



## Bridge Specifications

<b>Name:</b>	Bear Creek
<b>Location:</b>	Ormond Beach, FL
<b>Length:</b>	270'
<b>Vehicular Width:</b>	26' (24' 9" clear)
<b>Pedestrian Width:</b>	4' 10" (4' 3" clear)
<b>Height:</b>	11' (above grade)
<b>Capacity:</b>	H-10/85 PSF
<b>Use:</b>	Vehicular/Pedestrian
<b>Construction:</b>	Deck Level
<b>Span Type:</b>	Repetitive Span
<b>Span Lengths:</b>	(18) 15'
<b>Material:</b>	CCA/CA-C Treated Southern Yellow Pine
<b>Foundation:</b>	Timber Piles & Abutments (Acrylic/Polymer Coated where exposed)
<b>Stringers:</b>	SYP Timber (Acrylic/ Polymer Coated where exposed)
<b>Vehicular Deck System:</b>	Epoxy & Aggregate 4 1/2" Double Timber Deck
<b>Pedestrian Deck System:</b>	Textured Polymer Surfaced 1 1/2" Timber Deck
<b>Guard Rail System:</b>	Decero™ Classic Design Series
<b>Hand Rail System:</b>	Decero™ Horizontal Rail Design Series
<b>Crossing:</b>	Flood Plain, Creek

## Description

The Central Florida Community of Bear Creek located in Ormond Beach, FL is minutes from the royal blue waters of the Atlantic East Coastline and the energetic theme parks of Orlando. The community is focused on providing access to world-class amenities in a resort-style atmosphere, geared towards providing a relaxing, playful, and active lifestyle for 55+ retirees. YBC's partnership with Bear Creek began with a thorough inspection of their existing bridge to determine the extent of refurbishment required. After the inspection, YBC was able to maximize the community's budget and crossing by utilizing key components of the existing foundational structure and complementing it with our state of the art design and construction of new substructure and superstructure with select foundation work. The Decero™ Design Team created a classic streamlined profile with sleek horizontal vehicular and pedestrian rails, charming light and flagstaves, and a crisp earthen color palette. After completion the Blair Group client praised the new bridge for heightening the community's ambiance and sense of place.

## Bridge Details

<b>Completed:</b>	March 2018
<b>Client:</b>	Blair Group