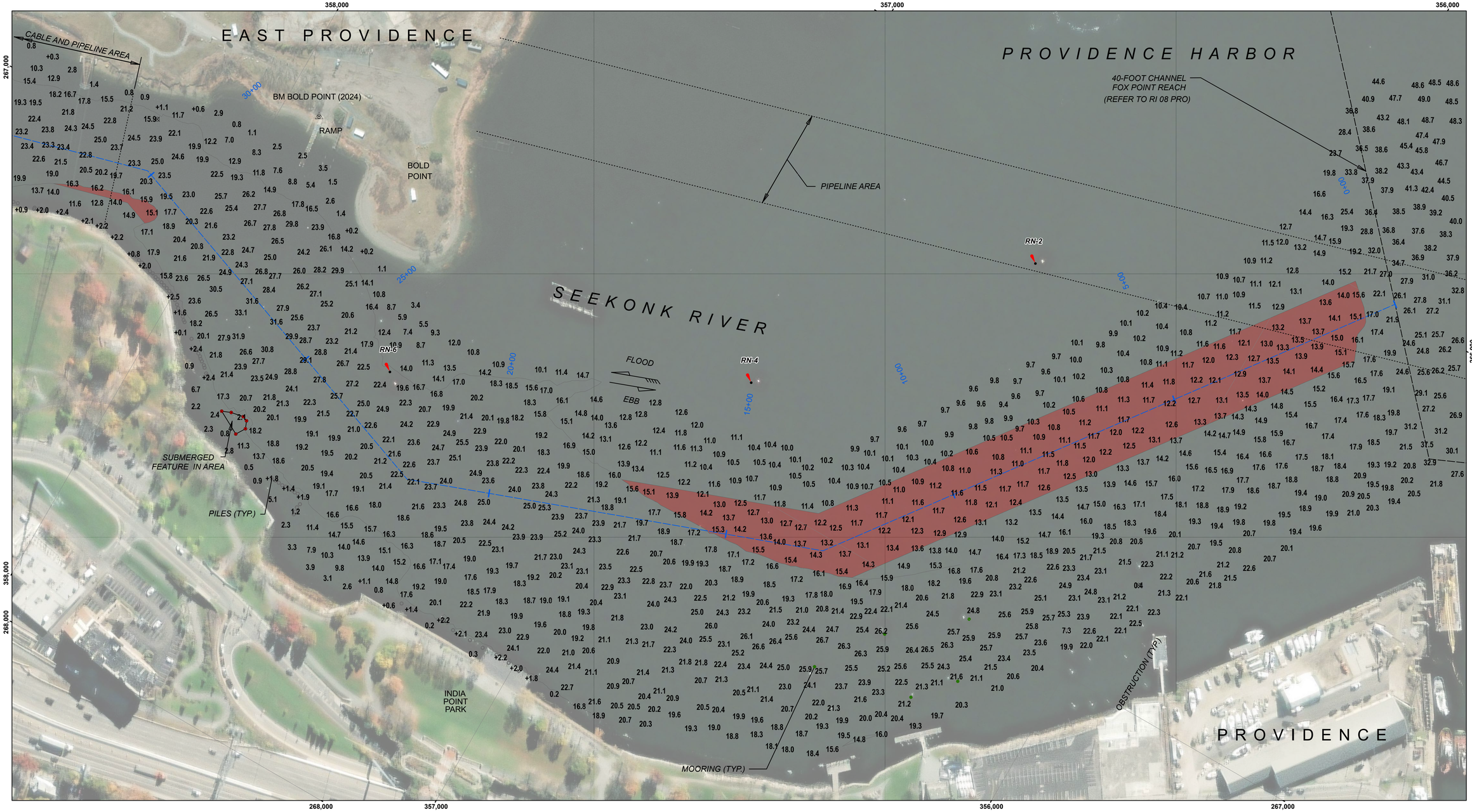
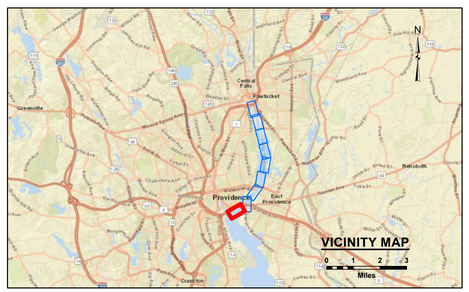




LEGEND

- Federal Navigation Channel
- Cable or Pipe Areas
- Channel Center Line
- Contour Line
- Marine Infrastructure*
- Fixed Navigation Aids
- Obstruction Point
- Red Navigation Buoy
- Green 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

Notes:
Horizontal Datum: Rhode Island, RI-3800 NAD 83
Distance Units: U.S. Survey Feet
Vertical Datum: MLLW
Depth Units: U.S. Survey Feet
Vessel Name: Keegan
Sonar System: Reson T50 (Multibeam Sonar)
Sounding Frequency: 400 kHz
Survey Method: RTK GPS TIDES
GPS_System: Trimble SPS 855 (RTK)
RTK Base Station: MTS Smartnet Max
Software Used: Hypack
Sounding Sort Distance: 30'
Field Books: R&H 4984
Survey No.: RI_05_SEE_20240813_CS_022
Reference NOAA Chart No.: ENC USRI23M & USRI24M

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 August 2024. 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
Submerged vessels, obstructions, piles and features surveyed with sonar and located on plot. Tide checkpoint BM at Bold Point Ramp established during survey.

Water Level Information
Tides were recorded using RTK GPS. NAVD88 to MLLW corrections were logged utilizing NOAA's V-Datum regional model Connecticut/Rhode Island Version 4.4 in the vicinity of Seekonk River. The corrections in the project area range from 2.49 feet to 2.57 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

Distribution Liability: The data represents the results of data collection activities conducted by the Corps of Engineers activity and indicates the general existing conditions. As-built data are compiled from contractor data and are subject to accuracy specifications. The user is responsible for the results of any of the application of this data for other than its intended purpose.

DISCLAIMER
Access Constraints: The United States Government furnishes these data and information without any warranty, express or implied. The user agrees to the foregoing limitations and understanding that the US Government makes no warranties, represented or implied concerning the accuracy, completeness or suitability of the data and information for any particular purpose. The information and the data furnished. The United States shall be under no liability whatsoever to any individual or party for any action made thereof. These data belong to the Government. Therefore the recipient fully agrees not to represent these data to anyone as other than government data. The recipient shall not release or give these data to others without also transferring this Disclaimer.

