts,
• Rectifying the impact by repairing, rehabilitating, or restoring the affected environment,
• Reducing or eliminating the impact over time by preservation and maintenance operations during the life of the action,
• Compensating for the impact by replacing, enhancing, or providing substitute resources or environments, or
• Monitoring the impact and taking appropriate corrective measures.

Mitigation for unavoidable impacts to wetlands and buffers would be required. Federal Rule 33 CRF § 332.3(b)2 establishes the preferred hierarchy options for compensatory mitigation. The options, in order of preference, are:
• Use a mitigation bank located in the same basin as the project.
• Use an in-lieu fee program located in the same basin.
• Mitigation onsite and in-kind.
• Mitigation offsite of out-of-kind.

Approximately 6,800 square feet of wetland would be permanently impacted as a result of the proposed roadway improvements. Based on Snohomish County Critical Area Regulations (Chapter 30.62A SCC), the recommended mitigation ratio for wetland enhancement is 3:1. Approximately 20,400 square feet of wetland would need to be enhanced. This is a general estimate of mitigation requirements and the final mitigation plan would be determined in the final design.

Approximately 24,300 square feet of wetland and stream buffer will be permanently impacted as a result of the proposed roadway improvements. Based on Snohomish County Critical Area Regulations (Chapter 30.62A SCC), the recommended mitigation ratio for buffer enhancement is 4:1 based on the type of vegetation impacted. Approximately 97,200 square feet of buffer would need to be enhanced. This is a general estimate of mitigation requirements and the final mitigation plan would be determined once a mitigation site has been identified and the proposed roadway improvement design is finalized.

The project would comply with Snohomish County Drainage Regulations (Chapter 30.63A SCC) that regulate storm water runoff from all new development and redevelopment. Flow control and quality treatment would be provided by storm water ponds for the pollution-generating impervious areas that are equivalent in size to the areas of new impervious surfaces. Best management practices would be used throughout construction, including working during low flow or no flow conditions (July-September) and placing protective covering over exposed soil areas.

4. Plants
  a. Check all types of vegetation below found on or in close proximity to the site:
     ✔️ deciduous tree: big leaf maple, red alder, western red cedar, black cottonwood, willow
     ✔️ evergreen tree: cedar, Douglas fir, western hemlock
b. What kind and amount of vegetation will be removed or altered?

Clearing and grading associated with construction of the two way left (center) turn lane, bike lanes, and sidewalks would occur within the project limits. Removal of existing grass, shrubs and trees would be needed to accommodate the proposed improvements. Specific vegetation to be cleared includes some of the species listed above in 4a. Exact vegetation types to be removed will be determined in the final design.

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

None are known to be on or adjacent to the project site. If such plant species are found, all project work would comply with the requirements of the Endangered Species Act and other applicable regulations.

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

Reed canary grass and blackberry are near the site.

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

Loss of, and disturbance to, vegetation would be minimized to the extent practicable. Clearing limits would be identified in project plans and highly visible fencing would mark the clearing limits during construction. Grass would vegetate the planter strips.

5. Animals

a. List any birds and other animals which have been observed on or near the site or are known to be on or near the site. (i.e. birds: hawks, heron, eagle, songbirds, owls, ducks, woodpeckers; mammals: deer, bear, elk, beaver, opossum, raccoon, coyote, small rodents; fish: bass, salmon, trout, herring, shellfish, other):

birds: hawks, songbirds, ducks, woodpeckers, swallows, hummingbirds, kingfishers
mammals: opossum, raccoon, coyote, bats, small rodents
fish: kokanee, lamprey, sculpin, and other fish species common to tributary streams in Snohomish County
other: garter snake, amphibians, and other wildlife typical of Snohomish County

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

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

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

Yes. The site is within the Pacific Flyway. Migratory waterfowl can be observed in the greater project vicinity.
d. List any invasive animal species known to be on or near the site.
   No invasive animal species are known to be on or near the site.

   e. Proposed measures to preserve or enhance wildlife, if any:
       Project construction would occur primarily during the summer months when rainfall is
       minimal. This would minimize erosion and prevent sedimentation of surface waters.
       Bare soil areas would be revegetated and planted after site grades have been
       established.

