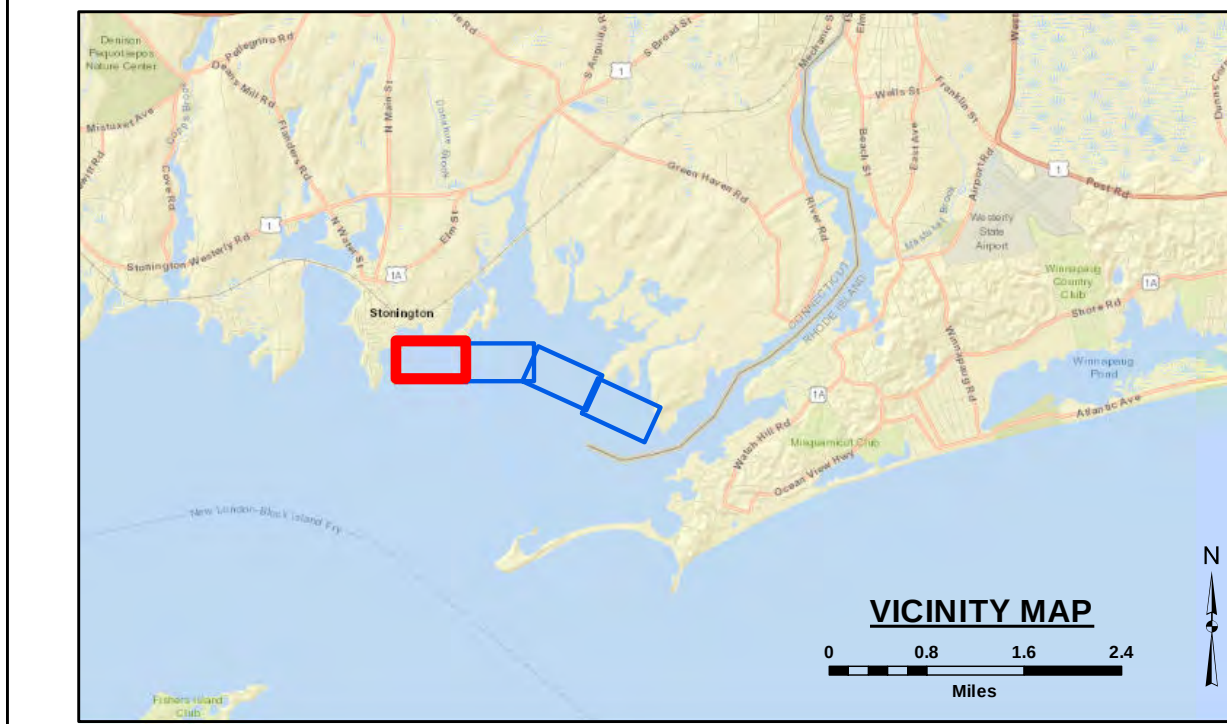
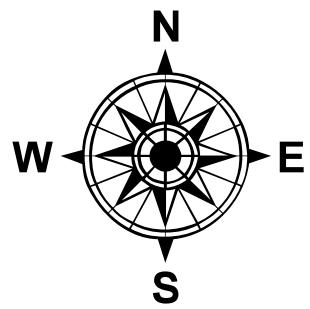
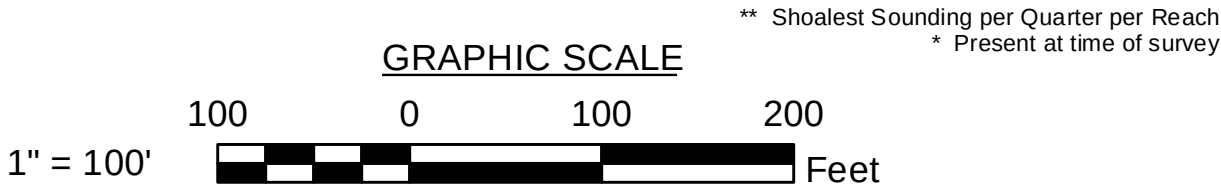




