

Dam 8 – Modernization

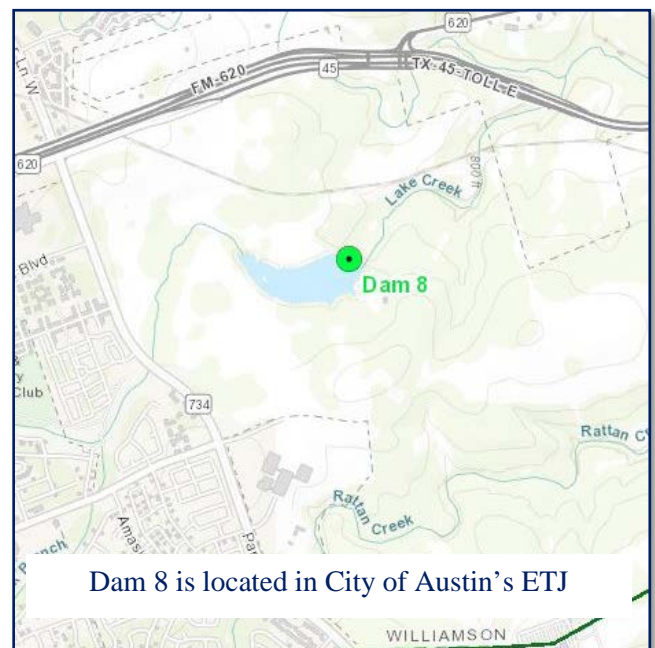
The District contracted with AECOM, to design the Dam 8 Project. The project will modernize and rehabilitate the dam to meet current standards. Originally built in 1959, the dam is suffering from the normal aging, wear and tear. Additionally, the dam is the last dam within the District’s inventory that needs improvements made to meet the updated TCEQ Dam Safety requirements regarding safely passing the probable maximum flood. The District began the process of evaluating the entire structure for additional repairs and modifications that should be made in conjunction with the project.

Project Improvements Include:

- Widening secondary spillway to safely pass the probable maximum flood
- Refurbishment of the aging primary spillway conduit
- Other adjustments including addressing wave erosion on the front slope and reducing potential slides on the rear slope

Project Funding:

Total project costs including engineering, easements, inspection, and construction is approximately \$7 Million that will be funded



Project Timeline:

1959 Original Construction – Dam was constructed by Soil Conservation Service (now NRCS).

2021 Modernization Project

(2016 - 2018) Assessment and Preliminary Design - The District evaluated existing dam conditions, performed field assessments, and completed preliminary design and permitting.

(2018-2021) Repair and Rehabilitation Project – The District adjusted the original design to better meet the land-owner preferences and District needs. The final repair and rehabilitation design will be permitted and bid by Summer 2020. The constructions should be complete by Fall 2021.

For more information on this dam, project, or any other District activity, please visit our website at upperbrushycreekwcid.org