

Dam 22

Repair & Rehabilitation

Project Improvements Include:

- Permanent repair of previous slide and stabilization against future slides
- Replacement and right-sizing of aging primary spillway conduit
- Other minor repairs including adjustments to the parapet wall.

Project Summary:

The Project will repair and rehabilitate the existing dam to current standards.

Freese and Nichols, Inc. assessed the temporary repairs, potential removal of the dam and then to design a project to repair the are rehabilitate Dam 22.

Dam Facts:

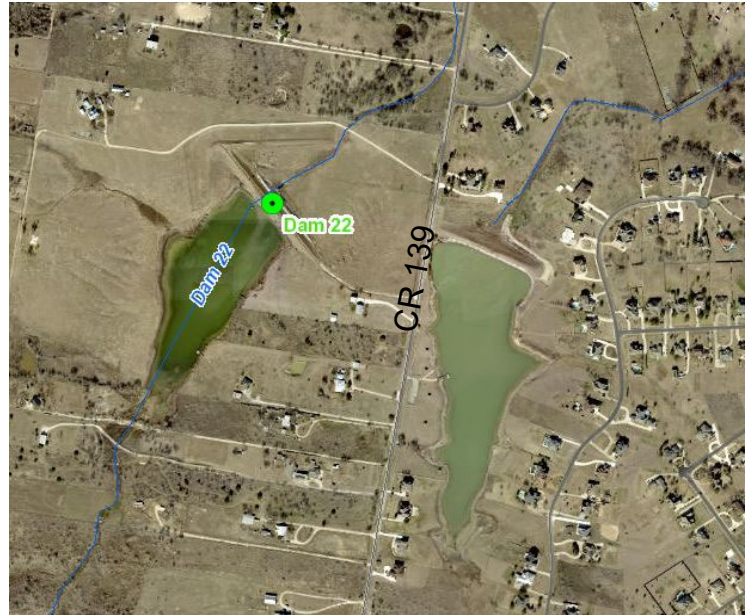
Maximum Storage: 601 Acre Feet

Maximum Height: 29 feet

1959 Original Construction – The dam was originally constructed by Soil Conservation Service (now NRCS).

2011 Modernization Project – The District raised the dam to meet updated TCEQ Dam Safety regulations

2015 Slope Stabilized - The dam suffered a surface slide after saturating rains. The slide was immediately stabilized with the assistance of Williamson County. With the risks managed, the whole structure was reevaluated for any necessary repairs and/or



Dam 22 is in City of Pflugerville's ETJ

Project Timeline:

2018-2022 Repair and Rehabilitation Project

2018-2021 Analysis, Design, and Permitting

December 2018 – Initial Decommissioning Evaluation

June 2019 – Principal Spillway Conduit Evaluation

December 2019 – Confirmation that dam must remain and therefore must be rehabilitated.

2020-2021 – Final Design and Permitting

2022 Construction

- Construction efforts begin: Early 2022
- Construction completion: Spring 2023
- Temporary impacts during construction:
 - Lower-than-normal lake elevation