U.S. ARMY CORPS OF ENGINEERS
NEW ENGLAND DISTRICT

SURVEYED BY: NCD
CHECKED BY: WHW
ISSUE DATE: 8/30/2024
SUBMITTED BY: Zachary McAvoy
APPROVED BY: NAE Survey
SIZE: ANSI D
MAP DOCUMENT: RI_05_SEE_20240813_CS_022

SEEKONK RIVER
PAWTUCKET, PROVIDENCE AND EAST PROVIDENCE, RHODE ISLAND
CONDITION SURVEY

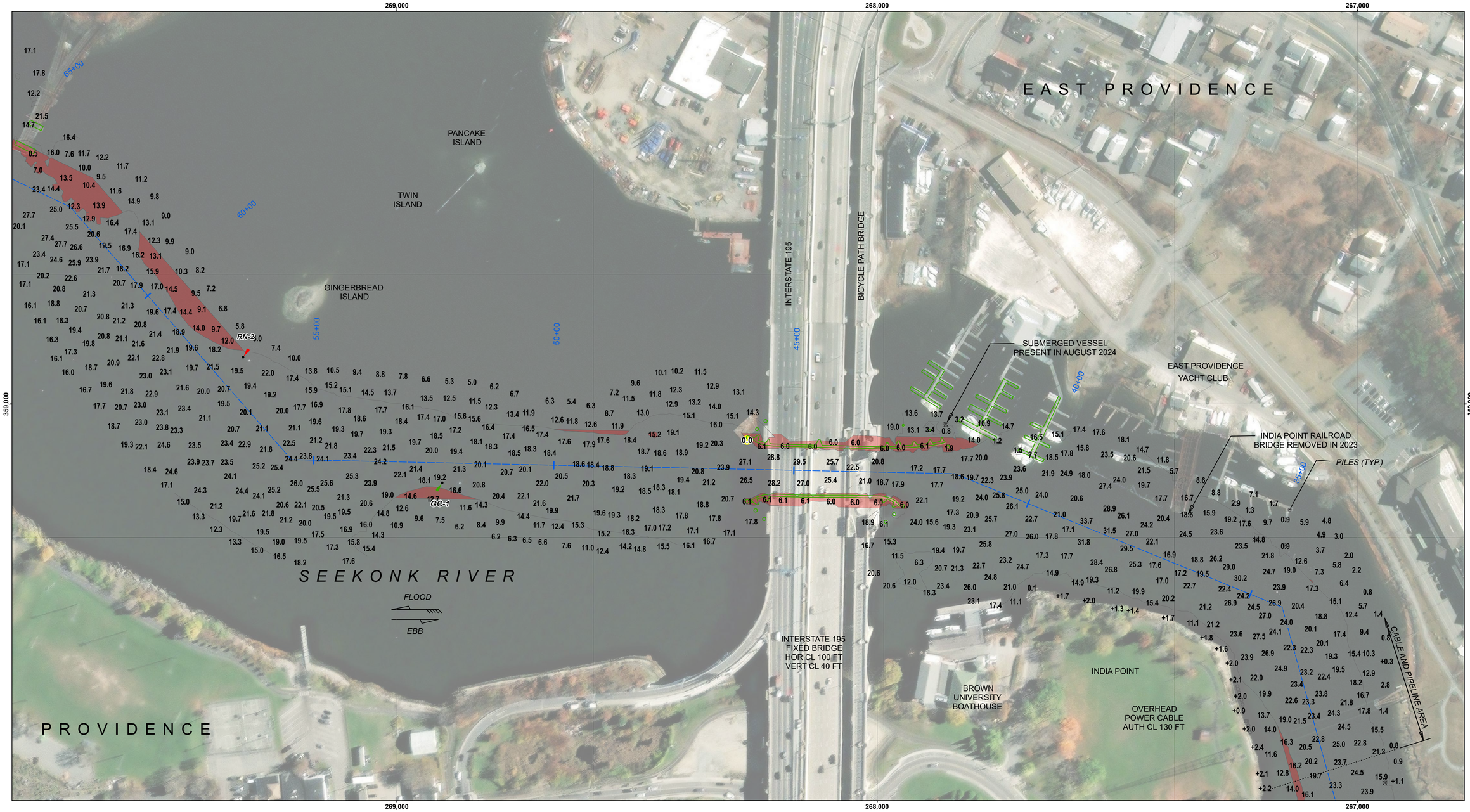
16-FOOT CHANNEL

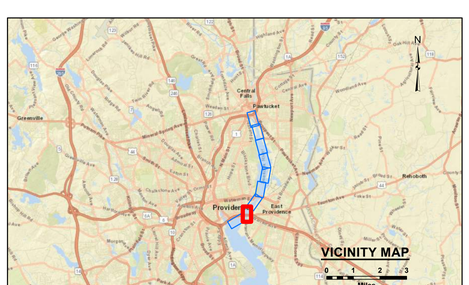
File Name: RI_05_SEE_20240813_CS_022

SHEET IDENTIFICATION
Seekonk River

Sheet 1 of 9

Revision Number: 5.23.12.3-5.23.12.3





LEGEND

- Federal Navigation Channel
- Cable or Pipe Areas
- Channel Center Line
- Contour Line
- Marine Infrastructure*
- Fixed Navigation Aids
- Obstruction Point
- Red Navigation Buoy
- Green 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

Notes:
Horizontal Datum: Rhode Island, RI-3800 NAD 83
Distance Units: U.S. Survey Feet
Vertical Datum: MLLW
Depth Units: U.S. Survey Feet
Vessel Name: Keegan
Sonar System: Reson T50 (Multibeam Sonar)
Sounding Frequency: 400 kHz
Survey Method: RTK GPS TIDES
GPS_System: Trimble SPS 855 (RTK)
RTK Base Station: MTS Smartnet Max
Software Used: Hypack
Sounding Sort Distance: 30'
Field Books: R&H 4984
Survey No.: RI_05_SEE_20240813_CS_022
Reference NOAA Chart No.: ENC USRI23M & USRI24M

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 August 2024. 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
Submerged vessels, obstructions, piles and features surveyed with sonar and located on plot. Tide checkpoint BM at Bold Point Ramp established during survey.

Water Level Information
Tides were recorded using RTK GPS. NAVD88 to MLLW corrections were logged utilizing NOAA's V-Datum regional model Connecticut/Rhode Island Version 4.4 in the vicinity of Seekonk River. The corrections in the project area range from 2.49 feet to 2.57 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

Distribution Liability: The data represents the results of data collection and analysis performed by the Corps of Engineers activity and indicates the general existing conditions. Future changes may substantially affect the results. It is the user's responsibility to determine the results accuracy specifications. The user is responsible for the results of any of the application of this data for other than its intended purpose.

DISCLAIMER
Access Constraints: The United States Government furnishes these data and information without any express or implied warranty concerning its understanding that the US Government makes no warranties, represented or implied concerning the accuracy, completeness, reliability, or suitability of this information. In no event will the United States be liable for any damages resulting from misuse of the information and the data furnished. The United States shall be used to maintain or update its own data sets but cannot warrant the made thereof. These data belong to the Government. Therefore the recipient fully agrees not to represent these data to anyone as other than data received from the Government. The recipient shall not transfer these data to others without also transferring this Disclaimer.

