



**Massachusetts Bay
Transportation Authority**

**MBTA Contract No. H62CN03:
Replacement of Gloucester Drawbridge over the
Annisquam River**

October 16, 2017



OVERVIEW

Today's board action will provide for the construction of a new replacement of the Gloucester Drawbridge over the Annisquam River in Gloucester, MA. This project will replace the existing structurally deficient drawbridge built in 1932. The project includes replacement of all structural, mechanical, and electrical components.





Funding

Funding for this project is provided through a combination of federal funds and approved FY18 – 22 CIP funds.

Proposed Replacement





Construction Scope

The project includes:

- Full replacement of the existing bridge, including all mechanical and electrical components.
- Demolition and removal of the existing single leaf bascule movable bridge and approach spans.
- Construction of two adjacent independent single leaf bascule movable bridges, each carrying a single track.
- Integration of new structures with the existing signal system.
- Construction of a new control tower.



Project Benefits and Operations During Construction

- Two, independent single leaf bascule movable structures will replace the existing structurally deficient single leaf bascule movable structure.
- Useful life of the replacement structures is 75 years and brings the asset to a state of good repair.
- Independent bridges facilitates maintenance.
- Relocating the control house to the east side of the bridges cuts down on time required for maintenance
- Revenue service will be maintained during construction through a single track operation.
- A total of ten (10) weekend shutdowns of Commuter Rail service are planned over the 44 month construction duration.



Construction Advertisement

- Project was advertised on August 7, 2017
 - Engineer's Estimate was \$53,858,000.00
 - Bid Opening was on October 5, 2017
 - Five (5) Bids were received
 - \$56,945,494.80 J.F. White Contracting Company
(Low Bidder)**
 - \$58,857,935.00 SPS/Roc
 - \$62,268,537.90 The Middlesex Corporation
 - \$62,695,000.00 Cianbro Corporation
 - \$63,366,000.00 Barletta Heavy Division, Inc.
 - Bid analysis has been completed
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Request of the Fiscal and Management Control Board

Staff request that the Fiscal and Management Control Board authorize the MBTA General Manager, or his designee, to award and execute MBTA Construction Contract No. H62CN03: **Replacement of Gloucester Drawbridge over the Annisquam River** with J.F. White Contracting Co. for an amount not to exceed \$56,945,494.80