LEGEND			
---	Federal Navigation Channel	✱	Fixed Navigation Aids
---	Channel Center Line	●	Red Navigation Buoy
---	Cable or Pipeline Area	●	Green Navigation Buoy
---	Contour Line	■	Shoaling Area
---	Marine Infrastructure*	●	Shoalest Sounding**
---	Obstruction Point		



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: CELESTIAL
Sonar System: R2 Sonic 2024 (Multibeam Sonar)
Sounding Frequency: 300 KHz
Survey Method: RTK, GPS TIDES
GPS System: Trimble SPS 855 (RTK)
RTK Base Station: MTS Smartnet Imax
Software Used: Hypack
Sounding Sort Distance: 20'
Field Books: R&H 4492
Survey No.: RI_19_PAW_20210106_CS_002
Reference NOAA Chart No.: 13214

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
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Project Remarks
Topographic survey data included with sounding data. Aquatic flora encountered.

Water Level Information
Tides were recorded using RTK GPS. The MLLW to NAVD88 corrections for this project is 1.78 feet. This correction is referenced from NOAA's V-Datum Model Version 4.1, C/T/RI Region Version 3.4, in the vicinity of Little Narragansett Bay, Westerly, Rhode Island. NAVD88 is above MLLW; therefore the correction should be added to NAVD88 to convert to MLLW. No tide gauges were used on this project.

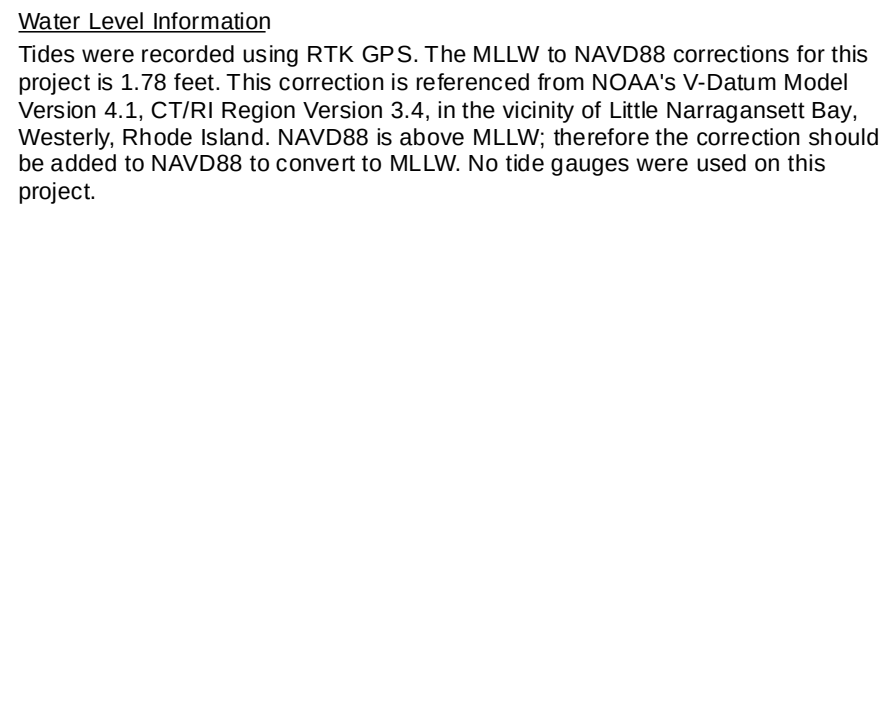
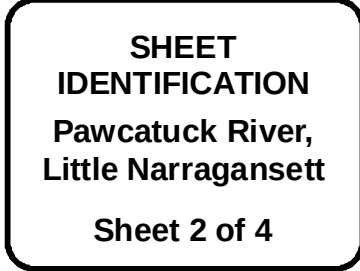


