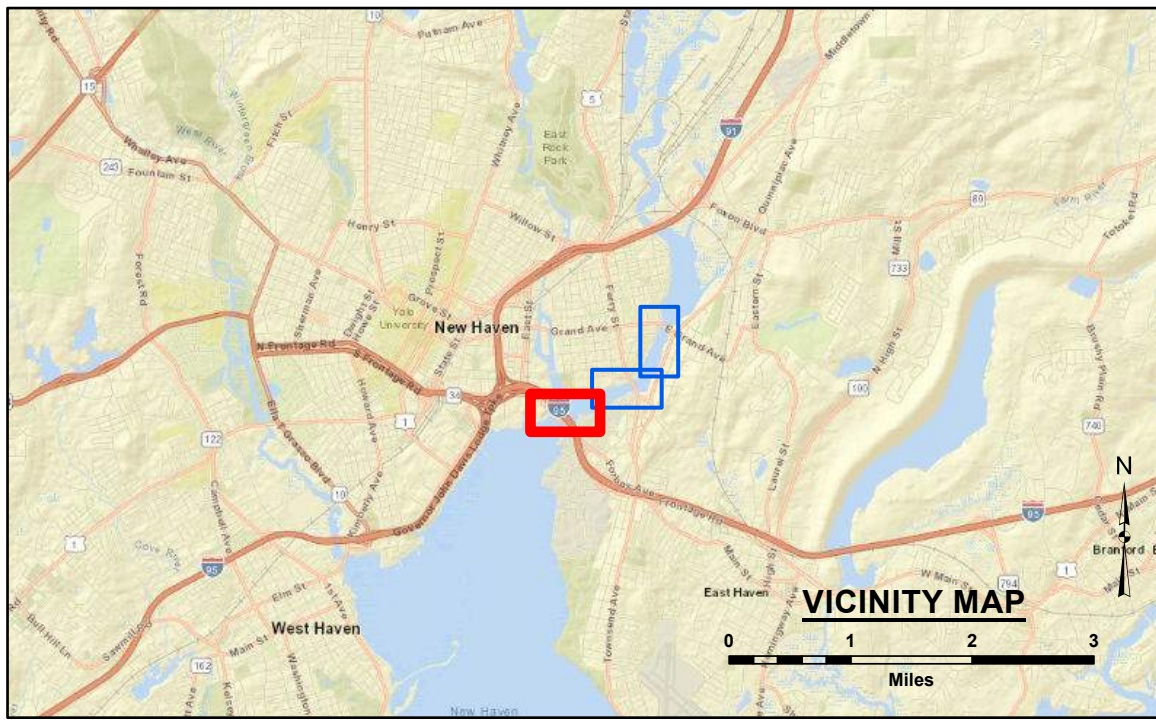
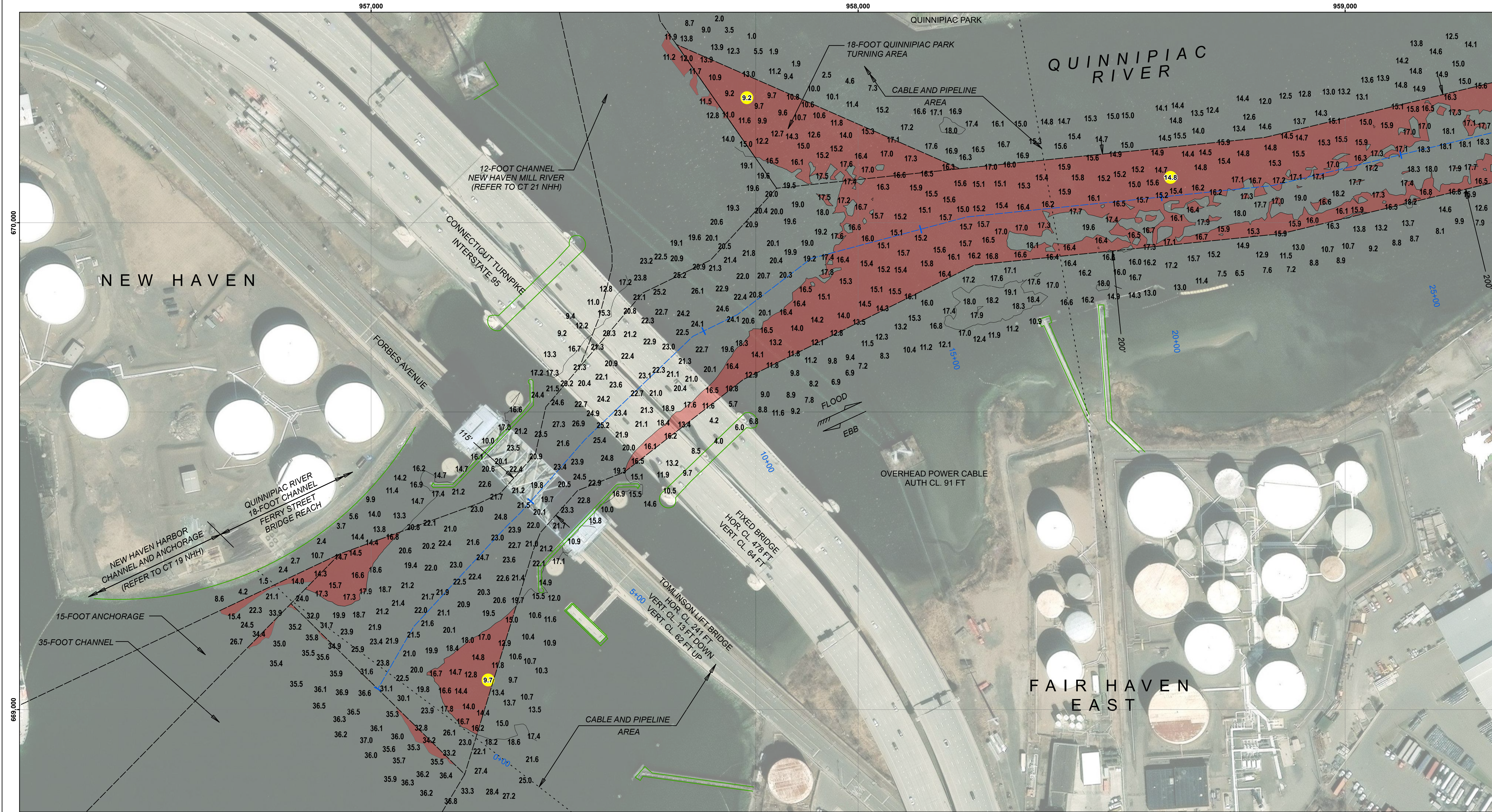




