

ALLISON LAKE PROJECT

Dick Griffith March 11, 2010

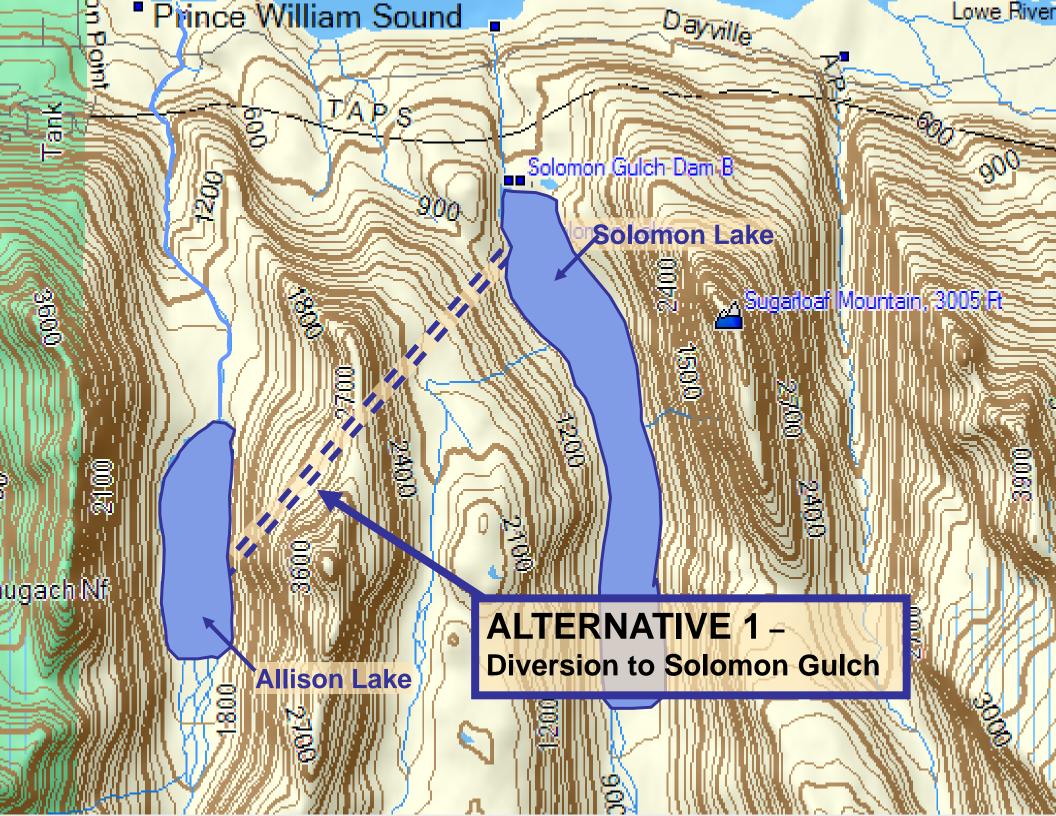


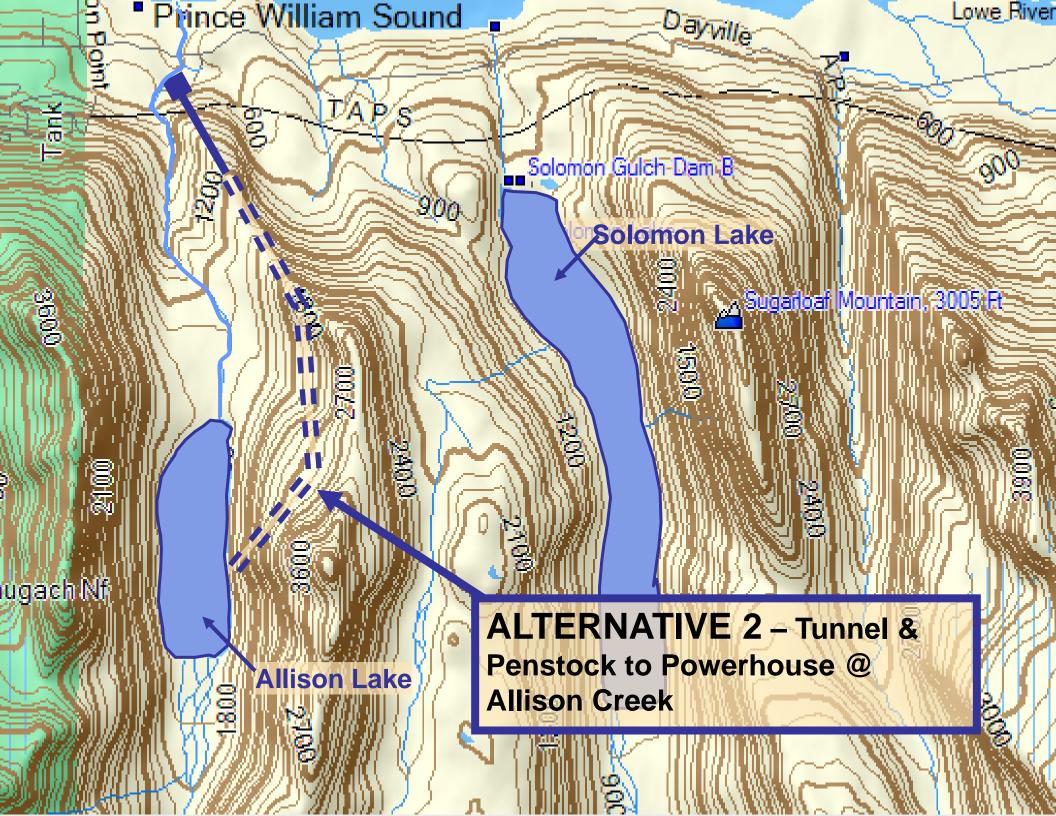
PREVIOUS STUDIES

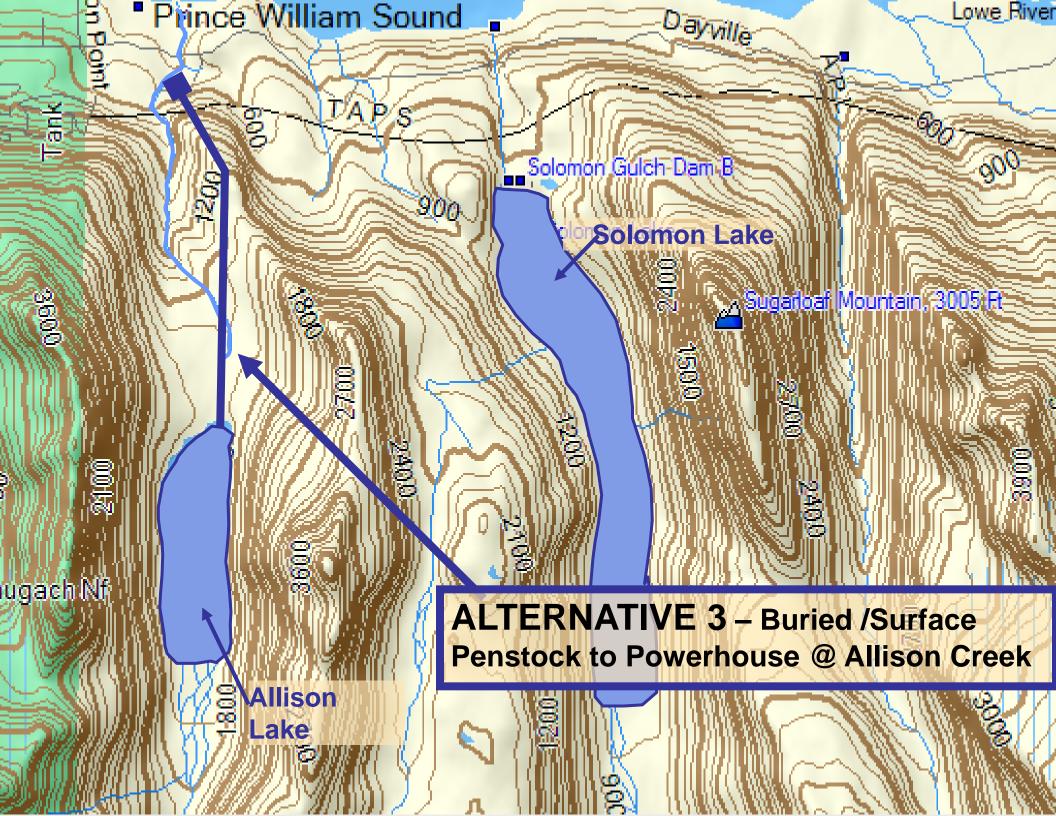




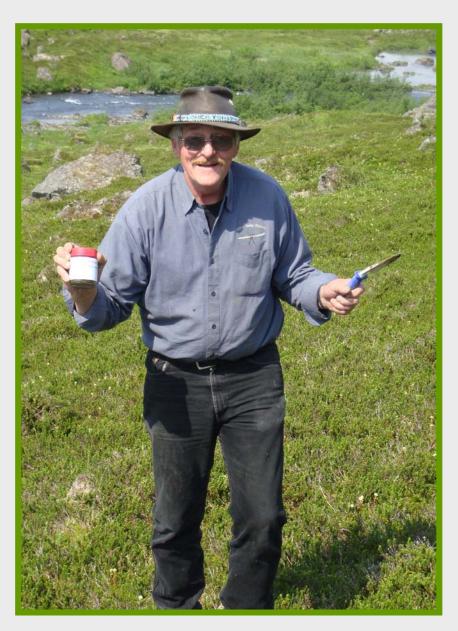








PROGRAM OBJECTIVES



• TIMELY PROJECT IMPLEMENTATION

RELIABLE
 PROJECT COST
 ESTIMATES

PROJECT MILESTONES

- Began study in late 2007
- Pre-Feasibility Study February 2008
- Filed Preliminary Permit Application March 2008
- Received Preliminary Permit –
 September 2008
- Initial Field Studies October 2008
- Second-year Field Studies October 2009
- Final Feasibility Study April 2010

