



Bridge Specifications

Name:	Heights at Ashford Park
Location:	Atlanta, GA
Length:	52'
Width:	15' 10" (14' 3" clear)
Height:	17' above grade
Capacity:	HS 20-44
Use:	Vehicular
Construction:	Deck Level
Span Type:	Multiple Span
Span Lengths:	(1) 24', (2) 14'
Material:	CCA Treated Southern Yellow Pine
Foundation:	Timber Piles & Abutments, Concrete Footer (Acrylic/Polymer Coated where exposed)
Stringers:	SYP Rough Sawn Stringers (Acrylic/Polymer Coated where exposed)
Deck System:	Epoxy Aggregate Surfaced 5.5" Timber Deck
Guide Rail System:	Decero™ Classic Design Series
Crossing:	Flood Plain

Project Description

The Heights at Ashford is a boutique development nestled in the desired north Atlanta community of Brookhaven. The main entry bridge crosses a rock laden ravine and flood plain, as well as, coordinates with utilities and drainage for the uphill residences. The Decero™ Design Team faced hidden challenges of working with prohibitive easements that restricted the use of traditional stabilization tension tie-backs. An innovative compressive design strategy to stabilize the structure was engineered to meet the tight crossing requirements. More apparent than the technical beauty of this bridge is the crisp alluring aesthetic created by a sophisticated color palette and a perfectly simplistic rail. While on-site the Field Crew encountered limited access and impenetrable ground conditions that required an alternative method of construction including expansive footers to maximize the structure and efficiency of schedule. The Heights at Ashford Park is a depiction of YBC's ability to perform and produce a top of the line product through the perseverance of knowledge & experience.

Bridge Details

Completed:	May 2018
Client:	Roma Ventures

See more images & drone video: www.ybc.com/heights-at-ashford-park