

Zackuse Creek – Schedule C  
Weekly Construction Update  
Schedule of Construction Activities

Week of October 8<sup>th</sup> and 15<sup>th</sup>, 2018



*This culvert under Shore Lane is the last of three obsolete culverts on Zackuse Creek to be replaced with wider, fish-passable culverts in the effort to improve access to kokanee salmon spawning habitat upstream.*

**Week of 10/8:**

- Limb and top trees, and remove debris. Two trees on the west side of Shore Lane are cut down to about 12 feet above ground so they may be later used as root balls and logs in the restored stream bed. These trees were removed to make room for one of the new culvert's wing walls.
- Saw cut asphalt on Shore Lane for later removal.
- Install and extend temporary water and sewer lines around the Shore Lane culvert construction site. Permanent lines will be installed after the new culvert is installed.
- Extend the stream bypass lines under Shore Lane and move the bypass outflow area further downstream.



*Contractors removing limbs on a tree in the construction zone. Two trees on the left have been topped in preparation for reuse in the stream bed.*

**Week of 10/15**

- Stockpile materials and mobilized equipment at the project site.
- New fish-passable culvert is delivered
- Zackuse Creek is diverted around the construction site
- Existing culvert is removed
- Excavate to make room for the new fish-passable culvert
- Began setting the new culvert



*Trees from the top photo, being removed and stored for later use in the streambed. Note the proximity of the neighbor's garage to the construction site.*

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**Week of 10/22**

- Complete new culvert installation, including wing walls and lid, weld and grout its seams
- Backfill around the new culvert
- Emplace stream bed gravel

**Week of 10/29**

- Rewater Zackuse Creek
- Install permanent water and sewer lines under Shore Lane
- Install mitigation planting along Zackuse Creek
- Cleanup site and culvert contractor demobilizes

**Week of 11/5**

- Complete mitigation planting
- Repair paving on Shore Lane
- Install guardrail on Shore Lane culvert



*Two sections of the new culvert being delivered. The delivery truck is parked above the recently completed culvert on the ELST, as the trail is serving as a temporary access road.*



*A contractor works on fittings to extend the stream bypass system downstream of the Shore Lane culvert. These pipes carry stream water around the project, providing contractors a dry work area and keeping Zackuse Creek water clean.*



*Old culvert removed, the void is enlarged for the wider and deeper fish-passable to be installed.*

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