

Josey Lake Park



Location: **Cypress, TX**

Owner: **Bridgeland Development, LP**

Designer: **Clark Condon Associates**

Contractor: **D.L. Meacham Construction LP**

Challenge

Josey Lake Park is a 140-acre greenspace located in the Bridgeland community of Cypress, TX. The park features amenities for kayaking, ziplining, birdwatching, and other activities. A three-mile walkway with ten boardwalks was designed to wind around portions of Josey Lake, connecting various trails and recreational areas for community residents.

Designer Clark Condon Associates typically selects timber boardwalks for their projects, but due to flooding concerns around the lake, the team needed to consider other options that were less prone to rotting and warping in wet conditions. Landscape Architect Andrew Konyha at Clark Condon explains, "The real estate that we have above the high water mark, versus everything below the high water mark, is probably 1:5. There's far more real estate going on down below the water line."

Solution

After reviewing their options, Clark Condon ultimately chose PermaTrak's maintenance-free concrete boardwalk system for the project. "PermaTrak's durability, sustainability and capacity to endure these elements made it the right choice for this project," says Konyha.

To kick off construction efforts for the two-phase project, coffer dams were installed to dewater the site. This process left behind a dry mud slate for the cast-in-place concrete caisson piers to be installed along the graded land. PermaTrak's precast concrete boardwalk system was installed as ten unique structures by the general contractor, D.L. Meacham. These PermaTrak boardwalk layouts include unique zig-zagging and curved portions, and range in length from 16 feet to 421 feet, with widths ranging from 8 feet to 15 feet.

Bridgeland has been called "Houston's premier master planned community" by its developers, with Josey Lake being called "the greatest amenity" in the development. PermaTrak is proud to be a part of this project that helps connect residents to the community's amenities and brings them closer to nature.

TECHNICAL DESCRIPTION

Phase 1: 16 ft., 18 ft., 56 ft., 68 ft., 109 ft., 421 ft.

Phase 2: 96 ft., 254 ft., 352 ft., 378 ft.

Tread Widths: Ranging from 8 ft. to 15 ft.

Color: Adelaide Gray

Texture: Sandblast

Installation Date:

Phase 1: April 2016

Phase 2: July 2016

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The Concrete Boardwalk Company

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