

TOWN OF PORTER



CONSTRUCTION NOTICE REPAIRS TO BICKFORD POND DAM

SYNOPSIS OF WORK TO BE DONE

The Town of Porter has selected a contractor to perform repairs to the Bickford Pond Dam. The dam is showing signs of failure around the current gate structure.

Schedule:

The schedule is dominated by saturation of the existing earthworks, the need for a low water level at the dam, and suitable conditions to carry heavy equipment to the site without damaging town roads. The current estimate for taking down the road postings is May 23. Obviously, the saturation of the earthworks and water level are not under the Town' control.

Scope of work:

The work is to add a 20' long 12" wide cement wing wall on both sides of the existing structure.

The walls will be built by digging into the center of the current earthen dam down to the existing base with a straight edged digging bucket in order to create minimal soil disturbance under a footer.

Then 20' long wing walls will be set on footers. Drilling and pinning will need to be done to attach the new walls to the existing concrete gate structure. Rebar will be used in the 20' wing walls as well the footer.

Backfilling will be done on both sides of each wall with a dense material to prevent leakage. French drains will be installed to monitor for water leakage.

The site and access points will be loamed and seeded back to existing condition.

Bickford Pond Wing Wall Sketch

