800,000

2,912,000

WEYMOUTH FORE RIVER

BRAINTREE

CITGO MOORING STATION AND GANGWAY

SMALL BOAT CHANNEL

RN-32

GC-31

FLOOD

EBB

6-FOOT CHANNEL PINE POINT REACH

35-FOOT CHANNEL QUINCY POINT REACH WEYMOUTH FORE AND TOWN RIVER (REFER TO MA 26 WEY)

PIPELINE AREA

POINT PINE

AUTH CL 150 FT POWER CABLES OVERHEAD

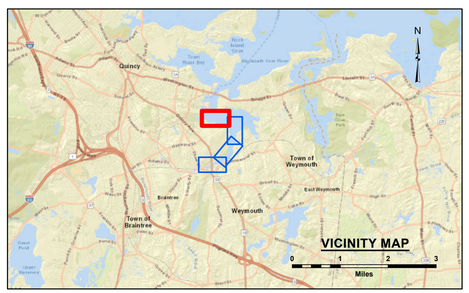
WEYMOUTH

POINT QUINCY

QUINCY

20+00 15+00 10+00 5+00 0+00

100'



LEGEND

- Federal Navigation Channel
- Channel Center Line
- Cable or Pipeline Area
- Marine Infrastructure*
- Contour Line
- Obstruction Point
- Fixed Navigation Aids
- Red Navigation Buoy
- Green Navigation Buoy
- Yellow Navigation Buoy
- Shoaling Area
- Shoalest Sounding**

** Shoalest Sounding per Quarter per Reach
* Present at Time of Survey

GRAPHIC SCALE

100 0 100 200

1" = 100' Feet

S E W N

Notes:

Horizontal Datum: Mass Mainland, MA-2001 NAD 83
Distance Units: U.S. Survey Feet
Vertical Datum: MLLW
Depth Units: U.S. Survey Feet
Vessel Name: Popham Beach
Sonar System: Reson T50 (Multibeam Sonar)
Sounding Frequency: 300 kHz
Survey Method: RTK GPS TIDES
GPS_System: INS Integrated Reson (RTK)
RTK Base Station: MTS Smartnet Max
Software Used: Hypack
Sounding Sort Distance: 30'
Field Books: R&H 4985
Survey No.: MA_27_WEY_20250819_CS_051
Reference NOAA Chart No.: US4MA1GC, US5MA1OF, US5MA1NF

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Project Remarks

Marine infrastructure within federal navigation project limits. Infrastructure captured with lidar during this survey. Floating docks preventing full survey coverage in upper reaches.

Water Level Information

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US Army Corps of Engineers
District: CENAE

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U.S. ARMY CORPS OF ENGINEERS
NEW ENGLAND DISTRICT

SURVEYED BY: MJD
CHECKED BY: JAB
ISSUE DATE: 9/4/2025
SUBMITTED BY: Zachary McAvoy
APPROVED BY: NAE Survey
SIZE: ANSI D
MAP DOCUMENT: MA_27_WEY_20250819_CS_051

