Long Island Bridge Demolition Phase

Squantum Community Meeting

FEBRUARY 26, 2015

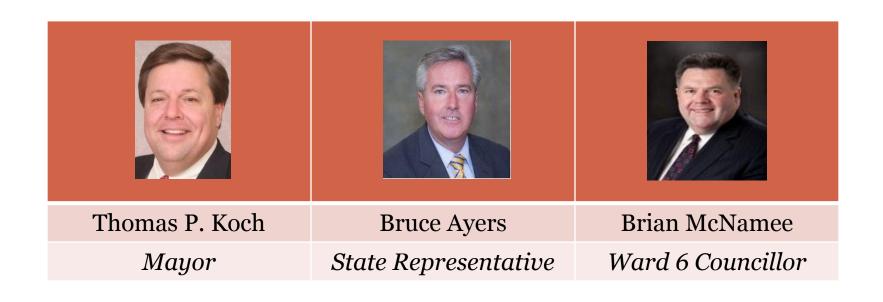


Michael D. Dennehy Commissioner



Martin J. Walsh Mayor

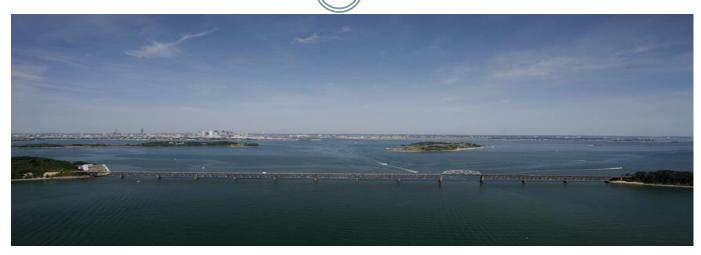
Acknowledgments



Project Team

- City of Boston Public Works Department
- Contractor Walsh Construction
- Engineering Consultant STV Incorporated
- Environmental Consultant TRC Solutions, Inc.
- Quincy Conservation Commission Consultant –
 Polaris Consultants, LLC

Long Island Bridge



- · 3,450' IN LENGTH
- 15 MINUTES TRAVEL TIME FOR PEDESTRIANS
- 16 SPANS
- WATER, ELECTRICITY & TELECOMMUNICATIONS LINES (UTILITIES) ATTACHED TO BRIDGE
- UTILITIES SERVE LONG ISLAND & SPECTACLE ISLAND

Brief History

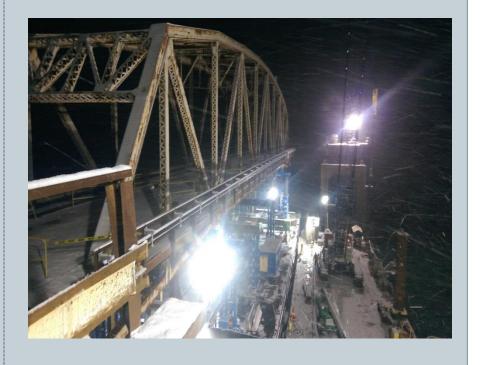
- Built in 1951
- Connects Moon Island to Long Island
- Limited operational use (10T) since 2006
- Bridge was closed on October 8, 2014

