

## **Attachment M3 – CTDEEP Marine Fisheries Coordination**

# WALK BRIDGE REPLACEMENT INDEX OF PERMIT PLATES

| DRAWING NUMBER | DRAWING TITLE                                           | DRAWING NUMBER | DRAWING TITLE                           | DRAWING NUMBER | DRAWING TITLE                        | DRAWING NUMBER | DRAWING TITLE                          |
|----------------|---------------------------------------------------------|----------------|-----------------------------------------|----------------|--------------------------------------|----------------|----------------------------------------|
| GEN-1          | INDEX OF PERMIT PLATES (SHEET 1 OF 2)                   | SUM-1          | SUMMARY OF IMPACTS (SHEET 1 OF 15)      | CA2-1          | DUCTBANK INSTALLATION (SHEET 1 OF 4) | CAB-1          | SOUTHEAST TRESTLE (SHEET 1 OF 5)       |
| GEN-1A         | INDEX OF PERMIT PLATES (SHEET 2 OF 2)                   | SUM-1A         | SUMMARY OF IMPACTS (SHEET 2 OF 15)      | CA2-2          | DUCTBANK INSTALLATION (SHEET 2 OF 4) | CAB-2          | SOUTHEAST TRESTLE (SHEET 2 OF 5)       |
| GEN-2          | GENERAL NOTES AND LEGEND                                | SUM-2          | SUMMARY OF IMPACTS (SHEET 3 OF 15)      | CA2-3          | DUCTBANK INSTALLATION (SHEET 3 OF 4) | CAB-3          | SOUTHEAST TRESTLE (SHEET 3 OF 5)       |
| GEN-3          | LOCATION PLAN                                           | SUM-3          | SITES 1, 2 & 3 STATE (SHEET 4 OF 15)    | CA2-4          | DUCTBANK INSTALLATION (SHEET 4 OF 4) | CAB-4          | SOUTHEAST TRESTLE (SHEET 4 OF 5)       |
| GEN-4          | RESOURCE MAP (SHEET 1 OF 2)                             | SUM-4          | SITE 4 STATE (SHEET 5 OF 15)            |                |                                      | CAB-5          | SOUTHEAST TRESTLE (SHEET 5 OF 5)       |
| GEN-5          | RESOURCE MAP (SHEET 2 OF 2)                             | SUM-5          | SITE 5 STATE (SHEET 6 OF 15)            | CA3-1          | VESSEL RELOCATION (SHEET 1 OF 6)     |                |                                        |
| GEN-6          | FLOOD ZONE MAP                                          | SUM-5A         | SITE 7 STATE (SHEET 7 OF 15)            | CA3-2          | VESSEL RELOCATION (SHEET 2 OF 6)     | CA9-1          | PIER 2 CONSTRUCTION (SHEET 1 OF 7)     |
| GEN-7          | SITE PLAN/KEY MAP                                       | SUM-5B         | SITE 8 STATE (SHEET 8 OF 15)            | CA3-3          | VESSEL RELOCATION (SHEET 3 OF 6)     | CA9-2          | PIER 2 CONSTRUCTION (SHEET 2 OF 7)     |
| GEN-8          | VESSEL BERTHING PLAN OVERALL (SHEET 1 OF 3)             | SUM-5C         | SITE 9 STATE (SHEET 9 OF 15)            | CA3-4          | VESSEL RELOCATION (SHEET 4 OF 6)     | CA9-3          | PIER 2 CONSTRUCTION (SHEET 3 OF 7)     |
| GEN-9          | VESSEL BERTHING PLAN WALK BRIDGE (SHEET 2 OF 3)         | SUM-6          | SITES 1, 2 & 3 FEDERAL (SHEET 10 OF 15) | CA3-5          | VESSEL RELOCATION (SHEET 5 OF 6)     | CA9-4          | PIER 2 CONSTRUCTION (SHEET 4 OF 7)     |
| GEN-10         | VESSEL BERTHING PLAN MARINE STAGING YARD (SHEET 3 OF 3) | SUM-7          | SITE 4 FEDERAL (SHEET 11 OF 15)         | CA3-6          | VESSEL RELOCATION (SHEET 6 OF 6)     | CA9-5          | PIER 2 CONSTRUCTION (SHEET 5 OF 7)     |
| GEN-11         | PARCEL MAP (SHEET 1 OF 2)                               | SUM-8          | SITE 5 FEDERAL (SHEET 12 OF 15)         |                |                                      | CA9-6          | PIER 2 CONSTRUCTION (SHEET 6 OF 7)     |
| GEN-12         | PARCEL MAP (SHEET 2 OF 2)                               | SUM-9          | SITE 7 FEDERAL (SHEET 13 OF 15)         | CA4-1          | MARINE STAGING YARD (SHEET 1 OF 4)   | CA9-7          | PIER 2 CONSTRUCTION (SHEET 7 OF 7)     |
|                |                                                         | SUM-10         | SITE 8 FEDERAL (SHEET 14 OF 15)         | CA4-2          | MARINE STAGING YARD (SHEET 2 OF 4)   |                |                                        |
| EP-1           | EXISTING CONDITIONS (SHEET 1 OF 9)                      | SUM-11         | SITE 9 FEDERAL (SHEET 15 OF 15)         | CA4-3          | MARINE STAGING YARD (SHEET 3 OF 4)   | CA10-1         | PIER 3 CONSTRUCTION (SHEET 1 OF 7)     |
| EP-2           | EXISTING CONDITIONS (SHEET 2 OF 9)                      |                |                                         | CA4-4          | MARINE STAGING YARD (SHEET 4 OF 4)   | CA10-2         | PIER 3 CONSTRUCTION (SHEET 2 OF 7)     |