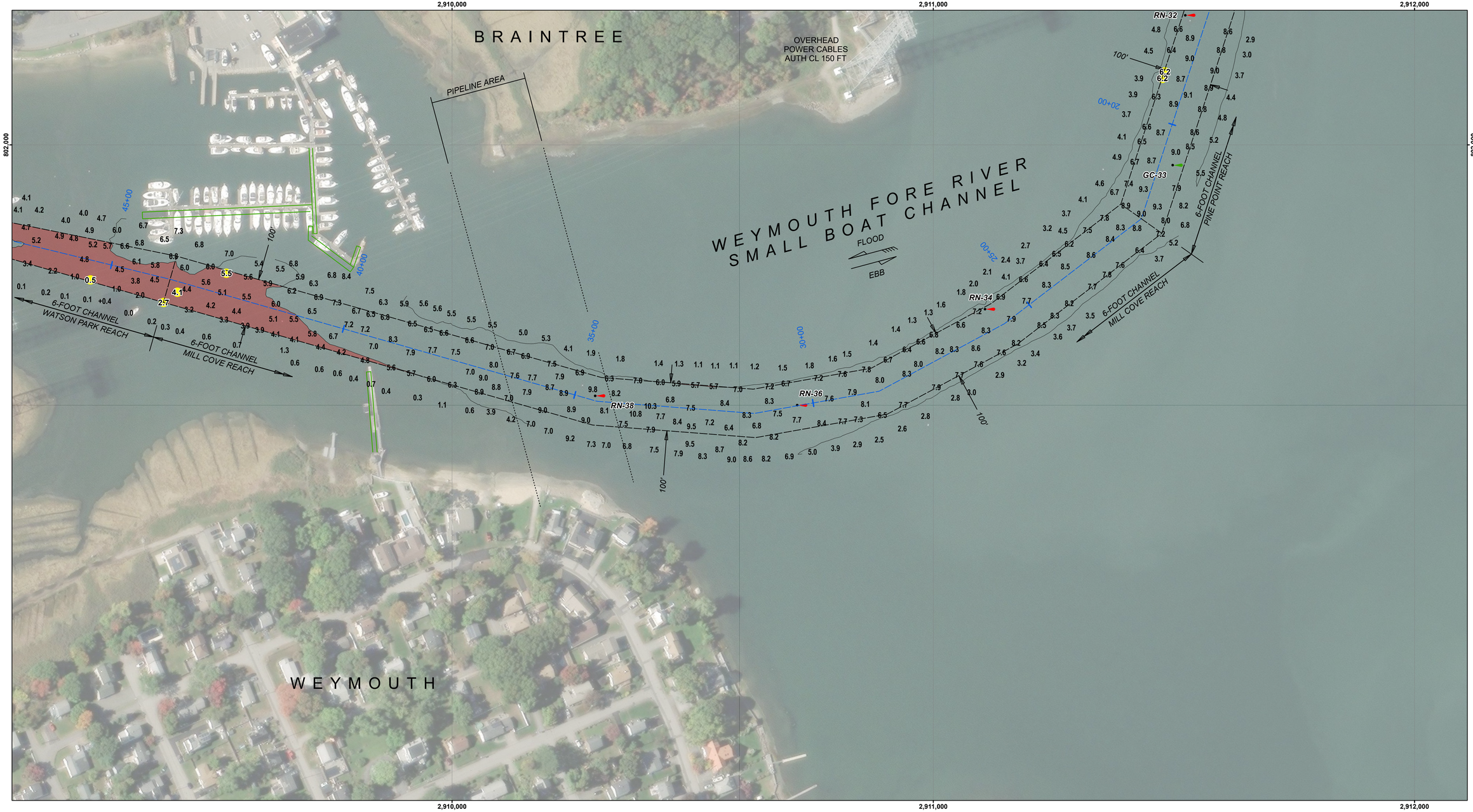
WEYMOUTH SMALL BOAT CHANNEL
WEYMOUTH, QUINCY, AND BRAINTREE
MASSACHUSETTS
CONDITION SURVEY

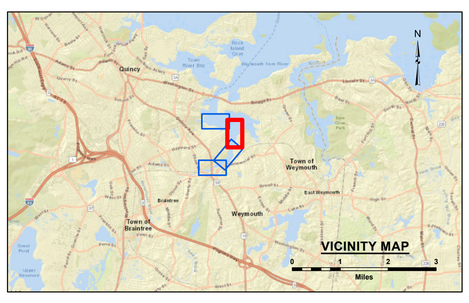
6-FOOT CHANNEL

File Name: MA_27_WEY_20250819_CS_051

SHEET IDENTIFICATION
Weymouth Small Boat Channel
Sheet 1 of 4

Revison Number: 5.24.09.03-5.24.09.03





LEGEND

- Federal Navigation Channel
- Channel Center Line
- Cable or Pipeline Area
- Marine Infrastructure*
- Contour Line
- Obstruction Point
- Fixed Navigation Aids
- Red Navigation Buoy
- Green Navigation Buoy
- Yellow Navigation Buoy
- Shoaling Area
- Shoalest Sounding**

** Shoalest Sounding per Quarter per Reach
* Present at Time of Survey

GRAPHIC SCALE

1" = 100' 100 0 100 200 Feet

W E S N

Notes:

Horizontal Datum: Mass Mainland, MA-2001 NAD 83
Distance Units: U.S. Survey Feet
Vertical Datum: MLLW
Depth Units: U.S. Survey Feet
Vessel Name: Popham Beach
Sonar System: Reson T50 (Multibeam Sonar)
Sounding Frequency: 300 kHz
Survey Method: RTK GPS TIDES
GPS_System: INS Integrated Reson (RTK)
RTK Base Station: MTS Smartnet Max
Software Used: Hypack
Sounding Sort Distance: 30'
Field Books: R&H 4985
Survey No.: MA_27_WEY_20250819_CS_051
Reference NOAA Chart No.: US4MA1GC, US5MA1OF, US5MA1NF

