

San Francisco Oakland Bay Skyway Bridge

Oakland, CA

Project Description

The Skyway portion of the Oakland Bay Bridge Replacement consists of dual precast segmental structures measuring 2,103 meters in length with a width of 2x26 meters. This structure is unique in its size and complexity. Each structure includes four frames connected with internal hinge beams having typical span lengths of 160 meters. Typical segments are 8 meters long and up to 800 tons in weight. These segments are erected in balanced cantilever.

Owner

Caltrans

Contractor

FM (Kiewit, Flatiron, Manson) a Joint Venture

Designer

TYLin

Our Role

McNary Bergeron provided Engineering oversight and equipment design for the Kiewit Flatiron Manson Joint Venture.

Total Contract Value

\$6.5 billion

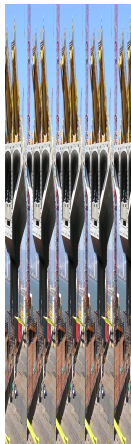
Timeline

2003 - 2013

Construction Method and Specifications

Precast Segmental - Balanced Cantilever

- Length: 2103m
- Width: 2x26m
- Span Data: 13 cantilevers, 160m typical span





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