



Four Lakes Task Force

FOUR LAKES TASK FORCE

May Construction News

SECORD DAM



Secord concrete work is nearing completion in the stilling basin and the auxiliary spillway chute. We are installing soil anchors in the auxiliary spillway now. Low level outlet concrete work is ongoing. Upstream, we have the crane and barge (pictured above) mobilized for cofferdam installation and dredging work to begin. The right embankment work is ongoing as we install tension anchors for micro-pile installation.

EDENVILLE DAM



Embankment work east of M-30, known as the "Tittabawassee side", is nearing completion. Work crews are finalizing embankment shape, placing rip-rap rock on the upstream side and bringing the crest height up to finished excavation. Work crews are currently stripping existing fill dirt and gravel from the downstream embankment in preparation for grading and shaping. We will prepare to install the sub-surface toe-drain system along the downstream side of the embankment which will collect any seepage from the lake through the embankment and direct it to the Tobacco River. Toe-drain installation and embankment reshaping-stabilization on the Tobacco side is expected to be completed in August 2024.

Work crews installed vertical steel sheet pile on both sides of the Tobacco spillway to seal the area between the soil-cement bentonite wall and the spillway structure. This activity completes the cutoff wall feature described in previous reports on the Tobacco side of the embankment.

SMALLWOOD DAM



The work on Smallwood is progressing very well with completion of phase 1 and 2 on the cofferdam. Our team successfully diverted water using the siphon system to dewater the area around the dam to start concrete work. Demolition work on the existing powerhouse is still ongoing. The flood door for the auxiliary spillway is being installed. We are still working on the downstream right abutment grading and slope work.

SANFORD DAM



Over the past month, work crews converted the dewatered upstream and downstream areas of the Sanford primary spillway into temporary construction logistics areas. This allows small amounts of needed material to be stored just prior to use and provides a safe surface for construction lifting equipment to operate from. Demolition of the existing concrete spillway structure is complete so crews are pouring a low-strength, flowable concrete to create the existing powerhouse tailrace area. The first concrete pour was approximately 1,000 cubic yards and about 125 truckloads and the second pour was 800 cubic yards. We will remove two of the three generators before pouring smaller concrete pours under the powerhouse. Crews installed a concrete floodwall on the left embankment adjacent to Center Street this month.