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US Army Corps of Engineers
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U.S. ARMY CORPS OF ENGINEERS
NEW ENGLAND DISTRICT

SUBMITTED BY: Zachary McAvoy
APPROVED BY: NAE Survey

SURVEYED BY: MJD
CHECKED BY: JAB
ISSUE DATE: 9/4/2025
SIZE: ANSI D
MAP DOCUMENT: MA_27_WEY_20250819_CS_051

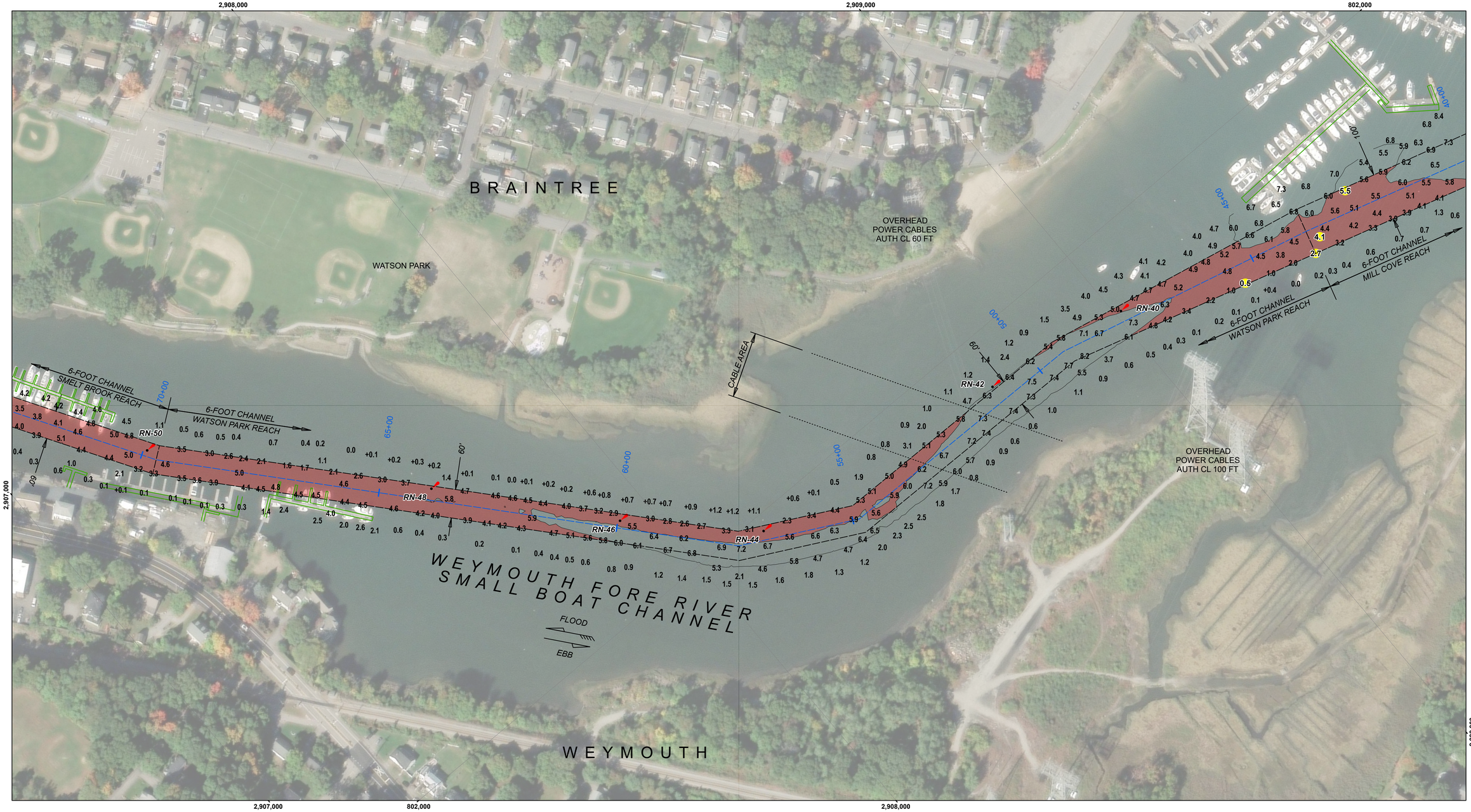
WEYMOUTH SMALL BOAT CHANNEL
WEYMOUTH, QUINCY, AND BRAINTREE
MASSACHUSETTS
CONDITION SURVEY

