



King County

Department of Local Services
Road Services Division

DETERMINATION OF NONSIGNIFICANCE (DNS)

Name of Proposal: South 277th Street Bridge #3126 Replacement (Project #1136001)

Date of Issue: May 28, 2020

Description of Proposal: King County proposes to replace the existing South 277th Street Bridge #3126 with a four-sided concrete box culvert. The project area is confined to the existing King County road right-of-way.

Currently the bridge is load-restricted and unable to support certain types of large trucks including some types of fire engines used by adjacent fire districts, full-size garbage trucks, dump trucks, and concrete mixers. The replacement culvert will provide unrestricted access for all vehicles. It will also provide environmental enhancements by improving fish passage and removing creosote timber pilings from Mullen Slough.

South 277th Street at this location has a traffic volume of about 23,000 vehicles per day, of which 2,600 vehicles are trucks carrying an estimated 4 to 10 million tons of freight per year. The road is a designated county snow/ice route, lifeline route, and Green River Valley flood evacuation route. The bridge has a sufficiency rating of 39.70 out of 100 and was identified in the King County 2017 *Annual Bridge Report* as a priority need for replacement.

The existing bridge has a 14-foot-wide opening over Mullen Slough; the new culvert will have a 19-foot-wide opening. The construction footprint is estimated at up to 200 feet long by the 92-foot-width of the right-of-way. Traffic control and lane reductions during construction will extend approximately 1,000 feet west of 55th Avenue South and east to West Valley Highway South.

Location of Proposal: The proposal is located within the road right-of-way on South 277th Street at the Mullen Slough crossing, between 55th Avenue South and West Valley Highway South in unincorporated King County, near the City of Kent. The site is located at latitude 47.353669, longitude -122.258292 in the northwest quarter of Section 45, Township 22N, Range 05E (Willamette meridian). The location can be found on page 715, grid cell B7 of the Thomas Brothers Guide.

Schedule: The project is planned for construction in late spring to early fall 2021, requiring an estimated 125 active construction days (about five months), including a reduction in travel lanes through the construction zone. The full construction duration is estimated at 175 working days, or about 7 months.

Proponent and Lead Agency: King County Department of Local Services, Road Services Division

The lead agency for the proposal determined that it does not have a probable significant adverse impact on the environment. A State Environmental Policy Act (SEPA) environmental impact

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statement (EIS) is not required under Revised Code of Washington (RCW) 43.21C.030(2)(c). This decision was made after review of a completed SEPA environmental checklist (ECL) and other information on file with the lead agency. Copies of the ECL are available on the project website at: www.kingcounty.gov/s277thstreetbridge.

This DNS is issued under Washington Administrative Code (WAC) 197-11-340(2); the lead agency will not act on this proposal for fourteen (14) days from the date of issue, per WAC 197-11-502(3)(b).

Comments and Appeals: Although there is no administrative appeal of this threshold DNS (King County Code 20.44.120), the county welcomes your comments. **Any comment regarding the DNS must be received by 4:30 p.m. on June 11, 2020.** Comments may be submitted by email (recommended), US mail, or telephone.

All comments received by this deadline will be reviewed by the lead agency. If you have any questions or concerns, or require additional information, please contact Broch Bender, Roads Communications Manager.

Contact Person: Broch Bender, Roads Communications Manager
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Road Services Division
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Signature:
SEPA Responsible Official:
Position/title:

DocuSigned by:
Rick Brater

RICK BRATER
Road Services Division Director
Department of Local Services

Date: 5/26/2020
