



Jenny Wilson
Mayor

Catherine Kanter
Deputy Mayor of Regional
Operations

Scott R. Baird, P.E.
Director, Public Works
and Municipal Services

Kade D. Moncur, P.E., CFM
Director, Public Works
Engineering Division

**PUBLIC WORKS
ENGINEERING DIVISION**

Government Center
2001 South State Street
Suite N3-120
Salt Lake City, Utah 84190

T 385-468-6600
F 385-468-6603

Briefing Memorandum

Subject: Lower Millcreek Canyon Overlay
From: Scott Baird, Crystal Hulbert, Leon Berrett
Date: 2/18/2021

Summary

The Greater Salt Lake Municipal Services District (GSLMSD) is considering approving a bond for several large projects in the Metro Townships and Unincorporated County areas. An Asphalt Overlay of lower Millcreek Canyon Rd has been considered as a project to include in the bond. Public Works Engineering recommends this as a project that the County (on behalf of Unincorporated County) should include in the Bond to be constructed in the next three years.

Background

The milling and asphalt overlay of Millcreek Canyon Road was scheduled to be completed in 2019, the lower portion being from the fee station to the winter gate. It was delayed because at the time it was thought that the entire road might be part of the FLAP grant. It has been decided that the FLAP grant will only cover the section of road above the winter gate. Overlay of the lower portion of Millcreek Canyon Road will not be part of this FLAP grant. The lower Millcreek canyon road is currently in need of repair. This portion of the canyon is well-used with a large number of County residents accessing it regularly. The cost estimate for this project is approximately \$2.7 million dollars. If the FLAP grant on the upper portion of the canyon is approved and constructed, the lower mill and overlay of the Millcreek Canyon Road will complement the upper improvements and serve as a solid base for this regional attraction to not only protect the canyon, but also enhance its beauty.

Issues to Consider/Action Item

Public Works Engineering recommends that the County support this project for inclusion on the bond the GSLMSD is proposing.

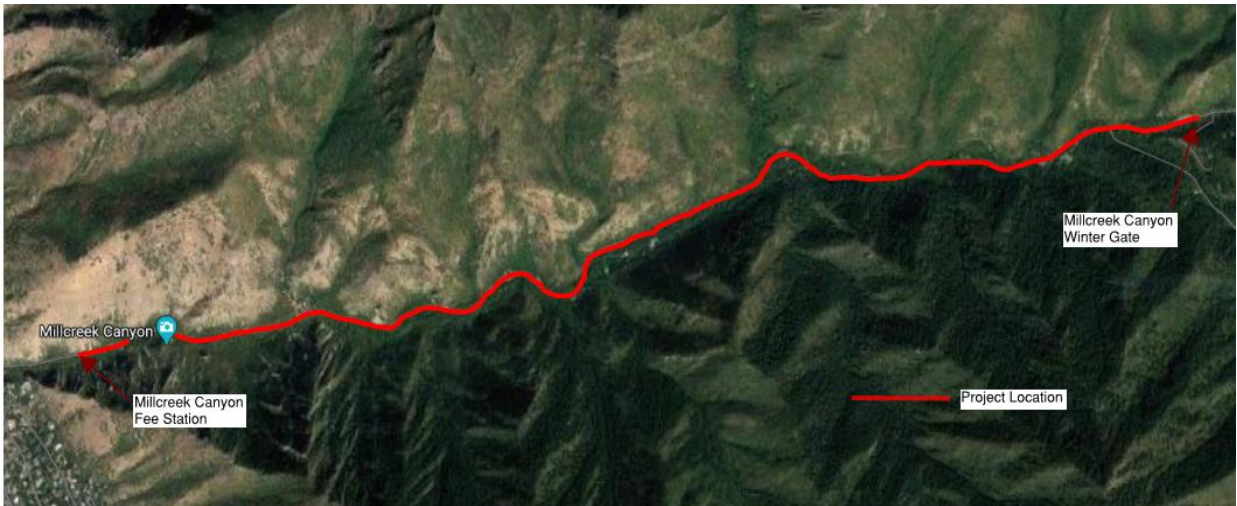
Analysis

This section of the Millcreek Canyon Road has an OCI (Overall Condition Index) that varies, but the overall OCI is 46 out of 100. When a road has this low of an OCI, a less-expensive maintenance process, like a chip seal, loses much of its effectiveness. The best maintenance at this time includes having the road milled (top portion of asphalt removed) and an asphalt overlay placed and compacted. This project would not only improve the aesthetics of the road and water shedding abilities, but it would also increase its structural capacity. This is particularly important in preparation for the construction work needed for the upper portion of the canyon since equipment and trucks will be using the lower part of the road to access the upper section.

Project Costs

Construction Subtotal		\$ 2,410,180.27
Design	10%	\$ 200,848.36
Construction Management	5%	\$ 100,424.18
TOTAL PROJECT COST ESTIMATE		\$ 2,711,452.80

Location



Recommendation

SLCo Public Works Engineering and Public Works Operations Division recommend that this work be performed.