U.S. ARMY CORPS OF ENGINEERS
NEW ENGLAND DISTRICT

SURVEYED BY: NCD
CHECKED BY: WHW
ISSUE DATE: 8/30/2024
SUBMITTED BY: Zachary McAvoy
APPROVED BY: NAE Survey
MAP DOCUMENT: RI_05_SEE_20240813_CS_022
SIZE: ANSI D

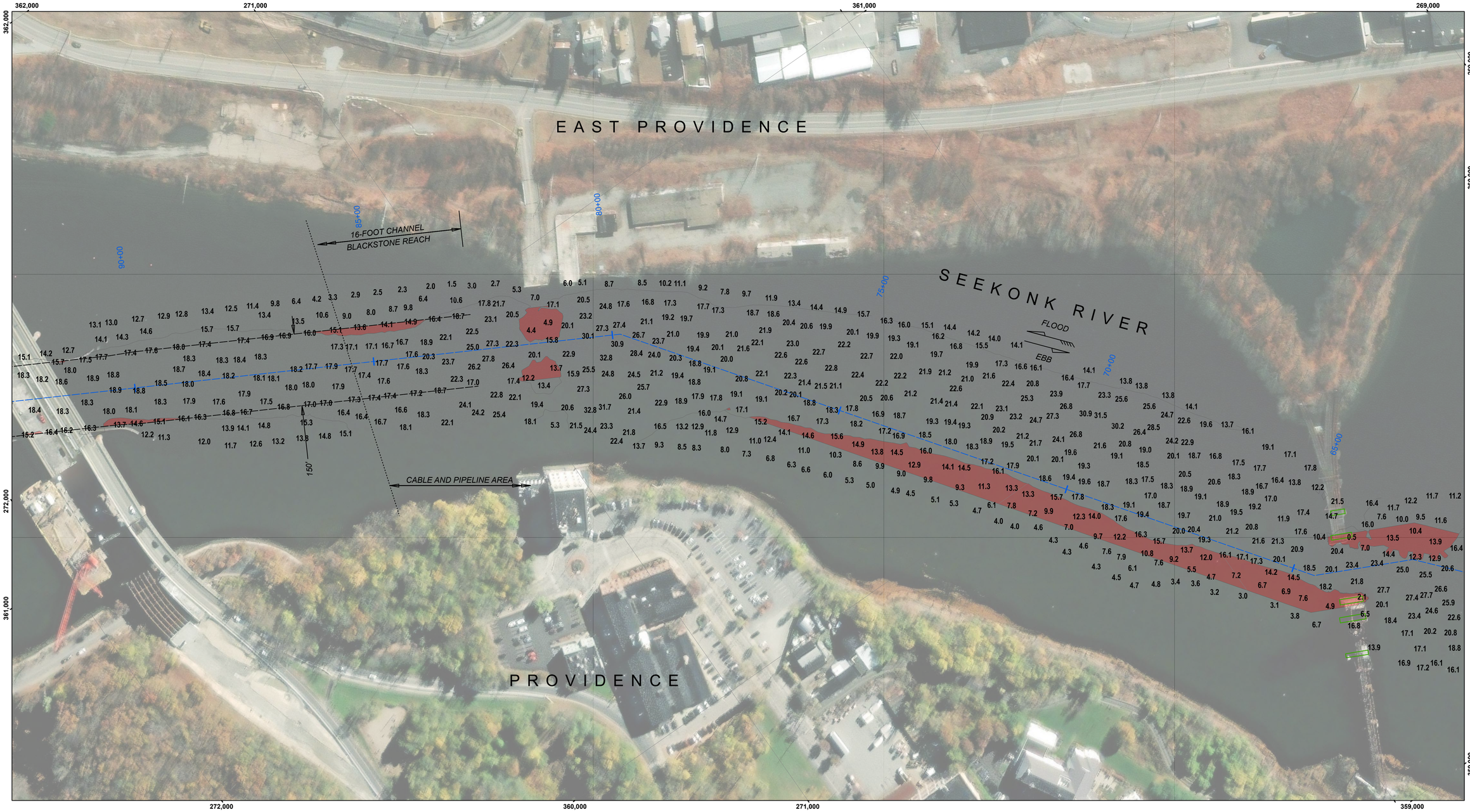
SEEKONK RIVER
PAWTUCKET, PROVIDENCE AND EAST PROVIDENCE, RHODE ISLAND
CONDITION SURVEY

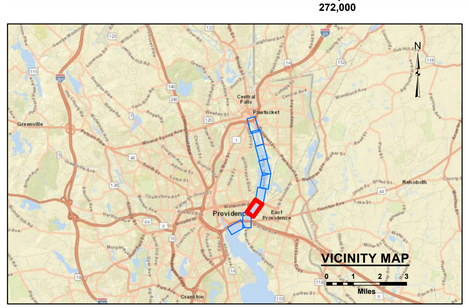
16-FOOT CHANNEL
File Name: RI_05_SEE_20240813_CS_022

SHEET IDENTIFICATION
Seekonk River

Sheet 2 of 9

Revision Number: 5.23.12.3-5.23.12.3





LEGEND

- Federal Navigation Channel
- Cable or Pipe Areas
- Channel Center Line
- Contour Line
- Marine Infrastructure*
- Fixed Navigation Aids
- Obstruction Point
- Red Navigation Buoy
- Green 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

Notes:
Horizontal Datum: Rhode Island, RI-3800 NAD 83
Distance Units: U.S. Survey Feet
Vertical Datum: MLLW
Depth Units: U.S. Survey Feet
Vessel Name: Keegan
Sonar System: Reson T50 (Multibeam Sonar)
Sounding Frequency: 400 kHz
Survey Method: RTK GPS TIDES
GPS_System: Trimble SPS 855 (RTK)
RTK Base Station: MTS Smartnet Max
Software Used: Hypack
Sounding Sort Distance: 30'
Field Books: R&H 4984
Survey No.: RI_05_SEE_20240813_CS_022
Reference NOAA Chart No.: ENC USRI23M & USRI24M

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 August 2024. 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
Submerged vessels, obstructions, piles and features surveyed with sonar and located on plot. Tide checkpoint BM at Bold Point Ramp established during survey.

Water Level Information
Tides were recorded using RTK GPS. NAVD88 to MLLW corrections were logged utilizing NOAA's V-Datum regional model Connecticut/Rhode Island Version 4.4 in the vicinity of Seekonk River. The corrections in the project area range from 2.49 feet to 2.57 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 this map and the data hereon to the recipient with the express understanding that the US Government makes no warranties, expressed or implied concerning the accuracy, completeness, reliability, or suitability for any particular purpose of the information and the data furnished. The United States shall be under no liability whatsoever to any individual or any party for any loss or damage resulting from any inaccuracy or lack of completeness of any data made thereof. These data belong to the Government. Therefore the recipient fully agrees not to represent these data to anyone as other than data furnished by the Government and to indemnify the Government from any claim arising from the use of these data to others without also transferring this Disclaimer.

