

MassDOT Highway Construction Contract: 123406

Bridge Replacement, Br. W - 38-003 (Steel) Butters Row over MBTA-Wilmington MassDOT Board of Directors

October 18, 2023

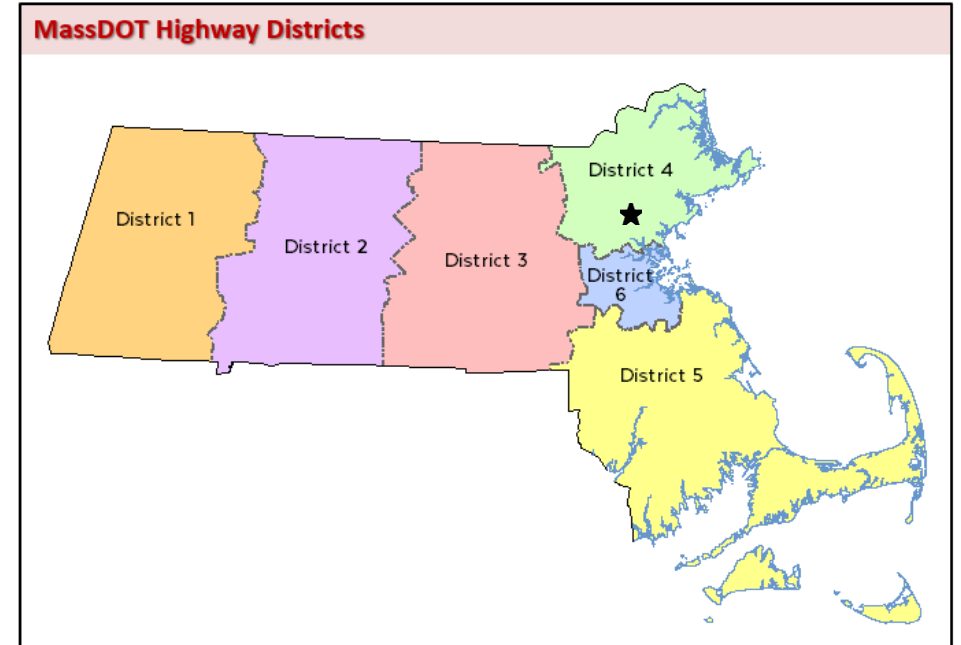
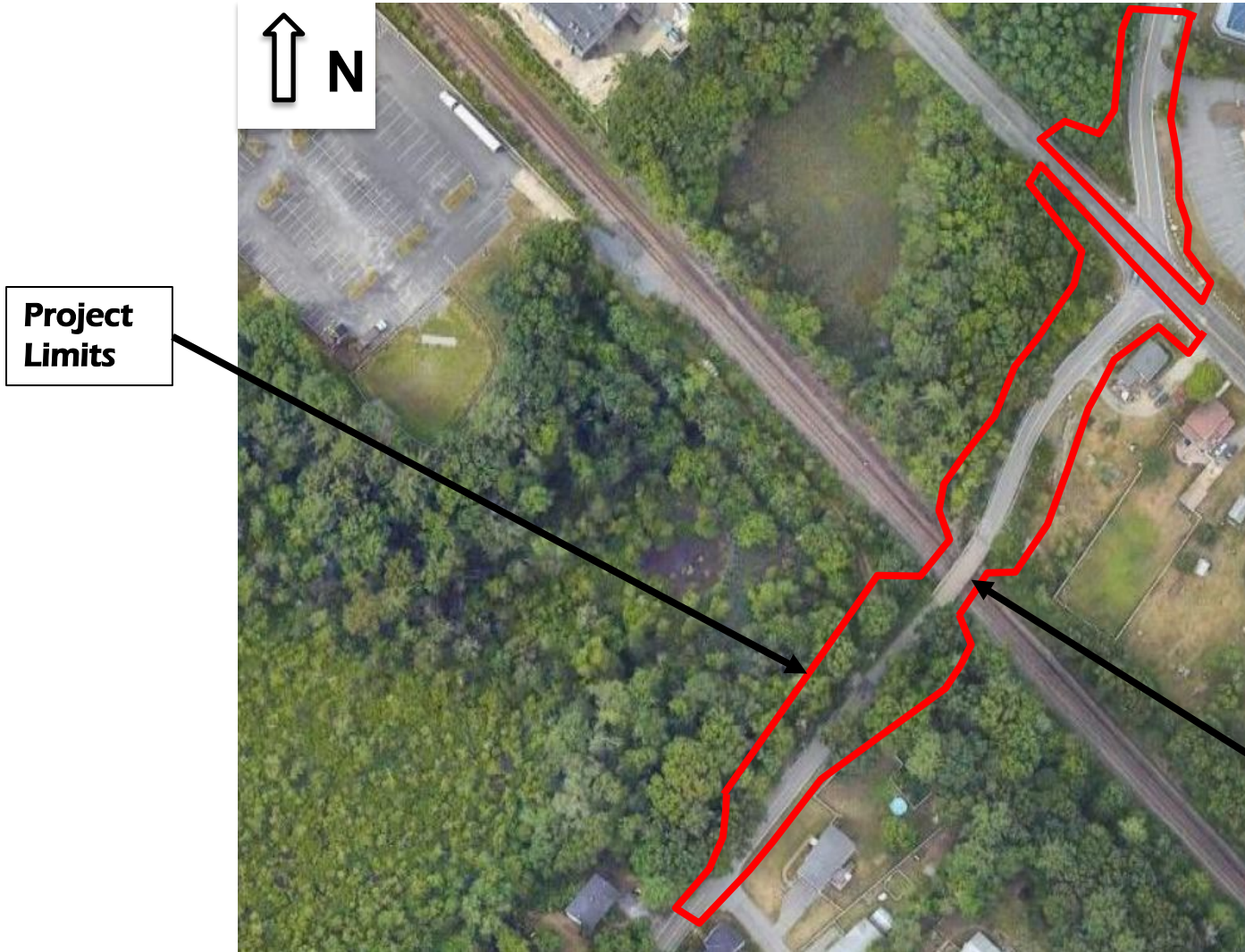
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Project Location

