



Project Description

YBC partnered with Reed Development in Bluffton, SC to create a Legacy York Bridge for their sustainable community of Hampton Lake voted "Best Community & Club In America" by the National Association of Home Builders. Our Decero™ designed bridge raises above a lively lake channel frequented by boaters. The bridge paths are lined with an open guiderail and rhythmic post caps pointing to the sky, creating an uplifting airy transparent aesthetic. A striking color palette of rustic brown foundations and classic dark oak translucent rails, root the bridge into coastline's landscape. The Hampton Lake Bridge is a beautiful testament to timber's ability to fuse architecture with nature's gifts, in a harmonious partnership by the hands of YBC.

See more images & video: www.ybc.com/hampton-lake

Bridge Specifications

Name:	Hampton Lake
Location:	Bluffton, SC
Length:	60'
Vehicular Width:	28' (26' 5" clear)
Pedestrian Width:	7' 10" (6' 8" clear)
Height:	21' above grade
Capacity:	HS-20/44 & 85 PSF
Use:	Vehicular & Pedestrian
Construction:	Ground Up
Span Type:	Multiple Span
Span Lengths:	(1) 40', (2) 10'
Material:	CCA/CA-C Treated Southern Yellow Pine
Foundation:	SYP S4S Timber Piles & Abutments (Acrylic/Polymer Coated where exposed)
Stringers:	SYP Rough Sawn Timber & Glulam Stringers (Translucent Coated where exposed)
Vehicular Deck System:	Translucent Coated Surfaced 5-1/2" Timber Deck
Pedestrian Deck System:	Textured Polymer Surfaced 1.5" Timber Deck
Guide Rail System:	Decero™ Classic Design Series
Hand Rail System:	Decero™ Wire Mesh Design Series
Crossing:	Lake

Bridge Details

Completed:	June 2018
Client:	Reed Development