Distribution Liability: The data represents the results of data collection surveys conducted by the U.S. Army Corps of Engineers activity and indicates the general existing conditions. The user is responsible for verification of the data's quality, currency, and suitability for their intended purpose. 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: NCD
CHECKED BY: WHW
ISSUE DATE: 8/30/2024
SUBMITTED BY: Zachary McAvoy
APPROVED BY: NAE Survey
MAP DOCUMENT: RI_05_SEE_20240813_CS_022
SIZE: ANSI D

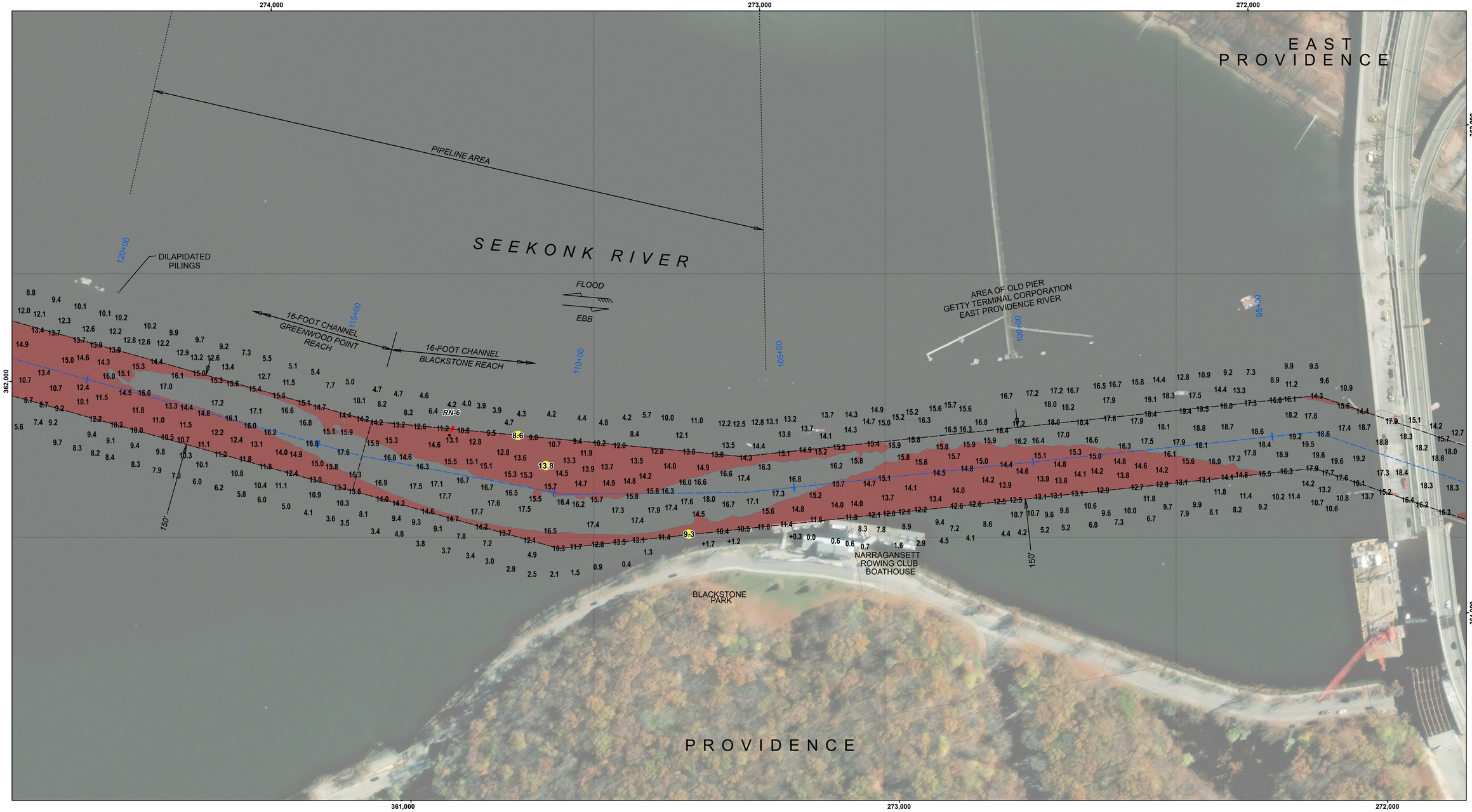
SEEKONK RIVER
PAWTUCKET, PROVIDENCE AND EAST PROVIDENCE, RHODE ISLAND
CONDITION SURVEY

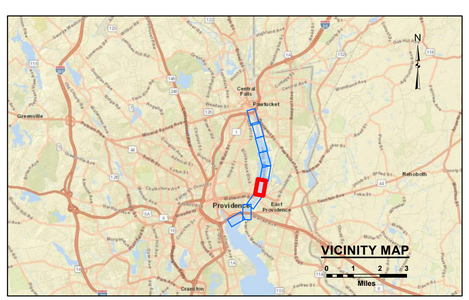
16-FOOT CHANNEL
File Name: **RI_05_SEE_20240813_CS_022**

SHEET IDENTIFICATION
Seekonk River

Sheet 3 of 9

Revision Number: 5.23.12.3-5.23.12.3





LEGEND

- Federal Navigation Channel
- Cable or Pipe Areas
- Channel Center Line
- Contour Line
- Marine Infrastructure*
- Fixed Navigation Aids
- Obstruction Point
- Red Navigation Buoy
- Green 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

Notes:
Horizontal Datum: Rhode Island, RI-3800 NAD 83
Distance Units: U.S. Survey Feet
Vertical Datum: MLLW
Depth Units: U.S. Survey Feet
Vessel Name: Keegan
Sonar System: Reson T50 (Multibeam Sonar)
Sounding Frequency: 400 kHz
Survey Method: RTK GPS TIDES
GPS_System: Trimble SPS 855 (RTK)
RTK Base Station: MTS Smartnet Max
Software Used: Hypack
Sounding Sort Distance: 30'
Field Books: R&H 4984
Survey No.: RI_05_SEE_20240813_CS_022
Reference NOAA Chart No.: ENC USRI23M & USRI24M

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 August 2024. 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
Submerged vessels, obstructions, piles and features surveyed with sonar and located on plot. Tide checkpoint BM at Bold Point Ramp established during survey.

