# Frederick A. Laskey Executive Director

#### MASSACHUSETTS WATER RESOURCES AUTHORITY

Charlestown Navy Yard 100 First Avenue, Building 39 Boston, MA 02129

> Telephone: (617) 242-6000 Fax: (617) 788-4899

TTY: (617) 788-4971

May 30, 2017

RE:

Waterways License Application Number W17-4963

MWRA Utility Bridge Dedham, Massachusetts

Dear Reviewer:

The Massachusetts Water Resources Authority (MWRA) has filed an application with the Massachusetts Department of Environmental Protection (MassDEP) for a Chapter 91 License in accordance with the Public Waterfront Act (M.G.L. Chapter 91) and its implementing Regulations (310 CMR 9.00).

The proposed activity under Chapter 91 jurisdiction includes the installation of a new utility bridge, adjacent to the north side of the existing Sawmill Lane Bridge over Mother Brook. Upon completion, the utility bridge will provide a widened sidewalk along the northern side of Sawmill Lane for use as a pedestrian overlook. The Project will involve minor dredging, behind steel sheeting, to construct abutments at the edge of the brook. Impacts to the 100-year floodplain will be compensated, adjacent to the proposed bridge, in accordance with an approved Notice of Intent.

Enclosed please find a copy of the Public Notice to be published in the Dedham Times on June 2, 2017 as well as a copy of the license plans dated March 22, 2017. Pursuant to 310 CMR 9.13 (1) (a), this information is being provided for your review and comment.

If you have any questions regarding the proposed project, please feel free to contact me at (617) 788-1102.

Sincerely,

Pamela Heidell

Policy and Planning Manager

Attachments

cc:

Paul Rullo, MWRA Gina Britton, Stantec

#### DEPARTMENT OF ENVIRONMENTAL PROTECTION WATERWAYS REGULATION PROGRAM

### Notice of License Application pursuant to M.G.L. Chapter 91 Waterways License Application Number W17- 4963

**Applicant:** Massachusetts Water Resources Authority **Agent:** Hillary King, STANTEC, 5 Burlington Woods,

Burlington, MA, 01803

Project Location: Mother's Brook, Dedham

Public Comments Deadline: July 7, 2017

**NOTIFICATION DATE: June 7, 2017** 

Public notice is hereby given of the Waterways application by the Massachusetts Water Resources Authority to construct and maintain a new pipeline utility bridge crossing adjacent to existing Saw Mill Lane Bridge in the municipality of Dedham over Mother's Brook, a non-tidal river/stream. The proposed project has been determined to be water-dependent.

The Department will consider all written comments on this Waterways application received by **July 7**, **2017** (Public Comments Deadline). Failure of any aggrieved person or group of ten citizens or more to submit written comments to the Waterways Regulation Program by the Public Comments Deadline will result in the waiver of any right to an adjudicatory hearing in accordance with 310 CMR 9.13(4)(c). The group of citizens must include no fewer than five citizens who are residents of the municipality in which the proposed project is located.

Additional information regarding this application may be obtained by contacting the Waterways Regulation Program at (617) 292-5708. Project plans and documents for this application are on file with the Waterways Regulation Program for public viewing, by appointment only, at the address below.

Written comments must be addressed to: <a href="mailto:jerome.grafe@state.ma.us">jerome.grafe@state.ma.us</a> or by USPS to Jerome Grafe, DEP Waterways Regulation Program, One Winter Street - 5th Floor, Boston, MA 02108