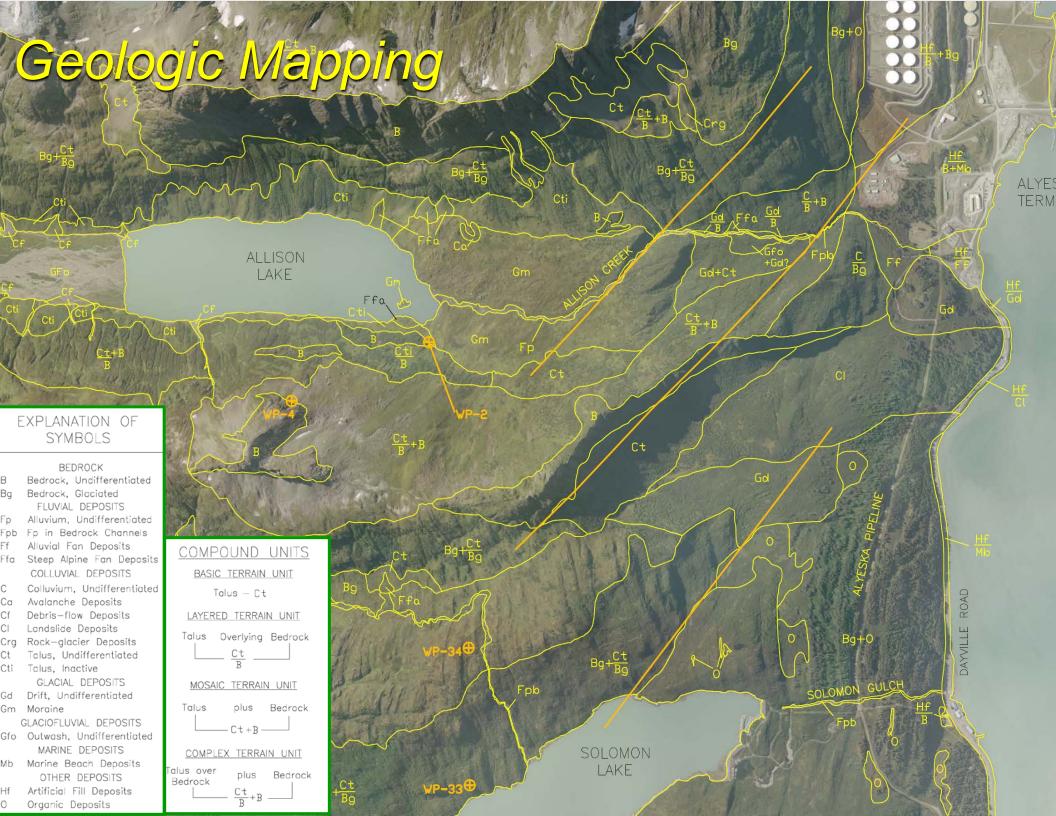
PROJECT STUDY PROGRAM



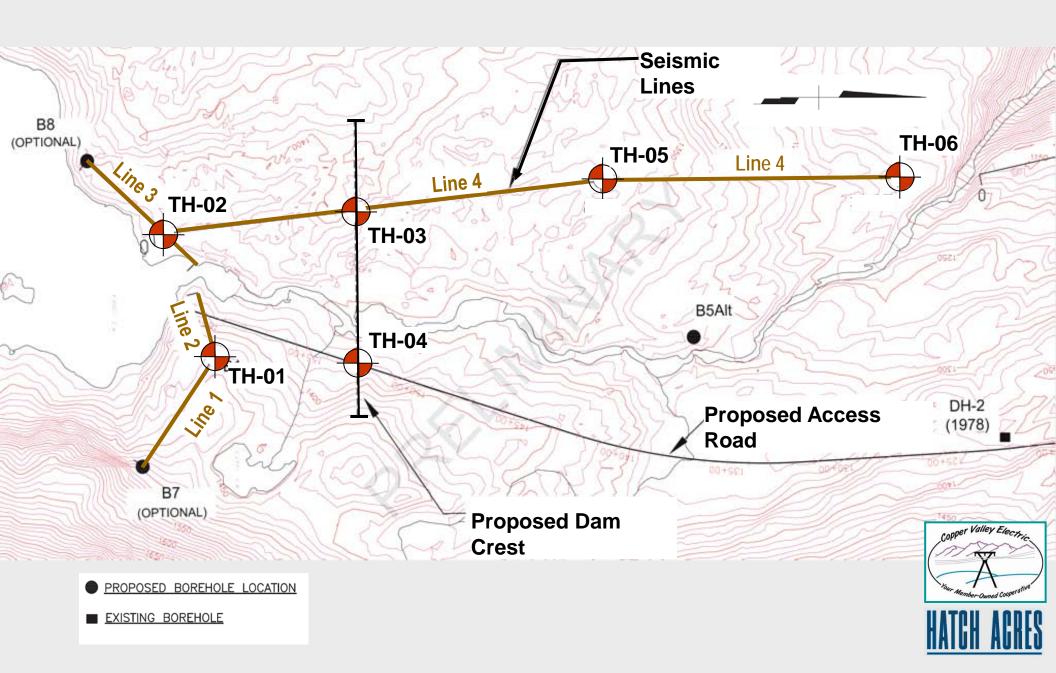
- Environmental
 Studies Program
- Engineering Studies
 Program