LEGEND

Channel Center Line

.....

Cable or Pipeline Area

—

Contour Line

—

Marine Infrastructure*

✱

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

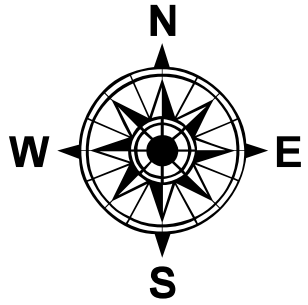
100

0

100

200

1" = 100' Feet



Notes:
Horizontal Datum: Connecticut, CT-0600
Distance Units: U.S. Survey Feet
Vertical Datum: MLLW
Depth Units: U.S. Survey Feet
Vessel Name: SV Celestial
Sonar System: R2 Sonic 2024 (multibeam)
Sounding Frequency: 300 kHz
Survey Method: RTK GPS TIDES
GPS System: Applanix POS MV (RTK)
RTK Base Station: MTS Smartnet Imax
Software Used: Hypack
Sounding Sort Distance: 30'
Field Books: R&H 4985
Survey No.: CT_20_NHH_20260630_CS_044
Reference NOAA Chart No.: USSHVNCB, USSHVNCC

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 June 2026. The positions of aids to navigation were located during survey operations, are provided for information only and should not be used for navigation. Orthomaps are 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
Marine infrastructure surveyed with ship-mounted LIDAR in 2023, still present.