Water Level Information
Tides were recorded using RTK GPS. NAVD88 to MLLW corrections were logged utilizing NOAA's V-Datum regional model Connecticut/Rhode Island Version 4.4 in the vicinity of Seekonk River. The corrections in the project area range from 2.49 feet to 2.57 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 this data without warranty of any kind, either expressed or implied. By accepting this data, the user agrees to the foregoing statement and understanding that the US Government makes no warranties, expressed or implied concerning the accuracy, completeness, reliability, or suitability of this data for any purpose. The user understands that the data furnished. The United States shall be under no liability whatsoever to any individual or party for any loss or damage made thereof. These data belong to the Government. Therefore the recipient fully agrees not to represent these data to anyone as other than Government data. The recipient shall not transfer these data to others without also transferring this Disclaimer.

Distribution Liability: The data represents the results of data collected by the New England District, U.S. Army Corps of Engineers activity and indicates the general existing conditions. The data is provided as a courtesy and is not to be used for navigation purposes. 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: NCD
CHECKED BY: WHW
ISSUE DATE: 8/30/2024
SUBMITTED BY: Zachary McAvoy
APPROVED BY: NAE Survey
SIZE: ANSI D
MAP DOCUMENT: RI_05_SEE_20240813_CS_022

SEEKONK RIVER
PAWTUCKET, PROVIDENCE AND EAST PROVIDENCE, RHODE ISLAND
CONDITION SURVEY

16-FOOT CHANNEL
File Name: RI_05_SEE_20240813_CS_022

SHEET IDENTIFICATION
Seekonk River

Sheet 4 of 9

Revision Number: 5.23.12.3-5.23.12.3

277,000 276,000 275,000

363,000

362,000

EAST PROVIDENCE

PHILLIPSDALE LANDING

GREENWOOD POINT

SUBMERGED VESSEL PRESENT IN AUGUST 2024

145+00 140+00 135+00 130+00 125+00

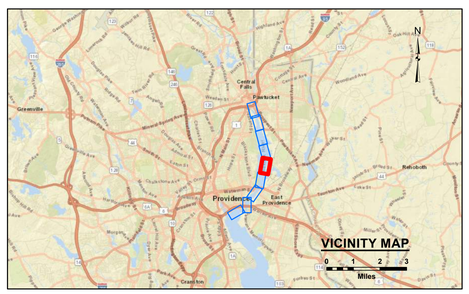
GC-13 RN-8 4-9 5.0

180' 150'

16-FOOT CHANNEL GREENWOOD POINT REACH

SEEKONK RIVER

FLOOD EBB



LEGEND

- Federal Navigation Channel
- Cable or Pipe Areas
- Channel Center Line
- Contour Line
- Marine Infrastructure*
- Fixed Navigation Aids
- Obstruction Point
- Red Navigation Buoy
- Green 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

N E S W

Notes:
Horizontal Datum: Rhode Island, RI-3800 NAD 83
Distance Units: U.S. Survey Feet
Vertical Datum: MLLW
Depth Units: U.S. Survey Feet
Vessel Name: Keegan
Sonar System: Reson T50 (Multibeam Sonar)
Sounding Frequency: 400 kHz
Survey Method: RTK GPS TIDES
GPS_System: Trimble SPS 855 (RTK)
RTK Base Station: MTS Smartnet Max
Software Used: Hypack
Sounding Sort Distance: 30'
Field Books: R&H 4984
Survey No.: RI_05_SEE_20240813_CS_022
Reference NOAA Chart No.: ENC USRI23M & USRI24M

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 August 2024. 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
Submerged vessels, obstructions, piles and features surveyed with sonar and located on plot. Tide checkpoint BM at Bold Point Ramp established during survey.

Water Level Information
Tides were recorded using RTK GPS. NAVD88 to MLLW corrections were logged utilizing NOAA's V-Datum regional model Connecticut/Rhode Island Version 4.4 in the vicinity of Seekonk River. The corrections in the project area range from 2.49 feet to 2.57 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

Distribution Liability: The data represents the results of data collected by the U.S. Army Corps of Engineers, New England District, and indicates the general existing conditions. Engineers activity and indicates the general existing conditions. For a specific application, consultation with the Corps is advised to ensure accuracy specifications. The user is responsible for the results of any of the application of this data for other than its intended purpose.

DISCLAIMER
Access Constraints: The United States Government furnishes this data without warranties of any kind whatsoever, express or implied. It is understanding that the US Government makes no warranties, represented or implied concerning the accuracy, completeness, reliability, or suitability of this data and its derivatives. The user assumes the entire risk as to the quality and performance of the information and the data furnished. The United States shall be under no liability for any special, consequential, or incidental damages made thereof. These data belong to the Government. Therefore the recipient fully agrees not to represent these data to anyone as other than government data. Also, the recipient agrees to pass this disclaimer to these data to others without also transferring this Disclaimer.

U.S. ARMY CORPS OF ENGINEERS
NEW ENGLAND DISTRICT

SURVEYED BY: NCD
CHECKED BY: WHW
ISSUE DATE: 8/30/2024
SUBMITTED BY: Zachary McAvoy
APPROVED BY: NAE Survey
MAP DOCUMENT: RI_05_SEE_20240813_CS_022
SIZE: ANSI D

