



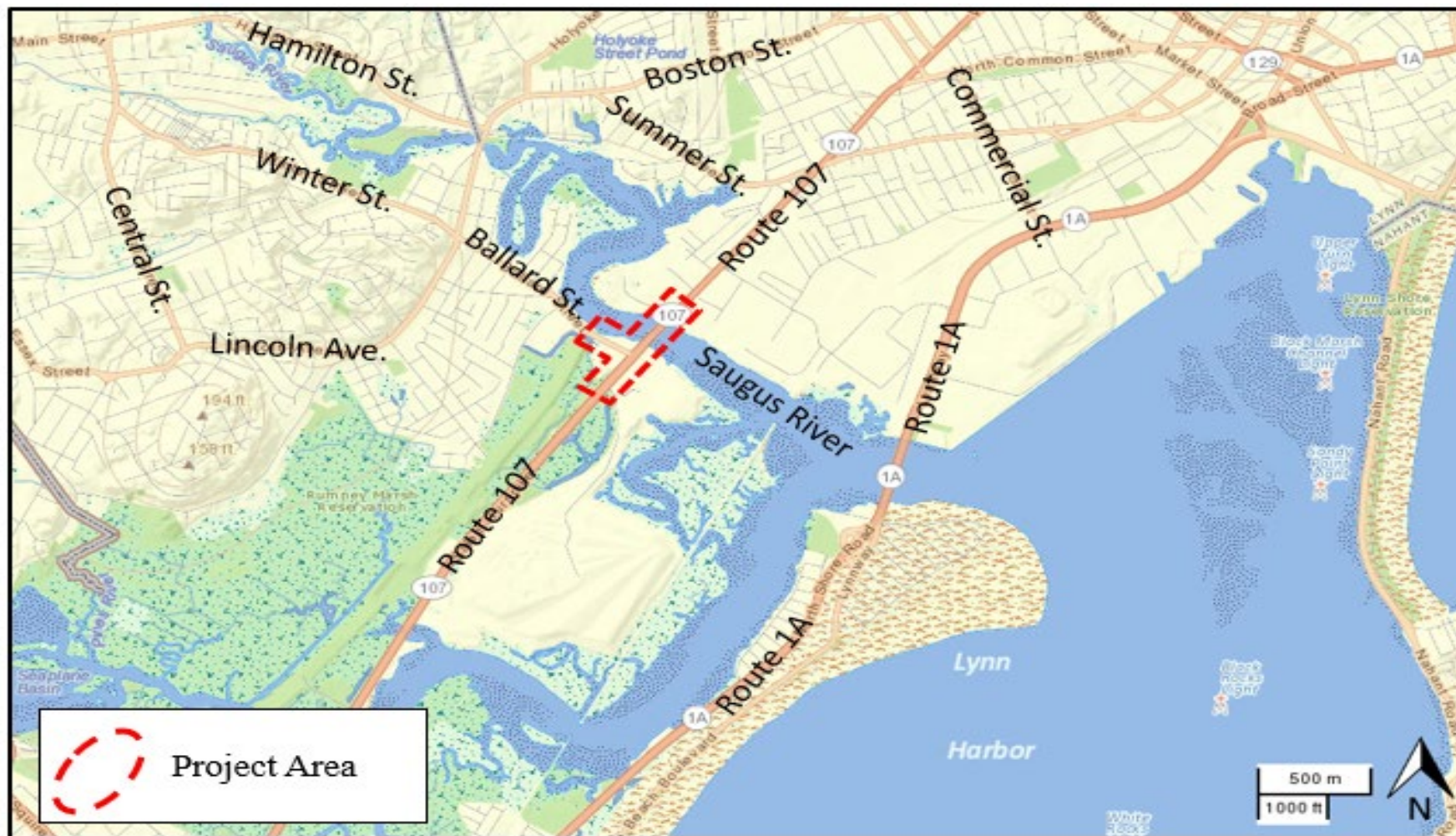
MassDOT Highway Construction Contract: 109691

Bridge Replacement (Belden G. Bly) Br. No. L-18-016=S-05-008(Bascule) Route 107 (Salem Turnpike/Western Avenue) over the Saugus River