Water Level Information
Tides were recorded using RTK GPS. NAVD88 to MLLW corrections were logged utilizing NOAA's V-Datum regional model New York/Connecticut/Rhode Island version 3.4. The corrections in the project area range from 3.60 feet to 3.61 feet. MLLW is below NAVD88; therefore, the correction should be added to NAVD88 to convert to MLLW (e.g. -10 NAVD88 = -8 MLLW when using a 2-foot correction).

US Army Corps
of Engineers
District: CENAE

DISCLAIMER
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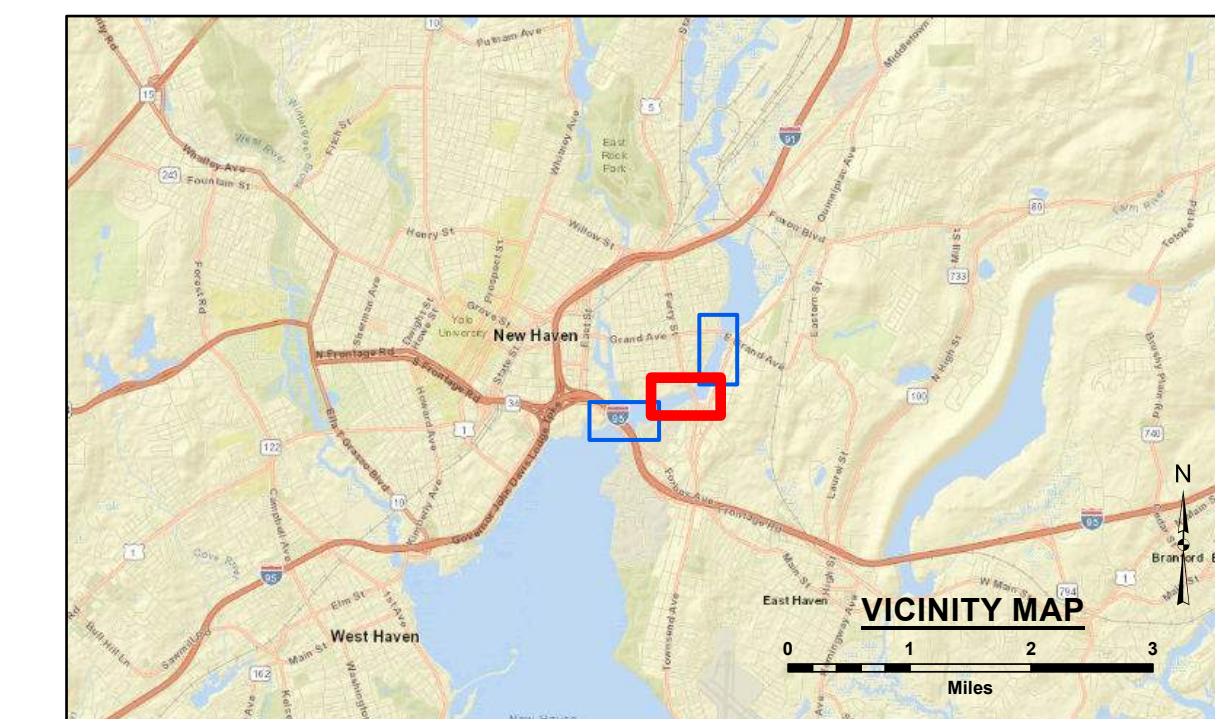
U.S. ARMY CORPS OF ENGINEERS NEW ENGLAND DISTRICT		SURVEYED BY: AJO		CHECKED BY: JAB		ISSUE DATE: 7/13/2026	
SUBMITTED BY: Zachary McAvoy		APPROVED BY: NAE Survey		MAP DOCUMENT CT_20_NHH_20260630_CS_044		SIZE ANSI D	

