

236th St NE Safety Improvements

Project Narrative

The Stillaguamish Tribe of Indians is planning to construct roadway safety and environmental improvements along 236th Street NE in Snohomish County. The improvements consist of widening and re-profiling the roadway to add shoulders, increase sight distance, accommodate multimodal users, and introduce traffic calming measures between 13th Ave NE and 35th Ave NE. Key project elements are the following:

- A new roundabout intersection at the 19th Avenue Intersection.
- Fish barrier to the east of 19th Avenue will be removed and replaced with a fish passage structure sized as a wildlife crossing.
- 2,400-LF of structural earth walls will be required to raise the roadway across wetlands east of 27th avenue. Within the same area culverts will be upsized to improve hydrology and a 12-ft dia. animal crossing passage will be under the roadway.
- Accelerated construction techniques will be implemented to limit closure of 236th St NE to the public during removing and replacing undersized culverts.

The work involved to complete these improvements consist of clearing and grubbing; existing HMA pavement removal; roadway excavation (approx. 35,000 CY) and embankments (approx. 47,000 CY); ditches, swales, and stormwater treatment ponds (approx. 12,000 CY); retaining walls; stream realignment and culvert crossings; ½ acre of wetland fill; overhead and underground utility relocation/construction; HMA paving, concrete curb and gutter, concrete barrier, metal barrier, concrete and HMA sidewalks; stormwater conveyance pipes and structures, roadside restoration planting, erosion control, pavement markings, and traffic control. In addition to the construction activities necessary to accomplish the work described above (general earthwork and paving, trenching for utilities, etc), the following activities are also anticipated: drilling or over excavation of unsuitable material for retaining wall foundations, stream dewatering activities and precast concrete arch culvert construction. Portions of the work will be accomplished during a full closure of the existing 236th roadway and a traffic detour will be implemented. The remaining work will be staged to maintain traffic through the project limits. Access to individual properties will be maintained at all times.

The project construction is estimated to begin in 2020 and end in 2021. The selection of a contractor will be based upon A + B bidding selection process. A+B bidding is a method of rewarding a contractor for completing a project as quickly as possible. By providing a cost for each working day, the contract combines the cost to perform the work (A component) with the cost of the impact to the public (B component) to provide the lowest cost to the public.