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? Please describe whether it will be used for heating,
      manufacturing, etc.
      No changes in energy use would result from the completed proposal. No energy is
      needed to meet the completed project’s needs. However, during construction minor
      amounts of fuel would be used by construction equipment during site grading and
      paving activity.

   b. Would your project affect the potential use of solar energy by adjacent properties? If so, please
      generally describe.
      The project would not affect the potential use of solar energy by 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:
      No energy conservation features are included in this proposal.

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, please
      describe.

      1. Describe any known or possible contamination at the site from present or past uses.
         No potentially hazardous materials have been identified at or in proximity to the project
         site. Fuel spills and other construction equipment fluids could potentially occur during
         construction.

      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.
         Olympic Pipeline transmission pipeline is located within the project area. Any
         relocations of this utility would be coordinated and planned in advance of project
         construction.

      3. Describe any toxic or hazardous chemicals that might be stored, used, or produced
         during the project’s development or construction, or any time during the operating life
         of the project.
         No toxic or hazardous chemicals will be stored or used.
4. Describe special emergency services that might be required.
Emergency response vehicles may be required in the event of a construction accident. The completed project would not require any additional emergency services.

5. Proposed measures to reduce or control environmental health hazards, if any:
Spill control and clean-up material would be staged onsite. The crew leader or other designated person would have a spill control plan and be trained in spill prevention and clean up. All equipment would be well maintained and in good repair to prevent the loss of any petroleum products. Refueling and vehicle maintenance would generally occur off-site.

b. Noise:
1. What types of noise exist in the area which may affect your project (i.e., traffic, equipment, operation, aircraft, other)?
No noise in the area would affect the proposed roadway improvements. Typical noise associated with the roadway is expected. There will be no change in the types and levels of noise as a result of constructing the center turn lane, bike lanes, and sidewalks on 35th Avenue SE.

2. What types and levels of noise would be created by or associated with the project on a short-term or long-term basis (i.e., traffic, construction, operation, other)? Indicate what hours noise would come from the site.
During construction (short-term) there would be increased noise levels generated by heavy equipment. These noise levels are likely to exceed existing background noise levels associated with surrounding residential properties.

3. Proposed measures to reduce or control noise impacts, if any:
No additional measures to reduce or control noise impacts are proposed.

8. Land and Shoreline Use
a. What is the current use of the site and adjacent properties? Will the proposal affect current land use on nearby or adjacent properties? If so, please describe.
The current use of the site is a county road. Residential and utility easements are located on adjacent properties. Land use in the area is predominantly residential with an elementary and middle school.

b. Has the site been used as working farmlands or working forestlands? If so, please describe. How much agriculture or forestland 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 forestland tax status will be converted to non-farm or non-forest use?
No, the site has not been used as working farmlands or forestlands.

1. Will the proposal affect or be affected by surrounding working farmland or forestland’s normal business operations, such as oversize equipment access, the application of pesticides, tilling, and harvesting? If so, how:
The proposal would not affect or be affected by working farmlands or forestlands.
c. Describe any structures on the site.
   There are no structures.

d. Will any structures be demolished? If so, what?
   No structures would be demolished.

e. What is the current zoning classification of the site?
   The current zoning within the project site includes Low Density Multi-family Residential (LDMR) and single family residential (9,600 and 7,200).

f. What is the current comprehensive plan designation of the site?
   The current comprehensive plan designation within the project site is Urban Medium Density Residential (UMDR).

g. If applicable, what is the current shoreline master program designation of the site?
   There are no designated shoreline environments within the project area.

h. Has any part of the site been classified critical area by the city or county? If so, please specify.
   Snohomish County designates streams, wetlands, geologically hazardous areas (erosion, landslide, volcanic, seismic and mine hazard areas), and fish and wildlife habitat conservation areas as critical areas. There are two streams and nine wetlands within the project area (Figure 3) as described in Section 3.

i. Approximately how many people would reside or work in the completed project?
   None

j. Approximately how many people would the completed project displace?
   It is anticipated that the project would not displace residents. The project would require right-of-way acquisition to accommodate the proposed improvements. The project may also potentially require temporary construction easements to construct project improvements.

k. Proposed measures to reduce or control impacts to nearby agricultural and forestlands of long-term commercial significance, if any:
   During construction of the proposed improvements, single lane closures may be needed. The movement of agricultural or forest products on this roadway along with all other users of this roadway would be temporarily delayed. Full road closures are not proposed.