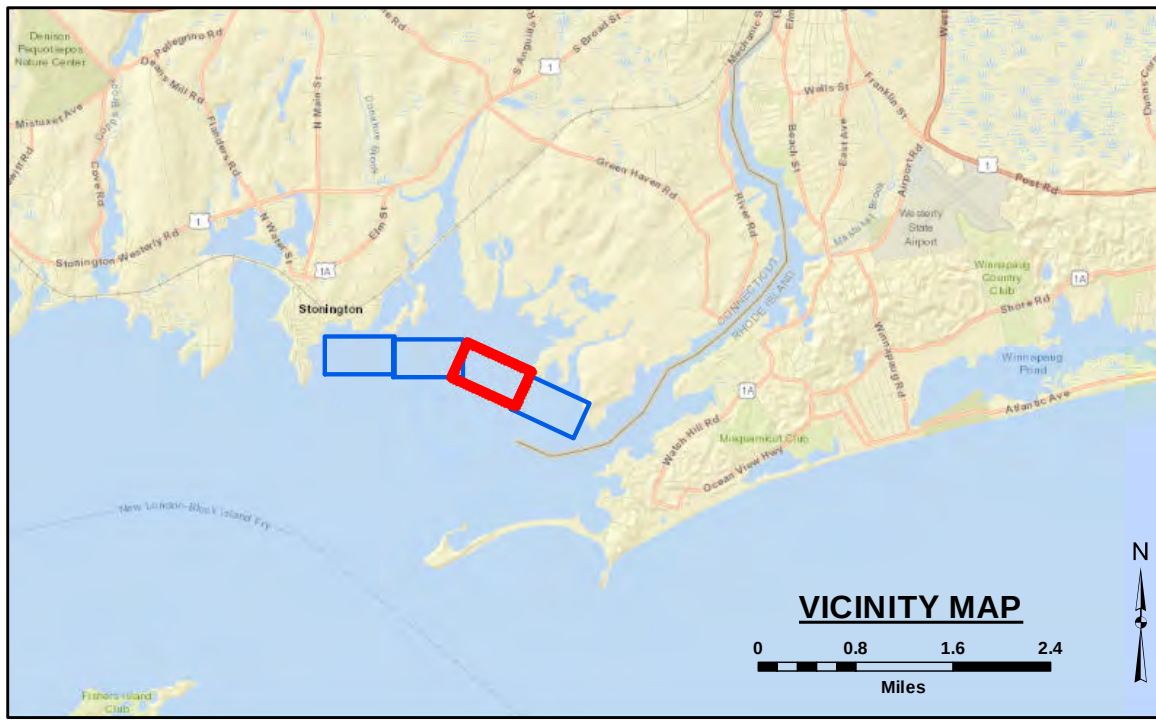
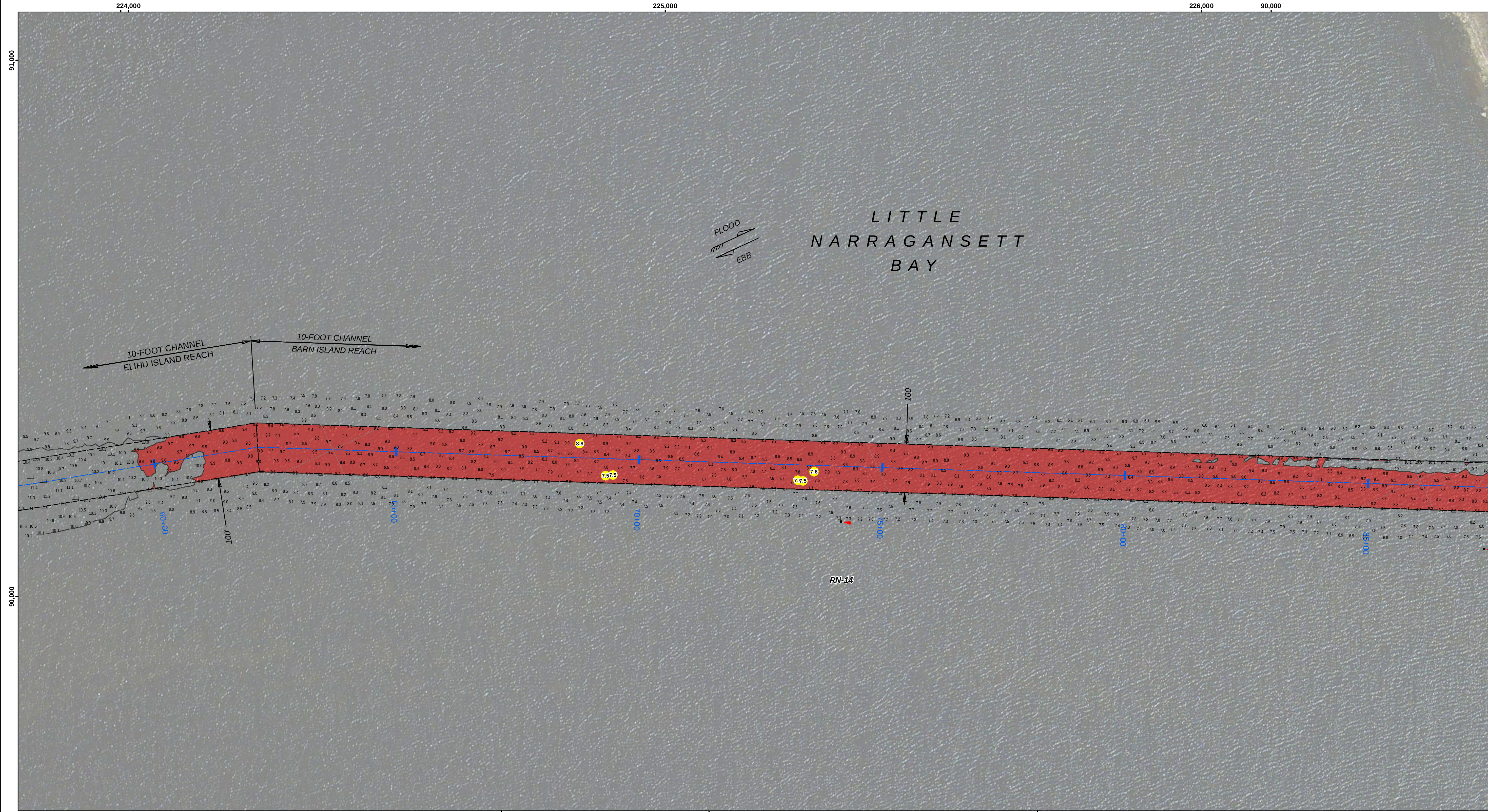
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U.S. ARMY CORPS OF ENGINEERS NEW ENGLAND DISTRICT			
SUBMITTED BY: Zachary McAvoy	SURVEYED BY: M.V.		ISSUE DATE: 1/28/2021
	CHECKED BY: ZSM		
	APPROVED BY: NAE Survey		
SIZE: A1/S1 D	MAP DOCUMENT: RI_19_PAW_20210106_CS_002		

