

DECISION PAPER



November 15, 2019

Issue:

The culvert at the entrance to the parking lot at Alder Creek Adventure Center sustained critical damage requiring immediate replacement

Background:

On November 13, 2019 a sink hole was discovered at the entrance of Alder Creek Adventure Center. Investigation determined that this past spring the culvert that runs underneath the driveway overtopped and undermined the road to approximately half way across the driveway. It appears that the culvert was installed in two sections and the joint opened up allowing the water along the road base material to re-enter the culvert and flow out the other end. This was caused by the culvert being crushed at the inlet along the brush/rocks/and logs blocking the opening. The culvert inlet was also not constructed correctly with a proper headwall to protect the culvert and prevent undermining and erosion. This is not a new culvert and was not part of the Alder Creek Adventure Center project in 2015. An immediate repair is mandatory ahead of the 2019-2020 winter season.

Director of Capital Projects, Jon Mitchell contacted and has met with contractors and consultants who have provided estimates for the repairs. Jon Mitchell is also in contact with the Lahontan Water Board and the Town of Truckee on this repair, concerns and requirements for work in the wetlands.

Proposals have been received from contractors and consultants for repairs. Attached are available proposals and verbal amounts for a complete culvert and headwall repair.

Recommendation:

Staff recommends the Board of Directors consider approving the emergency repair and replacement to the culvert and construction of headwall for a not to exceed budget of \$50,000 utilizing Replacement Reserve - Expense Funds.

Prepared By: Jon Mitchell

Reviewed by: Annie Rosenfeld

Reviewed by: Michael Salmon

Board Approval: _____ **Date:** _____

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