

## Tenney Lagoon Scope of Work

The City of Madison is proposing a project that will repair and revitalize the outlet culvert at Tenney Lagoon. It is believed the existing structure was constructed around 1936. A water control structure, consisting of stop-logs, was added in 1981. The age of the structure has begun to show and the City is planning to rehabilitate the culvert/bridge in three ways. First, the most critical issue will be addressed, which is the culvert itself. The culvert will be fully excavated and the concrete structure will be repaired as necessary. The second area of concern includes the headwalls. These structures have begun to lean and twist, and the limestone is in a state of disrepair. The headwalls will be straightened and stabilized through the installation of helical anchors. The limestone faces will be repaired by removing and replacing old, broken, or missing blocks and the entire surface will be cleaned and tuck-pointed as necessary. Finally, the stop-log outlet control will be replaced with a gate. This will allow Parks to maintain the lagoon level in a safer manner.