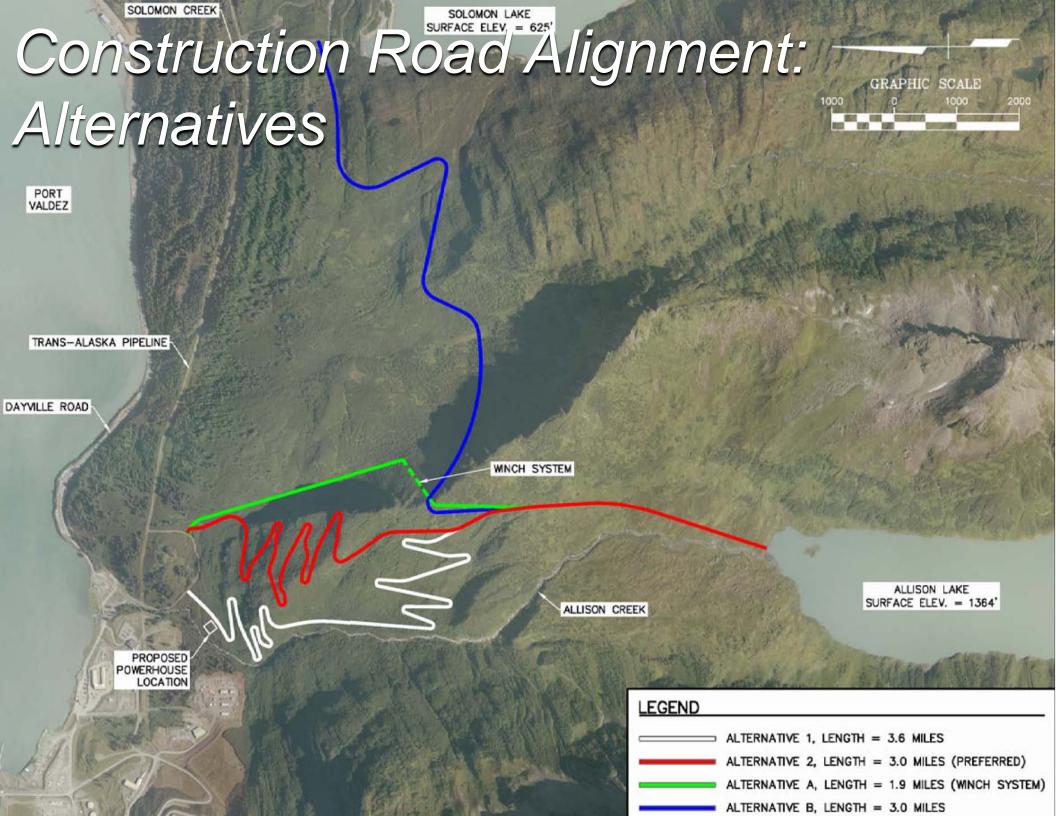






Geotechnical Program – Seismic Profiles and Borehole Locations



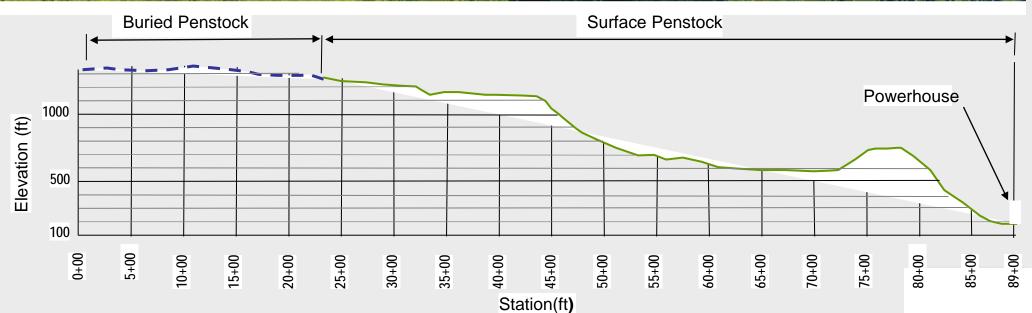


HYDROLOGY - Installation

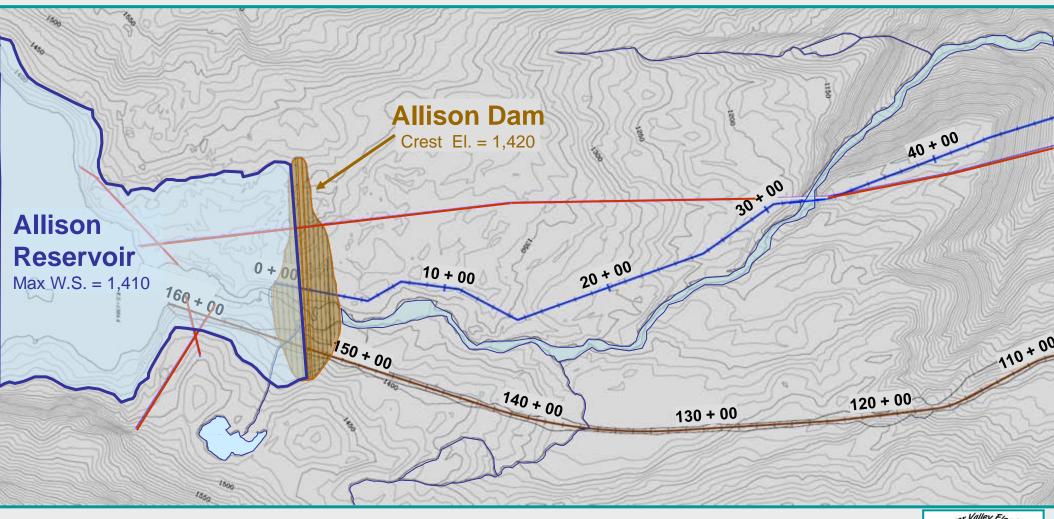


Preferred Arrangement - Plan & Profile





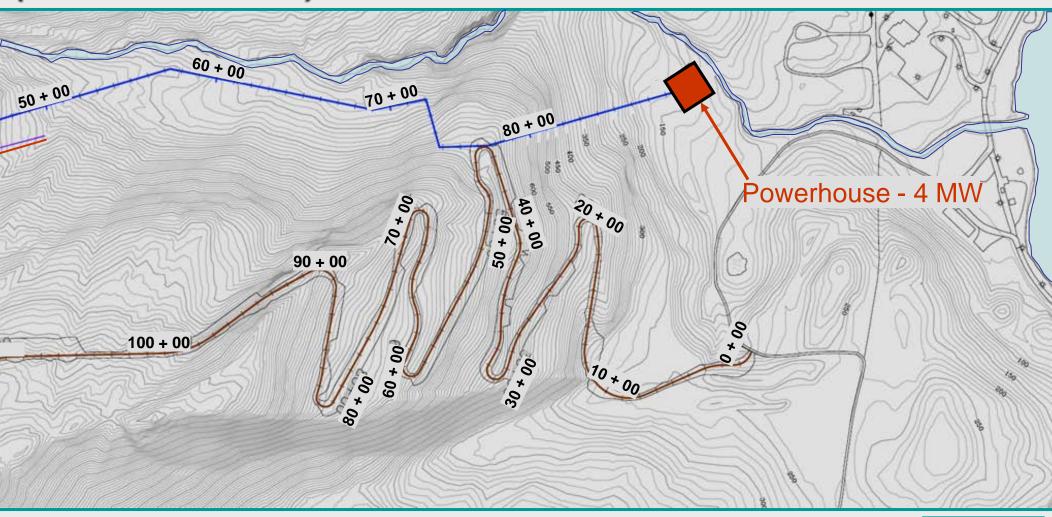
