

YORK

BRIDGE CONCEPTS

THE PREMIER TIMBER BRIDGE COMPANY



BRIDGE SPECIFICATIONS

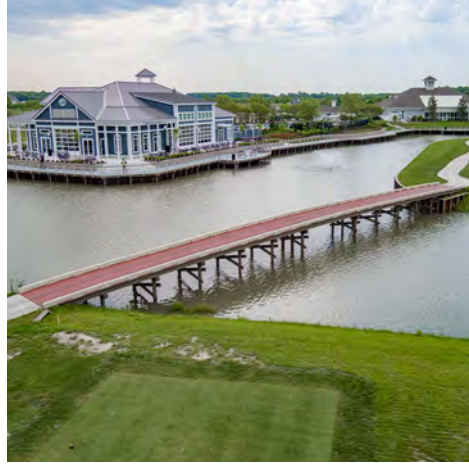
Name:	Heritage Shores Vehicular Bridge
Location:	Bridgeville, DE
Width:	32' (26' Clear) Double Lane
Height:	14' (from ground)
Length:	100'
Capacity:	HS20-44
Use:	Vehicles, Golf Carts and Pedestrians
Construction:	Deck Level
Span Type:	Multiple Span
Span Lengths:	(1) 20' Single Span (2) 9' Pile Supports (4) 15' Pile Supports
Material:	CCA Treated Southern Yellow Pine & Black Locust
Foundation:	Timber Piles and Abutments (Acrylic/ Polymer Coated where exposed)
Stringers:	SYP Rough Sawn Timber Stringers (Acrylic/Polymer Coated where exposed)
Vehicular Deck System:	Epoxy Aggregate Surfaced 5 1/2" Timber Deck
Pedestrian Deck System:	Textured Polymer Surfaced 1 1/2" Timber Deck
Vehicular Guide Rail System:	Decero™ Design Classic Series (10,000 lb capacity)
Pedestrian Guide Rail System:	Decero™ Design Horizontal Series
Curbing System:	5 1/2" x 9 1/2" Curb installed on 5 1/2" x 9 1/2" Block
Crossing:	Lake



DECERO™ DESIGN

DESCRIPTION

York Bridge Concepts™ has designed & built the York Timber Vehicular Bridge in Bridgeville, Delaware's 55+ waterfront community, with the region's premier golf course and event venue. At Heritage Shores, residents and guests can enjoy their new homes along with luxurious amenities, upscale dining, and an Arthur Hills-designed championship golf course. The York Timber Structure combines masterfully with the overall design and look of the Heritage Shores Clubhouse and subdivision with a blended color palette that merges seamlessly into the landscape.



CART #1 - BRIDGE SPECIFICATIONS

Name:	Heritage Shores - Golf Course
Location:	Bridgeville, DE
Width:	10' (9' Clear)
Height:	13' (from ground)
Length:	140'
Capacity:	5-Ton Gross Vehicle Weight
Use:	Golf Carts/Maintenance Equipment
Construction:	Deck Level
Span Type:	Multiple Span
Span Legths:	(1) 20' Single Span, (12) 10' Pile Supports
Material:	CCA Treated Southern Yellow Pine
Foundation:	Acrylic/Polymer Coated Timber Piles and Abutments
Stringers:	SYP S4S Timber Stringers (Acrylic/Polymer Coated where exposed)
Deck System:	Textured Polymer Surfaced 1 ½" Timber Deck
Curbing System:	5.5" Curb Installed on 3.5" Blocks
Crossing:	Lake

CART #2 - BRIDGE SPECIFICATIONS

Name:	Heritage Shores - Golf Course
Location:	Bridgeville, DE
Width:	10' (9' Clear)
Height:	13' (from ground)
Length:	180'
Capacity:	5-Ton Gross Vehicle Weight
Use:	Golf Carts/Maintenance Equipment
Construction:	Deck Level
Span Type:	Repetitive Span
Span Legths:	Consecutive 10' Spans
Material:	CCA Treated Southern Yellow Pine
Foundation:	Acrylic/Polymer Coated Timber Piles and Abutments
Stringers:	SYP S4S Timber Stringers (Acrylic/Polymer Coated where exposed)
Deck System:	Textured Polymer Surfaced 1 ½" Timber Deck
Curbing System:	5.5" Curb Installed on 3.5" Blocks
Crossing:	Lake

DESCRIPTION

York Bridge Concepts™ has designed and installed two timber Golf Cart Bridges that cross the lake at Heritage Shores that serve as a connection within the golf course. One bridge spans 140 feet long while the other spans 180 feet long, both 10 feet wide that glide over the water effortlessly and beautifully. These timber structures feature YBC's proprietary Textured Polymer Coating and 5.5" high timber curbing to provide longevity and aesthetics for years to come.

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BRIDGE SPECIFICATIONS

Name:	Heritage Shores Promenade
Location:	Bridgeville, DE
Width:	10' (9' Clear)
Wideout Width:	22' (21'-4" Clear)
Height:	8' (from ground)
Length:	1049'
Capacity:	85 lbs per sq ft
Use:	Pedestrians
Construction:	Deck Level
Span Type:	Repetitive Span
Span Lengths:	Consecutive 10' Spans
Material:	CCA/CA-C Treated Southern Yellow Pine & IPE Hardwood
Foundation:	Timber Piles and Abutments (Acrylic/Polymer Coated where exposed)
Stringers:	SYP S4S Timber Stringers (Acrylic/Polymer Coated where exposed)
Pedestrian Deck System:	Textured Polymer Surfaced 1 1/2" Timber Deck
Pedestrian Guide Rail System:	Decero™ Design Wire Rope Series with Hardwood Rail Cap
Crossing:	Lake

DECERO™ DESIGN



BRIDGE DETAILS

Completed:	November 2014
Client:	Brookfield Residential Properties

DESCRIPTION

YBC has designed and installed a waterfront timber boardwalk promenade meandering along the lake at Heritage Shores that serves as the entrance to the Sugar Beet Market and the official clubhouse. The 1000+ linear foot boardwalk promenade features an upgraded luxurious stainless steel cable railing and smooth, splinter-free hardwood handrail caps. Directly underneath the promenade, YBC constructed a retaining wall that spans the length of the promenade. These York Timber Structures combine masterfully with the overall design and look of the Heritage Shores Clubhouse.