CORPS OF ENGINEERS U.S. ARMY

US Army Corps of Engineers
District: CENAE

DISCLAIMER
Access Constraints: The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the US Government makes no warranties, expressed or implied concerning the accuracy, completeness, readability, usability or suitability for any particular purpose of the information and the data furnished. The United States shall be under no liability whatsoever to any person by reason of any use made thereof. These data belong to the Government. Therefore the recipient fully agrees not to represent these data to anyone as other than Government provided data. The recipient may not transfer these data to others without also transferring this Disclaimer.

Distribution Liability: The data represents the results of data collection/processing for a specific US Army Corps of Engineers activity and indicates the general existing conditions. As such, it is only valid for its intended use, content, time and accuracy specifications. The user is responsible for the results of any of the application of this data for other than its intended purpose.

U.S. ARMY CORPS OF ENGINEERS
NEW ENGLAND DISTRICT

SUBMITTED BY: Joshua Bromberg
APPROVED BY: NAE Survey
SURVEYED BY: MJO
CHECKED BY: BTM
ISSUE DATE: 2/11/2026
SIZE: ANSI D
MAP DOCUMENT: MA_36_CCC_20260120_CS_005

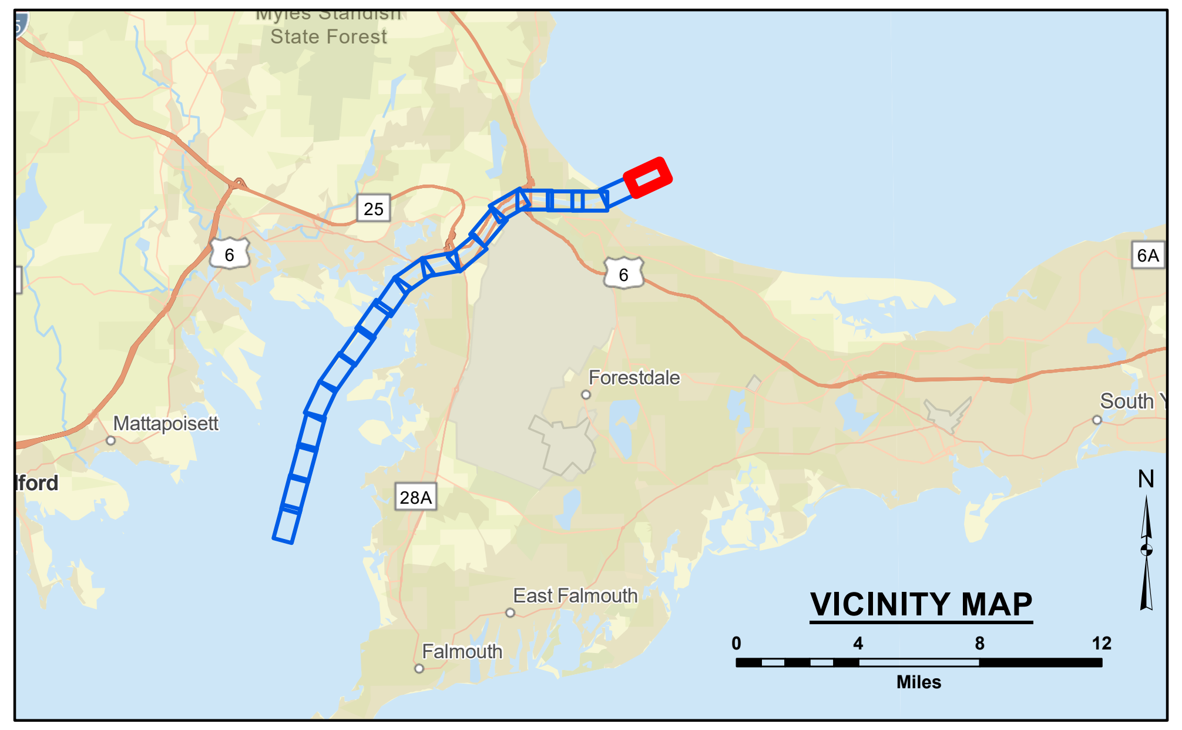
CAPE COD CANAL
SANDWICH TO WAREHAM,
MASSACHUSETTS
CONDITION SURVEY

32-FOOT CHANNELS
18, 25, AND 32-FOOT MOORING BASINS
File Name: **MA_36_CCC_20260120_CS_005**

SHEET
IDENTIFICATION
Cape Cod Canal

Sheet 1 of 19

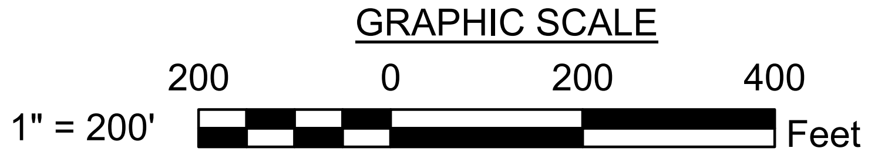
Revision Number: 5.24.09.03-5.24.09.03

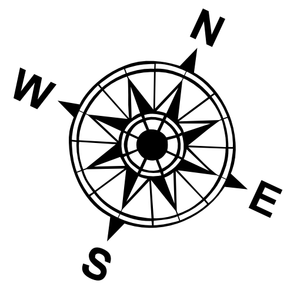


LEGEND

- 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*
- 🟥 Shoaling Area
- ● Shoalest Sounding**

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





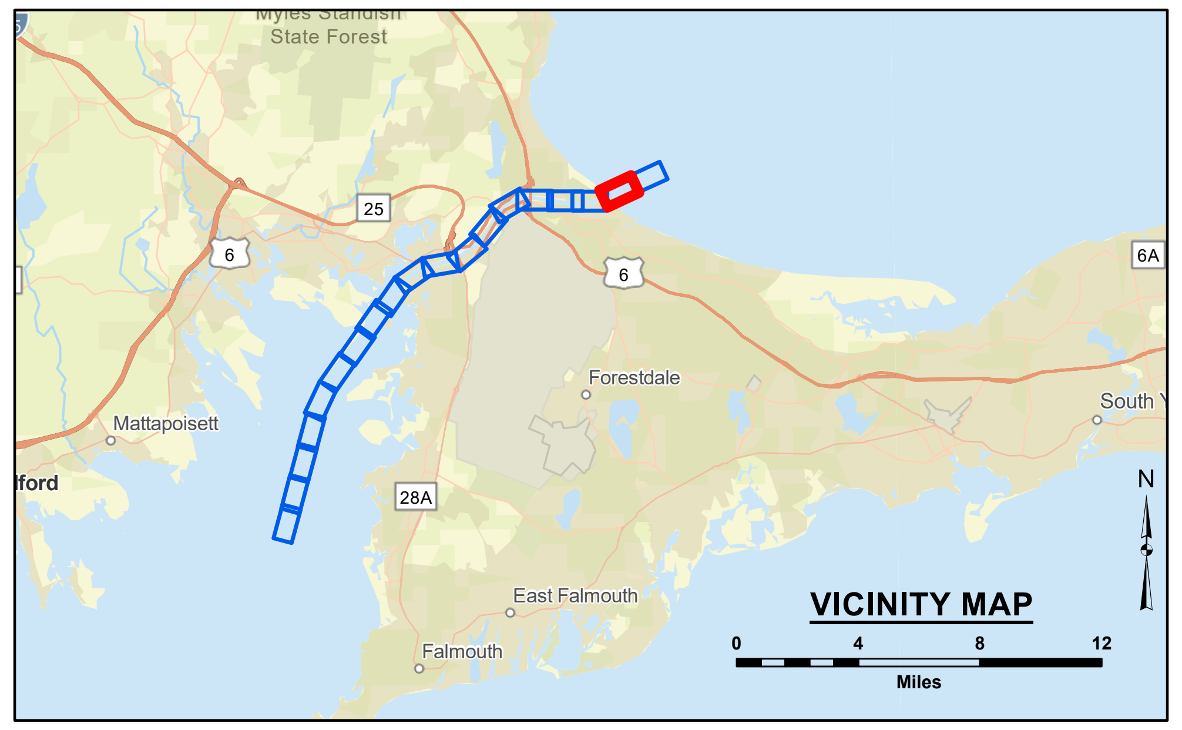
Notes:
Horizontal Datum: Mass Mainland, MA-2001 NAD 83
Distance Units: U.S. Survey Feet
Vertical Datum: MLLW
Depth Units: U.S. Survey Feet
Vessel Name: Kennebec
Sonar System: Reson T50 (Multibeam Sonar)
Sounding Frequency: 300 kHz
Survey Method: RTK GPS Tides
GPS_System: INS Integrated Reson (RTK)
RTK Base Station: MTS Smartnet Max
Software Used: Hypack
Sounding Sort Distance: 50'
Field Books: R&H 4986
Survey No.: MA_36_CCC_20260120_CS_005
Reference NOAA Chart No.: US4MA14M

The information depicted on these charts represents the results of surveys made on the dates indicated, and can only be considered as indicating the conditions existing at that time.

General Notes
The sounding information shown on this map represents the SHOALEST soundings of those obtained from hydrographic surveys conducted during January 2026. The positions of aids to navigation were located during survey operations, are provided for information only and should not be used for navigation. Orthoimagery is from a variety of sources and dates and is intended to portray general characteristics of the shoreline and other features. Temporal changes may have occurred since this dataset was collected and some parts may no longer be an accurate representation of the conditions. The information depicted on this map should NOT be used to determine volumes as volumes are determined from more sounding information than shown.

Project Remarks
Federal navigation project not surveyed in its entirety. Marine infrastructure surveyed with ship mounted lidar.

Water Level Information
Tides were recorded using RTK GPS. NAVD88 to MLLW corrections were logged utilizing NOAA's V-Datum regional model Maine/New Hampshire/Massachusetts Version 2.3. The corrections in the project area range from 2.26 feet to 5.67 feet. MLLW is below NAVD88; therefore, the correction should be added to NAVD88 to convert to MLLW (e.g.-10 NAV88 = -8 MLLW when using a 2-foot correction).

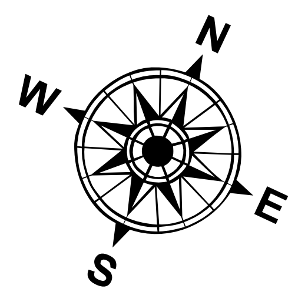


LEGEND

- 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*
- 🟥 Shoaling Area
- ● Shoalest Sounding**

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

GRAPHIC SCALE
200 0 200 400
1" = 200' Feet



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: Kennebec
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: 50'
Field Books: R&H 4986
Survey No.: MA_36_CCC_20260120_CS_005
Reference NOAA Chart No.: US4MA14M

The information depicted on these charts represents the results of surveys made on the dates indicated, and can only be considered as indicating the conditions existing at that time.

General Notes

The sounding information shown on this map represents the SHOALEST soundings of those obtained from hydrographic surveys conducted during January 2026. The positions of aids to navigation were located during survey operations, are provided for information only and should not be used for navigation. Orthoimagery is from a variety of sources and dates and is intended to portray general characteristics of the shoreline and other features. Temporal changes may have occurred since this dataset was collected and some parts may no longer be an accurate representation of the conditions. The information depicted on this map should NOT be used to determine volumes as volumes are determined from more sounding information than shown.

Project Remarks

Federal navigation project not surveyed in its entirety. Marine infrastructure surveyed with ship mounted lidar.