Preferred Alternative —Plan (sheet 1 of 2)







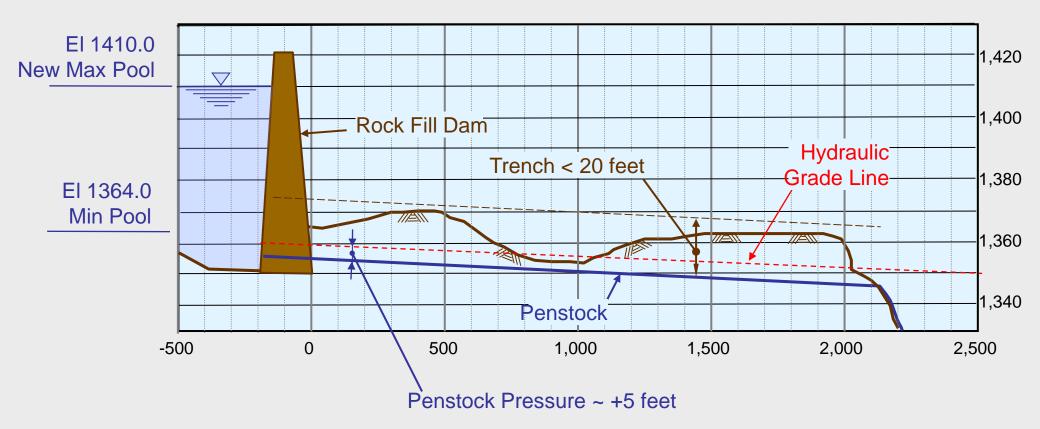
Preferred Alternative —Plan (sheet 2 of 2)





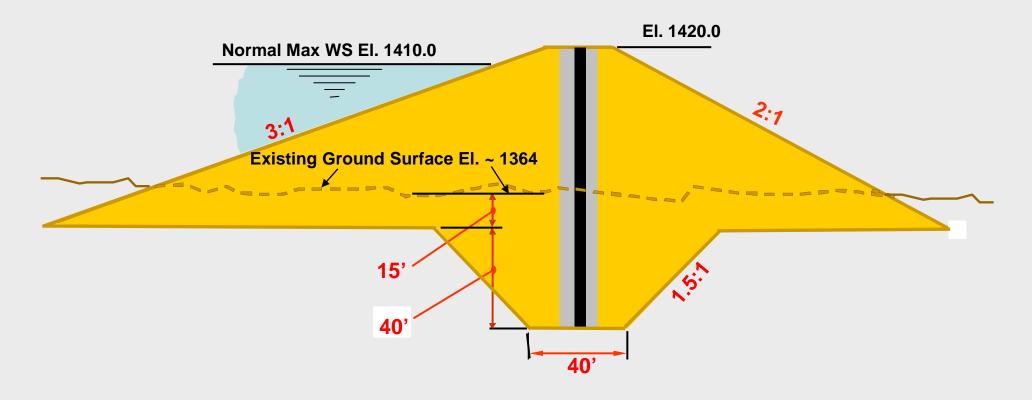


Preferred Alternative -Profile Detail





Preferred Alternative – Dam Cross Section







INTERIM CONCLUSIONS

- Project is environmentally net positive
- Project is technically feasible
- Buried / surface penstock w/ dam @ El.1420 appears to be most cost effective arrangement
- Technical challenges >>>Economic impacts
- Project would benefit from current exclusion from "renewable" status

