



Located on Maryland's eastern shore, The Cross Island Trail is a linear park offering walkers, runners and cyclists a safe and scenic means of traversing Kent Island, from Chesapeake Bay to the Kent Narrows. Six miles in length, the trail features natural vistas and opportunities to view native plants and wildlife in a natural setting. It was immediately hailed for its great environmental, recreational and aesthetic value.

client:

Queen Anne's County, MD
Department of Parks & Recreation

project:

Cross Island Rail Trail

engineer:

Queen Anne's County, MD
Department of Parks & Recreation

Dissen & Juhn Corporation constructed two, 10' wide timber pedestrian bridges along the trail. The two bridges, 522' and 181' long, respectively, were founded on 12" diameter timber piles of varying lengths. Pile bents were 12' on center, and driven to a 10 ton bearing using conventional pile driving equipment.

The longer of the two bridges spans the mouth of Piney Narrows Creek on Kent Island. The close proximity of a major interstate, and tidal

marshes on either end of the structure, necessitated the use of a floating crane for construction. The shorter bridge traverses a small stream in the center of the island, and was constructed from land.

In addition to the piling, the structures feature 10x12 pile caps, heavy-duty 4x10 stringers, 3x10 decking, and 2x8 handrails mounted on 4x6 posts.



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101 Log Canoe Circle
Suite J
Stevensville, MD 21666
Phone: 410-604-1802
Telefax: 410-604-1805

email@dissen-juhn.com

www.dissen-juhn.com