Water Level Information

Tides were recorded using RTK GPS. NAVD88 to MLLW corrections were logged utilizing NOAA's V-Datum regional model Maine/New Hampshire/Massachusetts Version 2.3. The corrections in the project area range from 2.26 feet to 5.67 feet. MLLW is below NAVD88; therefore, the correction should be added to NAVD88 to convert to MLLW (e.g.-10 NAV88 = -8 MLLW when using a 2-foot correction).

US Army Corps of Engineers
District: CENAE

DISCLAIMER
Access Constraints: The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the US Government makes no warranties, expressed or implied concerning the accuracy, completeness, readability, usability or suitability for any particular purpose of the information and the data furnished. The United States shall be under no liability whatsoever to any person by reason of any use made thereof. These data belong to the Government. Therefore the recipient fully agrees not to represent these data to anyone as other than Government provided data. The recipient may not transfer these data to others without also transferring this Disclaimer.

Distribution Liability: The data represents the results of data collection/processing for a specific US Army Corps of Engineers activity and indicates the general existing conditions. As such, it is only valid for its intended use, content, time and accuracy specifications. The user is responsible for the results of any of the application of this data for other than its intended purpose.

U.S. ARMY CORPS OF ENGINEERS
NEW ENGLAND DISTRICT

SURVEYED BY: MJO
CHECKED BY: BTM
ISSUE DATE: 2/11/2026
SUBMITTED BY: Joshua Bromberg
APPROVED BY: NAE Survey
SIZE: ANSI D
MAP DOCUMENT: MA_36_CCC_20260120_CS_005

CAPE COD CANAL
SANDWICH TO WAREHAM, MASSACHUSETTS
CONDITION SURVEY

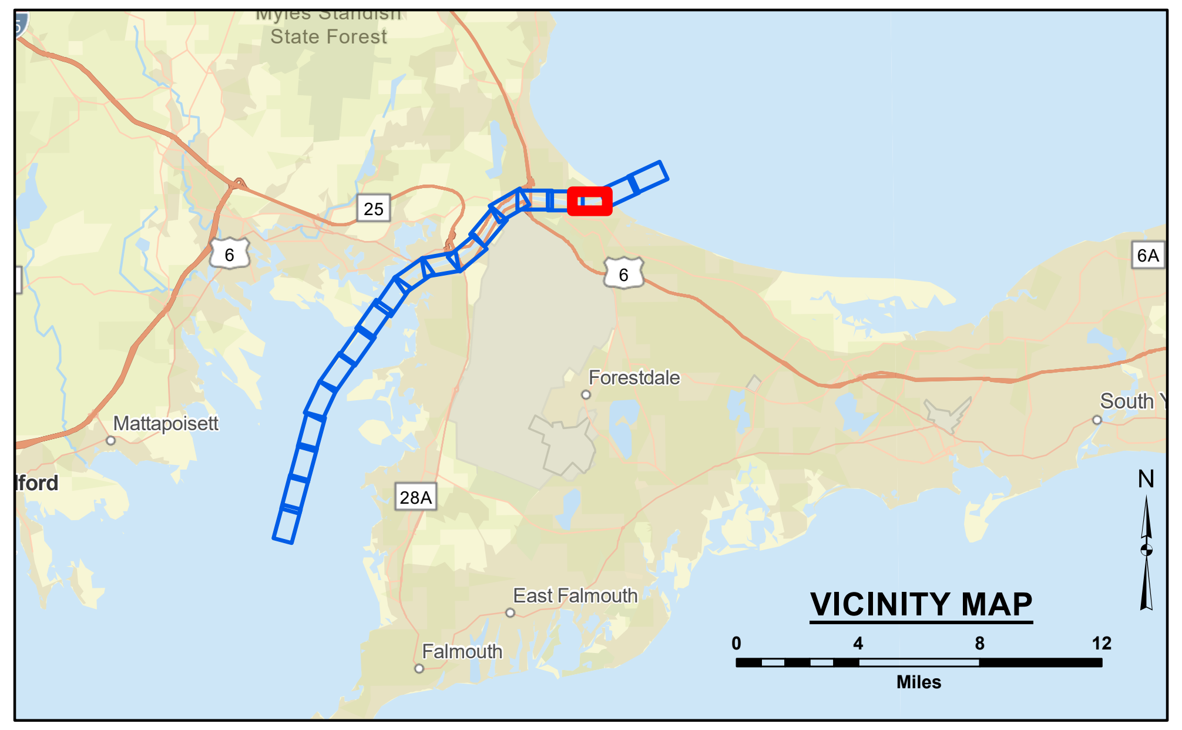
32-FOOT CHANNELS
18, 25, AND 32-FOOT MOORING BASINS
File Name: **MA_36_CCC_20260120_CS_005**

SHEET IDENTIFICATION
Cape Cod Canal

Sheet 2 of 19

Revision Number: 5.24.09.03-5.24.09.03

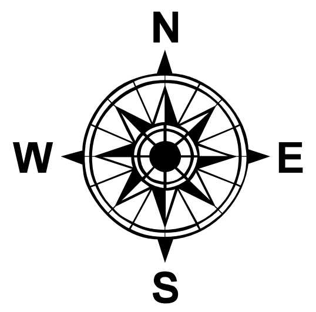
925,000
926,000
927,000
928,000
929,000
930,000
2,745,000
2,744,000
2,743,000
SANDWICH
SANDWICH
CAPE COD CANAL
DOLPHINS
32-FOOT CHANNEL SAGAMORE EAST REACH
32-FOOT CHANNEL EAST MOORING BASIN SHOAL
25-FOOT BASIN EAST MOORING BASIN
32-FOOT CHANNEL EAST MOORING BASIN SHOAL
32-FOOT CHANNEL SOUTH BREAKWATER SHOAL
JETTY (MA_CCC_02)
13-FOOT BASIN EAST BOAT BASIN
8-FOOT BASIN EAST BOAT BASIN EXTENSION
EAST BOAT BASIN, CAPE COD CANAL (REFER TO MA 37 CCC)
HARBOR OF REFUGE
CANAL ELECTRIC COMPANY TERMINAL BASIN BERTHING BASIN
CAPE COD CANAL EASTERN BASIN FRONT RANGE LIGHT
CAPE COD CANAL EASTERN BASIN REAR RANGE LIGHT
160+00
150+00
140+00
130+00
120+00
110+00
100+00
480'



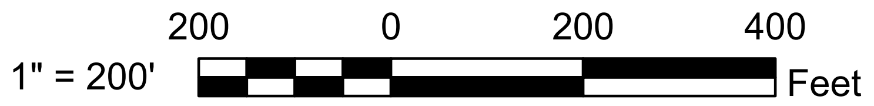
LEGEND

- 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*
- 🟥 Shoaling Area
- ● Shoalest Sounding**

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



GRAPHIC SCALE



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: Kennebec
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: 50'
Field Books: R&H 4986
Survey No.: MA_36_CCC_20260120_CS_005
Reference NOAA Chart No.: US4MA14M

The information depicted on these charts represents the results of surveys made on the dates indicated, and can only be considered as indicating the conditions existing at that time.

General Notes

The sounding information shown on this map represents the SHOALEST soundings of those obtained from hydrographic surveys conducted during January 2026. The positions of aids to navigation were located during survey operations, are provided for information only and should not be used for navigation. Orthoimagery is from a variety of sources and dates and is intended to portray general characteristics of the shoreline and other features. Temporal changes may have occurred since this dataset was collected and some parts may no longer be an accurate representation of the conditions. The information depicted on this map should NOT be used to determine volumes as volumes are determined from more sounding information than shown.

Project Remarks

Federal navigation project not surveyed in its entirety. Marine infrastructure surveyed with ship mounted lidar.

Water Level Information

Tides were recorded using RTK GPS. NAVD88 to MLLW corrections were logged utilizing NOAA's V-Datum regional model Maine/New Hampshire/Massachusetts Version 2.3. The corrections in the project area range from 2.26 feet to 5.67 feet. MLLW is below NAVD88; therefore, the correction should be added to NAVD88 to convert to MLLW (e.g.-10 NAV88 = -8 MLLW when using a 2-foot correction).

US Army Corps
of Engineers
District: CENAE

DISCLAIMER
Access Constraints: The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the US Government makes no warranties, expressed or implied concerning the accuracy, completeness, readability, usability or suitability for any particular purpose of the information and the data furnished. The United States shall be under no liability whatsoever to any person by reason of any use made thereof. These data belong to the Government. Therefore the recipient fully agrees not to represent these data to anyone as other than Government provided data. The recipient may not transfer these data to others without also transferring this Disclaimer.

Distribution Liability: The data represents the results of data collection/processing for a specific US Army Corps of Engineers activity and indicates the general existing conditions. As such, it is only valid for its intended use, content, time and accuracy specifications. The user is responsible for the results of any of the application of this data for other than its intended purpose.

U.S. ARMY CORPS OF ENGINEERS
NEW ENGLAND DISTRICT

SUBMITTED BY: Joshua Bromberg
APPROVED BY: NAE Survey
SIZE: ANSI D
SURVEYED BY: MJO
CHECKED BY: BTM
ISSUE DATE: 2/11/2026
MAP DOCUMENT: MA_36_CCC_20260120_CS_005

CAPE COD CANAL
SANDWICH TO WAREHAM,
MASSACHUSETTS
CONDITION SURVEY

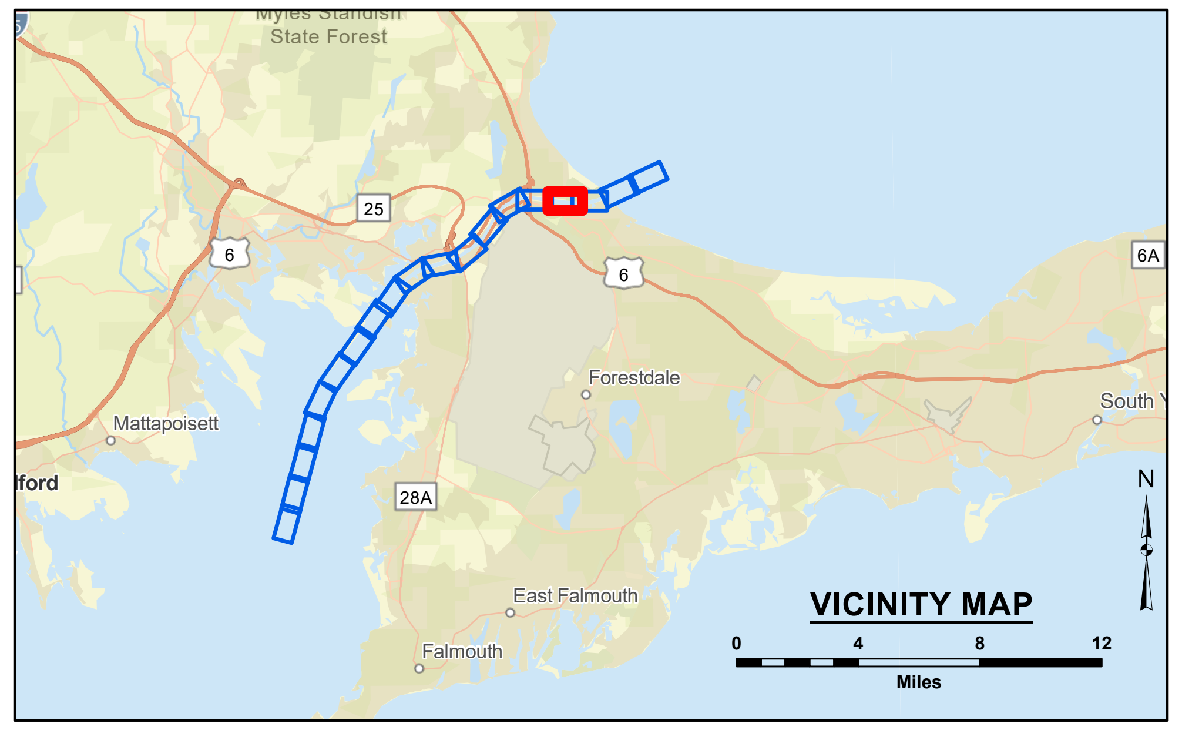
32-FOOT CHANNELS
18, 25, AND 32-FOOT MOORING BASINS
File Name: **MA_36_CCC_20260120_CS_005**