**NEW HAVEN HARBOR
QUINNIPAC RIVER
NEW HAVEN, CONNECTICUT
CONDITION SURVEY**

**18, 16, AND 12-FOOT CHANNELS
18-FOOT TURNING BASIN**

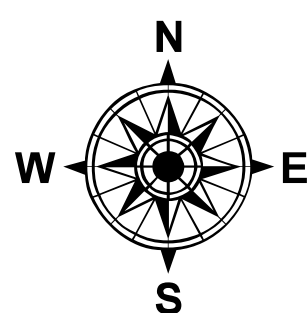
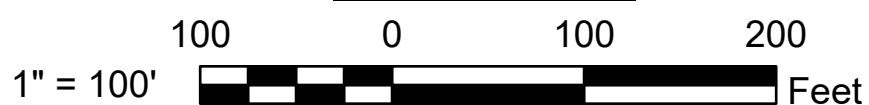
File Name: CT_20_NHH_20260630_CS_044

**SHEET
IDENTIFICATION**
New Haven Harbor,
Quinnipiac River
Sheet 1 of 3



---	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**

* Present at time of Survey



Notes:
Horizontal Datum: Connecticut, CT-0600
Distance Units: U.S. Survey Feet
Vertical Datum: MLLW
Depth Units: U.S. Survey Feet
Vessel Name: SV Celestial
Sonar System: R2 Sonic 2024 (multibeam)
Sounding Frequency: 300 kHz
Survey Method: RTK GPS TIDES
GPS System: Applanix POS MV (RTK)
RTK Base Station: MTS Smartnet Imax
Software Used: Hypack
Sounding Sort Distance: 30'
Field Books: R&H 4985
Survey No.: CT_20_NNH_20060630_CS_04
Reference NOAA Chart No.: USSHVNCC, USSHVNCC

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.

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Project Remarks	Marine infrastructure surveyed with ship-mounted LiDAR in 2023, still present
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Tides were recorded using RTK GPS. NAVD88 to MLLW corrections were logged utilizing NOAA's V-Datum regional model New York/Connecticut/Rhode Island version 3.4. The corrections in the project area range from 3.60 feet to 3.61 feet. MLLW is below NAVD88; therefore, the correction should be added to NAVD88 to convert to MLLW (e.g. -10 NAVD88 = -8 MLLW when using a 2-foot correction).



