



Bridge Specifications

Name:	Inspired Living
Location:	Alpharetta, GA
Length:	117' 6"
Vehicular Width:	28' (26' 5" clear)
Pedestrian Width:	6' (4' 8" clear)
Height:	40' (from ground)
Capacity:	HS20-44
Use:	Vehicular & Pedestrian
Construction:	Ground Level
Span Type:	Multiple Span
Span Lengths:	(1) 49' (2) 34'
Material:	CCA/CA-C Treated Southern Yellow Pine
Foundation:	Timber Piles & Abutments (Acrylic/Polymer Coated where exposed)
Stringers:	SYP Glulam 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
Guide Rail System:	Decero™ Classic Design Series
Hand Rail System:	Decero™ Scenic Wire Mesh Design Series
Crossing:	Flood Plain

Description

Nested in the rolling hills of north Georgia, you will find the Southeast's Validus Senior Living Facility's, Inspired Living at Alpharetta. A vibrant community mixed into luxurious acres of spectacular views and exclusive amenities, expressly designed for the ages. Adjacent to Alpharetta's main corridors, this community required a strong yet beautiful connection to all the town has to offer. Alongside the peaks of Georgian hills are deep ravines and floodplains that weave through the landscape. An essential component to Inspired Living's new path winding its way to Alpharetta was a bridge able to glide 40' above a deep floodplain with bubbling creek bed. YBC's Decero™ Design Team and Field Crew faced a number of challenges that required expert precision in preparation of the construction of the crossing. First, the bridge was designed to meet existing conditions with skewed entrances to address the road's curvature including a subtle camber roll, pre-drilled foundations, and retaining wall connections. Secondly, the Field Crew utilized their skills to erect the bent towers pile by pile 35' in ground and set with concrete, followed by exacting the rest of the substructure details for a clean application of the bridge's superstructure. Once complete, the bridge was customized to the Inspired Living aesthetic with a crisp yet neutral color palette, fresh wire mesh handrails, and classic peaked post caps. In a community for the ages, YBC built a bridge for the generations with timeless designed aesthetics constructed on a foundation of hard work and expertise.

Bridge Details

Completed:	October 2017
Client:	Baxter Construction