SHEET IDENTIFICATION
Cape Cod Canal

Sheet 3 of 19

Revision Number: 5.24.09.03-5.24.09.03

921,000
922,000
923,000
924,000
925,000
926,000
2,745,000
2,744,000
2,743,000
B O U R N E
C A P E C O D C A N A L
B O U R N E
S A N D W I C H
32-FOOT CHANNEL SAGAMORE WEST REACH
32-FOOT CHANNEL SAGAMORE EAST REACH
32-FOOT CHANNEL SAGAMORE EAST REACH
32-FOOT CHANNEL EAST MOORING BASIN SHOAL
480'
200+00
190+00
180+00
170+00
160+00
150+00
CANAL ELECTRIC COMPANY TERMINAL BASIN BERTHING BASIN
CAPE COD CANAL EASTERN BASIN REAR RANGE LIGHT
36.5
33.4
46.8
48.5
40.3
38.3



LEGEND

— —	Federal Navigation Channel	✳	Fixed Navigation Aids
—·—	Channel Center Line	!	Red Navigation Buoy*
······	Cable or Pipeline Area	!	Green Navigation Buoy*
——	Marine Infrastructure *	🟥	Shoaling Area
——	Contour Line	●	Shoalest Sounding**
⊠	Obstruction Point		

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

GRAPHIC SCALE

200 0 200 400

1" = 200' Feet

N W E S

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: Kennebec
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: 50'
Field Books: R&H 4986
Survey No.: MA_36_CCC_20260120_CS_005
Reference NOAA Chart No.: US4MA14M

The information depicted on these charts represents the results of surveys made on the dates indicated, and can only be considered as indicating the conditions existing at that time.

General Notes

The sounding information shown on this map represents the SHOALEST soundings of those obtained from hydrographic surveys conducted during January 2026. The positions of aids to navigation were located during survey operations, are provided for information only and should not be used for navigation. Orthoimagery is from a variety of sources and dates and is intended to portray general characteristics of the shoreline and other features. Temporal changes may have occurred since this dataset was collected and some parts may no longer be an accurate representation of the conditions. The information depicted on this map should NOT be used to determine volumes as volumes are determined from more sounding information than shown.

Project Remarks

Federal navigation project not surveyed in its entirety. Marine infrastructure surveyed with ship mounted lidar.

Water Level Information

Tides were recorded using RTK GPS. NAVD88 to MLLW corrections were logged utilizing NOAA's V-Datum regional model Maine/New Hampshire/Massachusetts Version 2.3. The corrections in the project area range from 2.26 feet to 5.67 feet. MLLW is below NAVD88; therefore, the correction should be added to NAVD88 to convert to MLLW (e.g.-10 NAV88 = -8 MLLW when using a 2-foot correction).

US Army Corps
of Engineers
District: CENAE

DISCLAIMER
Access Constraints: The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the US Government makes no warranties, expressed or implied concerning the accuracy, completeness, readability, usability or suitability for any particular purpose of the information and the data furnished. The United States shall be under no liability whatsoever to any person by reason of any use made thereof. These data belong to the Government. Therefore the recipient fully agrees not to represent these data to anyone as other than Government provided data. The recipient may not transfer these data to others without also transferring this Disclaimer.

Distribution Liability: The data represents the results of data collection/processing for a specific US Army Corps of Engineers activity and indicates the general existing conditions. As such, it is only valid for its intended use, content, time and accuracy specifications. The user is responsible for the results of any of the application of this data for other than its intended purpose.

U.S. ARMY CORPS OF ENGINEERS
NEW ENGLAND DISTRICT

SUBMITTED BY: Joshua Bromberg		SURVEYED BY: MJO
APPROVED BY: NAE Survey		CHECKED BY: BTM
SIZE: ANSI D	MAP DOCUMENT: MA_36_CCC_20260120_CS_005	ISSUE DATE: 2/11/2026

CAPE COD CANAL
SANDWICH TO WAREHAM, MASSACHUSETTS
CONDITION SURVEY

32-FOOT CHANNELS
18, 25, AND 32-FOOT MOORING BASINS

File Name: MA_36_CCC_20260120_CS_005

SHEET IDENTIFICATION
Cape Cod Canal

Sheet 4 of 19

Revision Number: 5.24.09.03-5.24.09.03

US Army Corps of Engineers
District: CENAE

DISCLAIMER
Access Constraints: The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the US Government makes no warranties, expressed or implied concerning the accuracy, completeness, readability, usability or suitability for any particular purpose of the information and the data furnished. The United States shall be under no liability whatsoever to any person by reason of any use made thereof. These data belong to the Government. Therefore the recipient fully agrees not to represent these data to anyone as other than Government provided data. The recipient may not transfer these data to others without also transferring this Disclaimer.

Distribution Liability: The data represents the results of data collection/processing for a specific US Army Corps of Engineers activity and indicates the general existing conditions. As such, it is only valid for its intended use, content, time and accuracy specifications. The user is responsible for the results of any of the application of this data for other than its intended purpose.

U.S. ARMY CORPS OF ENGINEERS
NEW ENGLAND DISTRICT

SUBMITTED BY: Joshua Bromberg
APPROVED BY: NAE Survey
SURVEYED BY: MJO
CHECKED BY: BTM
ISSUE DATE: 2/11/2026
SIZE: ANSI D
MAP DOCUMENT: MA_36_CCC_20260120_CS_005

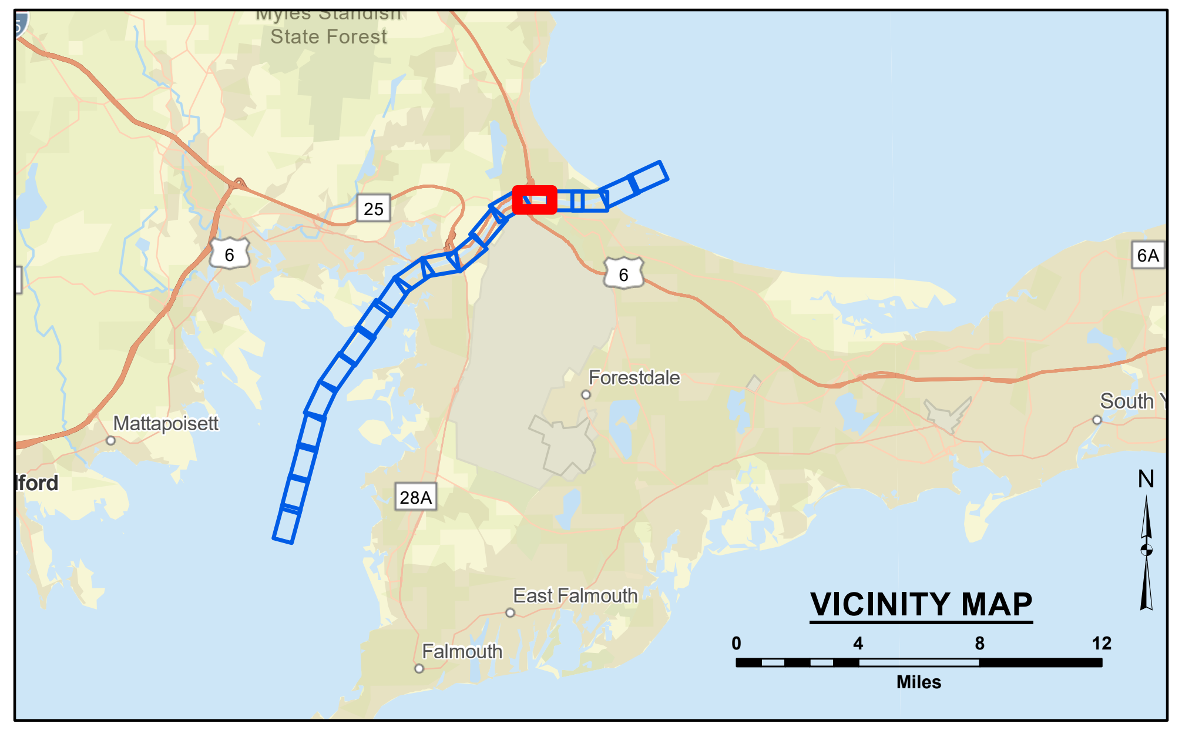
CAPE COD CANAL
SANDWICH TO WAREHAM,
MASSACHUSETTS
CONDITION SURVEY

32-FOOT CHANNELS
18, 25, AND 32-FOOT MOORING BASINS
File Name: **MA_36_CCC_20260120_CS_005**

SHEET IDENTIFICATION
Cape Cod Canal

Sheet 5 of 19

Revision 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*
- 🟥 Shoaling Area
- ● Shoalest Sounding**

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

GRAPHIC SCALE
200 0 200 400
1" = 200' Feet

N
W E
S

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: Kennebec
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: 50'
Field Books: R&H 4986
Survey No.: MA_36_CCC_20260120_CS_005
Reference NOAA Chart No.: US4MA14M

The information depicted on these charts represents the results of surveys made on the dates indicated, and can only be considered as indicating the conditions existing at that time.

General Notes
The sounding information shown on this map represents the SHOALEST soundings of those obtained from hydrographic surveys conducted during January 2026. The positions of aids to navigation were located during survey operations, are provided for information only and should not be used for navigation. Orthoimagery is from a variety of sources and dates and is intended to portray general characteristics of the shoreline and other features. Temporal changes may have occurred since this dataset was collected and some parts may no longer be an accurate representation of the conditions. The information depicted on this map should NOT be used to determine volumes as volumes are determined from more sounding information than shown.

Project Remarks
Federal navigation project not surveyed in its entirety. Marine infrastructure surveyed with ship mounted lidar.

Water Level Information
Tides were recorded using RTK GPS. NAVD88 to MLLW corrections were logged utilizing NOAA's V-Datum regional model Maine/New Hampshire/Massachusetts Version 2.3. The corrections in the project area range from 2.26 feet to 5.67 feet. MLLW is below NAVD88; therefore, the correction should be added to NAVD88 to convert to MLLW (e.g.-10 NAV88 = -8 MLLW when using a 2-foot correction).

US Army Corps of Engineers District: CENAE

DISCLAIMER

Access Constraints: The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the US Government makes no warranties, expressed or implied concerning the accuracy, completeness, readability, usability or suitability for any particular purpose of the information and the data furnished. The United States shall be under no liability whatsoever to any person by reason of any use made thereof. These data belong to the Government. Therefore the recipient fully agrees not to represent these data to anyone as other than Government provided data. The recipient may not transfer these data to others without also transferring this Disclaimer.

