

ADDENDUM No. 2
December 1, 2023

Columbia Lake Dam: Slide Gate Assembly Rehabilitation
Columbia, Connecticut

An exploratory dive was performed at the vault containing the outlet slide gate and at the intake of the inlet pipe to the vault. A video recording of the dive may be viewed at the following links:

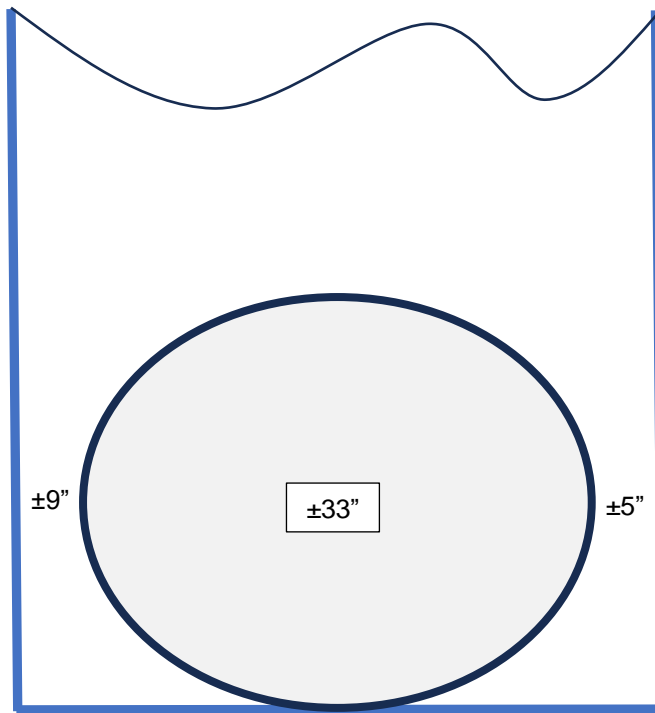
Gate Valve Chamber: <https://youtu.be/y4EkF232Or8>

Intake Structor: <https://youtu.be/IKWCBPNtswE>

Also, attached, a diver's letter report and the original Rodney Hunt order form for the gate assembly. Rodney Hunt reports that all parts are available.

Findings:

1. Flow restriction to the gate vault will have to be done at the interior of the vault. The inlet structure prevents safe means of sealing the intake pipe.
2. The inlet pipe invert is flush to the invert of the valve vault.
3. The siphon pipe for the fire supply system conflicts with work at the inlet pipe. Bids shall include removal and disposal of the intake pipe and replacement in kind at the completion of the gate repair.
4. Major components of the existing gate and hoist are still usable. The assembly should be disassembled, cleaned and inspected. If major components are required to be replaced, the contract price will be adjusted accordingly.
5. Suggested start date for work is Mid March-April, when the gate is closed to refill the lake for summer operation. Refilling of the lake is beyond the control of the owner. If work extends to after the lake is filled, a provision for adjustment of the lake level by the owner is to be included in the temporary condition.



30-inch concrete inlet pipe on skew. Zero bottom clearance. Vault interior width ± 48 -inch.