I CERTIFY THIS PLAN, AS PREPARED, CONFORMS TO THE RULES AND REGULATIONS OF THE REGISTRY OF DEEDS. PROFESSIONAL ENGINEER DATE PROJECT OCATION EMMETT AVENUE OAKLA VICINITY PLAN PROPOSED BRIDGE OVER SCALE: 1" = 30,000"MOTHER BROOK (SEE SHEET 2 OF 6) - C CONSTRUCTION MEAN ANNUAL HIGH WATER LINE PROPOSED FLOOD PLAIN COMPENSATION AREA (SEE SHEET 6 OF 6) -MILTON STREET EXTENT OF WETLANDS BUSSEY STREET WALNUT STREET **ABUTTERS:** COMMONWEALTH OF MASS. 20 SOMERSET ST. BOSTON, MA UZIU8 2. TOWN OF DEDHAM 26 BRYANT ST DEDHAM, MA 02026 SHEET 1 OF 6 MARCH 22, 2017 VICINITY PLAN PLAN ACCOMPANYING PETITION OF TOWN OF DEDHAM, PROPOSED PIPELINE BRIDGE OVER MOTHER BROOK, DEDHAM, NORFOLK COUNTY.

I CERTIFY THIS PLAN, AS PREPARED, CONFORMS TO THE RULES AND REGULATIONS OF THE REGISTRY OF DEEDS. PROFESSIONAL ENGINEER DATE FLOOD LINE EL. 77.46± MAHW LINE EXISTING RIPRAP (TYP.) PROPOSED LAMP POST PROPOSED SUPPORT OF EXCAVATION (TYP.) PROPERTY LINE PROPOSED RIPRAP (TYP.) PROPOSED BARRIER -PROPOSED PIPELINE EXISTING BRIDGE (TYP.) – PROPOSED BRIDGE RAIL -LANE MOTHER BROOK PROPOSED ABUTMENT **FLOW** SAWMILL (TYP.) -MAHW LINE -FLOOD PLAIN COMPENSATION AREA (SEE SHEET 6 OF 6) **PROPOSED** RETAINING WALL PROPOSED LAMP POST -PROPOSED BRIDGE PLAN PLAN ACCOMPANYING PETITION OF MASSACHUSETTS WATER RESOURCE AUTHORITY, PROPOSED UTILITY BRIDGE OVER MOTHER BROOK, DEDHAM, NORFOLK COUNTY. SHEET 2 OF 6 MARCH 22, 2017

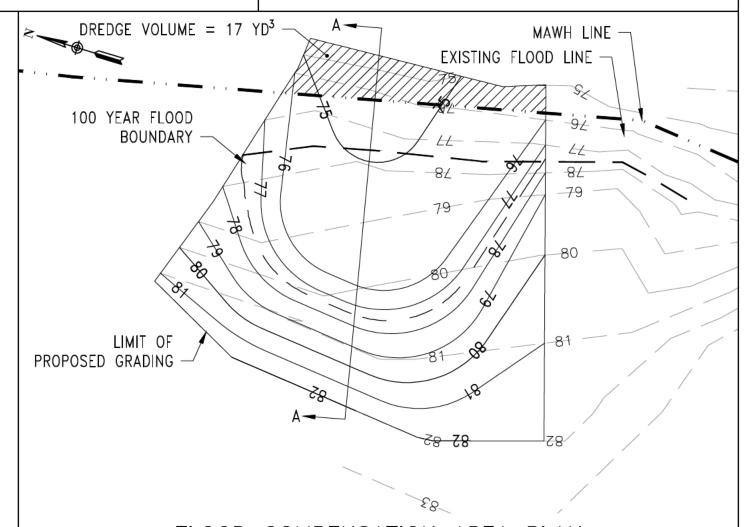
I CERTIFY THIS PLAN, AS PREPARED, CONFORMS TO THE RULES AND REGULATIONS OF THE REGISTRY OF DEEDS. DATE PROFESSIONAL ENGINEER - BOTTOM OF FOOTING - EL. 72.25 PROPOSED BRIDGE RAILING PROPOSED ABUTMENT FOOTING (TYP.) PROPOSED ABUTMENT (TYP.) RIPRAP (TYP.) © BRGS. WEST ABUTMENT PROPOSED BOTTOM MAHW LINE EL. 76.5± PROPOSED LONGITUDINAL STEEL SHEETING (TYP.) CHORD EL. APPROX. MUD LINE 98'-5" (SQUARE DIM.) FL00D EL. 77.46± 20"ø WATER PIPE © BRGS. EAST ABUTMENT PROPOSED LAMP TOP OF FOOTING EL. 74.25 POST (TYP.) EXISTING AND PROPOSED TOP OF ROADWAY MINIPILE EL. 55 PLAN ACCOMPANYING PETITION OF MASSACHUSETTS WATER RESOURCE AUTHORITY, PROPOSED UTILITY BRIDGE OVER MOTHER BROOK, DEDHAM, NORFOLK SHEET 3 OF 6 MARCH 22, 2017 COUNTY.

