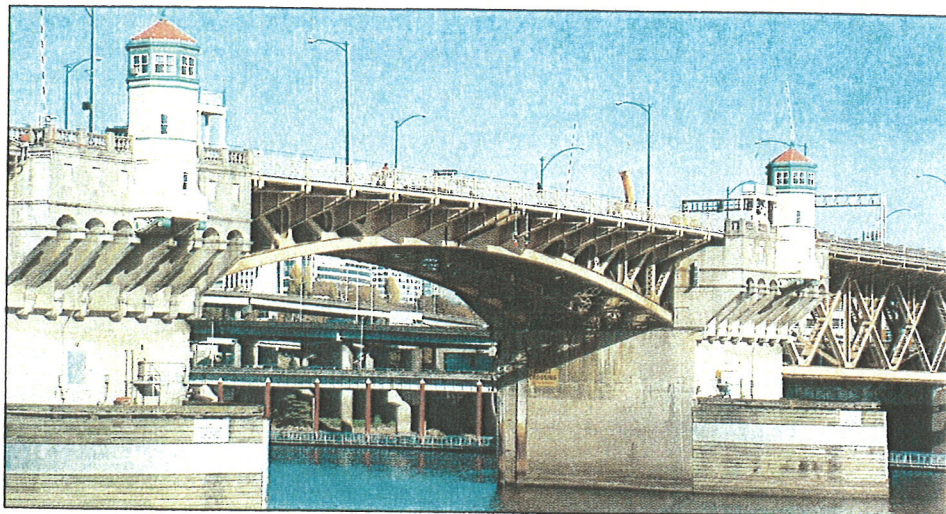


SECOND PLACE :: TRANSPORTATION :: \$5 MILLION – \$15 MILLION BURNSIDE BRIDGE MAIN SPAN REHABILITATION

SUBMITTED BY: ADVANCED AMERICAN CONSTRUCTION

Portland's Burnside Bridge is a real heavyweight. Unlike every other bridge that features a Strauss Trunnion Bascule draw span, the Burnside Bridge's roadway is concrete, and the bridge's 3.8-million pound counterweight is one of the largest in the country. That fact plus the age of the bridge caused unique challenges when it came time to rehabilitate the bridge's main span. Unexpected obstacles that arose during the project, however, were overcome by the project team's experience and ability to think outside the box. The structure could only be completely closed on weekends, requiring that work done during that time be conducted around the clock with crews working 12-hour shifts. When the bridge was open for use, one leaf had to remain operational at all times, a specification that required that bridge contractor Advanced American Construction replace all motors and brakes at the same time that the concrete roadway was being replaced – a task that required a high degree of coordination.



PROJECT TEAM + STATS:

Owner: Multnomah County

General Contractor: Advanced American Construction

Architect: NA

Engineer: Hardesty & Hanover, OBEC Consulting Engineers

Project Manager: Kainan Bodenlos

Location: Burnside Street between Northwest 2nd Avenue and MLK Boulevard, Portland, Oregon

Cost: \$7.6 million

Size: 252-foot Strauss bascule leaf length

Start Date: January 2006

Completion Date: December 2007