| EP-3           | EXISTING CONDITIONS (SHEET 3 OF 9)                      | FP-1           | FLOODPLAIN IMPACTS (SHEET 1 OF 11)      |                |                                      | CA10-3         | PIER 3 CONSTRUCTION (SHEET 3 OF 7)     |
| EP-4           | EXISTING CONDITIONS (SHEET 4 OF 9)                      | FP-1A          | FLOODPLAIN IMPACTS (SHEET 2 OF 11)      | CA5-1          | NORTHWEST TRESTLE (SHEET 1 OF 5)     | CA10-4         | PIER 3 CONSTRUCTION (SHEET 4 OF 7)     |
| EP-5           | EXISTING CONDITIONS (SHEET 5 OF 9)                      | FP-2           | FLOODPLAIN IMPACTS (SHEET 3 OF 11)      | CA5-2          | NORTHWEST TRESTLE (SHEET 2 OF 5)     | CA10-5         | PIER 3 CONSTRUCTION (SHEET 5 OF 7)     |
| EP-6           | EXISTING CONDITIONS (SHEET 6 OF 9)                      | FP-3           | FLOODPLAIN IMPACTS (SHEET 4 OF 11)      | CA5-3          | NORTHWEST TRESTLE (SHEET 3 OF 5)     | CA10-6         | PIER 3 CONSTRUCTION (SHEET 6 OF 7)     |
| EP-7           | EXISTING CONDITIONS (SHEET 7 OF 9)                      | FP-4           | FLOODPLAIN IMPACTS (SHEET 5 OF 11)      | CA5-4          | NORTHWEST TRESTLE (SHEET 4 OF 5)     | CA10-7         | PIER 3 CONSTRUCTION (SHEET 7 OF 7)     |
| EP-8           | EXISTING CONDITIONS (SHEET 8 OF 9)                      | FP-5           | FLOODPLAIN IMPACTS (SHEET 6 OF 11)      | CA5-5          | NORTHWEST TRESTLE (SHEET 5 OF 5)     |                |                                        |
| EP-9           | EXISTING CONDITIONS (SHEET 9 OF 9)                      | FP-6           | FLOODPLAIN IMPACTS (SHEET 7 OF 11)      |                |                                      | CA11-1         | BARGE MOORING (SHEET 1 OF 5)           |
|                |                                                         | FP-7           | FLOODPLAIN IMPACTS (SHEET 8 OF 11)      | CA6-1          | SOUTHWEST TRESTLE (SHEET 1 OF 5)     | CA11-2         | BARGE MOORING (SHEET 2 OF 5)           |
| PP-1           | PROPOSED CONDITIONS (SHEET 1 OF 9)                      | FP-8           | FLOODPLAIN IMPACTS (SHEET 9 OF 11)      | CA6-2          | SOUTHWEST TRESTLE (SHEET 2 OF 5)     | CA11-3         | BARGE MOORING (SHEET 3 OF 5)           |
| PP-2           | PROPOSED CONDITIONS (SHEET 2 OF 9)                      | FP-9           | FLOODPLAIN IMPACTS (SHEET 10 OF 11)     | CA6-3          | SOUTHWEST TRESTLE (SHEET 3 OF 5)     | CA11-4         | BARGE MOORING (SHEET 4 OF 5)           |
| PP-3           | PROPOSED CONDITIONS (SHEET 3 OF 9)                      | FP-10          | FLOODPLAIN IMPACTS (SHEET 11 OF 11)     | CA6-4          | SOUTHWEST TRESTLE (SHEET 4 OF 5)     | CA11-5         | BARGE MOORING (SHEET 5 OF 5)           |
| PP-4           | PROPOSED CONDITIONS (SHEET 4 OF 9)                      |                |                                         | CA6-5          | SOUTHWEST TRESTLE (SHEET 5 OF 5)     |                |                                        |
| PP-5           | PROPOSED CONDITIONS (SHEET 5 OF 9)                      | CA1-1          | IMAX REMOVAL (SHEET 1 OF 7)             |                |                                      | CA12-1         | SUBMARINE CABLE REMOVAL (SHEET 1 OF 4) |
| PP-6           | PROPOSED CONDITIONS (SHEET 6 OF 9)                      | CA1-2          | IMAX REMOVAL (SHEET 2 OF 7)             | CA7-1          | NORTHEAST TRESTLE (SHEET 1 OF 6)     | CA12-2         | SUBMARINE CABLE REMOVAL (SHEET 2 OF 4) |
| PP-7           | PROPOSED CONDITIONS (SHEET 7 OF 9)                      | CA1-3          | IMAX REMOVAL (SHEET 3 OF 7)             | CA7-2          | NORTHEAST TRESTLE (SHEET 2 OF 6)     | CA12-3         | SUBMARINE CABLE REMOVAL (SHEET 3 OF 4) |
| PP-8           | PROPOSED CONDITIONS (SHEET 8 OF 9)                      | CA1-4          | IMAX REMOVAL (SHEET 4 OF 7)             | CA7-3          | NORTHEAST TRESTLE (SHEET 3 OF 6)     | CA12-4         | SUBMARINE CABLE REMOVAL (SHEET 4 OF 4) |
| PP-9           | PROPOSED CONDITIONS (SHEET 9 OF 9)                      | CA1-5          | IMAX REMOVAL (SHEET 5 OF 7)             | CA7-4          | NORTHEAST TRESTLE (SHEET 4 OF 6)     |                |                                        |
|                |                                                         | CA1-6          | IMAX REMOVAL (SHEET 6 OF 7)             | CA7-5          | NORTHEAST TRESTLE (SHEET 5 OF 6)     |                |                                        |
|                |                                                         | CA1-7          | IMAX REMOVAL (SHEET 7 OF 7)             | CA7-6          | NORTHEAST TRESTLE (SHEET 6 OF 6)     |                |                                        |

