

POCAHONTAS PARKWAY BRIDGE OVER JAMES RIVER



KLINE ENGINEERING
& CONSULTING



Project Description

The Pocahontas Parkway Bridge also known as the Rt. 895 Bridge spans over the James River south of Richmond, VA.

The bridge features a 672-foot main span with 145 feet of vertical clearance for marine traffic. The bridge also includes nearly 3500 feet of high-level approach spans and three high-level ramp structures.

The main span and back spans were constructed using the cast-in-place segmental balanced cantilever method with form travelers. The approaches and ramps were constructed using precast segmental method and erected with an overhead self-launching gantry.

This bridge features a combination of pre-cast and cast-in-place, post-tensioned segmental concrete structures, and a conventional cast-in-place deck supported by steel plate girders.

Kline provided construction engineering support for all aspects of the post-tensioning as well as engineering for segment casting in the casting yard. Kline also provided construction engineering support for the cast-in-place form travelers



Chesterfield/Henrico Co., VA.

CAPABILITIES

- Post-tensioning
- Construction Services

Developer:

Transurban

Design Team

Keith & Schnars

Builder / Contractor

McLean/Recchi Joint Venture

Project completion:

2011

Industry:

Governmental - Transportation

Project type:

**BRIDGE
CONSTRUCTION
ENGINEERING**