

Project Improvements Include:

- Repairing wave erosion
- Armoring against future erosion impacts
- Removing nuisance woody vegetation

Project Summary:

The rehabilitation project will repair erosion along the upstream toe of the dam that has been caused by wind-driven wave action.

Halff Associates, Inc. assessed the slope instability along the interior face of the dam and then designed a project to repair the damage and stabilizing it against future wave erosion.

Dam Facts:

Maximum Storage: 1257 Acre Feet

Maximum Height: 30 feet

1965 Original Construction – The dam was originally constructed by Soil Conservation Service (now NRCS).

2009 Modernization Project – The District raised the dam to meet updated TCEQ Dam Safety regulations.



Dam 15 (aka Paloma Lake) is in the City of Round Rock ETJ.

Project Timeline:

2020-2022 Repair and Rehabilitation Project

(2020-2021) Analysis, Design and Permitting

- Shoreline Erosion Assessment Report completed October 2020
- Final design: November 2020 to July 2021
- TCEQ Dam Safety: Approved September 2021
- Advertisement for construction bids: Sept-Oct 2021

(2021-2022) Construction

- Construction efforts begin: Late Fall 2021
- Construction completion: Spring 2022
- Temporary impacts during construction:
 - Lower-than-normal lake elevation
 - Trail access closures for pedestrian and community safety