SCALE:

SIGNATURE BLOCK:

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CHECKED: V. ROBBINS  
APPROVED: C. BROWN

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PROJECT TITLE:

WALK BRIDGE REPLACEMENT  
OVER THE NORWALK RIVER  
BRIDGE NO. 04288R/MP 41.5

TOWN:

NORWALK

PROJECT NO.:

0301-0176

DRAWING TITLE:

INDEX OF  
PERMIT PLATES  
(SHEET 1 OF 2)

DATE:

8-16-19

DRAWING NO.:

GEN-1

# WALK BRIDGE REPLACEMENT INDEX OF PERMIT PLATES

| DRAWING NUMBER | DRAWING TITLE                      | DRAWING NUMBER | DRAWING TITLE                         | DRAWING NUMBER | DRAWING TITLE | DRAWING NUMBER | DRAWING TITLE |
|----------------|------------------------------------|----------------|---------------------------------------|----------------|---------------|----------------|---------------|
| CA13-1         | SWING SPAN REMOVAL (SHEET 1 OF 7)  | CA16-1         | WETLAND MITIGATION (MIT-001)          |                |               |                |               |
| CA13-2         | SWING SPAN REMOVAL (SHEET 2 OF 7)  | CA16-2         | WETLAND MITIGATION (MIT-002)          |                |               |                |               |
| CA13-3         | SWING SPAN REMOVAL (SHEET 3 OF 7)  | CA16-3         | WETLAND MITIGATION (MIT-003)          |                |               |                |               |
| CA13-4         | SWING SPAN REMOVAL (SHEET 4 OF 7)  | CA16-4         | WETLAND MITIGATION (MIT-004)          |                |               |                |               |
| CA13-5         | SWING SPAN REMOVAL (SHEET 5 OF 7)  | CA16-5         | WETLAND MITIGATION (MIT-005)          |                |               |                |               |
| CA13-6         | SWING SPAN REMOVAL (SHEET 6 OF 7)  | CA16-6         | WETLAND MITIGATION (MIT-006)          |                |               |                |               |
| CA13-7         | SWING SPAN REMOVAL (SHEET 7 OF 7)  | CA16-7         | WETLAND MITIGATION (MIT-007)          |                |               |                |               |
|                |                                    | CA16-8         | WETLAND MITIGATION (MIT-008)          |                |               |                |               |
| CA14-1         | PIER REMOVAL (SHEET 1 OF 8)        | CA16-9         | WETLAND MITIGATION (MIT-009)          |                |               |                |               |
| CA14-2         | PIER REMOVAL (SHEET 2 OF 8)        | CA16-10        | WETLAND MITIGATION (MIT-010)          |                |               |                |               |
| CA14-3         | PIER REMOVAL (SHEET 3 OF 8)        | CA16-11        | WETLAND MITIGATION (MIT-011)          |                |               |                |               |
| CA14-4         | PIER REMOVAL (SHEET 4 OF 8)        | CA16-12        | WETLAND MITIGATION (MIT-012)          |                |               |                |               |
| CA14-5         | PIER REMOVAL (SHEET 5 OF 8)        | CA16-13        | WETLAND MITIGATION (MIT-013)          |                |               |                |               |
| CA14-6         | PIER REMOVAL (SHEET 6 OF 8)        | CA16-14        | WETLAND MITIGATION (MIT-014)          |                |               |                |               |
| CA14-7         | PIER REMOVAL (SHEET 7 OF 8)        | CA16-15        | WETLAND MITIGATION (MIT-015)          |                |               |                |               |
| CA14-8         | PIER REMOVAL (SHEET 8 OF 8)        | CA16-16        | WETLAND MITIGATION (MIT-016)          |                |               |                |               |
|                |                                    | CA16-17        | WETLAND MITIGATION (MIT-017)          |                |               |                |               |
| CA15-1         | FENDER INSTALLATION (SHEET 1 OF 6) | CA16-18        | WETLAND MITIGATION (MIT-018)          |                |               |                |               |
| CA15-2         | FENDER INSTALLATION (SHEET 2 OF 6) | CA16-19        | WETLAND MITIGATION (MIT-019)          |                |               |                |               |
| CA15-3         | FENDER INSTALLATION (SHEET 3 OF 6) | CA16-20        | WETLAND MITIGATION (MIT-020)          |                |               |                |               |
| CA15-4         | FENDER INSTALLATION (SHEET 4 OF 6) |                |                                       |                |               |                |               |
| CA15-5         | FENDER INSTALLATION (SHEET 5 OF 6) | CA17-1         | DREDGING OPERATIONS (SHEET 1 OF 7)    |                |               |                |               |
| CA15-6         | FENDER INSTALLATION (SHEET 6 OF 6) | CA17-2         | DREDGING OPERATIONS (SHEET 2 OF 7)    |                |               |                |               |
|                |                                    | CA17-3         | DREDGING OPERATIONS (SHEET 3 OF 7)    |                |               |                |               |
|                |                                    | CA17-4         | DREDGING OPERATIONS (SHEET 4 OF 7)    |                |               |                |               |
|                |                                    | CA17-5         | DREDGING OPERATIONS (SHEET 5 OF 7)    |                |               |                |               |
|                |                                    | CA17-6         | DREDGING OPERATIONS (SHEET 6 OF 7)    |                |               |                |               |
|                |                                    | CA17-7         | DREDGING OPERATIONS (SHEET 7 OF 7)    |                |               |                |               |
|                |                                    |                |                                       |                |               |                |               |
|                |                                    | CA18-1         | LIFT SPAN INSTALLATION (SHEET 1 OF 6) |                |               |                |               |
|                |                                    | CA18-2         | LIFT SPAN INSTALLATION (SHEET 2 OF 6) |                |               |                |               |
|                |                                    | CA18-3         | LIFT SPAN INSTALLATION (SHEET 3 OF 6) |                |               |                |               |
|                |                                    | CA18-4         | LIFT SPAN INSTALLATION (SHEET 4 OF 6) |                |               |                |               |
|                |                                    | CA18-5         | LIFT SPAN INSTALLATION (SHEET 5 OF 6) |                |               |                |               |
|                |                                    | CA18-6         | LIFT SPAN INSTALLATION (SHEET 6 OF 6) |                |               |                |               |

