

City of Troutdale
Floodplain Development Permit

C. Required Attachments – Narrative:

This project is the routine repair and maintenance of an existing privately owned bridge on SE Jackson Park Road. The existing bridge is made of wood with cement abutments. The proposed work is to replace the two deteriorated wooden beams with steel beams and replace the existing decking.

It will be completed without expanding the development footprint or site use and is critically needed to allow for residents, emergency, and city vehicles to safely cross the creek. It should be noted that this specific community of homes is identified as a Community at Risk (CAR) for Wildfires by the Oregon Department of Forestry with a “high” to “extreme” rating. If a fire were to develop around this road it would not only put the 20 homes of this community in danger but would also threaten the homes on SE Evans Loop and SE Lewellyn Avenue (since both communities are located directly above, and to the West, of SE Jackson Park Road).

Specific actions to be completed during this project will be to remove and haul away 4 x 6 top boards and two bridge beams. The handrails will be removed, but will be reused after the repairs are made. A narrow area will be dug out to expose the two existing beams. Two 40' x 18" x 35" steel I beams will be installed. New 4 x 6 top boards will be bolted down with 3 lag bolts to existing wood beams. Clip bolts with bearing plates will be attached to the inside of each steel beam and each 4 x 6 on the will also be bolted on the outside of each steel beam. Runners will be installed on each side of the bridge and screwed with ledger locks. Top boards will be replaced with new 2 x 6's.

All work will be accomplished by a licensed contractor following all engineering drawings as well as all applicable local and state requirements.

Timeline and phasing for this project is scheduled for early spring of 2024 upon city approval. The repairs are expected to take three work days to complete. During this time, traffic will halted at the bridge locations and residents will use alternate means to access their homes. Coordination will be made with any non-residents for deliveries or other businesses.