

# Dam 14

## Repair & Rehabilitation

### Project Improvements Include:

- Repairing longitudinal cracking along dam crest
- Reducing erosion by flattening dam slope
- Improving auxiliary spillway design and performance

### Project Summary:

The project will repair erosion on the downstream slope, longitudinal cracking on the dam crest, improve auxiliary spillway performance, and enhance dam safety.

Schnabel Engineering was hired to complete an alternatives evaluation to determine best course of action to repair existing issues and protect against future problems.

### Dam Facts:

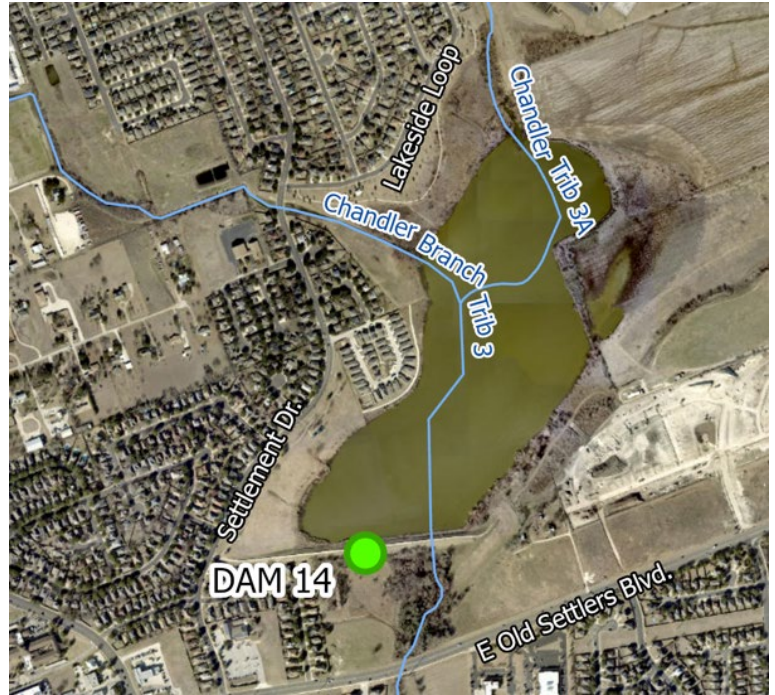
Maximum Storage: 2549 Acre Feet

Maximum Height: 25 feet

1966 Original Construction – Dam was originally constructed by Soil Conservation Service (now NRCS)

2006 Modernization Project, Phase 1 – Crest road and erosion repairs including slope stabilization

2010 Modernization Project, Phase 2 – The dam to meet updated TCEQ Dam Safety regulations



### Dam 14 (AKA Meadow Lake) in Round Rock

### Project Timeline:

#### 2020-2023 Repair and Rehabilitation Project

*(2020-2021) Preliminary Design*

Engineering Assessment Report completed April 2021

*(2021-2022) Final Design and Permitting*

Final design: July 2021 – Fall 2022

TCEQ Dam Safety: Fall 2022

*(2022-2023) Construction*