Butters Row over MBTA in Wilmington

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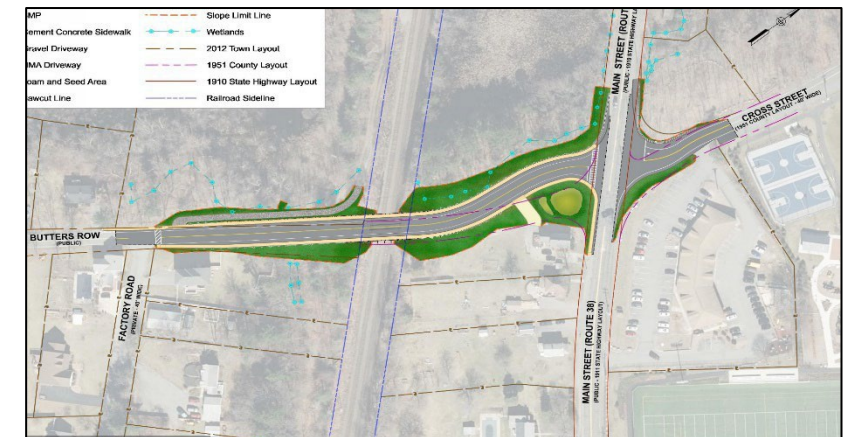
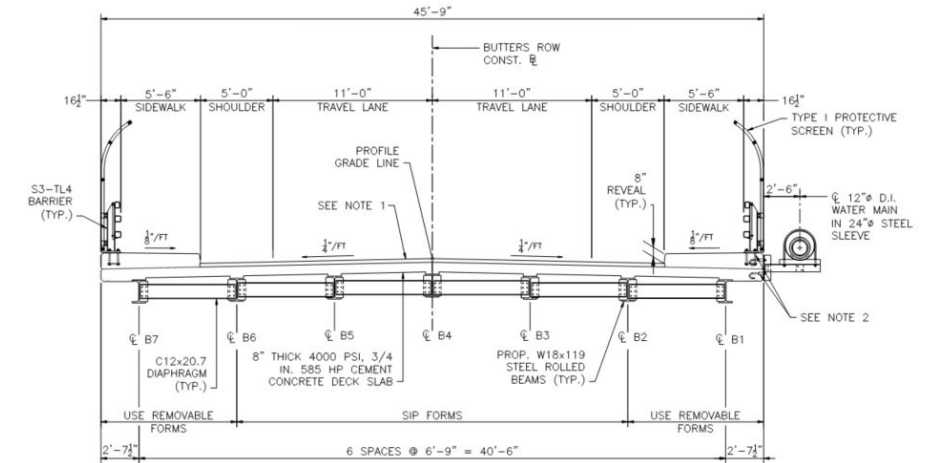
BR. W-38-003
Butters Row over
MBTA

Overview

Scope of Services

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- Replacement and widening of Bridge W-38-003 carrying Butters Row over MBTA, including increase vertical profile and vertical clearance of MBTA
- Construction of four (4) approach retaining walls to limit ROW and environmental impacts
- Reconfiguration of the intersection of Butters Row, Route 38 and Cross Street to improve safety
- Full depth pavement reconstruction of Butters Row approaches and construction of pedestrian accommodations on the bridge and in the approaches with new pavement markings and cross walks
- Multiple overhead and underground utility relocations, including a new water main carried on the bridge
- Improvements to the quality of stormwater runoff with the construction on a new BMP



Overview continued

Public Outreach, Permitting, and Construction Management

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Public Outreach:

- December 1, 2021 Design Public Hearing conducted

Permits on the project include:

- Water Quality Certification BRP WW 11 for Minor Fill and Excavation Projects
- ACOE Self Verification Notification
- NPDES Construction General Permit (CGP)

Construction Management Approach:

- Design-Bid-Build Project
- MassDOT District 4 Construction
- Anticipated Construction is November 2023 to June 2028



Procurement and Budget

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- Project Advertised July 29, 2023
- Engineer's Estimate was \$13,058,975.40
- Bid Opening was September 12, 2023
- Four (4) Bids were received:

MAS Building & Bridge, Inc.	\$15,615,932.86
MIG Corporation	\$16,656,700.50
McCourt Construction Co. Inc.	\$16,996,767.25
JF White Contracting Co.	\$19,418,986.00

- The differences between the low bid and the Engineer's Estimate may be due to uncertainties and increased labor, material and equipment costs associated with the current level of inflation in the economy; as well as additional costs associated with the required MBTA coordination and ROW access for major work activities.

Line Item	Budget
Bid Amount	\$15,615,932.86
Contingencies (10%)	\$1,561,593.29
5% Construction Engineering	\$780,796.64
Traffic Police	\$259,000.00
Trainees	\$4,000.00
Total	\$18,221,322.78

- FA – Hwy Infrast. Prgm (HIPBR) – Bridge
- Programmed Cost in the 2024 TIP: \$16.46M

Request of the MassDOT Board

Staff request that the MassDOT Board authorize the Secretary of the Massachusetts Department of Transportation, or their designee, to award and execute MassDOT Construction Contract 123406: Bridge Replacement Br. W-38-003 (Steel) Butters Row over MBTA with MAS Building & Bridge, Inc. in the amount of \$15,615,932.86.

Thank You