|                     |  |                                                      |  |                                                                                         |  |
|---------------------|--|------------------------------------------------------|--|-----------------------------------------------------------------------------------------|--|
| SCALE:              |  | DRAWN: T. ADINOLFI                                   |  | PROJECT NO.: 0301-0176                                                                  |  |
| CHECKED: V. ROBBINS |  | TOWN: NORWALK                                        |  | PROJECT TITLE: WALK BRIDGE REPLACEMENT OVER THE NORWALK RIVER BRIDGE NO. 04288R/MP 41.5 |  |
| APPROVED: C. BROWN  |  | DRAWING TITLE: INDEX OF PERMIT PLATES (SHEET 2 OF 2) |  | DATE: 8-16-19                                                                           |  |
|                     |  |                                                      |  | DRAWING NO.: GEN-1A                                                                     |  |




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STATE OF CONNECTICUT  
DEPARTMENT OF TRANSPORTATION

**GENERAL NOTES:**

1. A SOFT START WILL BE USED AT THE BEGINNING OF EACH SHIFT THAT REQUIRES PILE DRIVING AND EXTRACTION (INCLUDING SHEETPILES), SHAFT DRILLING, AND MICROPILE DRILLING ACTIVITIES WHEN CONDUCTED BETWEEN MARCH 16TH AND OCTOBER 31ST.
2. ALL PILE DRIVING AND EXTRACTION (INCLUDING SHEETPILES) ACTIVITY WILL BE ENCLOSED WITHIN TURBIDITY CURTAINS.
3. ALL PILE DRIVING AND EXTRACTION (INCLUDING SHEETPILES), SHAFT DRILLING, AND MICROPILE DRILLING ACTIVITIES CONDUCTED BETWEEN APRIL 1 AND JUNE 30 WILL ONLY OCCUR BETWEEN ONE HOUR AFTER SUNRISE TO ONE HOUR BEFORE SUNSET.
4. ALL PILE DRIVING AND EXTRACTION (INCLUDING SHEETPILES), SHAFT DRILLING, AND MICROPILE DRILLING ACTIVITIES WILL BE CONDUCTED TO ONLY OCCUPY ONE HALF OF THE RIVER AT A TIME OR ONLY OCCUPY 50 PERCENT OF THE RIVER WHEN WORKING IN THE MIDDLE.
5. UNCONFIRMED DREDGING WILL BE CONDUCTED WITHIN TURBIDITY CURTAINS BETWEEN DECEMBER 1 AND JANUARY 31. IF NECESSARY TO DREDGE BETWEEN FEBRUARY 1 AND NOVEMBER 30, DREDGING WILL OCCUR WITHIN A MARINE ENCLOSURE SURROUNDED BY A TURBIDITY CURTAIN.
6. ALL BARGE MOVEMENTS WILL TAKE PLACE DURING SLACK WATER CONDITIONS COINCIDENT WITH HIGH TIDE TO MINIMIZE RIVER BOTTOM DISTURBANCES.
7. HORIZONTAL DATUM IS CT STATE PLANE COORDINATE SYSTEM BASED ON NAD83.
8. VERTICAL DATUM IS NAVD83.
9. AUTHORIZED DREDGE ELEVATION FOR THE FEDERAL NAVIGATION CHANNEL IS EL. -13.98 (NAVD83), 10 FEET BELOW MEAN LOWER LOW WATER.
10. EXISTING BRIDGE FOUNDATION ELEMENTS WITHIN THE NAVIGATION CHANNEL ARE TO BE REMOVED TO DEPTH AND BELOW THE AUTHORIZED DREDGE ELEVATION TO ALLOW FOR ACCIDENTAL OVER-DREDGING.
11. THE FLOOD ZONE MAP ON DRAWING NO. GEN-6 IS BASED ON FLOOD INSURANCE RATE MAP PANEL 0531 (REVISED JULY 8, 2013).
12. THE 100-YEAR FLOOD ELEVATION VARIES THROUGHOUT THE SITE. SEE FLOOD ZONE MAP (DWG. GEN-6) FOR ADDITIONAL INFORMATION.
13. TURBIDITY CURTAINS SHALL BE TYPE III AND COMPLY WITH ITEM #0210306A - TURBIDITY CONTROL CURTAINS.