SEEKONK RIVER
PAWTUCKET, PROVIDENCE AND EAST PROVIDENCE, RHODE ISLAND
CONDITION SURVEY

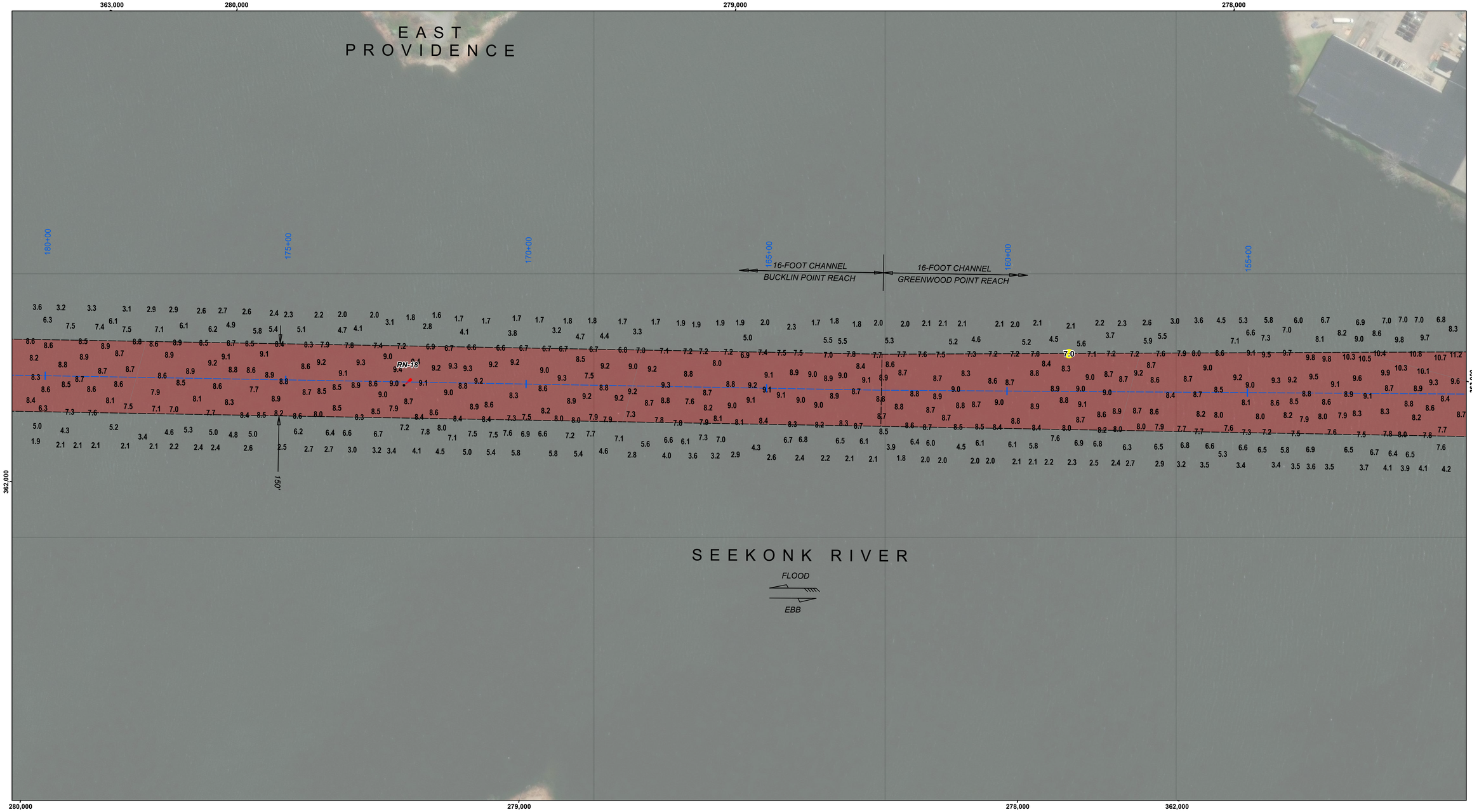
16-FOOT CHANNEL

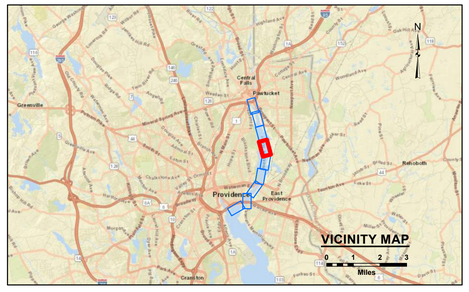
File Name: **RI_05_SEE_20240813_CS_022**

SHEET IDENTIFICATION
Seekonk River

Sheet 5 of 9

Revision Number: 5.23.12.3-5.23.12.3





LEGEND

- Federal Navigation Channel
- Cable or Pipe Areas
- Channel Center Line
- Contour Line
- Marine Infrastructure*
- Fixed Navigation Aids
- Obstruction Point
- Red Navigation Buoy
- Green 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

Notes:
Horizontal Datum: Rhode Island, RI-3800 NAD 83
Distance Units: U.S. Survey Feet
Vertical Datum: MLLW
Depth Units: U.S. Survey Feet
Vessel Name: Keegan
Sonar System: Reson T50 (Multibeam Sonar)
Sounding Frequency: 400 kHz
Survey Method: RTK GPS TIDES
GPS_System: Trimble SPS 855 (RTK)
RTK Base Station: MTS Smartnet Max
Software Used: Hypack
Sounding Sort Distance: 30'
Field Books: R&H 4984
Survey No.: RI_05_SEE_20240813_CS_022
Reference NOAA Chart No.: ENC USRI23M & USRI24M

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 August 2024. 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
Submerged vessels, obstructions, piles and features surveyed with sonar and located on plot. Tide checkpoint BM at Bold Point Ramp established during survey.

Water Level Information
Tides were recorded using RTK GPS. NAVD88 to MLLW corrections were logged utilizing NOAA's V-Datum regional model Connecticut/Rhode Island Version 4.4 in the vicinity of Seekonk River. The corrections in the project area range from 2.49 feet to 2.57 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

Distribution Liability: The data represents the results of data collection activities conducted by the Corps of Engineers activity and indicates the general existing conditions. It is not a survey and should not be used for navigation. Its accuracy specifications. The user is responsible for the results of any of the application of this data for other than its intended purpose.

DISCLAIMER
Access Constraints: The United States Government furnishes this map and data without warranty, express or implied. The understanding that the US Government makes no warranties, represented or implied concerning the accuracy, completeness information and the data furnished. The United States shall be liable for any damages that may result from the use of this data made thereof. These data belong to the Government. Therefore the recipient fully agrees not to represent these data to anyone as other than data furnished by the Government. You may not sell these data to others without also transferring this Disclaimer.

U.S. ARMY CORPS OF ENGINEERS
NEW ENGLAND DISTRICT

SURVEYED BY: NCD
CHECKED BY: WHW
ISSUE DATE: 8/30/2024
SUBMITTED BY: Zachary McAvoy
APPROVED BY: NAE Survey
MAP DOCUMENT: RI_05_SEE_20240813_CS_022
SIZE: ANSI D

SEEKONK RIVER
PAWTUCKET, PROVIDENCE AND
EAST PROVIDENCE, RHODE ISLAND
CONDITION SURVEY

16-FOOT CHANNEL

File Name: RI_05_SEE_20240813_CS_022

SHEET IDENTIFICATION
Seekonk River

Sheet 6 of 9

Revision Number: 5.23.12.3-5.23.12.3

283,000 282,000 281,000 363,000

362,000 361,000

PAWCATUCK

BISHOP COVE

210+00 205+00 200+00 195+00 190+00 185+00

RN-22

150'

GC-19

16-FOOT CHANNEL
BUCKLIN POINT REACH

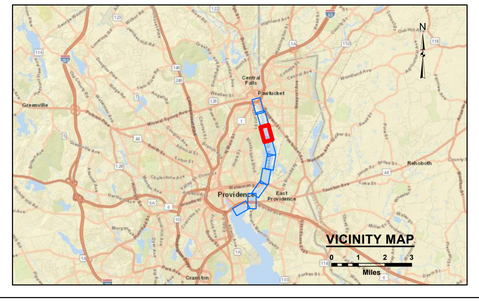
SEEKONK RIVER

FLOOD

EBB

STONY POINT

282,000 361,000 281,000



LEGEND

- Federal Navigation Channel
- Cable or Pipe Areas
- Channel Center Line
- Contour Line
- Marine Infrastructure*
- Fixed Navigation Aids
- Obstruction Point
- Red Navigation Buoy
- Green 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: Rhode Island, RI-3800 NAD 83
Distance Units: U.S. Survey Feet
Vertical Datum: MLLW
Depth Units: U.S. Survey Feet
Vessel Name: Keegan
Sonar System: Reson T50 (Multibeam Sonar)
Sounding Frequency: 400 kHz
Survey Method: RTK GPS TIDES
GPS_System: Trimble SPS 855 (RTK)
RTK Base Station: MTS Smartnet Max
Software Used: Hypack
Sounding Sort Distance: 30'
Field Books: R&H 4984
Survey No.: RI_05_SEE_20240813_CS_022
Reference NOAA Chart No.: ENC USRI23M & USRI24M

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 August 2024. 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

Submerged vessels, obstructions, piles and features surveyed with sonar and located on plot. Tide checkpoint BM at Bold Point Ramp established during survey.