**LITTLE NARRAGANSETT BAY
PAWCATUCK RIVER & WATCH HILL COVE
WESTERLY, RHODE ISLAND
STONNINGTON, CONNECTICUT
CONDITION SURVEY
10-FOOT CHANNEL**

**SHEET
IDENTIFICATION
Pawcatuck River,
Little Narragansett
Sheet 1 of 4**





LEGEND

--- Federal Navigation Channel

--- Channel Center Line

..... Cable or Pipeline Area

— Contour Line

— Marine Infrastructure*

⊗ Obstruction Point

⊗ Fixed Navigation Aids

🚩 Red Navigation Buoy

🚩 Green Navigation Buoy

🔴 Shoaling Area

🟡 Shoalest Sounding**

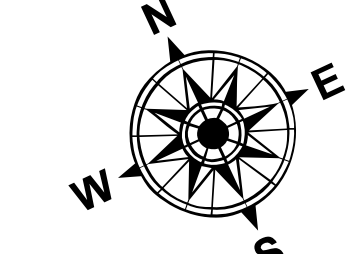
** Shoalest Sounding per Quarter per Reach

* Present at time of survey

GRAPHIC SCALE

1" = 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: CELESTIAL
 Sonar System: R2 Sonic 2024 (Multibeam Sonar)
 Sounding Frequency: 300 kHz
 Survey Method: RTK, GPS TIDES
 GPS System: Trimble SPS 855 (RTK)
 RTK Base Station: MTS Smartnet Imax
 Software Used: Hypack
 Sounding Sort Distance: 20'
 Field Books: R&H 4492
 Survey No.: RI_19_PAW_20210106_CS_002
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Project Remarks
 Topographic survey data included with sounding data. Aquatic flora encountered.