Current Conditions

Closed to all traffic

In demolition

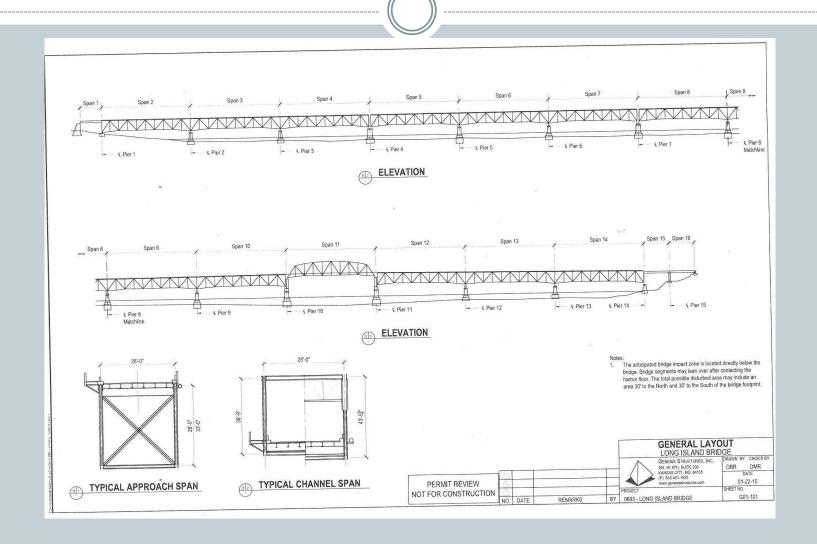




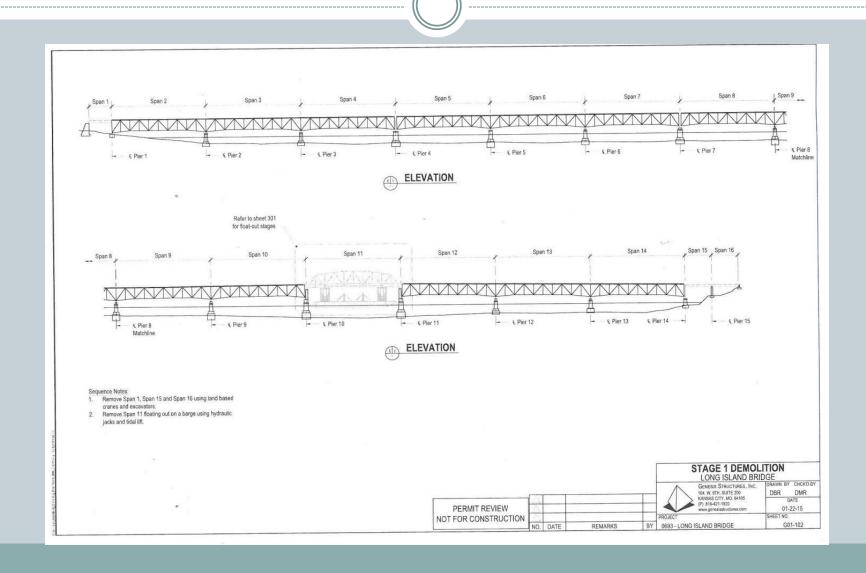
Permitting

- MassEOEEA MEPA Certificate-Emergency Authorization
- MassDEP Chapter 91 Emergency Authorization
- Section 401 Water Quality Certification-Authorization of Emergency Action
- Coast Guard Approval
- Boston Conservation Commission Emergency Certification
- Quincy Conservation Commission Emergency Certification

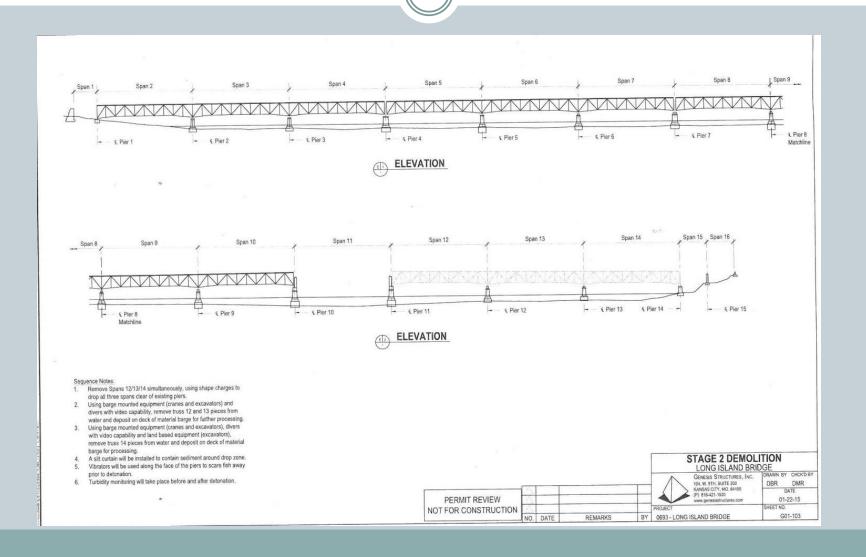
General Layout



Float/Dry Method



Detonation/Wet Method



Construction sequence

- Bridge Demolition
 - o Navigational Span 11 ✔
 - o Spans 12, 13, 14
 - o Spans 10, 9, 8
 - o Spans 7, 6, 5
 - o Spans 4,3,2

- Utilities (Water, Electricity, Telecommunications)
 - Dig trench
 - Install utilities
 - Backfill trench

Schedule

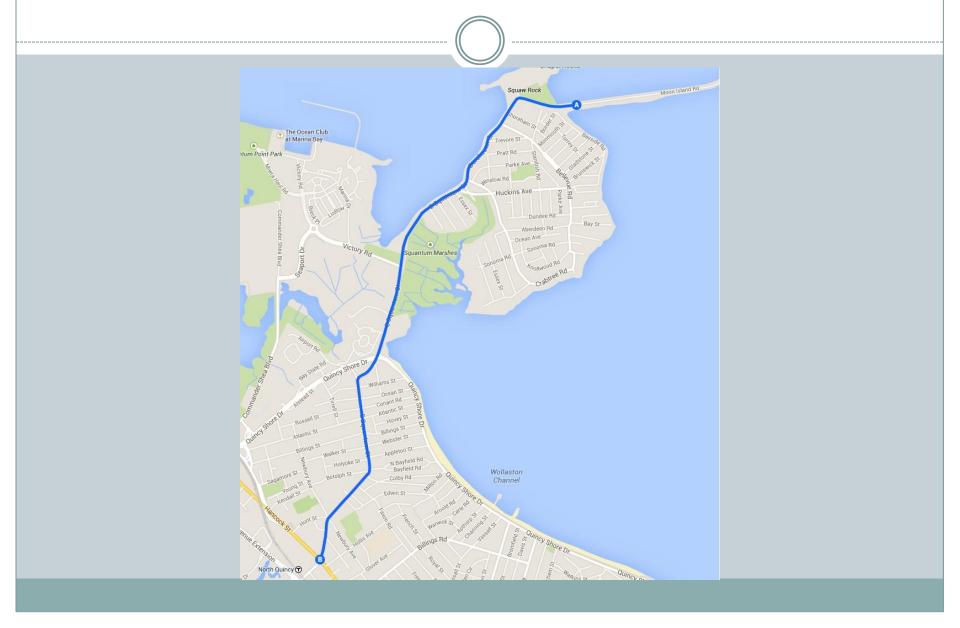
Bridge Demolition

- In demolition
- Navigational span to be removed – week of February 23, 2015
- Detonations in March
- Overall work to be completed by April 30, 2015

Utility Installation

- Materials/pipes have been ordered
- Trench work to begin in April/May 2015
- Overall work to be completed by June 15, 2015

Construction Vehicle Access Route



Additional Information

- http://bostonworks.org/portfolio/long-islandbridge-demolition/
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Questions?