Water Level Information

Tides were recorded using RTK GPS. NAVD88 to MLLW corrections were logged utilizing NOAA's V-Datum regional model Connecticut/Rhode Island Version 4.4 in the vicinity of Seekonk River. The corrections in the project area range from 2.49 feet to 2.57 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 information acknowledging the restrictions below, and assumes no responsibility beyond the exercise of reasonable care in the creation and publication of these data and information. These data and information are not to be used in any way or manner that would interfere with the traditional roles of the United States Government in navigation and national defense. The United States Government assumes no responsibility whatsoever for any use of these data or information, or the functioning or performance of those elements when used in conjunction with any other data or application, and makes no guarantees, expressed or implied concerning the accuracy, completeness, reliability, or suitability of these data or information for any particular purpose. The fact that the United States Government has furnished these data and information does not relieve the recipient from the responsibility to comply with any applicable regulations, licenses, or international treaties. By receiving these data and information, the recipient agrees to save and hold harmless the United States Government, its officers, agents, and employees from any claim or liability arising from the use of these data or information. The recipient agrees not to represent these data to anyone as other than data collected by the United States Government, and to assume these data belong to the Government. Therefore the recipient fully agrees not to represent these data to anyone as other than data collected by the United States Government, and to assume these data belong to the Government. Therefore the recipient fully agrees not to represent these data to anyone as other than data collected by the United States Government, and to assume these data belong to the Government. Therefore the recipient fully agrees not to represent these data to anyone as other than data collected by the United States Government, and to assume these data belong to others without also transferring this Disclaimer.

Distribution Liability: The data represents the results of data collected by the U.S. Army Corps of Engineers, New England District. Engineers activity and indicates the general existing conditions. It is not a precise representation of all features and is subject to change at any time without notice. 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: NCD
CHECKED BY: WHW
SUBMITTED BY: Zachary McAvoy
APPROVED BY: NAE Survey
ISSUE DATE: 8/30/2024
SIZE: ANSI D
MAP DOCUMENT: RI_05_SEE_20240813_CS_022

