



BRIDGE SPECIFICATIONS

Name:	Kiawah Island Ocean Park (Cassique Bridge)
Location:	Kiawah Island, SC
Width:	6' (5' Clear)
Height:	10' (from ground)
Length:	70'
Capacity:	100 lbs per sq ft
Use:	Pedestrians
Construction:	Deck Level
Span Type:	Multiple Span
Span Lengths:	(1) 30' Single Span (4) 10' Pile Supports
Material:	CCA/CA-C Treated Southern Yellow Pine
Foundation:	Timber Piles and Abutments (Acrylic/Polymer Coated where exposed)
Stringers:	SYP Glulam Stringers (Acrylic/Polymer Coated where exposed)
Pedestrian Deck System:	Textured Polymer Surfaced 1 1/2" Timber Deck
Pedestrian Hand Rail System:	Decero™ Design 42" Arched Metal Picket Series
Crossing:	Lake

DECERO™ DESIGN



BRIDGE DETAILS

Completed:	April 2014
Client:	Kiawah Partners

DESCRIPTION

York Bridge Concepts™ has partnered with Kiawah Island Ocean Park to build three bridges, one Cassique bridge spanning 70 feet, one pedestrian bridge spanning 50 feet and one bicycle bridge spanning 30 feet. Kiawah is a sea island, or barrier island, on the Atlantic coast of the United States. Located 15 miles south of Charleston in Charleston County, South Carolina, it is operated today largely as a gated beach and golf resort — the Kiawah Island Golf Resort — with spacious villas, beaches, large and acclaimed golf courses, and other attractions.



BRIDGE SPECIFICATIONS

Name:	Kiawah Island Ocean Park (Pedestrian Bridge)
Location:	Kiawah Island, SC
Width:	6' (5' Clear)
Height:	6' (from ground)
Length:	50'
Capacity:	100 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
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 Hand Rail System:	Decero™ Design 42" Wire Rope Series
Crossing:	Lake

BRIDGE DETAILS

Completed:	April 2014
Client:	Kiawah Partners

DESCRIPTION

York Bridge Concepts™ has partnered with Kiawah Island Ocean Park to build three bridges, one Cassique bridge spanning 70 feet, one pedestrian bridge spanning 50 feet and one bicycle bridge spanning 30 feet. Kiawah is a sea island, or barrier island, on the Atlantic coast of the United States. Located 15 miles south of Charleston in Charleston County, South Carolina, it is operated today largely as a gated beach and golf resort — the Kiawah Island Golf Resort — with spacious villas, beaches, large and acclaimed golf courses, and other attractions.

YORK

BRIDGE CONCEPTS

THE PREMIER TIMBER BRIDGE COMPANY



BRIDGE SPECIFICATIONS

Name:	Kiawah Island Ocean Park (Bike Path)
Location:	Kiawah Island, SC
Width:	8' (7' Clear)
Height:	6' (from ground)
Length:	30'
Capacity:	100 lbs per sq ft
Use:	Cyclists/Pedestrians
Construction:	Deck Level
Span Type:	Repetitive Span
Span Lengths:	Consecutive 10' Spans
Material:	CCA/CA-C Treated Southern Yellow Pine
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 Hand Rail System:	Decero™ Design 54" Wire Rope Series with 5' Extensions at Each End
Crossing:	Lake

DECERO™ DESIGN



BRIDGE DETAILS

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Client:	Kiawah Partners

DESCRIPTION

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