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Water Level Information

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LITTLE NARRAGANSETT BAY
PAWCATUCK RIVER & WATCH HILL COVE
WESTERLY, RHODE ISLAND
STONINGTON, CONNECTICUT
CONDITION SURVEY

File Name: RI_19_PAW_20210106_CS_002

SHEET IDENTIFICATION
Pawcatuck River, Little Narragansett
Sheet 3 of 4

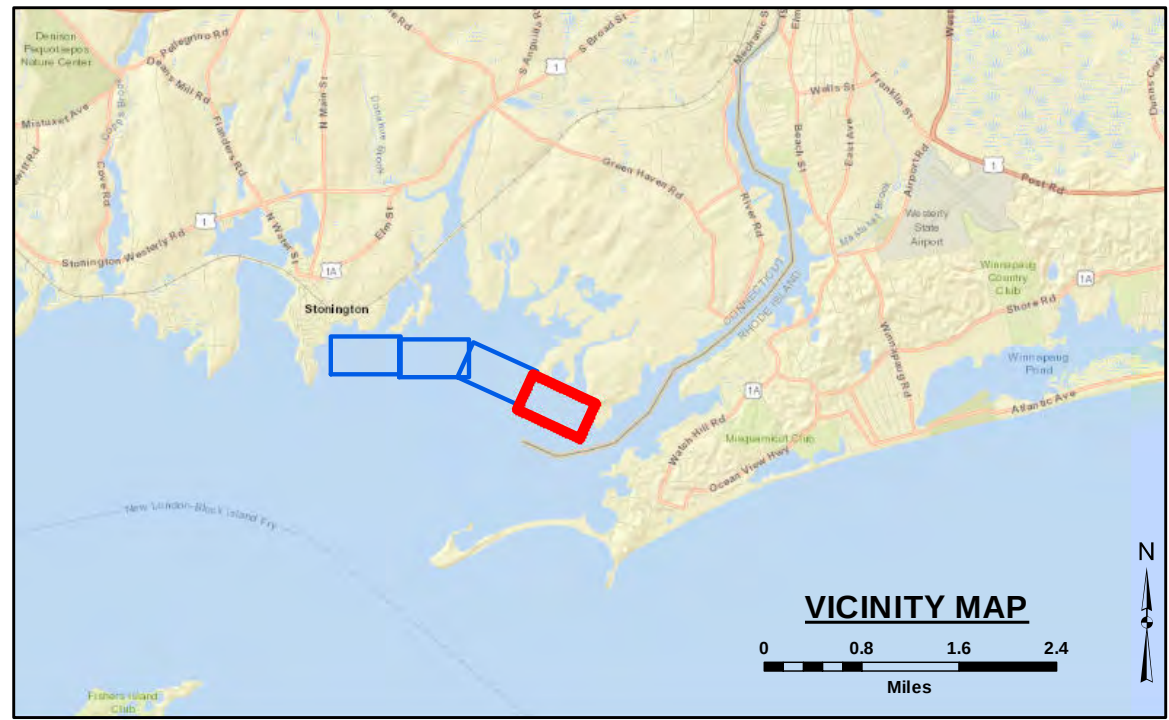
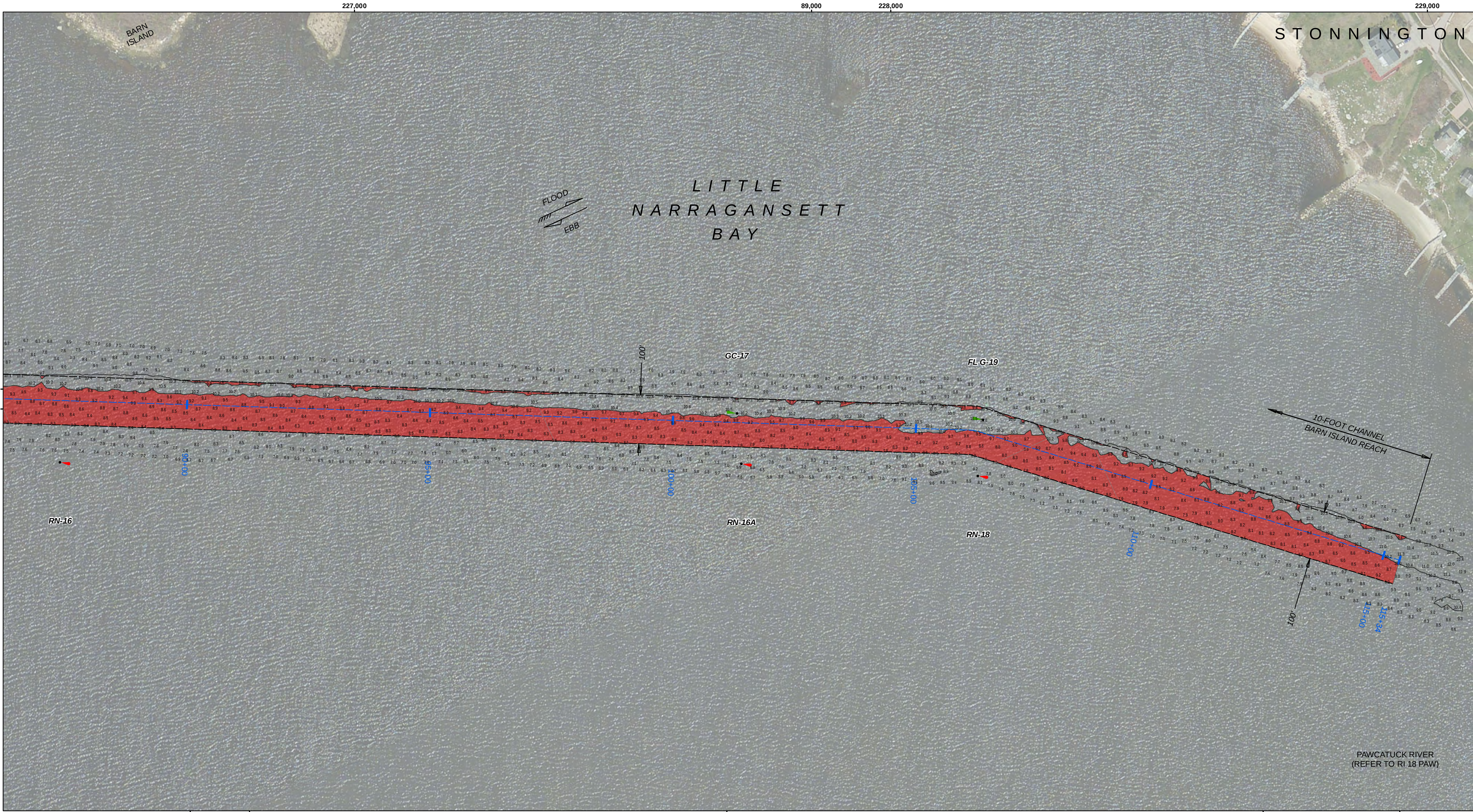
U.S. ARMY CORPS OF ENGINEERS NEW ENGLAND DISTRICT	SURVEYED BY: MJV	CHECKED BY: ZSM	ISSUE DATE: 1/28/2021
	SUBMITTED BY: Zachary McAvoy		
	APPROVED BY: NAE Survey		
SIZE A1S1D	WAF DOCUMENT RI_19_PAW_20210106_CS_002		

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LEGEND

Channel Center Line

.....

Cable or Pipeline Area

—

Contour Line

—

Marine Infrastructure*

⊗

Obstruction Point

✕

Fixed Navigation Aids

🚩

Red Navigation Buoy

🟢

Green Navigation Buoy

🔴

Shoaling Area

🟡

Shoalest Sounding**

** Shoalest Sounding per Quarter per Reach
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PAWCATUCK RIVER & WATCH HILL COVE
WESTERLY, RHODE ISLAND
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10-FOOT CHANNEL

File Name: RI_19_PAW_20210106_CS_002

SHEET IDENTIFICATION
Pawcatuck River,
Little Narragansett
Sheet 4 of 4