l. Proposed measures to ensure the proposal is compatible with existing projected land uses and plans, if any:
   This project is consistent with the Snohomish County Growth Management Act Comprehensive Plan – 2007 Transportation Element. It is identified in the Snohomish County Transportation Improvement Program for 2018-2023 as a corridor improvement as D.62.

m. Proposed measures to avoid or reduce displacement, if any:
The existing right-of-way width varies along 156th Street SE. The proposed right-of-way would range from 60 to 80 feet wide. Linear strips of property, adjacent to the roadway, would be needed for the travel lanes, bike lanes, shoulders and sidewalks, and portions of parcels would also be needed for storm water treatment facilities. Preliminary estimates indicate that right-of-way acquisition would potentially affect approximately 20 parcels. Approximately 160,000 square feet would need to be acquired to construct the proposed improvements and drainage improvements, including storm water treatment facilities.

If acquisition or displacement becomes necessary, a complete and detailed set of relocation and right-of-way plans would be developed. Chapter 8.25 and 8.26 of the Revised Code of Washington would govern right-of-way acquisition proceedings. These laws ensure fair and equitable treatment of those displaced. In addition, right-of-way purchases would be in accordance with Civil Rights Act Title VI legislation and the federal Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 as amended (42 U.S.C.). These laws would provide payment for reasonable and necessary costs to relocate persons displaced by the project and ensure prompt and fair relocation payments and requires agency review of aggrieved parties. Acquisition proceedings include appraisal, determination of just compensation, presentation of an offer and compensating the individual. Acquisition proceedings within the project vicinity would not be initiated until the environmental review process has been completed.

9. 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:
      Not applicable

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?
      Several walls would be constructed along the project corridor, both structural and non-structural walls are planned. Non-structural walls would be either structural earth or gravity block walls, less than 6 feet high in cut sections and less than 4 feet high in fill sections. Any cut walls over 6 feet in height or fill walls over 4 feet in height would be structurally designed. The proposed roadway improvements include retaining walls with a maximum height of approximately 5 feet.
   b. What view in the immediate vicinity would be altered or obstructed?
      The proposed roadway improvements would not alter or obstruct views.
c. Proposed measures to reduce or control aesthetic impacts, if any:
The project would consider measures to reduce aesthetic impacts and would be limited to those that can be implemented within the proposed right of way. Clearing of existing vegetation within the proposed right-of-way would be limited to that needed for construction.

11. Light and Glare
a. What type of light or glare will the proposal produce? What time of day would it mainly occur?
The new bike lanes, shoulders and sidewalks would not produce light or glare.

b. Could light or glare from the finished project be a safety hazard or interfere with views?
The proposed improvements would not pose a safety hazard or interfere with views.

c. What existing off-site sources of light or glare may affect your proposal?
Existing off-site sources of light or glare would not affect the proposal.

d. Proposed measures to reduce or control light and glare impacts, if any?
No measures are necessary.

12. Recreation
a. What designated and informal recreational opportunities are in the immediate vicinity?
There are small playgrounds that have been constructed in the residential developments in the project area. Forest View Elementary, Gateway Middle School and North Creek High School are located in the vicinity. Other recreational opportunities in the vicinity include: McCollum Park, which is located on 128th Street SW, Willis Tucker Community Park is located on Puget Park Drive, Mill Creek Nature Reserve is located on Mill Creek Boulevard, and North Creek Park is located on 183rd Street SE.

b. Would the proposed project displace any existing recreation uses? If so, please describe.
No existing recreational uses would be displaced.

c. Proposed measures to reduce or control impacts on recreating, including recreation opportunities to be provided by the project or applicant, if any:
No measures are proposed.

13. Historic and Cultural Preservation
a. Are there any buildings, structures, or sites located on or near the site that are over 45 years old listed in or eligible for listing in national, site, or local preservation registers located on or near the site? If so, please general describe.
This site was screened by Public Works for proximity to known archaeological and cultural sites. There are no known recorded sites located where potential ground disturbance activities are anticipated.

b. Are there any landmarks, features or other evidence of Tribal or historic use or 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.
None have been identified at this time.
c. Describe 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 Archeology and Historic Preservation, archaeological surveys, historic maps, GIS data, etc.

A preliminary cultural resources screening was conducted using archaeological site GIS data provided by the Washington State Department of Archaeology and Historic Preservation (DAHP) to Snohomish County as part of a data sharing agreement. No recorded sites were found as part of this preliminary screening.

