

Fulton Street Bridge

Cleveland, OH

Project Description

For over 70 years, the original Fulton Road Bridge stood within Brookside Park and the Cleveland Metroparks Zoo, carrying a significant volume of traffic 100 ft above the zoo, the park, Big Creek, and two active railroad lines. Replacement of this concrete open spandrel deck arch bridge, which was constructed in 1932, had become imperative because of the severely deteriorated condition of the bridge, which resulted from extensive use of deicing chemicals in northeast Ohio's severe climate.

After evaluating a number of conceptual and preliminary bridge replacement types and incorporating public input, a precast concrete arch alternative, with six 210-ft-long spans to resemble the original structure was selected and was built by Kokosing Construction Company.

Owner

Ohio Department of Transportation

Contractor

Kokosing Construction Company

Designer

Michael Baker, Inc.

Our Role

Scott McNary served on the 3 member Disputes Review Board (DRB).

Total Contract Value

\$45 million

Timeline

2008-2010

Construction Method and Specifications

Precast Segmental Arches, Built using Falsework, then post-tensioned. Cast-in-place spandrel arches, and concrete bulb'T' superstructure.