Distribution Liability: The data represents the results of data collection/processing for a specific US Army Corps of Engineers activity and indicates the general existing conditions. As such, it is only valid for its intended use, content, time and accuracy specifications. The user is responsible for the results of any of the application of this data for other than its intended purpose.

U.S. ARMY CORPS OF ENGINEERS
NEW ENGLAND DISTRICT

SUBMITTED BY: Joshua Bromberg
APPROVED BY: NAE Survey
SURVEYED BY: MJO
CHECKED BY: BTM
ISSUE DATE: 2/11/2026
MAP DOCUMENT: MA_36_CCC_20260120_CS_005
SIZE: ANSI D

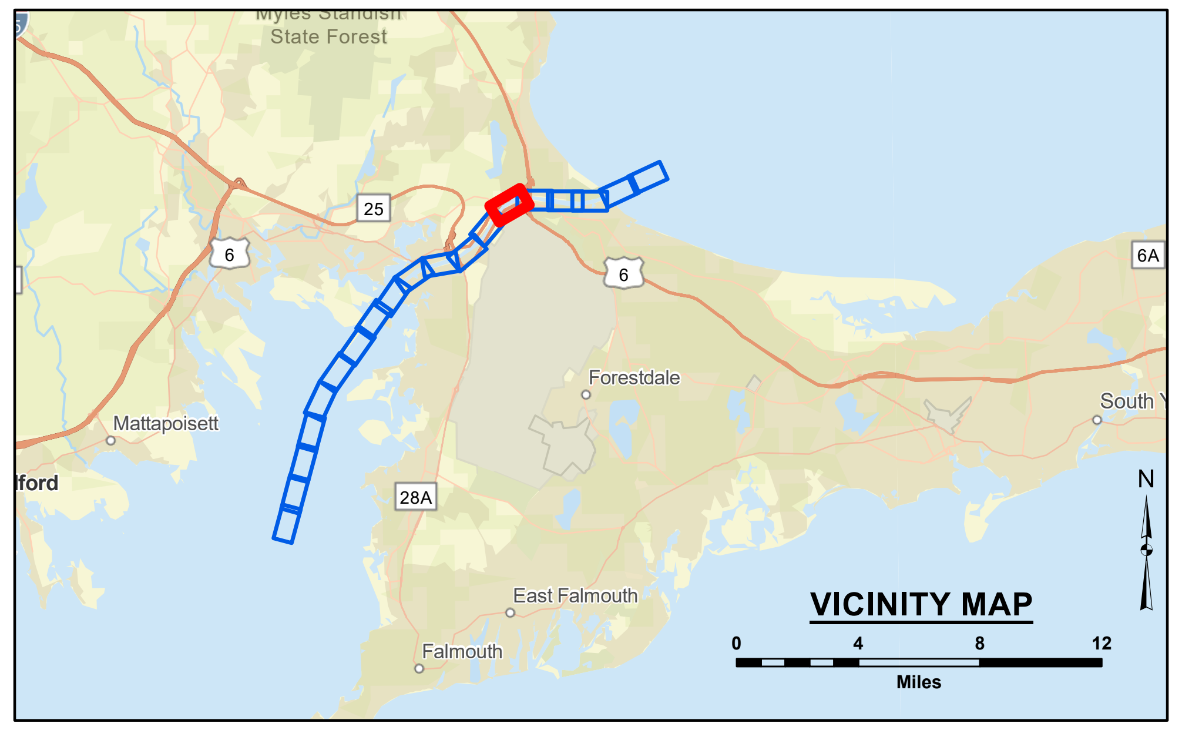
CAPE COD CANAL
SANDWICH TO WAREHAM, MASSACHUSETTS
CONDITION SURVEY

32-FOOT CHANNELS
18, 25, AND 32-FOOT MOORING BASINS

File Name: MA_36_CCC_20260120_CS_005

SHEET IDENTIFICATION
Cape Cod Canal

Sheet 6 of 19



VICINITY MAP

LEGEND

— —	Federal Navigation Channel	✳	Fixed Navigation Aids
-·-·	Channel Center Line	!	Red Navigation Buoy*
······	Cable or Pipeline Area	!	Green Navigation Buoy*
—	Marine Infrastructure *	🟥	Shoaling Area
—	Contour Line	●	Shoalest Sounding**
☒	Obstruction Point		

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

GRAPHIC SCALE

200 0 200 400

1" = 200' Feet

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: Kennebec
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: 50'
Field Books: R&H 4986
Survey No.: MA_36_CCC_20260120_CS_005
Reference NOAA Chart No.: US4MA14M

The information depicted on these charts represents the results of surveys made on the dates indicated, and can only be considered as indicating the conditions existing at that time.

General Notes

The sounding information shown on this map represents the SHOALEST soundings of those obtained from hydrographic surveys conducted during January 2026. The positions of aids to navigation were located during survey operations, are provided for information only and should not be used for navigation. Orthoimagery is from a variety of sources and dates and is intended to portray general characteristics of the shoreline and other features. Temporal changes may have occurred since this dataset was collected and some parts may no longer be an accurate representation of the conditions. The information depicted on this map should NOT be used to determine volumes as volumes are determined from more sounding information than shown.

Project Remarks

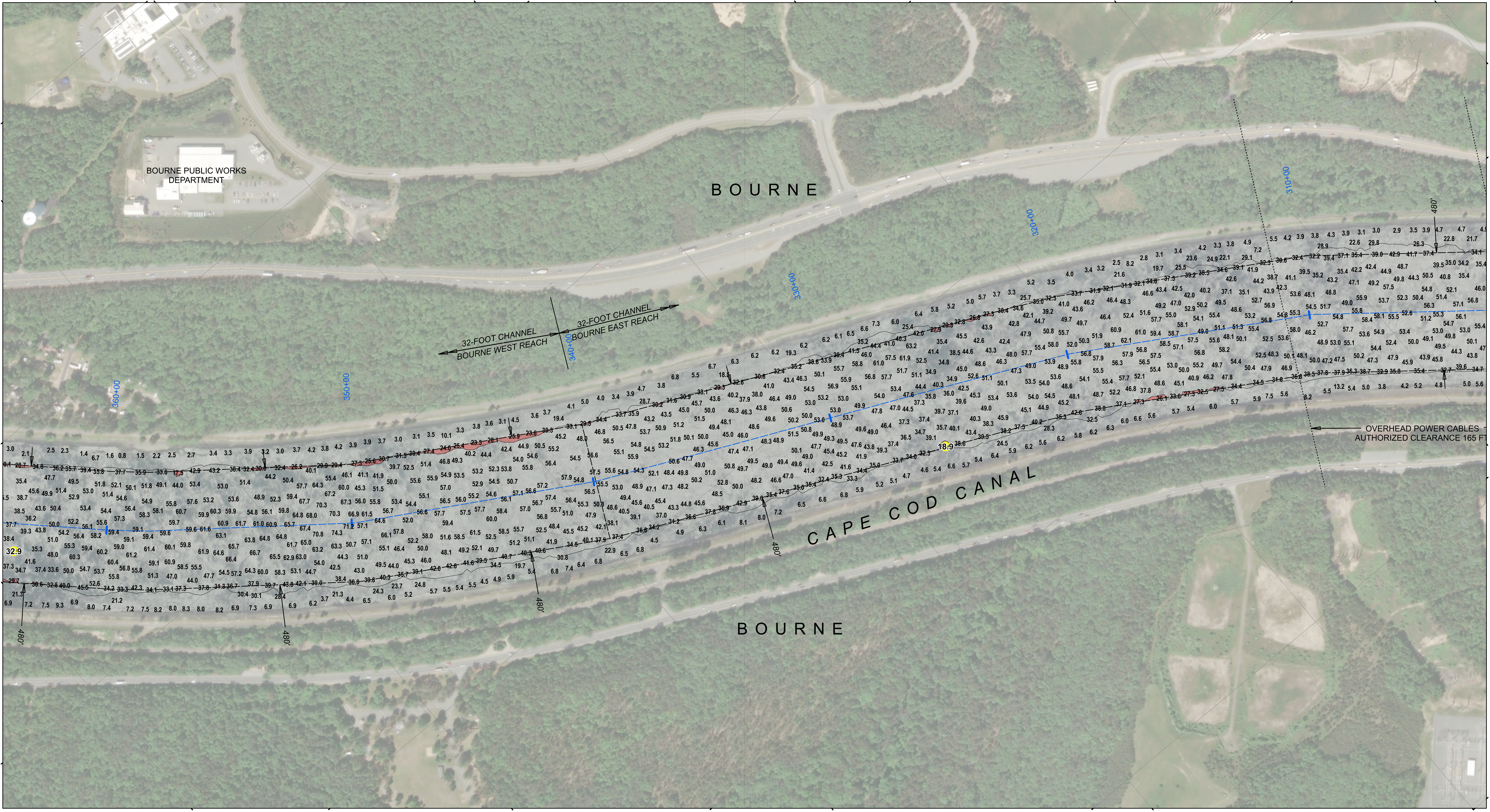
Federal navigation project not surveyed in its entirety. Marine infrastructure surveyed with ship mounted lidar.

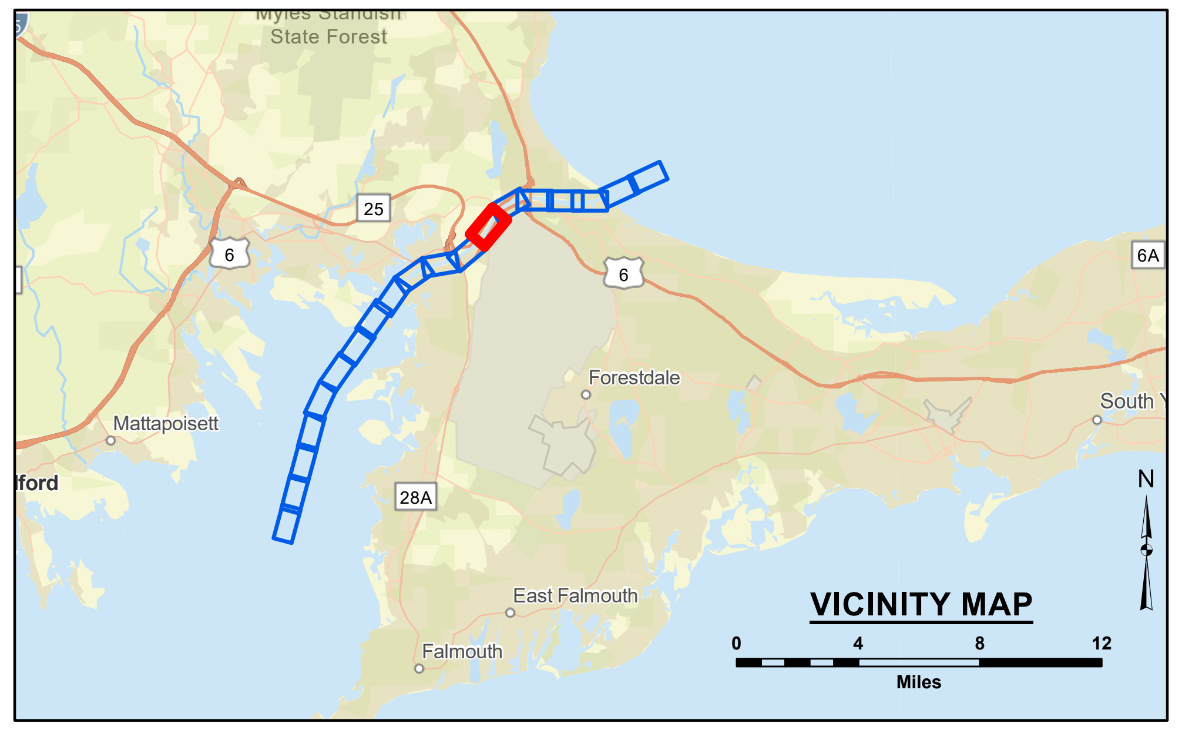
Water Level Information

Tides were recorded using RTK GPS. NAVD88 to MLLW corrections were logged utilizing NOAA's V-Datum regional model Maine/New Hampshire/Massachusetts Version 2.3. The corrections in the project area range from 2.26 feet to 5.67 feet. MLLW is below NAVD88; therefore, the correction should be added to NAVD88 to convert to MLLW (e.g.-10 NAV88 = -8 MLLW when using a 2-foot correction).