Joint Board Meeting

November 23, 2020

Project Location



Overview



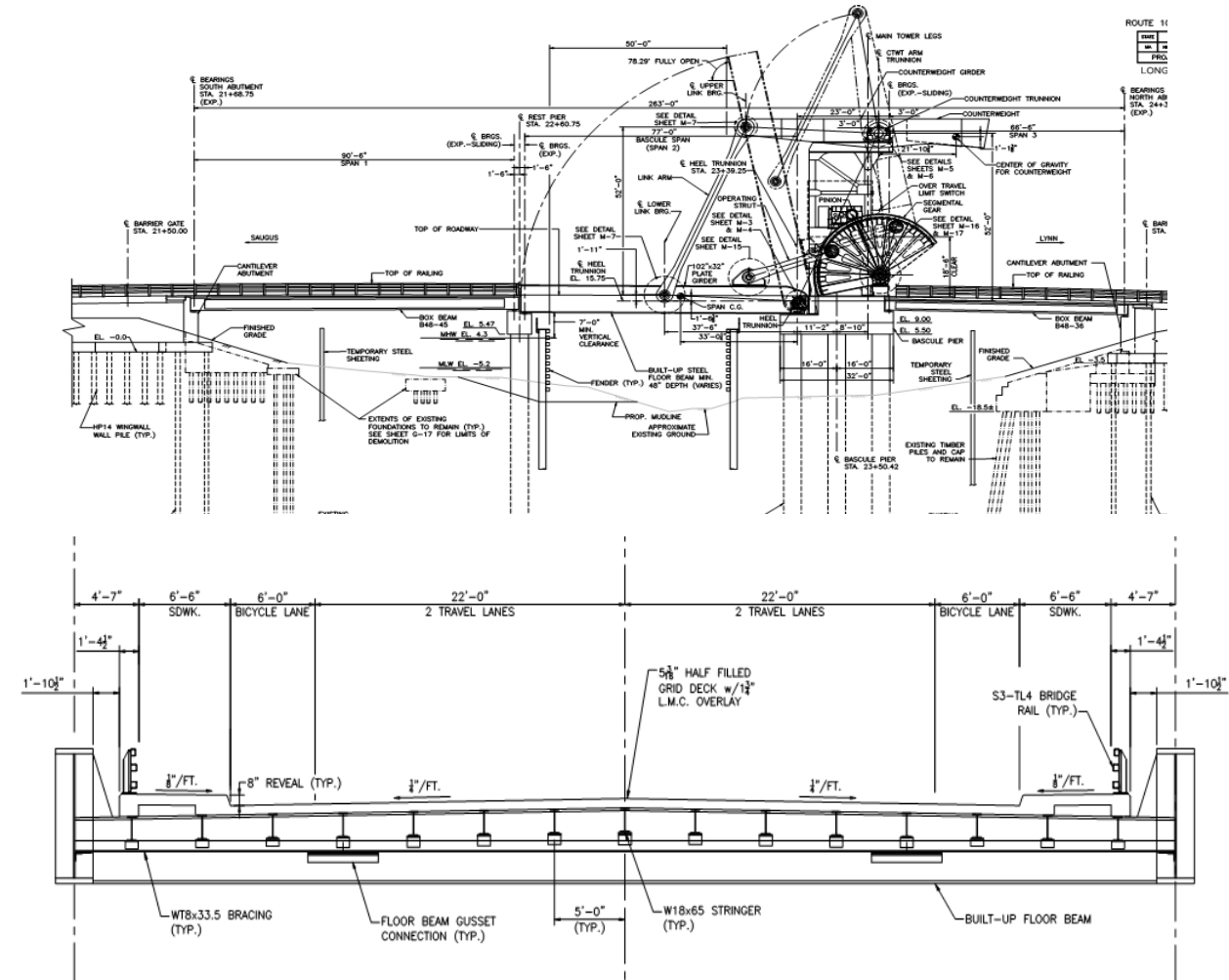
- Replacement of Bridge L-18-016=S-05-008 (Bascule)
- Removal of temporary movable bridge
- 3060 feet of Route 107 and Ballard Street will be reconstructed
- Addition of vehicle turning lanes at Ballard Street and Route 107 Intersection
- Replacement of MWRA water line
- Requesting MassDOT Board approval of \$87.5M contract with SPS New England
- Work will take 5 years to complete; staged to maintain 2-lanes of traffic

Purpose and Need

- Temporary bridge with limited service life
- Permanent bridge will provide a reliable crossing with reduced maintenance costs
- Permanent bridge will restore 4-lanes of traffic in normal alignment
- Ballard Street intersection operating at substandard level of service
- Deficient pedestrian accommodation
- Deficient bicycle accommodation