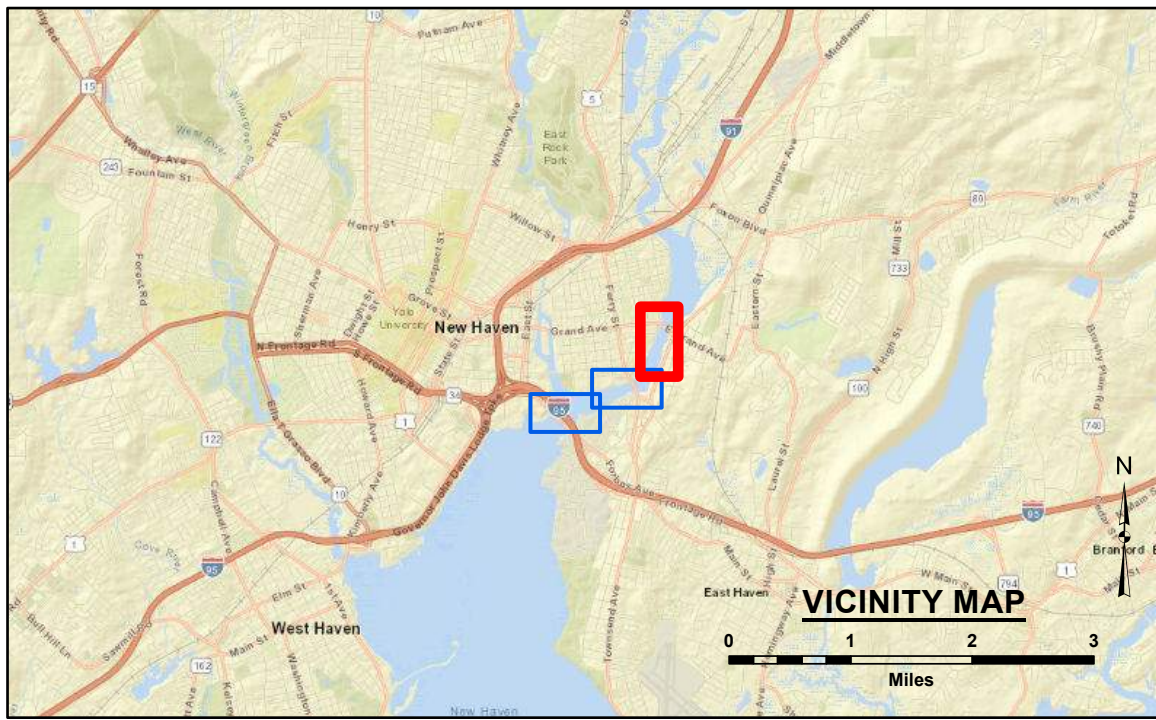
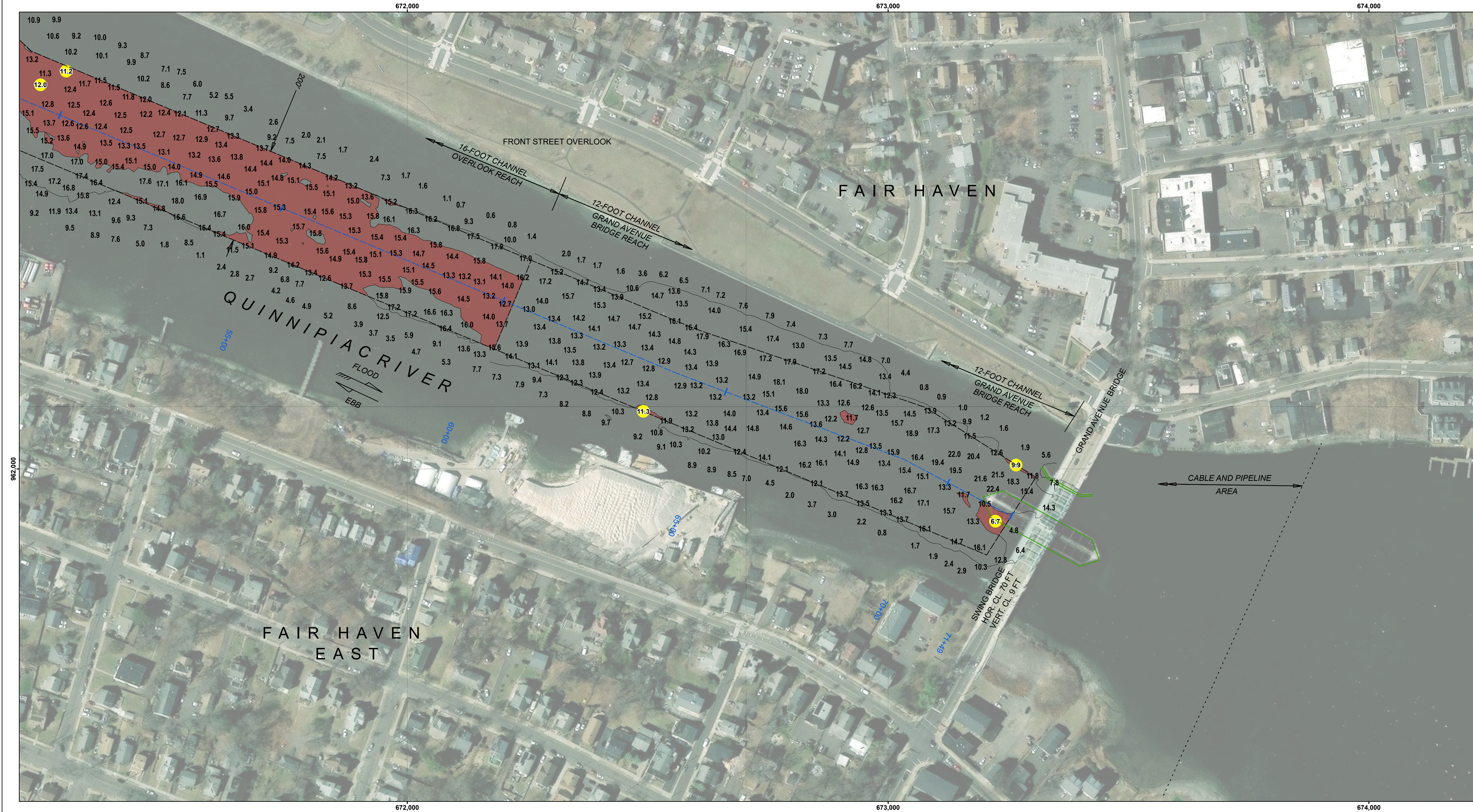
**US Army Corps
of Engineers
District: CENAE**