Revision Number: 5.24.09.03-5.24.09.03

CORPS OF ENGINEERS U.S. ARMY





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*
- 🟥 Shoaling Area
- ● Shoalest Sounding**

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

GRAPHIC SCALE
200 0 200 400
1" = 200' Feet

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: Kennebec
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: 50'
Field Books: R&H 4986
Survey No.: MA_36_CCC_20260120_CS_005
Reference NOAA Chart No.: US4MA14M

The information depicted on these charts represents the results of surveys made on the dates indicated, and can only be considered as indicating the conditions existing at that time.

General Notes
The sounding information shown on this map represents the SHOALEST soundings of those obtained from hydrographic surveys conducted during January 2026. The positions of aids to navigation were located during survey operations, are provided for information only and should not be used for navigation. Orthoimagery is from a variety of sources and dates and is intended to portray general characteristics of the shoreline and other features. Temporal changes may have occurred since this dataset was collected and some parts may no longer be an accurate representation of the conditions. The information depicted on this map should NOT be used to determine volumes as volumes are determined from more sounding information than shown.

Project Remarks
Federal navigation project not surveyed in its entirety. Marine infrastructure surveyed with ship mounted lidar.

Water Level Information
Tides were recorded using RTK GPS. NAVD88 to MLLW corrections were logged utilizing NOAA's V-Datum regional model Maine/New Hampshire/Massachusetts Version 2.3. The corrections in the project area range from 2.26 feet to 5.67 feet. MLLW is below NAVD88; therefore, the correction should be added to NAVD88 to convert to MLLW (e.g.-10 NAV88 = -8 MLLW when using a 2-foot correction).

US Army Corps
of Engineers
District: CENAE

DISCLAIMER
Access Constraints: The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the US Government makes no warranties, expressed or implied concerning the accuracy, completeness, readability, usability or suitability for any particular purpose of the information and the data furnished. The United States shall be under no liability whatsoever to any person by reason of any use made thereof. These data belong to the Government. Therefore the recipient fully agrees not to represent these data to anyone as other than Government provided data. The recipient may not transfer these data to others without also transferring this Disclaimer.

Distribution Liability: The data represents the results of data collection/processing for a specific US Army Corps of Engineers activity and indicates the general existing conditions. As such, it is only valid for its intended use, content, time and accuracy specifications. The user is responsible for the results of any of the application of this data for other than its intended purpose.

U.S. ARMY CORPS OF ENGINEERS
NEW ENGLAND DISTRICT

SURVEYED BY: MJO
CHECKED BY: BTM
ISSUE DATE: 2/11/2026
SUBMITTED BY: Joshua Bromberg
APPROVED BY: NAE Survey
SIZE: ANSI D
MAP DOCUMENT: MA_36_CCC_20260120_CS_005

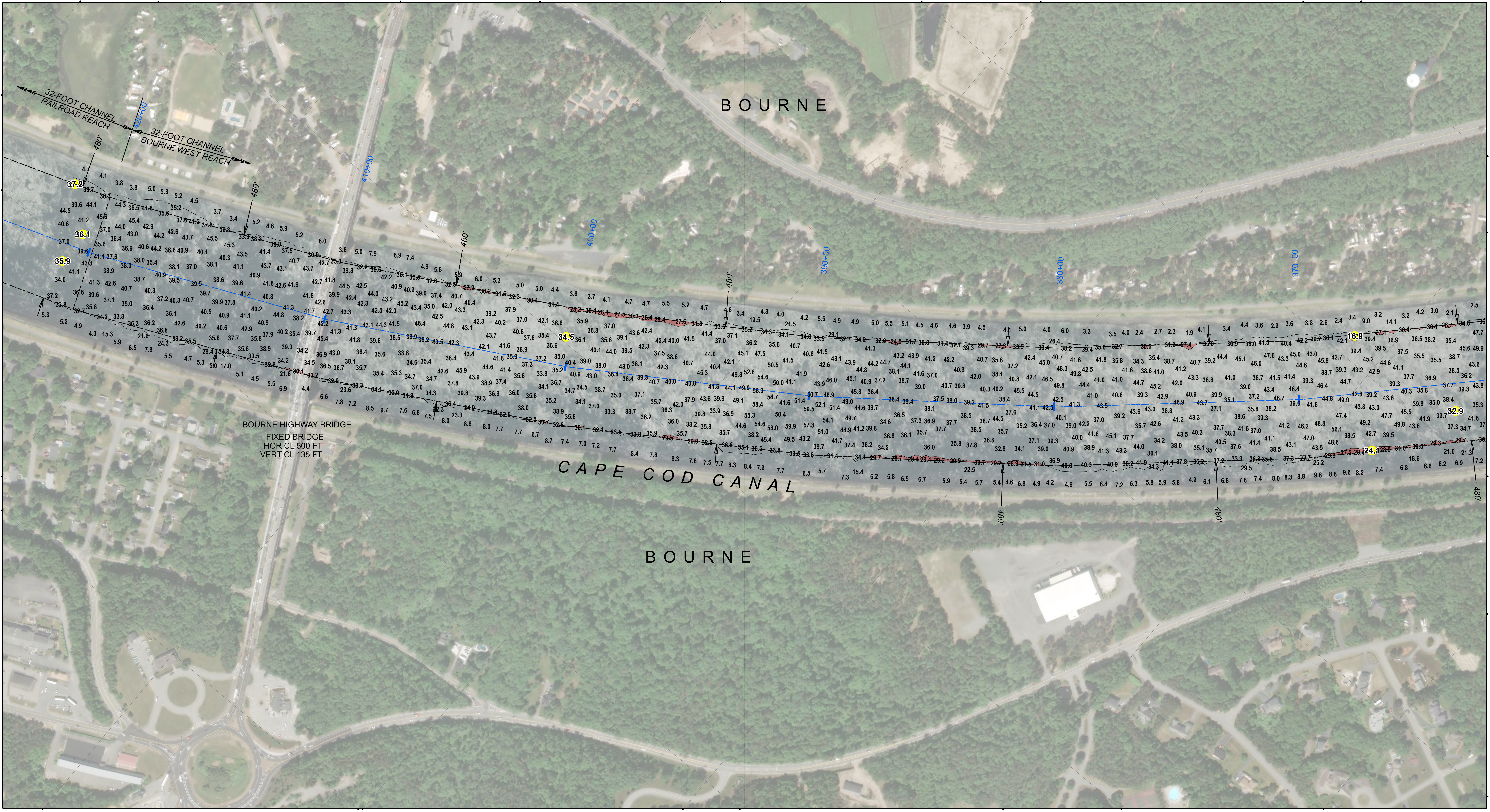
CAPE COD CANAL
SANDWICH TO WAREHAM,
MASSACHUSETTS
CONDITION SURVEY

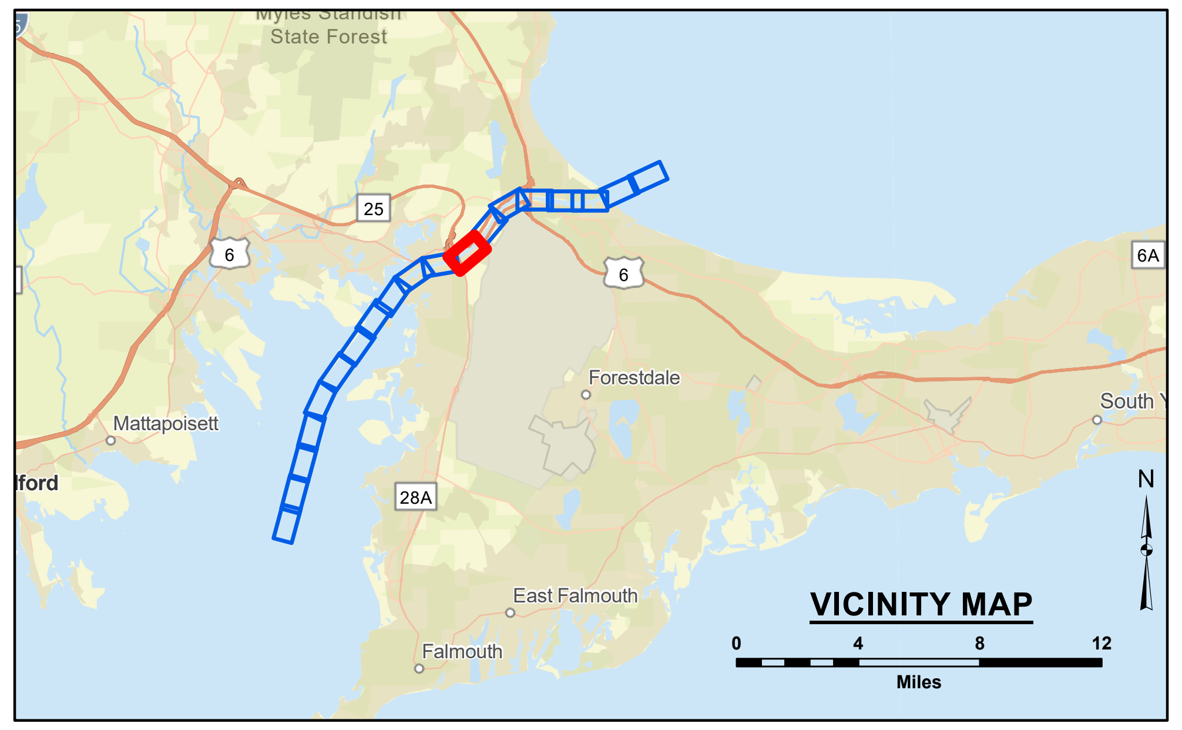
32-FOOT CHANNELS
18, 25, AND 32-FOOT MOORING BASINS
File Name: MA_36_CCC_20260120_CS_005

SHEET
IDENTIFICATION
Cape Cod Canal

Sheet 7 of 19

Revision Number: 5.24.09.03-5.24.09.03

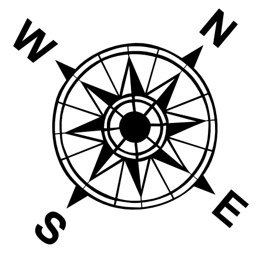




LEGEND

- --- 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*
- 🟥 Shoaling Area
- ● Shoalest Sounding**

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



GRAPHIC SCALE

200 0 200 400

1" = 200' Feet

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: Kennebec
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: 50'
Field Books: R&H 4986
Survey No.: MA_36_CCC_20260120_CS_005
Reference NOAA Chart No.: US4MA14M

The information depicted on these charts represents the results of surveys made on the dates indicated, and can only be considered as indicating the conditions existing at that time.

