

# UPPER BRUSHY CREEK

WILLIAMSON COUNTY, TX



## BUILDING AND MAINTAINING DAMS FOR OVER 65 YEARS

The Upper Brushy Creek Water Control and Improvement District (WCID) was created in 1956 to help reduce flooding and control erosion. The original twenty-three dams were constructed in the late 50's and early 60's to protect a mostly rural landscape. Since then, the District has rapidly developed from Leander to Hutto to be home to over 400,000 people with complimentary commercial development. The increase in overland flows and the number of lives and property at-risk make the regional flood protection the dams provide more important than ever.

## PROJECT PLANNING & CONSTRUCTION STILL ESSENTIAL DURING DROUGHT

Although the District has been in a drought for several years, it is vital that we continue with our flood risk mitigation planning and projects. As rainfall fails to appear, vegetation is weakened and, in some cases, dies off reducing natural flood protections and often increases flooding as the runoff travels faster. It also means that when the storms return, they tend to be more erosive creating additional risks.

The District projects work on mitigating regional flooding risk and erosion risk to our dams. The design and permitting phase of these large-scale complex projects usually take more time (graphic below) than the actual construction phase. Continuing to plan and pursue construction and rehabilitation projects allows us to be better prepared when the rain and seasonal flooding events return.

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## ANNUAL UPDATE FROM THE DISTRICT

### PROJECT HIGHLIGHTS

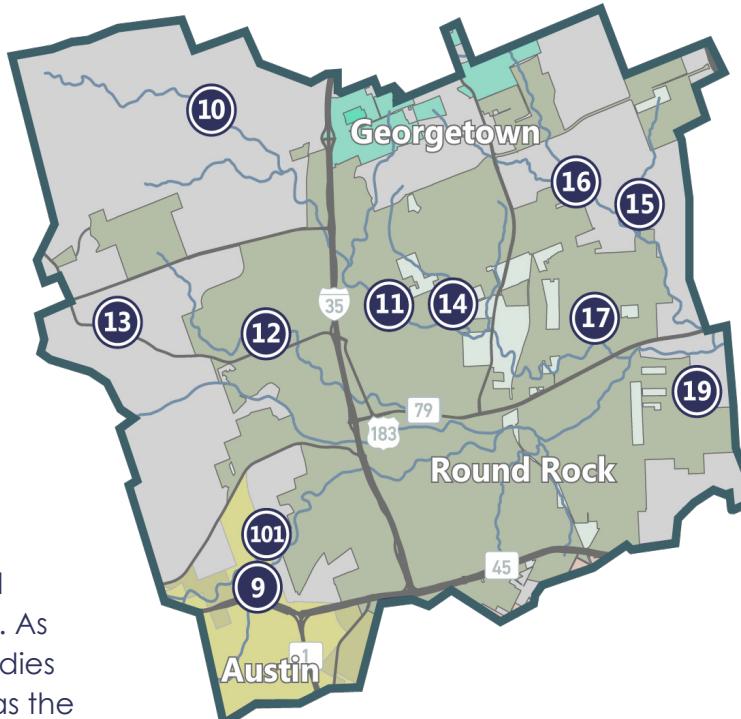
The District will start construction on a new dam (**Dam 101**) in May of this year. This project will be the largest undertaking since the original dams were built in the late 1950s and 1960s. This dam will mitigate the most flood risk of the three identified projects to address flooding in the Lake Creek watershed. While some of our dams are eventually absorbed into public parks, this dam is located on private property. To find out more about the new dam, please visit our website at [www.ubcdams.org/Dam-101](http://www.ubcdams.org/Dam-101). Estimated completion is Winter of 2025.

The rehabilitation at **Dam 22 at CR 139** is substantially complete, revegetation is currently in process. This project included draining the existing lake to allow for the reconstruction of the dam and primary spillway conduit.

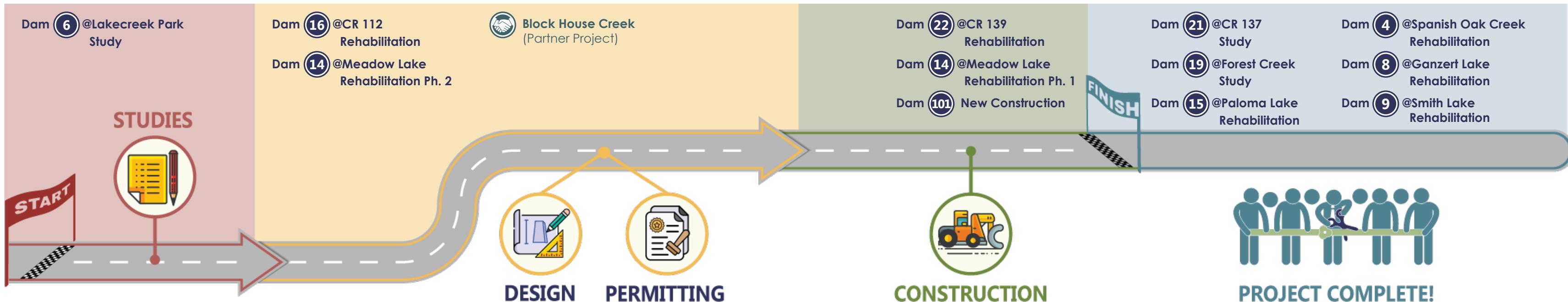
The completed rehabilitation project at **Dam 15 at Paloma Lake** repaired wind erosion and added armor to minimize future erosion. Lake levels returned to normal with seasonal rains.

Rehabilitation at **Dam 14 at Meadow Lake** has been divided into two phases. Phase 1 will address cracking on the backside of the dam. Estimated completion is Winter of 2023. Phase 2 will protect the auxiliary spillway and the dam from excessive erosion during extreme storms.

### DISTRICT DAMS IN YOUR AREA



For a full map go to [ubcdams.org](http://ubcdams.org).



YOUR TAX DOLLARS DRIVING PROJECTS TO THE FINISH LINE

WANT THE WHOLE DAM STORY? [www.ubcdams.org](http://www.ubcdams.org)

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