

February 16, 2023

Raccoon Point Road Maintenance Association Board Members

Dear Board Members:

In the spirit of cooperation and based on the Board's directive at the annual meeting last summer, I am writing to provide you with the proposal that is a consensus of expert contractors identified for resolving the recurring culvert overflow situation at the Day Lake Stream crossing.

As you've seen, I have worked diligently over the last six months to obtain a report to assess the situation and to research vendors and engage one who is able to meet the engineering specifications required. First, I spoke at length with Paul Vierthaler from Island Excavating, who has worked extensively on Raccoon Point Road projects in the past. He explained that the utility cables along the road interfere with efforts to expand underground culverts. This is consistent with information from Herrera Environmental, which noted that a bridge could be the simplest option for crossing the stream. Therefore, Paul urged me to contact Janicki Construction in Sedro Woolley because they have broad experience constructing roads over streams, including here on Orcas Island.

Janicki Construction conducted a detailed review of the culverts, the road, and the engineering report from Herrera Environmental Consultants, and have now provided the attached quote. It is not a small number, though not substantially more than the costs I've borne to repair the damage caused by the culverts from just one storm, which Herrera anticipates will occur again.

Janicki Construction ("JLC") proposes the following:

Goal:

To create a stream crossing sized appropriately based on the Geomorphic Assessment created on October 5, 2022 by Herrera. As well as keeping the integrity of Raccoon Pt Rd, all utilities, and private driveways in the proximity of the crossing.

Solution:

JLC recommends a 30'x20' modular steel bridge with precast concrete decking. This solution will meet the following requirements.

1. 12' wide bank full width – HPA requirement based on Herrera report
2. 20' bridge width – San Juan County requirement for private drive with multiple users
3. 3' vertical debris clearance – WSDOT requirement
4. HS-25 load rating – County Fire Department requirement

Conclusion:

JLC will submit a quote to for the recommended 30'x20' bridge with the following line items:

1. Permitting/Consulting
2. Structure (including delivery)
3. Installation

The installation includes all coordination with the utility companies for a smooth transition to more stable and maintainable lines adjoining the bridge. As you can see, the quote also includes coordinating with permitting agencies to make sure that the new installation is up to date legally. And Janicki attached a set of photographs showing examples of similar work they have performed throughout Washington State. I noticed that the quote doesn't include an estimated timeframe for the work, so I called them and learned that they may not be able to start until this summer if Day Lake Stream qualifies as a fish bearing stream as determined in the permitting phase, but that they could complete the construction work in three days. A 50% downpayment is required at contract signing to begin bridge fabrication.

At this point, I ask that you call a special meeting so that we can put this proposal before the membership to discuss the special assessment needed to move forward with the culvert replacement. Please let me know as soon as that can be scheduled. Also, I'm sure that you and the membership will have questions about the proposal, and I would be happy to invite Mr. Janicki to participate in the meeting to field those questions.

I very much look forward to working with you to make this happen and mitigate future flood damage such as occurred in November 2021.

Sincerely,

Patricia Hunt

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Pat Hunt

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