General Notes

The sounding information shown on this map represents the SHOALEST soundings of those obtained from hydrographic surveys conducted during January 2026. The positions of aids to navigation were located during survey operations, are provided for information only and should not be used for navigation. Orthoimagery is from a variety of sources and dates and is intended to portray general characteristics of the shoreline and other features. Temporal changes may have occurred since this dataset was collected and some parts may no longer be an accurate representation of the conditions. The information depicted on this map should NOT be used to determine volumes as volumes are determined from more sounding information than shown.

Project Remarks

Federal navigation project not surveyed in its entirety. Marine infrastructure surveyed with ship mounted lidar.

Water Level Information

Tides were recorded using RTK GPS. NAVD88 to MLLW corrections were logged utilizing NOAA's V-Datum regional model Maine/New Hampshire/Massachusetts Version 2.3. The corrections in the project area range from 2.26 feet to 5.67 feet. MLLW is below NAVD88; therefore, the correction should be added to NAVD88 to convert to MLLW (e.g.-10 NAV88 = -8 MLLW when using a 2-foot correction).

US Army Corps
of Engineers
District: CENAE

DISCLAIMER

Access Constraints: The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the US Government makes no warranties, expressed or implied concerning the accuracy, completeness, readability, usability or suitability for any particular purpose of the information and the data furnished. The United States shall be under no liability whatsoever to any person by reason of any use made thereof. These data belong to the Government. Therefore the recipient fully agrees not to represent these data to anyone as other than Government provided data. The recipient may not transfer these data to others without also transferring this Disclaimer.

Distribution Liability: The data represents the results of data collection/processing for a specific US Army Corps of Engineers activity and indicates the general existing conditions. As such, it is only valid for its intended use, content, time and accuracy specifications. The user is responsible for the results of any of the application of this data for other than its intended purpose.

U.S. ARMY CORPS OF ENGINEERS
NEW ENGLAND DISTRICT

SUBMITTED BY: Joshua Bromberg
APPROVED BY: NAE Survey
SURVEYED BY: MJO
CHECKED BY: BTM
ISSUE DATE: 2/11/2026
MAP DOCUMENT: MA_36_CCC_20260120_CS_005
SIZE: ANSI D

CAPE COD CANAL
SANDWICH TO WAREHAM,
MASSACHUSETTS
CONDITION SURVEY

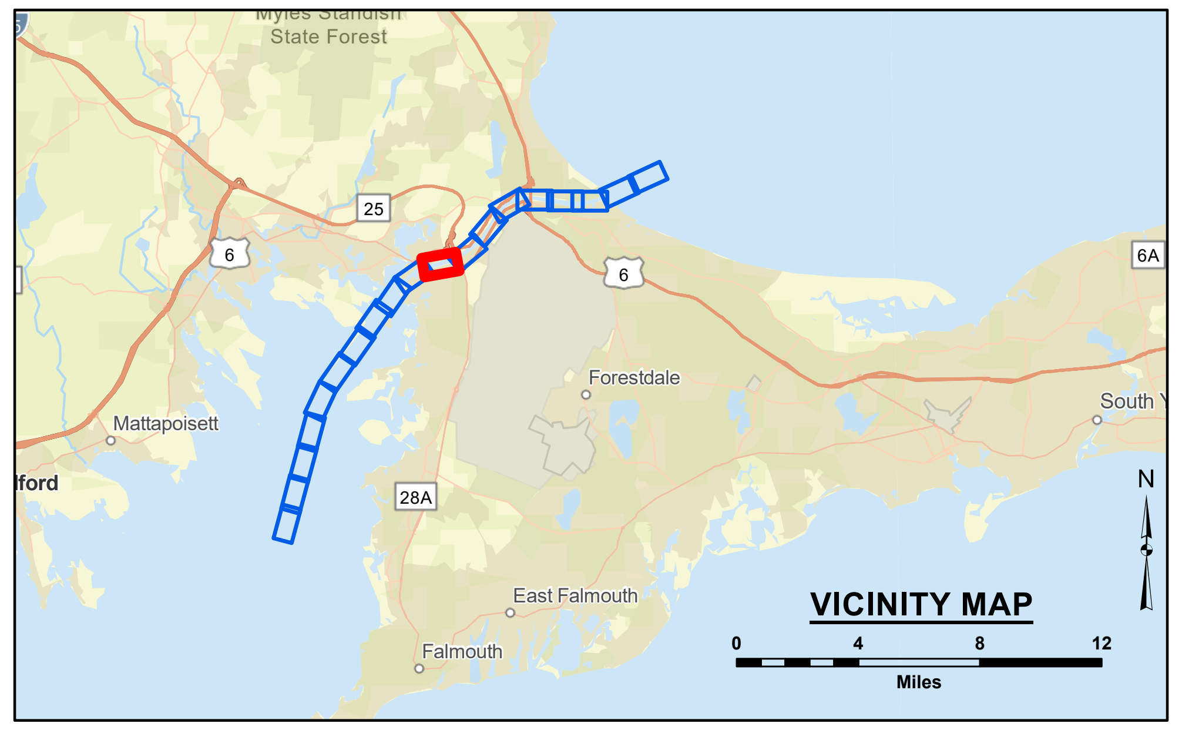
32-FOOT CHANNELS
18, 25, AND 32-FOOT MOORING BASINS

File Name: **MA_36_CCC_20260120_CS_005**

SHEET
IDENTIFICATION
Cape Cod Canal

Sheet 8 of 19

Revision Number: 5.24.09.03-5.24.09.03



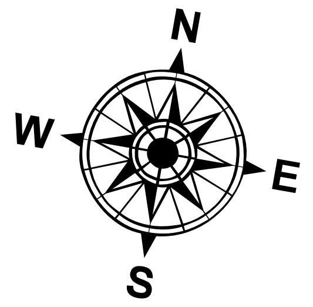
VICINITY MAP

0 4 8 12 Miles

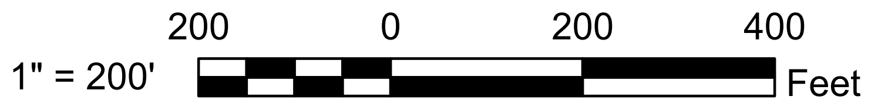
LEGEND

- - - 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*
🟥 Shoaling Area
● Shoalest Sounding**

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



GRAPHIC SCALE



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: Kennebec
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: 50'
Field Books: R&H 4986
Survey No.: MA_36_CCC_20260120_CS_005
Reference NOAA Chart No.: US4MA14M

The information depicted on these charts represents the results of surveys made on the dates indicated, and can only be considered as indicating the conditions existing at that time.

General Notes

The sounding information shown on this map represents the SHOALEST soundings of those obtained from hydrographic surveys conducted during January 2026. The positions of aids to navigation were located during survey operations, are provided for information only and should not be used for navigation. Orthoimagery is from a variety of sources and dates and is intended to portray general characteristics of the shoreline and other features. Temporal changes may have occurred since this dataset was collected and some parts may no longer be an accurate representation of the conditions. The information depicted on this map should NOT be used to determine volumes as volumes are determined from more sounding information than shown.

Project Remarks

Federal navigation project not surveyed in its entirety. Marine infrastructure surveyed with ship mounted lidar.

Water Level Information

Tides were recorded using RTK GPS. NAVD88 to MLLW corrections were logged utilizing NOAA's V-Datum regional model Maine/New Hampshire/Massachusetts Version 2.3. The corrections in the project area range from 2.26 feet to 5.67 feet. MLLW is below NAVD88; therefore, the correction should be added to NAVD88 to convert to MLLW (e.g.-10 NAV88 = -8 MLLW when using a 2-foot correction).

US Army Corps of Engineers
District: CENAE

DISCLAIMER
Access Constraints: The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the US Government makes no warranties, expressed or implied concerning the accuracy, completeness, readability, usability or suitability for any particular purpose of the information and the data furnished. The United States shall be under no liability whatsoever to any person by reason of any use made thereof. These data belong to the Government. Therefore the recipient fully agrees not to represent these data to anyone as other than Government provided data. The recipient may not transfer these data to others without also transferring this Disclaimer.

Distribution Liability: The data represents the results of data collection/processing for a specific US Army Corps of Engineers activity and indicates the general existing conditions. As such, it is only valid for its intended use, content, time and accuracy specifications. The user is responsible for the results of any of the application of this data for other than its intended purpose.

U.S. ARMY CORPS OF ENGINEERS
NEW ENGLAND DISTRICT

SUBMITTED BY: Joshua Bromberg
APPROVED BY: NAE Survey
SURVEYED BY: MJO
CHECKED BY: BTM
ISSUE DATE: 2/11/2026
SIZE: ANSI D
MAP DOCUMENT: MA_36_CCC_20260120_CS_005

CAPE COD CANAL
SANDWICH TO WAREHAM, MASSACHUSETTS
CONDITION SURVEY

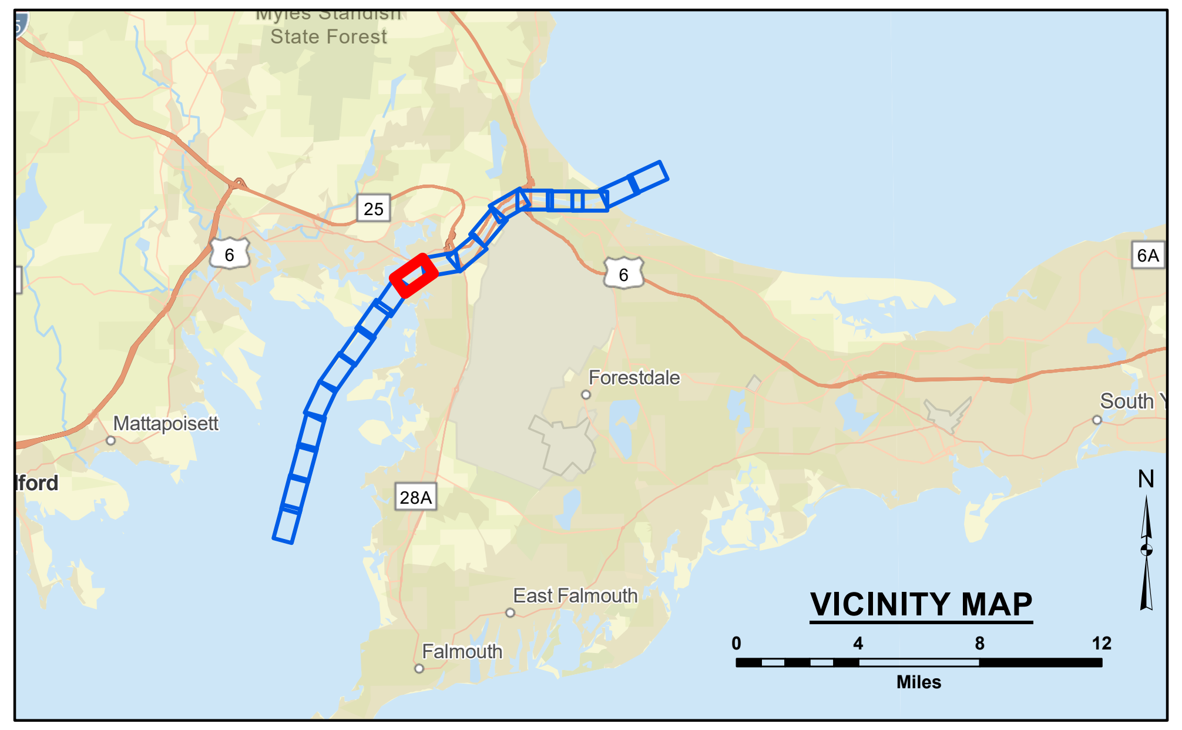
32-FOOT CHANNELS
18, 25, AND 32-FOOT MOORING BASINS

File Name: **MA_36_CCC_20260120_CS_005**

SHEET IDENTIFICATION
Cape Cod Canal

Sheet 9 of 19

Revision Number: 5.24.09.03-5.24.09.03



VICINITY MAP

LEGEND

— —	Federal Navigation Channel	✳	Fixed Navigation Aids
-·-	Channel Center Line	!	Red Navigation Buoy*
······	Cable or Pipeline Area	!	Green Navigation Buoy*
—	Marine Infrastructure *	🟥	Shoaling Area
—	Contour Line	●	Shoalest Sounding**
⊠	Obstruction Point		

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

GRAPHIC SCALE

200 0 200 400

1" = 200' Feet

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: Kennebec
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: 50'
Field Books: R&H 4986
Survey No.: MA_36_CCC_20260120_CS_005
Reference NOAA Chart No.: US4MA14M

The information depicted on these charts represents the results of surveys made on the dates indicated, and can only be considered as indicating the conditions existing at that time.

