

CASE STUDY

Recreational

Project Specs

Location: Portland, Oregon

Application: Pontoon Boardwalk

Product: Safe-T-Span® ISOFR pultruded T2515 grating

Overview

Tanner Springs Park is located in Portland's River District. It is the second of four parks being developed for this neighborhood, also referred to as North Park Square. This urban wetland was designed to reveal the natural landscape that once existed in this area just north of downtown Portland.



Problem

Portland Parks and Recreation was in need of a product that could be sheathed over wooden frames to create a pontoon boardwalk in Tanner Springs Park. The customer wanted to construct a boardwalk with materials that would provide safety for pedestrians, protect the habitat and require little or no maintenance. The Portland Parks and Recreation also required a product that was ADA compliant.



Solution

The Tanner Springs Park pontoon boardwalk was fabricated using Fibergrate's Safe-T-Span® ISOFR pultruded T2515 grating. The lightweight properties of FRP enabled the grating to be used in conjunction with wood to create this floating dock. The FRP portion of this dock is resistant to corrosion caused by water and other outdoor elements, allowing for little or no maintenance over its long life-cycle. Safe-T-Span's® slip-resistant surface provides safety for pedestrians, as well as a comfortable walking surface even for bare feet. The grating provides a 25% open area, allowing light to flow to the natural habitat below the dock, which was an important element for designers who wanted to create a home for wetland creatures.

Fibergrate's Safe-T-Span® grating is also ADA compliant which was a requirement of Portland Parks and Recreation Department. Grating Pacific fabricated the grating with hatches, requested by the user, to allow for easy access below the grating surface. The quality of products and services offered by Fibergrate, as well as our ability to meet and exceed the expectations of the customer made the Tanner Springs Park pontoon boardwalk a successful application.

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