**LEGEND:**

- VEGETATED TIDAL WETLAND
- EROSION AND SEDIMENTATION CONTROL
- LIMITS OF RIPRAP

*Steve Caplan*  
CTDEEP Fisheries Division  
8-23-19

**DETAILED CONSTRUCTION ACTIVITIES:**

THESE DRAWINGS INCLUDE SUBSETS THAT DESCRIBE THE SEQUENCE REQUIRED TO PERFORM VARIOUS ACTIVITIES THAT IMPACT REGULATED AREAS WITHIN THE PROJECT LIMITS. THE ORDER IN WHICH THEY ARE PRESENTED IS INTENDED TO CONVEY LOGICAL DEPENDENCIES BETWEEN ACTIVITIES. HOWEVER, IT DOES NOT NECESSARILY INDICATE THE SEQUENCE OF CONSTRUCTION AS MANY OF THESE ACTIVITIES WILL OVERLAP THROUGHOUT THE COURSE OF THE PROJECT. THE DETAILED CONSTRUCTION ACTIVITIES ARE ORDERED AS THEY WILL TAKE PLACE EXISTING AT THE TIME BUT THEY ARE SUBJECT TO DIFFER BASED ON ACTUAL TIMING OF NOTICE TO PROCEED AND THE OVERALL CONSTRUCTION SCHEDULE. PARTICULARLY FOR ACTIVITIES DIRECTLY TIED TO THE DREDGING WINDOW (SEE GENERAL NOTE 5).

| NO. | NAME                    | DESCRIPTION                                                                                                                                                                                        |
|-----|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1   | IMAX REMOVAL            | REMOVAL OF THE EXISTING IMAX THEATER, SITE IMPROVEMENTS FOR CONSTRUCTION, AND RESTORATION UPON PROJECT COMPLETION                                                                                  |
| 2   | DUCTBANK INSTALLATION   | CUT AND COVER TRENCHING OPERATION TO BURY CONDUITS FOR FUTURE PULLING OF CONDUCTORS FOR RAIL AND BRIDGE SYSTEMS                                                                                    |
| 3   | VESSEL RELOCATION       | RECONFIGURATION OF THE VESSEL DOCKS ON THE WEST BANK OF THE RIVER BETWEEN WALK DOCKS AND STAGING YARD DURING CONSTRUCTION AND POST-CONSTRUCTION                                                    |
| 4   | MARINE STAGING YARD     | PERMANENT IMPROVEMENTS TO PROPERTIES ADJACENT TO THE RIVER FOR THE PURPOSE OF STAGING BRIDGE COMPONENTS FOR LIFT SPAN ERECTION AND OTHER STAGING ACTIVITIES THROUGHOUT CONSTRUCTION OF WALK BRIDGE |
| 5   | NORTHWEST TRESTLE       | INSTALLATION AND REMOVAL OF WORK PLATFORMS IN EACH QUADRANT TO BE USED FOR RAIL ACCESS TO THE BRIDGE THROUGHOUT CONSTRUCTION                                                                       |
| 6   | SOUTHWEST TRESTLE       |                                                                                                                                                                                                    |
| 7   | NORTHEAST TRESTLE       |                                                                                                                                                                                                    |
| 8   | SOUTHEAST TRESTLE       |                                                                                                                                                                                                    |
| 9   | PIER 2 CONSTRUCTION     | MEANS AND METHODS FOR CONSTRUCTION OF THE LIFT SPAN TOWER FOUNDATIONS                                                                                                                              |
| 10  | PIER 3 CONSTRUCTION     |                                                                                                                                                                                                    |
| 11  | BARGE MOORING           | MOORING LOCATION IN NORWALK RIVER AND YOUNG ISLAND SOUND USED FOR CONSTRUCTION BARGES                                                                                                              |
| 12  | SUBMARINE CABLE REMOVAL | REMOVAL OF THREE EXISTING SUBMARINE CABLES THAT WILL NO LONGER BE USED UPON COMPLETION OF WALK BRIDGE                                                                                              |
| 13  | SWING SPAN REMOVAL      | SLIDE RAIL SYSTEM INSTALLATION, REMOVAL AND DISASSEMBLY OF THE EXISTING SWING SPAN                                                                                                                 |
| 14  | PIER REMOVAL            | REMOVAL OF EXISTING PIERS IN THE RIVER AFTER REMOVAL OF THE SWING SPAN                                                                                                                             |
| 15  | FENDER INSTALLATION     | INSTALLATION OF THE PROPOSED FENDER SYSTEM AFTER REMOVAL OF THE EXISTING FENDERS AND REST PIERS                                                                                                    |
| 16  | WETLAND MITIGATION      | TREATMENT AND REMOVAL OF INVASIVE SPECIES, SHORELINE AND SALT MARSH RESTORATION, AND ACCESS REQUIREMENTS                                                                                           |
| 17  | DREDGING OPERATIONS     | DREDGING PLANS AT THE BRIDGE, VESSEL DOCKS, AND MARINE STAGING YARD.                                                                                                                               |
| 18  | LIFT SPAN INSTALLATION  | SLIDE-IN AND FLOAT-IN OPERATIONS FOR INSTALLATION OF THE PROPOSED LIFT SPANS.                                                                                                                      |

SCALE:

DRAWN: H. UPSHAW

CHECKED: T. ADINOLFI

APPROVED: C. BROWN

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PROJECT TITLE:

**WALK BRIDGE REPLACEMENT  
OVER THE NORWALK RIVER  
BRIDGE NO. 04288R/MP 41.5**

TOWN:

**NORWALK**

DRAWING TITLE:

**GENERAL NOTES  
AND LEGEND**

PROJECT NO.:

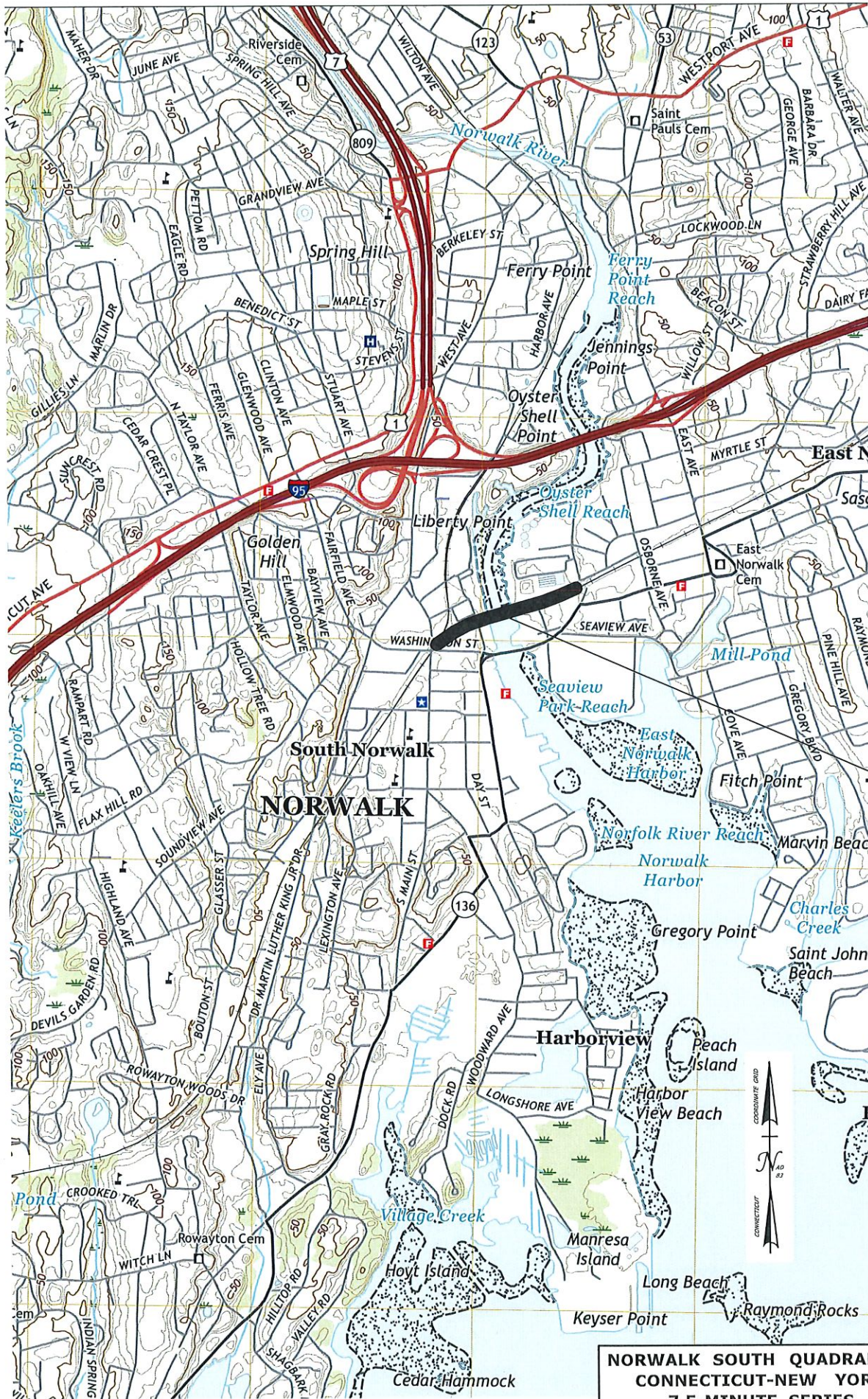
**0301-0176**

DATE:

**8-16-19**

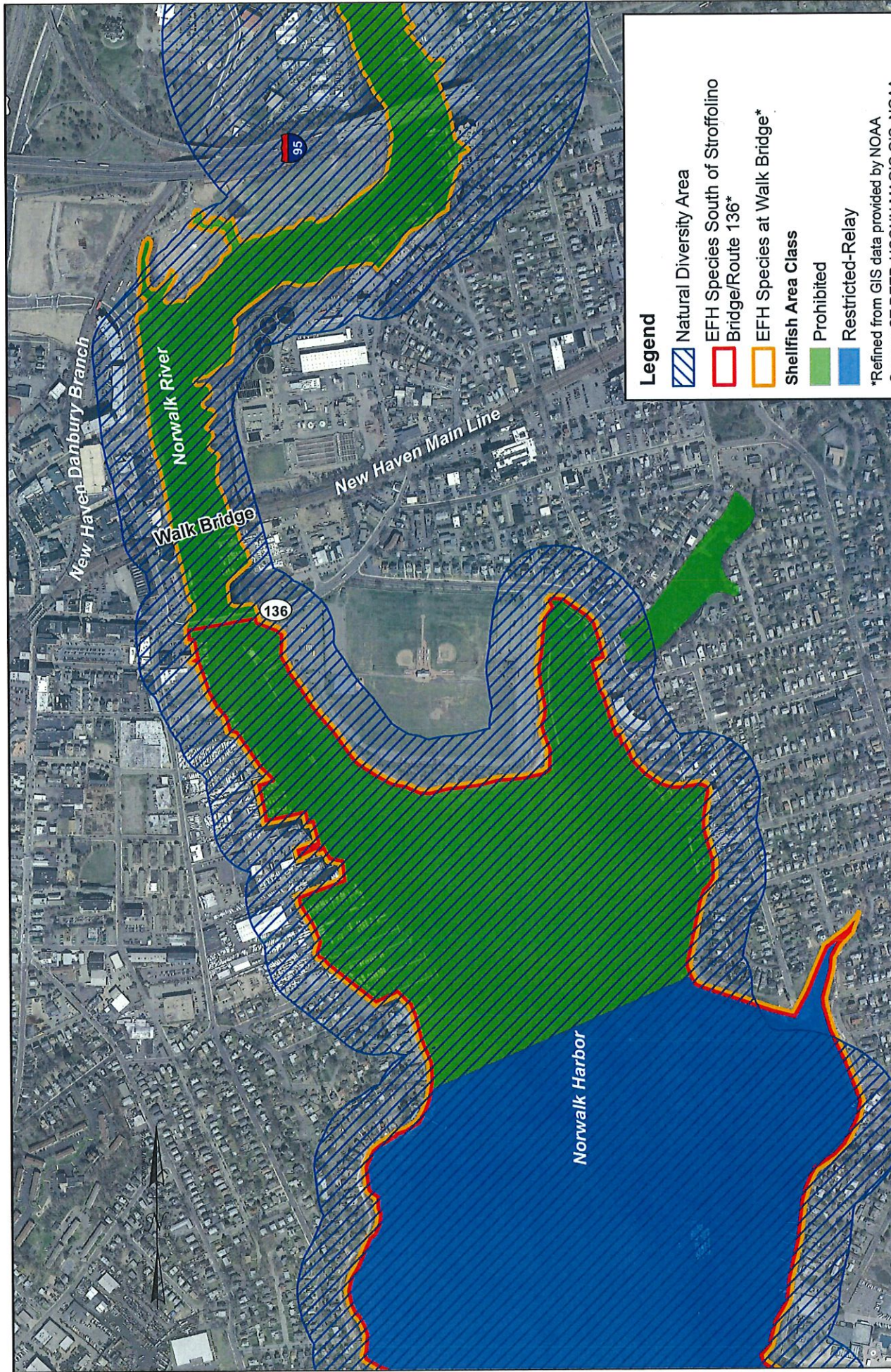
DRAWING NO.:

**GEN-2**



|                   |  |                      |                                     |                                                                                                                                                                                                          |                                                                                                                                              |                                                                                                           |                           |                               |
|-------------------|--|----------------------|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|---------------------------|-------------------------------|
| SCALE: 1" = 2000' |  | DRAWN: H. UPSHAW     |                                     | SIGNATURE BLOCK:<br><br>HNTB CORPORATION<br>1000 WEST 10TH STREET<br>ANN ARBOR MI 48106-1500<br>TEL: (734) 261-2777 | <br>STATE OF CONNECTICUT<br>DEPARTMENT OF TRANSPORTATION | PROJECT TITLE:<br><b>WALK BRIDGE REPLACEMENT<br/>OVER THE NORWALK RIVER<br/>BRIDGE NO. 04288R/MP 41.5</b> | TOWN: <b>NORWALK</b>      | PROJECT NO.: <b>0301-0176</b> |
| 0 1000 2000       |  | CHECKED: T. ADINOLFI | DRAWING TITLE: <b>LOCATION PLAN</b> |                                                                                                                                                                                                          |                                                                                                                                              |                                                                                                           | DATE: <b>8-16-19</b>      |                               |
|                   |  | APPROVED: C. BROWN   |                                     |                                                                                                                                                                                                          |                                                                                                                                              |                                                                                                           | DRAWING NO.: <b>GEN-3</b> |                               |

NORWALK SOUTH QUADRANGLE  
CONNECTICUT-NEW YORK  
7.5-MINUTE SERIES



### Legend

-  Natural Diversity Area
-  EFH Species South of Stroffolino Bridge/Route 136\*
-  EFH Species at Walk Bridge\*
-  Shellfish Area Class
-  Prohibited
-  Restricted-Relay

\*Refined from GIS data provided by NOAA  
Source: CT DEEP, UCONN MAGIC GIS, NOAA

### AQUATIC RESOURCES, SPECIES, AND CRITICAL HABITAT

|                                        |                         |                                                                                                                                                        |
|----------------------------------------|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| SCALE:<br>SCALE 1" = 800'<br>0 400 800 | DRAWN:<br>H. UPSHAW     | SIGNATURE BLOCK:                                                                                                                                       |
|                                        | CHECKED:<br>T. ADINOLFI | <b>HNTB</b><br><small>HNTB CORPORATION<br/>         100 MAIN STREET, SUITE 200<br/>         NORWALK, CT 06851<br/>         TEL: (404) 251-7277</small> |
|                                        | APPROVED:<br>C. BROWN   |                                                                                                                                                        |



**WALK BRIDGE REPLACEMENT  
OVER THE NORWALK RIVER  
BRIDGE NO. 04288R/MP 41.5**

|                |                                |
|----------------|--------------------------------|
| PROJECT NO.:   | 0301-0176                      |
| TOWN:          | NORWALK                        |
| DRAWING TITLE: | RESOURCE MAP<br>(SHEET 1 OF 2) |
| DATE:          | 8-16-19                        |
| DRAWING NO.:   | GEN-4                          |