General Notes

The sounding information shown on this map represents the SHOALEST soundings of those obtained from hydrographic surveys conducted during January 2026. The positions of aids to navigation were located during survey operations, are provided for information only and should not be used for navigation. Orthoimagery is from a variety of sources and dates and is intended to portray general characteristics of the shoreline and other features. Temporal changes may have occurred since this dataset was collected and some parts may no longer be an accurate representation of the conditions. The information depicted on this map should NOT be used to determine volumes as volumes are determined from more sounding information than shown.

Project Remarks

Federal navigation project not surveyed in its entirety. Marine infrastructure surveyed with ship mounted lidar.

Water Level Information

Tides were recorded using RTK GPS. NAVD88 to MLLW corrections were logged utilizing NOAA's V-Datum regional model Maine/New Hampshire/Massachusetts Version 2.3. The corrections in the project area range from 2.26 feet to 5.67 feet. MLLW is below NAVD88; therefore, the correction should be added to NAVD88 to convert to MLLW (e.g.-10 NAV88 = -8 MLLW when using a 2-foot correction).

US Army Corps
of Engineers
District: CENAE

DISCLAIMER
Access Constraints: The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the US Government makes no warranties, expressed or implied concerning the accuracy, completeness, readability, usability or suitability for any particular purpose of the information and the data furnished. The United States shall be under no liability whatsoever to any person by reason of any use made thereof. These data belong to the Government. Therefore the recipient fully agrees not to represent these data to anyone as other than Government provided data. The recipient may not transfer these data to others without also transferring this Disclaimer.

Distribution Liability: The data represents the results of data collection/processing for a specific US Army Corps of Engineers activity and indicates the general existing conditions. As such, it is only valid for its intended use, content, time and accuracy specifications. The user is responsible for the results of any of the application of this data for other than its intended purpose.

U.S. ARMY CORPS OF ENGINEERS
NEW ENGLAND DISTRICT

SUBMITTED BY: Joshua Bromberg
APPROVED BY: NAE Survey
SURVEYED BY: MJO
CHECKED BY: BTM
ISSUE DATE: 2/11/2026
SIZE: ANSI D
MAP DOCUMENT: MA_36_CCC_20260120_CS_005

CAPE COD CANAL
SANDWICH TO WAREHAM,
MASSACHUSETTS
CONDITION SURVEY

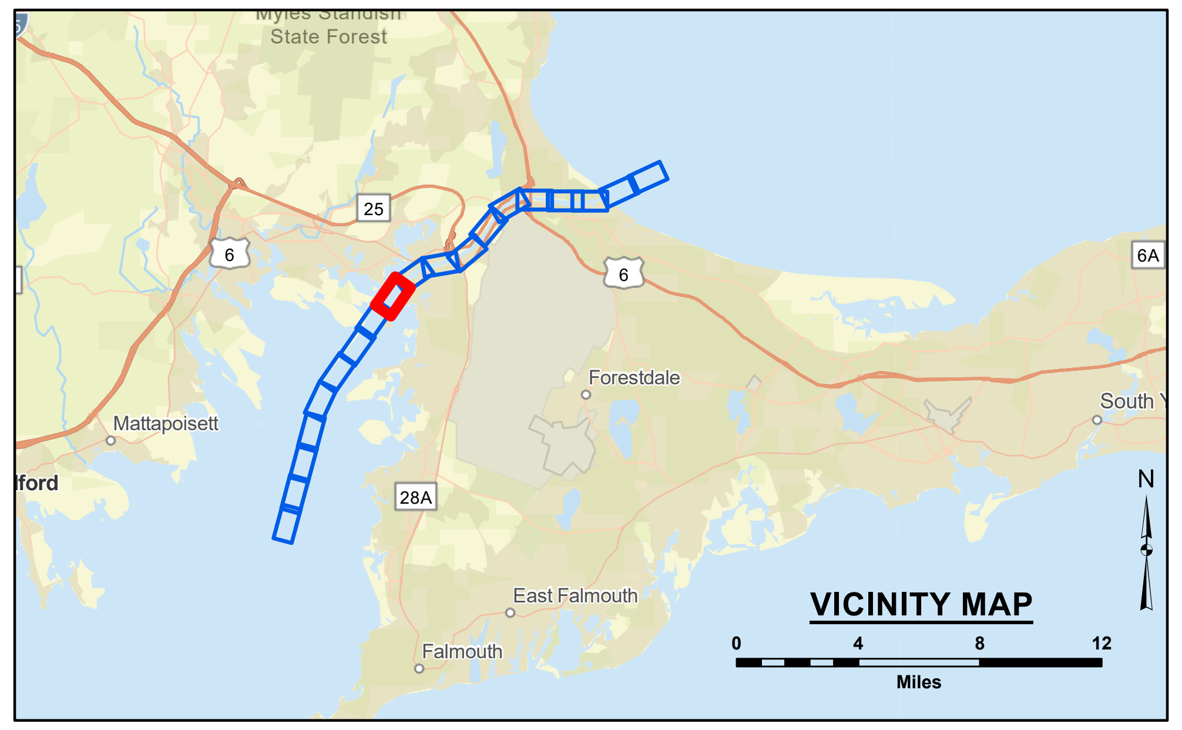
32-FOOT CHANNELS
18, 25, AND 32-FOOT MOORING BASINS

File Name: MA_36_CCC_20260120_CS_005

SHEET
IDENTIFICATION
Cape Cod Canal

Sheet 10 of 19

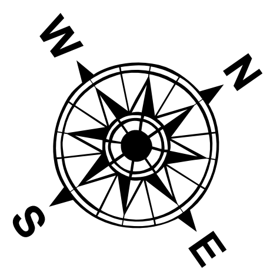
Revision Number: 5.24.09.03-5.24.09.03



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*
- 🟥 Shoaling Area
- ● Shoalest Sounding**

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



GRAPHIC SCALE

200 0 200 400

1" = 200' Feet

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: Kennebec
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: 50'
Field Books: R&H 4986
Survey No.: MA_36_CCC_20260120_CS_005
Reference NOAA Chart No.: US4MA14M

The information depicted on these charts represents the results of surveys made on the dates indicated, and can only be considered as indicating the conditions existing at that time.

General Notes

The sounding information shown on this map represents the SHOALEST soundings of those obtained from hydrographic surveys conducted during January 2026. The positions of aids to navigation were located during survey operations, are provided for information only and should not be used for navigation. Orthoimagery is from a variety of sources and dates and is intended to portray general characteristics of the shoreline and other features. Temporal changes may have occurred since this dataset was collected and some parts may no longer be an accurate representation of the conditions. The information depicted on this map should NOT be used to determine volumes as volumes are determined from more sounding information than shown.

Project Remarks

Federal navigation project not surveyed in its entirety. Marine infrastructure surveyed with ship mounted lidar.

Water Level Information

Tides were recorded using RTK GPS. NAVD88 to MLLW corrections were logged utilizing NOAA's V-Datum regional model Maine/New Hampshire/Massachusetts Version 2.3. The corrections in the project area range from 2.26 feet to 5.67 feet. MLLW is below NAVD88; therefore, the correction should be added to NAVD88 to convert to MLLW (e.g.-10 NAV88 = -8 MLLW when using a 2-foot correction).

US Army Corps of Engineers
District: CENAE

DISCLAIMER
Access Constraints: The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the US Government makes no warranties, expressed or implied concerning the accuracy, completeness, readability, usability or suitability for any particular purpose of the information and the data furnished. The United States shall be under no liability whatsoever to any person by reason of any use made thereof. These data belong to the Government. Therefore the recipient fully agrees not to represent these data to anyone as other than Government provided data. The recipient may not transfer these data to others without also transferring this Disclaimer.

Distribution Liability: The data represents the results of data collection/processing for a specific US Army Corps of Engineers activity and indicates the general existing conditions. As such, it is only valid for its intended use, content, time and accuracy specifications. The user is responsible for the results of any of the application of this data for other than its intended purpose.

U.S. ARMY CORPS OF ENGINEERS
NEW ENGLAND DISTRICT

SURVEYED BY: MJO
CHECKED BY: BTM
ISSUE DATE: 2/11/2026
SUBMITTED BY: Joshua Bromberg
APPROVED BY: NAE Survey
SIZE: ANSI D
MAP DOCUMENT: MA_36_CCC_20260120_CS_005