SEEKONK RIVER
PAWTUCKET, PROVIDENCE AND
EAST PROVIDENCE, RHODE ISLAND
CONDITION SURVEY

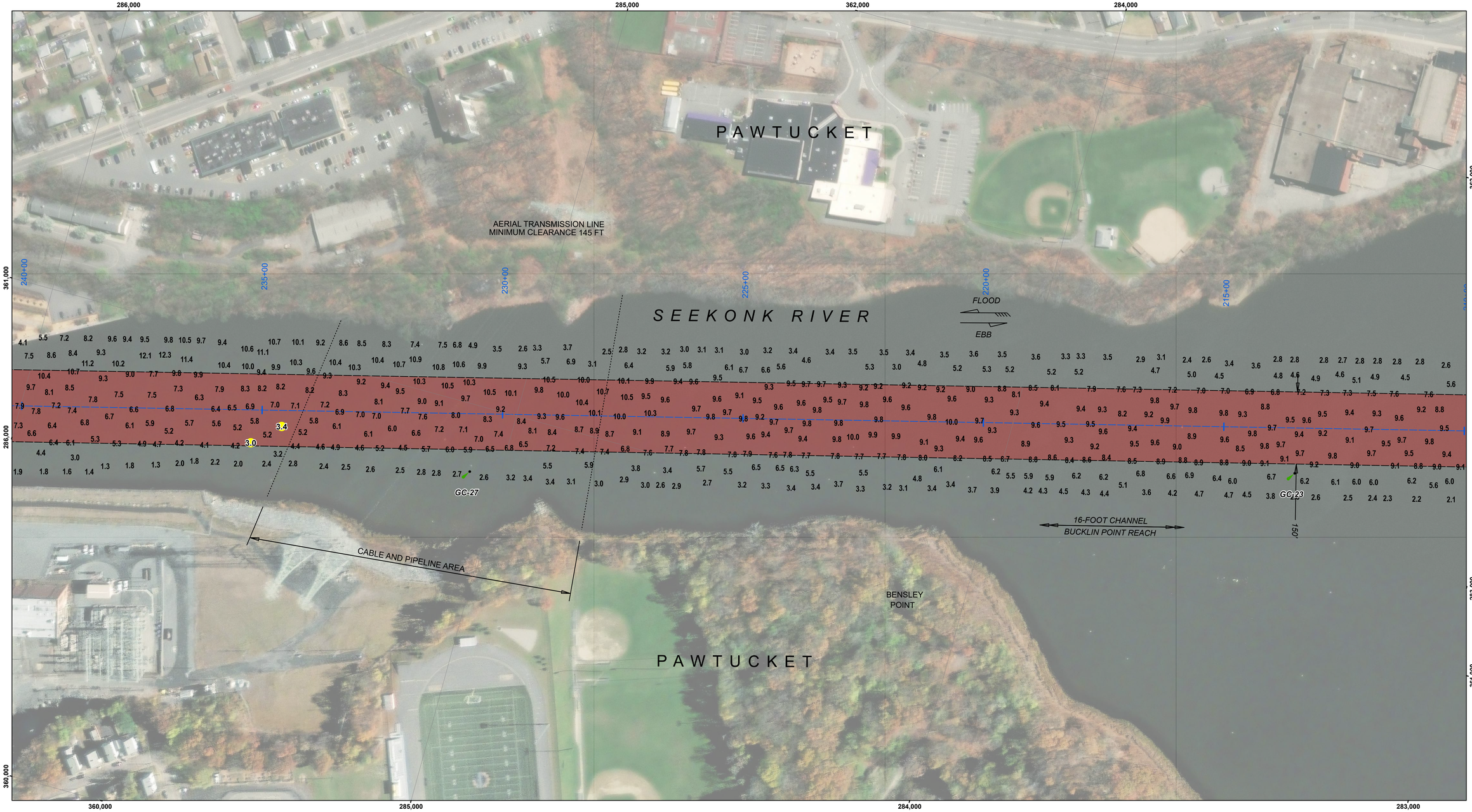
16-FOOT CHANNEL

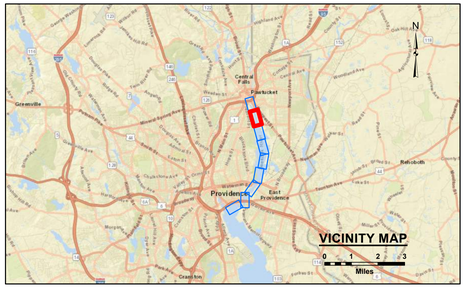
File Name: RI_05_SEE_20240813_CS_022

SHEET IDENTIFICATION
Seekonk River

Sheet 7 of 9

Revision Number: 5.23.12.3-5.23.12.3





LEGEND

- Federal Navigation Channel
- Cable or Pipe Areas
- Channel Center Line
- Contour Line
- Marine Infrastructure*
- Fixed Navigation Aids
- Obstruction Point
- Red Navigation Buoy
- Green 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

Notes:
Horizontal Datum: Rhode Island, RI-3800 NAD 83
Distance Units: U.S. Survey Feet
Vertical Datum: MLLW
Depth Units: U.S. Survey Feet
Vessel Name: Keegan
Sonar System: Reson T50 (Multibeam Sonar)
Sounding Frequency: 400 kHz
Survey Method: RTK GPS TIDES
GPS_System: Trimble SPS 855 (RTK)
RTK Base Station: MTS Smartnet Max
Software Used: Hypack
Sounding Sort Distance: 30'
Field Books: R&H 4984
Survey No.: RI_05_SEE_20240813_CS_022
Reference NOAA Chart No.: ENC USRI23M & USRI24M

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 August 2024. 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
Submerged vessels, obstructions, piles and features surveyed with sonar and located on plot. Tide checkpoint BM at Bold Point Ramp established during survey.

Water Level Information
Tides were recorded using RTK GPS. NAVD88 to MLLW corrections were logged utilizing NOAA's V-Datum regional model Connecticut/Rhode Island Version 4.4 in the vicinity of Seekonk River. The corrections in the project area range from 2.49 feet to 2.57 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

Distribution Liability: The data represents the results of data collected using accepted hydrographic survey methods. Engineers activity and indicates the general existing conditions. It is not a guarantee that conditions will remain as shown. The user is responsible for the results of any of the application of this data for other than its intended purpose.

DISCLAIMER
Access Constraints: The United States Government furnishes this map/chart/publication/data/product "as is" to the user's understanding that the US Government makes no warranties, represented or implied concerning the accuracy, completeness, reliability, 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 data or in any way that may misrepresent these data to others without also transferring this Disclaimer.

U.S. ARMY CORPS OF ENGINEERS
NEW ENGLAND DISTRICT

SURVEYED BY: NCD
CHECKED BY: WHW
ISSUE DATE: 8/30/2024
SUBMITTED BY: Zachary McAvoy
APPROVED BY: NAE Survey
SIZE: ANSI D
MAP DOCUMENT: RI_06_SEE_20240813_CS_022

SEEKONK RIVER
PAWTUCKET, PROVIDENCE AND EAST PROVIDENCE, RHODE ISLAND
CONDITION SURVEY

16-FOOT CHANNEL
File Name: **RI_05_SEE_20240813_CS_022**

SHEET IDENTIFICATION
Seekonk River

Sheet 8 of 9

Revision Number: 5.23.12.3-5.23.12.3

288,000 361,000 287,000 286,000

360,000

PAWTUCKET

SEEKONK RIVER

FLOOD

EBB

SANDY POINT REACH

STATE PIER

16-FOOT CHANNEL
BUCKLIN POINT REACH

16-FOOT CHANNEL
PAWTUCKET REACH

INTERSTATE 95
FIXED BRIDGE
HOR CL 50 FT
VERT CL 30 FT

DIVISION STREET
FIXED BRIDGE
HOR CL 50 FT
VERT CL 30 FT

257+29

253+40

250+00

245+00

240+00

2:6

3:6

6.1

7.0

150'

110'

100'

60'

PAWTUCKET

LEGEND

- Federal Navigation Channel
- Cable or Pipe Areas
- Channel Center Line
- Contour Line
- Marine Infrastructure*
- Fixed Navigation Aids
- Obstruction Point
- Red Navigation Buoy
- Green 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

VICINITY MAP

0 1 2 3 Miles

Notes:
Horizontal Datum: Rhode Island, RI-3800 NAD 83
Distance Units: U.S. Survey Feet
Vertical Datum: MLLW
Depth Units: U.S. Survey Feet
Vessel Name: Keegan
Sonar System: Reson T50 (Multibeam Sonar)
Sounding Frequency: 400 kHz
Survey Method: RTK GPS TIDES
GPS_System: Trimble SPS 855 (RTK)
RTK Base Station: MTS Smartnet Max
Software Used: Hypack
Sounding Sort Distance: 30'
Field Books: R&H 4984
Survey No.: RI_05_SEE_20240813_CS_022
Reference NOAA Chart No.: ENC USRI23M & USRI24M

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 August 2024. 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
Submerged vessels, obstructions, piles and features surveyed with sonar and located on plot. Tide checkpoint BM at Bold Point Ramp established during survey.

Water Level Information
Tides were recorded using RTK GPS. NAVD88 to MLLW corrections were logged utilizing NOAA's V-Datum regional model Connecticut/Rhode Island Version 4.4 in the vicinity of Seekonk River. The corrections in the project area range from 2.49 feet to 2.57 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 this data and information without warranty with the express understanding that the US Government makes no warranties, expressed or implied concerning the accuracy, completeness reliability, usability, performance, or merchantability of the information and the data furnished. The United States shall be under no liability whatsoever to any individual or any party for any loss made thereof. These data belong to the Government. Therefore the recipient fully agrees not to represent these data to anyone as other than government data. The recipient shall not transfer to others these data to others without also transferring this Disclaimer.

Distribution Liability: The data represents the results of data collection and analysis performed by the Corps of Engineers activity and indicates the general existing conditions. Data is subject to change over time and is provided to the user "as is". 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: NCD
CHECKED BY: WHW
ISSUE DATE: 8/30/2024

SUBMITTED BY: Zachary McAvoy
APPROVED BY: NAE Survey

MAP DOCUMENT: RI_05_SEE_20240813_CS_022
SIZE: ANSI D

SEEKONK RIVER
PAWTUCKET, PROVIDENCE AND EAST PROVIDENCE, RHODE ISLAND
CONDITION SURVEY

16-FOOT CHANNEL

File Name: RI_05_SEE_20240813_CS_022

SHEET IDENTIFICATION
Seekonk River

Sheet 9 of 9

Revision Number: 5.23.12.3-5.23.12.3