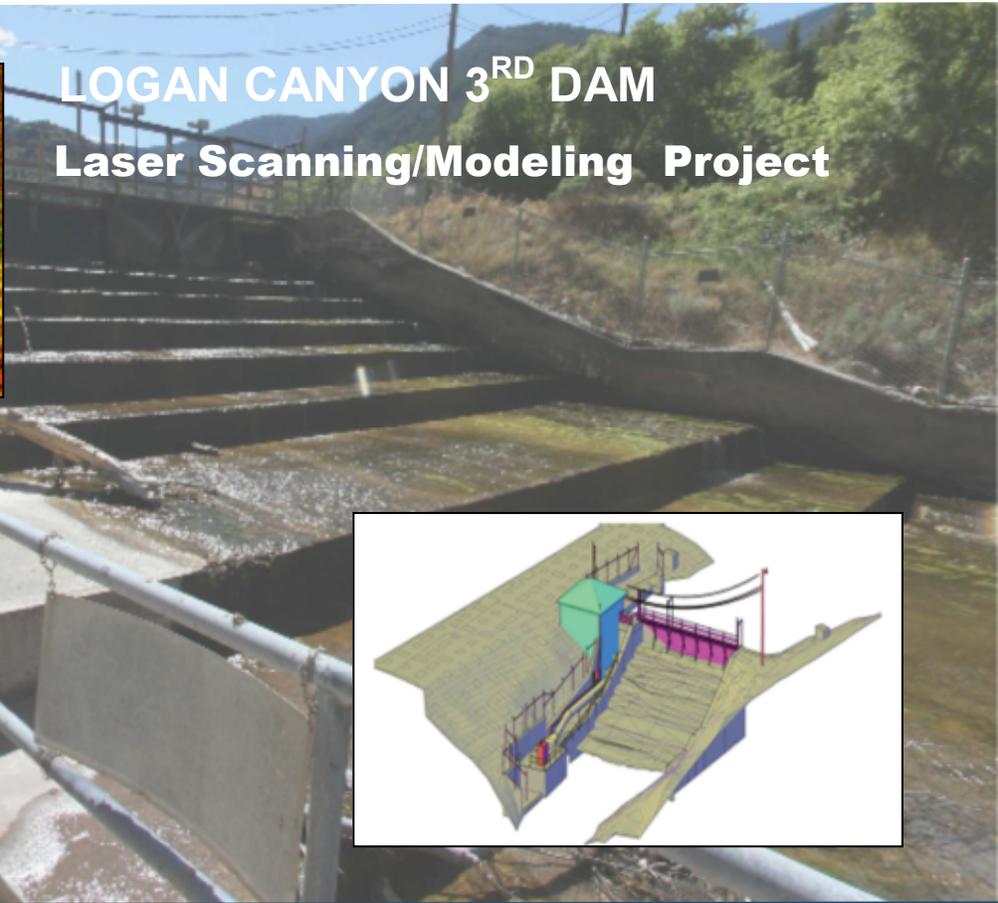
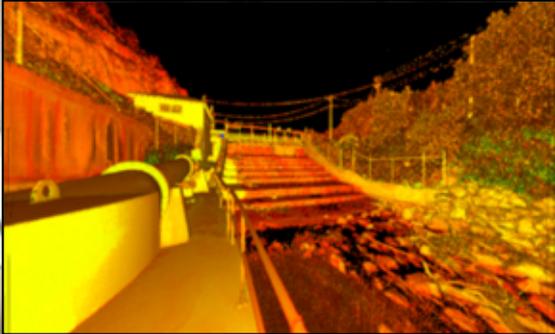




Laser Scanning & Survey Project

LOGAN CANYON 3RD DAM

Laser Scanning/Modeling Project



PROJECT DESCRIPTION:

- ◆ The Logan River is a 53.7 mile long tributary of the Little Bear River in Utah and is dammed at the 1st, 2nd, and 3rd dams at the Mouth of Logan Canyon. McNeil Engineering was tasked with providing record drawings of existing improvements of the 3rd dam that was constructed in 1923. LiDAR Technology was used to capture this information to provide the detail required for future modifications.
- ◆ The 3rd Dam was scanned and modeled by McNeil Engineering so that precise details could be taken from the model. The laser scanner was able to collect data that was unattainable using traditional survey methods
- ◆ The laser scanning technology provided a safer working environment for the survey crew, giving them the ability to capture survey information from a distance, which would not be obtainable using traditional survey methods.
- ◆ McNeil Engineering was able to provide more accurate data in a shorter amount of time as compared to using traditional survey methods, thus providing a lower cost to the clients.



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