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CITY OF DUVALL
Planning Department
Mitigated Determination of Non-Significance
SR 203 Safety Improvements and Road Reconstruction
October 26, 2015

PROJECT NAME / DESCRIPTION OF PROPOSAL

SR 203 Safety Improvements and Road Reconstruction

The City of Duvall proposes to make approximately 4,200 linear feet of improvements to SR 203 between mile posts 13.9 and 14.7, from approximately the intersection of SR 203 and NE Big Rock Road to the intersection of SR 203 and NE Ring Street. Project activities will include roadway widening for the addition of bike lanes; installation of retaining walls, lighting, and sidewalks with curb and gutter; streetscape enhancements; undergrounding of utilities; drainage improvements, including an upgraded stormwater management system; sewer sliplining; stream channelization; and the replacement of two failing, undersized culvert crossings with fish passable concrete box culverts.

The proposed work will occur within existing public right of way and new right of way acquired through purchase by the City. Proposed land disturbing activity includes 6,720 cubic yards of excavation to install the culvert replacements, walls, roadway, and stormwater features, and to trench for utilities; 4,190 cubic yards of fill, primarily for road grading, backfill for walls, streambed sediment for restoration of Thayer Creek, and erosion control rock for stormwater outfall pads; and 1.54 acres of new impervious surface with a compost amended biofiltration swale (CABS) to offset potential impacts to new impervious surface. Approximately 2.84 acres of roadside vegetation and street trees will be cleared for the project. The State Department of Archaeology and Historic Preservation has determined, based on the likelihood of encountering cultural resources during construction, that no archaeological survey is warranted, but proposes the use of an inadvertent discovery plan in the unlikely event that cultural resources are encountered during construction.

Two streams (Thayer Creek and Coe-Clemons Creek) and seven wetlands exist within the project area and flow west into the Snoqualmie River. The project proposes to replace two failing culverts at Thayer Creek. An existing 24-inch diameter concrete pipe culvert under SR 203 would be replaced with a 7-foot wide by 5-foot high by 91-foot long concrete box culvert in an alignment similar to that of the existing one, and a 30-inch diameter concrete pipe culvert under NE 143rd Place would be replaced with a 7-foot wide by 5-foot high by 63-foot long concrete box culvert in the same alignment as the existing one. Streambed and stream buffer restoration is proposed to mitigate for installation of the proposed improvements, including replenishing the area with natural streambed substrate. Temporary and permanent impacts to four wetlands are necessary to complete wall installation and clearing activities. Proposed mitigation for temporary wetland impacts includes installation of native plantings. Proposed mitigation for permanent wetland impacts includes purchasing credit from the Snohomish Basin Mitigation Bank and enhancing additional buffer within the project vicinity. Coe-Clemons Creek and its adjacent wetlands will not be impacted by the proposed project as there will be no work proposed on the existing culvert that conveys Coe-Clemons Creek under SR 203.

The project site lies within existing SR 203 right of way between mile posts 13.9 and 14.7 and adjacent to existing right of way within the following parcels: 2426069080; 7325800010;

7325800230; 2426069058; 2426069044; 174990000; 1326069133; 1326069063; 1326069024; 1326069210; 2129900080; 2129900070; 1326069166; 2129900060; and 2129900030.

APPLICANT/CONTACT

Applicant Contact:

Steven Leniszewski, City of Duvall Public Works Department, 14525 Main Street NE, Duvall, WA 98019

LEAD AGENCY

Lead Agency:

City of Duvall Public Works Department, 14525 Main Street NE, Duvall, WA 98019

The responsible official hereby makes the following determination based upon impacts identified in the environmental checklist and evaluated by staff, the policies set out in the 2006 City of Duvall Comprehensive Plan, and other municipal policies, plans, rules, and regulations designated as a basis for the exercise of substantive authority of the Washington State Environmental Policy Act Rules pursuant to RCW 43.21C.