CAPE COD CANAL
SANDWICH TO WAREHAM, MASSACHUSETTS
CONDITION SURVEY

32-FOOT CHANNELS
18, 25, AND 32-FOOT MOORING BASINS

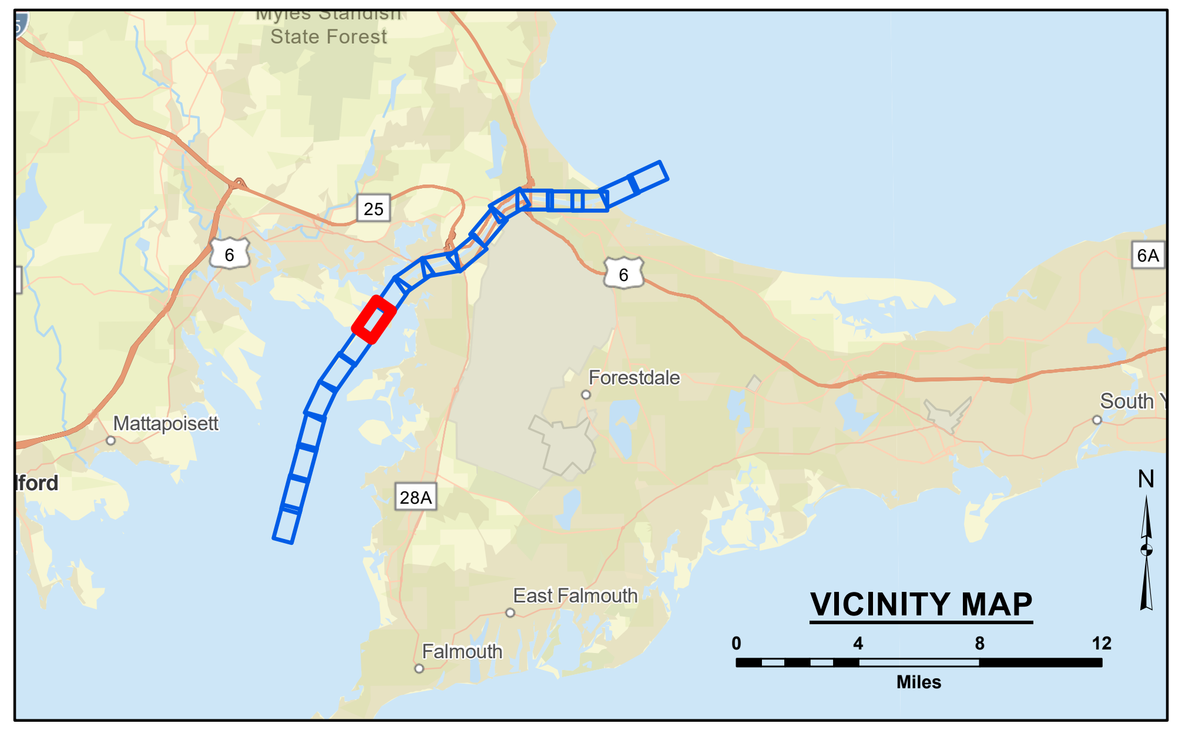
File Name: MA_36_CCC_20260120_CS_005

SHEET IDENTIFICATION
Cape Cod Canal

Sheet 11 of 19

Revision Number: 5.24.09.03-5.24.09.03

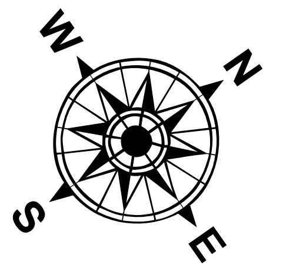
CORPS OF ENGINEERS U.S. ARMY



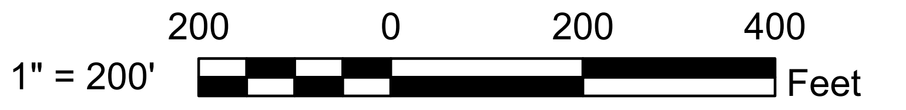
LEGEND

- 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*
- Shoaling Area
- Shoalest Sounding**

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



GRAPHIC SCALE



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: Kennebec
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: 50'
Field Books: R&H 4986
Survey No.: MA_36_CCC_20260120_CS_005
Reference NOAA Chart No.: US4MA14M

The information depicted on these charts represents the results of surveys made on the dates indicated, and can only be considered as indicating the conditions existing at that time.

General Notes

The sounding information shown on this map represents the SHOALEST soundings of those obtained from hydrographic surveys conducted during January 2026. The positions of aids to navigation were located during survey operations, are provided for information only and should not be used for navigation. Orthoimagery is from a variety of sources and dates and is intended to portray general characteristics of the shoreline and other features. Temporal changes may have occurred since this dataset was collected and some parts may no longer be an accurate representation of the conditions. The information depicted on this map should NOT be used to determine volumes as volumes are determined from more sounding information than shown.

Project Remarks

Federal navigation project not surveyed in its entirety. Marine infrastructure surveyed with ship mounted lidar.

Water Level Information

Tides were recorded using RTK GPS. NAVD88 to MLLW corrections were logged utilizing NOAA's V-Datum regional model Maine/New Hampshire/Massachusetts Version 2.3. The corrections in the project area range from 2.26 feet to 5.67 feet. MLLW is below NAVD88; therefore, the correction should be added to NAVD88 to convert to MLLW (e.g.-10 NAV88 = -8 MLLW when using a 2-foot correction).

US Army Corps
of Engineers
District: CENAE

DISCLAIMER
Access Constraints: The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the US Government makes no warranties, expressed or implied concerning the accuracy, completeness, readability, usability or suitability for any particular purpose of the information and the data furnished. The United States shall be under no liability whatsoever to any person by reason of any use made thereof. These data belong to the Government. Therefore the recipient fully agrees not to represent these data to anyone as other than Government provided data. The recipient may not transfer these data to others without also transferring this Disclaimer.

Distribution Liability: The data represents the results of data collection/processing for a specific US Army Corps of Engineers activity and indicates the general existing conditions. As such, it is only valid for its intended use, content, time and accuracy specifications. The user is responsible for the results of any of the application of this data for other than its intended purpose.

U.S. ARMY CORPS OF ENGINEERS
NEW ENGLAND DISTRICT

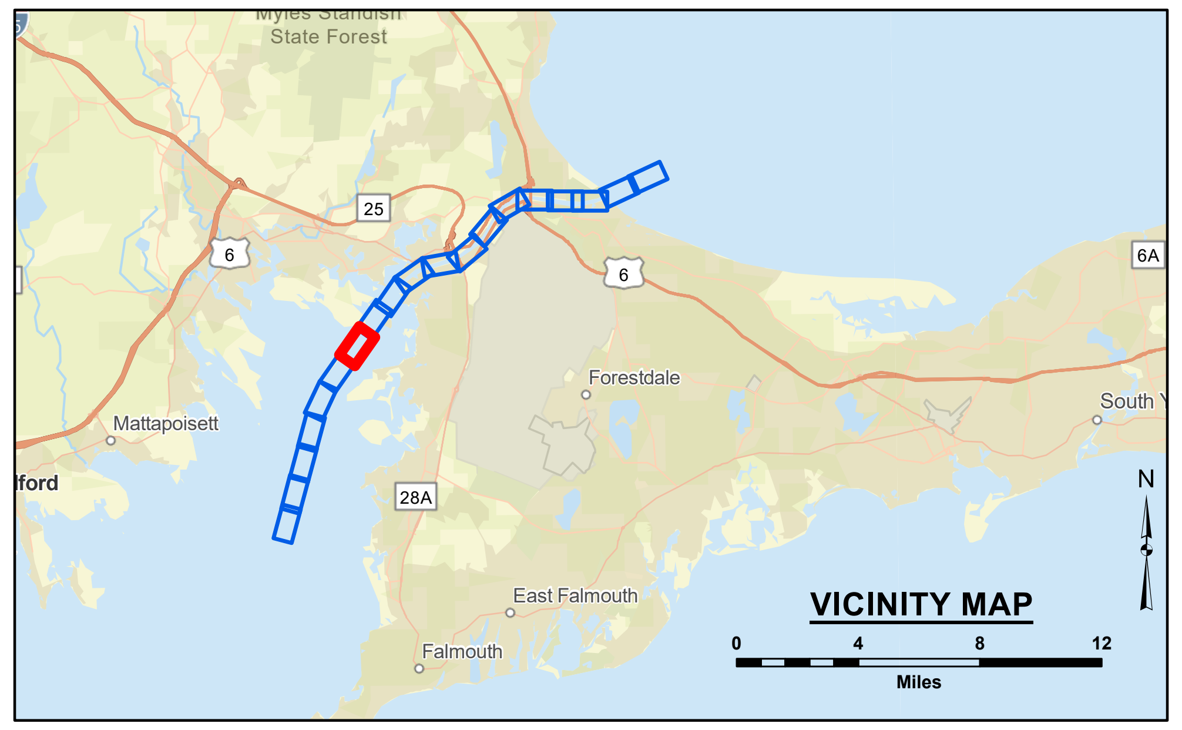
SUBMITTED BY: Joshua Bromberg
APPROVED BY: NAE Survey
SURVEYED BY: MJO
CHECKED BY: BTM
ISSUE DATE: 2/11/2026
SIZE: ANSI D
MAP DOCUMENT: MA_36_CCC_20260120_CS_005

CAPE COD CANAL
SANDWICH TO WAREHAM,
MASSACHUSETTS
CONDITION SURVEY

32-FOOT CHANNELS
18, 25, AND 32-FOOT MOORING BASINS
File Name: MA_36_CCC_20260120_CS_005

SHEET IDENTIFICATION
Cape Cod Canal
Sheet 12 of 19

Revision Number: 5.24.09.03-5.24.09.03

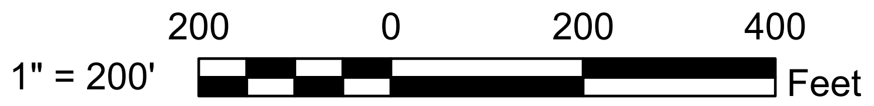


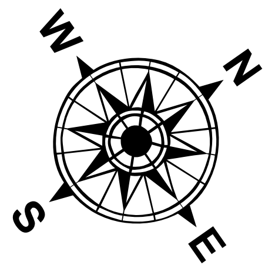
LEGEND

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

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

GRAPHIC SCALE





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: Kennebec
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: 50'
Field Books: R&H 4986
Survey No.: MA_36_CCC_20260120_CS_005
Reference NOAA Chart No.: US4MA14M

The information depicted on these charts represents the results of surveys made on the dates indicated, and can only be considered as indicating the conditions existing at that time.

General Notes

The sounding information shown on this map represents the SHOALEST soundings of those obtained from hydrographic surveys conducted during January 2026. The positions of aids to navigation were located during survey operations, are provided for information only and should not be used for navigation. Orthoimagery is from a variety of sources and dates and is intended to portray general characteristics of the shoreline and other features. Temporal changes may have occurred since this dataset was collected and some parts may no longer be an accurate representation of the conditions. The information depicted on this map should NOT be used to determine volumes as volumes are determined from more sounding information than shown.

Project Remarks

Federal navigation project not surveyed in its entirety. Marine infrastructure surveyed with ship mounted lidar.

Water Level Information

Tides were recorded using RTK GPS. NAVD88 to MLLW corrections were logged utilizing NOAA's V-Datum regional model Maine/New Hampshire/Massachusetts Version 2.3. The corrections in the project area range from 2.26 feet to 5.67 feet. MLLW is below NAVD88; therefore, the correction should be added to NAVD88 to convert to MLLW (e.g.-10 NAV88 = -8 MLLW when using a 2-foot correction).

US Army Corps of Engineers District: CENAE

DISCLAIMER

Access Constraints: The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the US Government makes no warranties, expressed or implied concerning the accuracy, completeness, readability, usability or suitability for any particular purpose of the information and the data furnished. The United States shall be under no liability whatsoever to any person by reason of any use made thereof. These data belong to the Government. Therefore the recipient fully agrees not to represent these data to anyone as other than Government provided data. The recipient may not transfer these data to others without also transferring this Disclaimer.

Distribution Liability: The data represents the results of data collection/processing for a specific US Army Corps of Engineers activity and indicates the general existing conditions. As such, it is only valid for its intended use, content, time and accuracy specifications. The user is responsible for the results of any of the application of this data for other than its intended purpose.

U.S. ARMY CORPS OF ENGINEERS
NEW ENGLAND DISTRICT

SUBMITTED BY: Joshua Bromberg
APPROVED BY: NAE Survey
SURVEYED BY: MJO
CHECKED BY: BTM
ISSUE DATE: 2/11/2026
MAP DOCUMENT: MA_36_CCC_20260120_CS_005
SIZE: ANSI D

CAPE COD CANAL
SANDWICH TO WAREHAM, MASSACHUSETTS
CONDITION SURVEY

32-FOOT CHANNELS
18, 25, AND 32-FOOT MOORING BASINS

File Name: MA_36_CCC_20260120_CS_005

SHEET IDENTIFICATION
Cape Cod Canal

Sheet 13 of 19

Revision Number: 5.24.09.03-5.24.09.03