I CERTIFY THIS PLAN, AS PREPARED, CONFORMS TO THE RULES AND REGULATIONS OF THE REGISTRY OF DEEDS. PROFESSIONAL ENGINEER DATE LINE (NOT IN SERVICE DURING CONSTRUCTION) EXISTING 8" GAS PROPOSED BR-2 RAIL PROPOSED AND EXISTING TOP OF ROADWAY EXISTING REINFORING TO REMAIN (TYP.) % EXISTING BRIDGE FL00D EL. 77.46 TO MATCH EXISTING PROPOSED TRANSVERSE SECTION MAHW LINE EL. 76.5 SCALE: 1" PROPOSED TOP OF SIDEWALK 21'-2" PROPOSED BRIDGE 13'-4 1/2" 4'-7" PROPOSED RAILING — 79.27± 20"ø WATER PIPE 님 PLAN ACCOMPANYING PETITION OF MASSACHUSETTS WATER RESOURCE AUTHORITY, PROPOSED UTILITY BRIDGE OVER MOTHER BROOK, DEDHAM, NORFOLK SHEET 4 OF 6 MARCH 22, 2017 COUNTY.

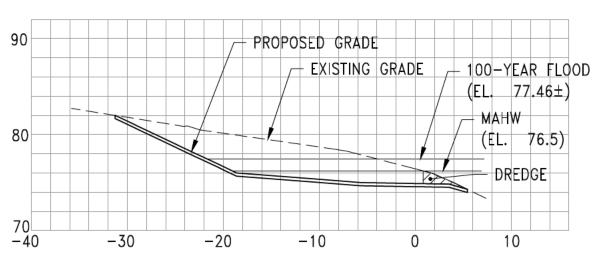
I CERTIFY THIS PLAN, AS PREPARED, CONFORMS TO THE RULES AND REGULATIONS OF THE REGISTRY OF DEEDS. PROFESSIONAL ENGINEER DATE PROP. DREDGE AREA VOLUME =  $3 \text{ YD}^3$ PROP. DREDGE AREA - MAHW LINE EL. 76.5 - APPROX. MUD LINE LONGITUDINAL SECTION STEEL SHEETING (TYP.) DREDGING PLAN FLOOD LINE EL. 77.46± PROP. DREDGE AREA PROP. DREDGE AREA (EXCLUDING MICROPILES) VOLUME = 30 YD<sup>3</sup> total dredge e for bridge Ation = 43 yd<sup>3</sup> PROP. DREDGE AREA (ALL MICROPILES) VOLUME = 10 YD<sup>3</sup> — 60 SCALE: 1" = 30PLAN ACCOMPANYING PETITION OF MASSACHUSETTS WATER RESOURCE AUTHORITY, PROPOSED UTILITY BRIDGE OVER MOTHER BROOK, DEDHAM, NORFOLK COUNTY. SHEET 5 OF 6 MARCH 22, 2017 I CERTIFY THIS PLAN, AS PREPARED, CONFORMS TO THE RULES AND REGULATIONS OF THE REGISTRY OF DEEDS.

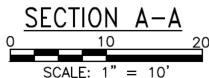
PROFESSIONAL ENGINEER

DATE



## FLOOD COMPENSATION AREA PLAN O 10 20 SCALE: 1" = 10'





PLAN ACCOMPANYING PETITION OF MASSACHUSETTS WATER RESOURCE AUTHORITY, PROPOSED UTILITY BRIDGE OVER MOTHER BROOK, DEDHAM, NORFOLK COUNTY.

SHEET 6 OF 6

MARCH 22, 2017