It is hereby determined that this proposal does not have a probable significant adverse impact on the environment. An Environmental Impact Statement (EIS) is not required under RCW 43.21C.031(1). This MDNS is issued under WAC 197-11-340; the lead agency will not act on this proposal for at least 14 days from October 26, 2015.

NOTES

1. In addition to the Lead Agency's experience with similar projects, this threshold determination is based on the following:
 - a. State Environmental Policy Act (SEPA) Checklist dated September 14, 2015, prepared by City of Duvall Public Works Department
 - b. Site plan and construction drawings dated September 10, 2015, prepared by KPG and SDA
 - c. No Effect Determination dated October 13, 2014, prepared by the State Department of Archaeology and Historic Preservation
 - d. The following applications and materials prepared by Widener and Associates:
 - i. Wetland Report dated September, 2015, and Biological Assessment (BA) – No Effect Determination
 - ii. Bank Use Plan dated September 15, 2015
 - iii. Joint Aquatic Resources Permit Application (JARPA) dated September 15, 2015
 - iv. Environmental Classification Summary (ECS) dated September 22, 2015
 - v. Noise and Air Exemption Memorandum dated September 22, 2015
 - vi. Environmental Justice Memorandum dated September 22, 2015
2. Issuance of the threshold determination does not constitute approval of project permits or approval of the project. The proposal will be reviewed for compliance with all applicable

City of Duvall codes which regulate the proposed development activities including, but not limited to, Land Use Codes, Building Codes, Public Works Development Design Standards, Surface Water Design Manual, and the Sensitive Areas Regulations. In addition, the applicant is required to obtain all necessary permits and approvals from affected agencies with jurisdiction prior to project construction.

DESCRIPTION OF IMPACTS

1. **Traffic Impacts:** The project may cause temporary lane closures, delays, rerouting of existing traffic onto roadways adjacent to SR-203 (Main Street NE), and increases in construction vehicles on and adjacent to the project site.
2. **Roadway and Multi-modal Impacts:** The completed project will encourage vehicle and multi-modal users to make additional trips to, through, and within the site.
3. **Clearing, Grading, and Stormwater Impacts:** Cumulative land disturbing activities are anticipated to total approximately 10,910 cubic yards, with 1.54 acres of new impervious surface added to the site. Approximately 2.84 acres of roadside vegetation will be cleared. The project is designed to minimize new and replaced pollution generating surfaces, to maintain existing natural discharge locations, and to employ a biofiltration facility to minimize impacts to downstream water systems.
4. **Noise:** Temporary increases to existing noise levels will be generated by construction vehicles and activities throughout the duration of the project.
5. **Sensitive Areas:**
 - a. **Wetland Impacts** – The project area contains seven wetlands, four of which (A, B, C, and D) are moderate to low-functioning, immediately adjacent to the existing roadway, and proposed to experience temporary and permanent impacts in order to achieve project goals of roadway widening, retaining wall construction, and culvert replacement. Four wetlands will be impacted by the proposed activities.
 - b. **Thayer Creek and Snoqualmie River Shoreline** – Thayer Creek and the four wetlands mentioned above will be impacted by the proposed activities. These sensitive areas are hydrologically connected to the designated shoreline area and considered part of the shoreline environment of the Snoqualmie River. The two culvert replacements proposed on Thayer Creek are designed in accordance with Washington Department of Fish and Wildlife (WDFW) Water Crossing Design Guidelines and will minimize impacts to streams and wetlands by orienting them in the same or similar alignments as the preexisting culverts and extending them only as needed to account for roadway widening associated with the proposed

safety improvements. The new culverts are expected to permanently impact approximately 529 square feet of Thayer Creek below the Ordinary High Water Mark (OHWM). In addition, about 16 square feet of permanent impact associated with the stormwater outfall pad for the NE 143rd Place stormwater ditch is proposed below the OHWM. Stream restoration at the culvert ends and between the SR 203 and NE 143rd Place culverts would temporarily impact 1,139 square feet below the OHWM to place WSDOT-spec streambed materials and to clear and grub vegetation. These streambed restoration activities are proposed as self-mitigating, in that the new culverts will add 691 square feet of functional stream area and facilitate access to 2,110 linear feet of habitat that was previously inaccessible, consistent with Duvall Municipal Code (DMC) Section 14.42.