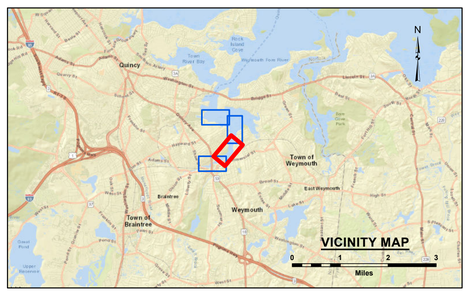
6-FOOT CHANNEL

File Name: **MA_27_WEY_20250819_CS_051**

SHEET IDENTIFICATION
Weymouth Small Boat Channel
Sheet 2 of 4

Revison Number: 5.24.09.03-5.24.09.03





LEGEND

- Federal Navigation Channel
- Channel Center Line
- Cable or Pipeline Area
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- Contour Line
- Obstruction Point
- Fixed Navigation Aids
- Red Navigation Buoy
- Green Navigation Buoy
- Yellow Navigation Buoy
- Shoaling Area
- Shoalest Sounding**

** Shoalest Sounding per Quarter per Reach
* Present at Time of Survey

GRAPHIC SCALE

1" = 100' 100 0 100 200 Feet



Notes:

Horizontal Datum: Mass Mainland, MA-2001 NAD 83
Distance Units: U.S. Survey Feet
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Depth Units: U.S. Survey Feet
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RTK Base Station: MTS Smartnet Max
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Sounding Sort Distance: 30'
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Survey No.: MA_27_WEY_20250819_CS_051
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U.S. ARMY CORPS OF ENGINEERS
NEW ENGLAND DISTRICT

SURVEYED BY: MJD
CHECKED BY: JAB
ISSUE DATE: 9/4/2025

SUBMITTED BY: Zachary McAvoy
APPROVED BY: NAE Survey

MAP DOCUMENT: MA_27_WEY_20250819_CS_051

SIZE: ANSI D

WEYMOUTH SMALL BOAT CHANNEL
WEYMOUTH, QUINCY, AND BRAINTREE
MASSACHUSETTS
CONDITION SURVEY

6-FOOT CHANNEL

File Name: **MA_27_WEY_20250819_CS_051**

SHEET IDENTIFICATION
Weymouth Small Boat Channel
Sheet 3 of 4

Revison Number: 5.24.09.03-5.24.09.03

800,000

2,907,000

BRAINTREE

BRAINTREE YACHT CLUB

6-FOOT CHANNEL
WATSON PARK REACH

6-FOOT CHANNEL
SMELT BROOK REACH

RN-50

70+00

75+00

80+00

80+86

60'

60

1-1

QUINCY AVENUE BRIDGE

STATE ROUTE 53
FIXED BRIDGE
HOR CL 51 FT
VERT CL 11 FT

SMELT BROOK

WEYMOUTH FORE RIVER
SMALL BOAT CHANNEL

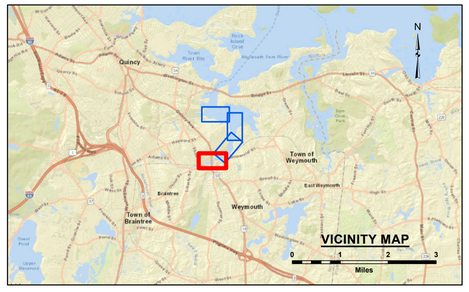
FLOOD

EBB

WEYMOUTH

2,907,000

800,000



LEGEND

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GRAPHIC SCALE

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100 0 100 200 Feet

N W E S

Notes:

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MASSACHUSETTS
CONDITION SURVEY

6-FOOT CHANNEL

File Name: MA_27_WEY_20250819_CS_051

SHEET IDENTIFICATION
Weymouth Small Boat Channel
Sheet 4 of 4

Revison Number: 5.24.09.03-5.24.09.03