[illegible]

U.S. ARMY CORPS OF ENGINEERS NEW ENGLAND DISTRICT	
SUBMITTED BY: <u>Zachary McAlroy</u>	SURVEIVED BY: <u>AJD</u>
APPROVED BY: <u>NAE Survey</u>	CHECKED BY: <u>JAB</u>
SIZE: ANSTD MAP DOCUMENT: CT_20_NH_20200630_CS_044 CT 1372026	ISSUE DATE: 7/13/2026

NEW HAVEN HARBOR
QUINNIPIAC RIVER
NEW HAVEN, CONNECTICUT
CONDITION SURVEY

**SHEET
IDENTIFICATION**
**New Haven Harbor,
Quinnipiac River**
Sheet 2 of 3



LEGEND

- Federal Navigation Channel
- Channel Center Line
- Cable or Pipeline Area
- Contour Line
- Marine Infrastructure*
- ✱ 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: Connecticut, CT-0600
Distance Units: U.S. Survey Feet
Vertical Datum: MLLW
Depth Units: U.S. Survey Feet
Vessel Name: SV Celestial
Sounding System: R2 Sonic 2024 (multibeam)
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Survey Method: RTK GPS TIDES
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RTK Base Station: MTS Smartnet Imax
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Field Books: R&H 4985
Survey No.: CT_20_NHH_20260630_CS_044
Reference NOAA Chart No.: USSHVNCB, USSHVNCC

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Project Remarks

Marine infrastructure surveyed with ship-mounted LIDAR in 2023, still present.

Water Level Information

Tides were recorded using RTK GPS. NAVD88 to MLLW corrections were logged utilizing NOAA's V-Datum regional model New York/Connecticut/Rhode Island version 3.4. The corrections in the project area range from 3.60 feet to 3.61 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).



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U.S. ARMY CORPS OF ENGINEERS NEW ENGLAND DISTRICT		SURVEYED BY: AJO		CHECKED BY: JAB		ISSUE DATE: 7/13/2026	
SUBMITTED BY: Zachary McAvoy		APPROVED BY: NAE Survey		MAP DOCUMENT CT_20_NHH_20260630_CS_044		SIZE A1 STD	

**NEW HAVEN HARBOR
QUINNIPIAC RIVER
NEW HAVEN, CONNECTICUT
CONDITION SURVEY**

**18, 16, AND 12-FOOT CHANNELS
18-FOOT TURNING BASIN**

File Name: CT_20_NHH_20260630_CS_044

**SHEET
IDENTIFICATION**

**New Haven Harbor,
Quinnipiac River**

Sheet 3 of 3