Construction Scope

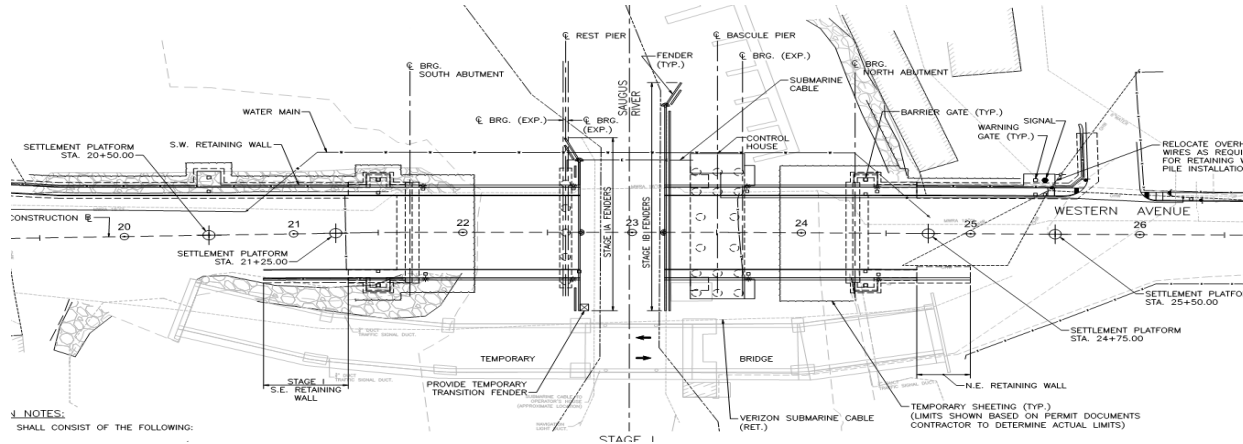
- Demolish remaining bridge and construct replacement bridge
- Install new MWRA water line
- Add turning lanes to Route 107 and Ballard Street Intersection and associated signals



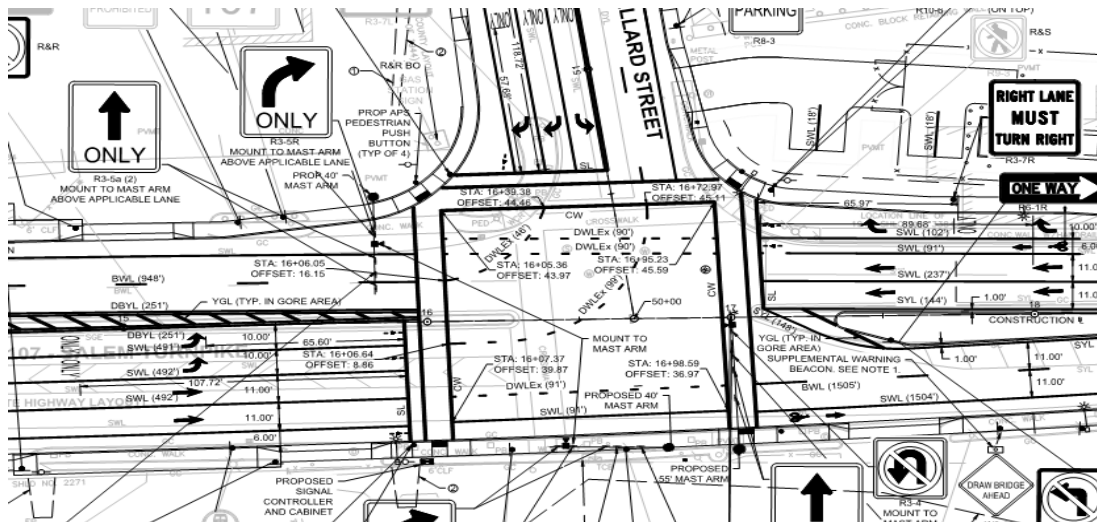
Purpose and Need (cont'd)



Construction Scope (cont'd)



- 2-lanes of traffic maintained throughout construction
- Removal of temporary bridge
- Install new independent fender system
- Increase the navigation channel width



November 23, 2020

Traffic Impacts

- 2-lanes of traffic will be maintained at all times
- Staged construction required to perform bridge approach and intersection work
- MBTA bus stop to remain in operation
- Navigation traffic to be maintained except for negotiated short-term closures

Procurement



- Project was advertised September 14, 2019
- Engineers Estimate was \$84,038,000
- Bid Opening was October 20, 2020
- Five (5) bids were received:
 - **SPS New England Inc** **\$87,523,965**
 - J F White Contracting Co \$91,305,318
 - Cianbro Corp. \$93,780,838
 - Walsh Construction Company II LLC \$96,015,533
 - White/Judlau JV \$109,738,083

Overall Project Budget



Line Item	Budget
Bid Amount	\$87,523,965
Contingencies	\$8,752,370
Construction Engineering	\$4,376,185
Traffic Police	\$3,000,000
Total	\$103,652,520

- 80% Federal funding, 20% State funding
- Programmed Cost in the 2021 CIP: \$106.54M

Requested Vote



That the Secretary/Chief Executive Officer, and/or her designee, be and hereby is authorized to award and execute, in the name of and on behalf of the Massachusetts Department of Transportation, and in a form approved by the General Counsel, a certain Highway Division Contract (No. 109691) for the replacement of the Belden G. Bly bascule drawbridge on Route 107 (Salem Turnpike/Western Avenue) over the Saugus River, with SPS New England, Inc. in the amount of \$87,523,965, said contractor being the lowest responsible and eligible bidder in response to a request for sealed proposals.