An archeological survey may be conducted as part of the project’s Section 106 National Historic Preservation Act requirements if it is determined necessary to identify whether any resources, otherwise unknown to be in the project area at the present time, could be potentially affected by the project. While the project’s land disturbance would occur primarily in roadway embankment fill and in areas that have been otherwise extensively disturbed, a cultural resources investigation may be conducted by an archaeologist at the project site within a defined Area of Potential Effects (APE) to determine the project’s potential effects to below ground historic resources if determined necessary. Section 106 consultation with area tribes and DAHP would occur prior to project approval.

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

Although no known archaeological sites are in close proximity to the project, there is still a possibility that cultural resources could be present. If, during construction, cultural resources are found, a systematic collection of artifacts would be made before proceeding with the work and the Department of Archaeology and Historic Preservation would be contacted. If artifacts are uncovered within the project area, work in that area would be stopped and a professional archaeologist would be brought in to examine them. During construction the contractor would monitor the site for potential cultural materials. If artifacts or human remains are uncovered within the project area, work would stop until a qualified archeologist can make an assessment.

14. 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.

156th Street SE is accessed from SR 96 in the north, SR 527 from the west, Hwy 9 from the east, and SR 524 from the south.

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

Community Transit Route 116 and 412 serves the Silver Firs community.

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

No new parking spaces are proposed.
d. Will the proposal require any new – or improvements to existing – roads, streets, pedestrian, bicycle, or state transportation facilities, not including driveways? If so, please generally describe (indicate private or public).
   The proposed project would improve 156th Street SE by constructing bike lanes, shoulders and sidewalks where there are currently gaps.

e. Will the project or proposal use (or occur in the immediate of) water, rail, or air transportation? If so, please 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 or non-passenger vehicles). What data or transportation models were used to make these estimates?
   No additional traffic would be generated by the completed project.

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, please generally describe.
   During construction of the proposed improvements, single lane closures may be needed. The movement of agricultural or forest products on this roadway along with all other users of this roadway would be temporarily delayed. Full road closures are not proposed.

h. Proposed measures to reduce or control transportation impacts, if any:
   During construction of the proposed improvements, traffic control would be needed. A detailed traffic control plan would be developed.

15. Public Services
   a. Would the project result in an increased need for public services (i.e., fire protection, police protection, public transit, health care, schools, other)? If so, please generally describe.
      No additional or increased need for public services would result from this project.

   b. Proposed measures to reduce or control direct impacts on public services, if any.
      Traffic control during construction would be planned, sequenced, and administered to allow continuation of basic services during construction activities in the public right-of-way. The existing roadways in the project area would remain open to traffic during construction, although traffic may potentially be subject to one-lane closures during active construction to avoid conflicts with construction that could pose a safety hazard. There could be potential short-term closures of existing roadways with well-defined detour routes used as needed during roadway closures.

16. Utilities
   a. Check all utilities currently available at the site:
      ☑ Electricity
      ☑ Natural Gas
      ☑ Water
      ☑ Refuse Service
      ☑ Telephone
b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site of in the immediate vicinity which might be needed.

The project proposes no new utilities. Several aerial and underground utilities have been identified in the project area. Detailed information would be requested from each utility as the design is finalized. The design would be coordinated to minimize construction related service disruptions and utility relocations.

Seattle City Light and PUD power and light poles along the roadway would need to be relocated behind the new sidewalk. There are currently underground and aerial telephone, cable, power and gas lines running along 156th Street SE. The proposed improvements would be constructed around the active utilities. New storm water facilities may require relocation of the utilities around specific catch basins, manholes, or pipe crossings.

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

Signature: ____________________________

Printed name and Digital Signature: ____________________________

Position and Agency/Organization: Snohomish County Public Works TES/ENVS

Date Submitted: February 23, 2018
Key to Features:

- Project Location
- Arterial Roads
- Local Roads
- Streams
- Waterbodies

Figure 1. Project Vicinity
Urban Section with Sidewalks

Rural Section with Shoulder

Figure 2. Typical Sections
Key to Features:

- ❄️❄️❄️ Project Location
- 🆘 Mbps City of Mill Creek
- 🌿 🌿 🌿 Wetland
- 🌊🌊🌊 Streams

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Figure 3. Streams and Wetlands