MITIGATION MEASURES

1. Traffic Impacts:
 - a. Construction shall be phased to the extent feasible to minimize the need for lane closures;
 - b. Prior to start of construction, a traffic control plan shall be approved and in place;
 - c. Access to residences and businesses shall be maintained throughout the life of the project.
 - d. When necessary, detours shall be provided in locations causing the least interruption to traffic flow and capable of handling increased traffic volumes;
 - e. Detours shall be in effect for a time period not to exceed that necessary to complete construction activities.
2. New Roadway and Multi-modal Improvement: Facilities shall be built to regulatory standards, including width, frontage, and ADA standards to provide safe connectivity to existing and future off-site improvements.
3. Clearing, Grading, and Stormwater: The applicant shall incorporate the following mitigation measures:
 - a. Prepare and implement an approved Temporary Erosion and Sediment Control Plan (TESC);
 - b. Prepare and implement an approved Stormwater Pollution Prevention Plan (SWPPP);
 - c. Install and maintain sediment and erosion control best management practices (ESCBMPs) for the duration of construction and ground disturbing activities;
 - d. All proposed fill shall be imported from an approved commercial source.
 - e. Construct proposed stormwater facilities to provide water quality improvements;
 - f. Restore unimproved disturbed areas outside of the proposed right of way improvements by seeding with native seed mixes and planting site-appropriate native species, including restoration of temporarily disturbed wetlands, wetland buffers, and stream buffers within the project limits;

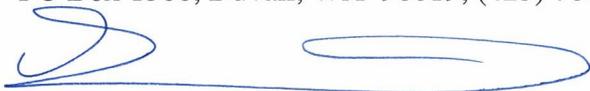
4. Noise: Construction activities shall generally be limited to the period between 7 a.m. and 6 p.m., Monday through Saturday, in accordance with Duvall Municipal Code. Work outside of the approved hours is prohibited unless requested in advance and approved by the City Engineer.
5. Sensitive Areas: All mitigation shall be in accordance with the Widener and Associates approved Sensitive Areas Mitigation Plan:
 - a. Wetland Impacts –
 - i. Temporary wetland impacts shall be mitigated through revegetation of impacted areas with appropriate native plant species, consistent with DMC 14.42.
 - ii. The City of Duvall Public Works Department shall provide in-kind, in-watershed mitigation for the permanent wetland impacts through the purchase of credits at the Snohomish Basin Mitigation Bank. Applicable wetland bank credits shall be purchased prior to commencement of construction of the project.
 - b. Thayer Creek Culverts – Stream work shall be constructed during the dry season and in-the-dry through use of a temporary stream bypass system that employs sandbag dams, bypass pipe, and pump to transport flows downstream of the work area, consistent with DMC 14.42.330(K).
 - c. The applicant shall ensure performance and success of restoration activities by following a monitoring, maintenance, contingency plan, as well as ensuring permanent protection of wetland mitigation in perpetuity through protective covenant or other instrument in accordance with DMC 14.42.100.
6. Cultural Resources: The applicant shall prepare and employ an inadvertent discovery plan to address cultural resources that could be encountered during construction.

COMMENT PERIOD

Comments regarding the MDNS must be submitted no later than **4:30 p.m. on November 9, 2015**. Appeals shall be filed in accordance with DMC 14.08.060.C.

RESPONSIBLE OFFICIAL

Lara Thomas, Planning Manager
PO Box 1300, Duvall, WA 98019, (425) 788-1156



Lara Thomas, Planning Director- Date Issued October 26, 2015