**Legend**

- Coastal Boundary
- Developed Shorefront
- Modified Bluffs and Escarpments
- Intertidal Flats
- EM Estuarine Embayment

Note: Refer to other Resource figures for field-delineated tidal wetlands and intertidal flats, Coastal Flood Hazard Area, and Shellfish Area Class in project vicinity.  
 Source: CTDEEP, UCONN MAGIC GIS, CT Coastal Resources Map (1979), interpreted

**COASTAL RESOURCES**

SCALE: 1" = 800'

0 400 800

|                     |                         |                       |
|---------------------|-------------------------|-----------------------|
| DRAWN:<br>H. UPSHAW | CHECKED:<br>T. ADINOLFI | APPROVED:<br>C. BROWN |
|---------------------|-------------------------|-----------------------|

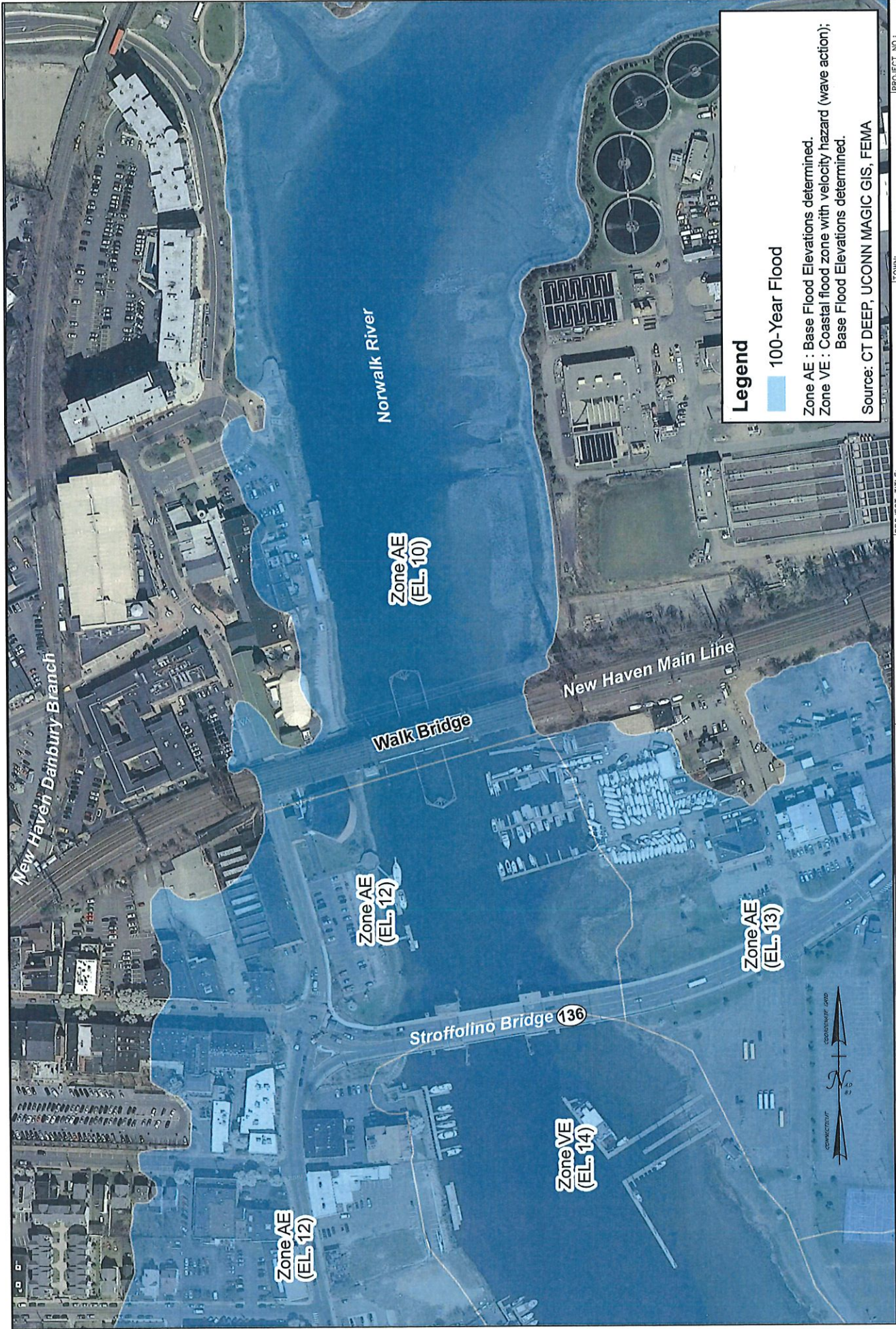
HNTB

HNTB CORPORATION  
1000 HILL STREET  
NEWTON, MA 02459  
TEL: (617) 552-7277



**WALK BRIDGE REPLACEMENT  
OVER THE NORWALK RIVER  
BRIDGE NO. 04288R/MP 41.5**

|                                  |                              |                                                                                                           |
|----------------------------------|------------------------------|-----------------------------------------------------------------------------------------------------------|
| PROJECT NO.:<br><b>0301-0176</b> | TOWN:<br><b>NORWALK</b>      | PROJECT TITLE:<br><b>WALK BRIDGE REPLACEMENT<br/>OVER THE NORWALK RIVER<br/>BRIDGE NO. 04288R/MP 41.5</b> |
| DATE:<br><b>8-16-19</b>          | DRAWING NO.:<br><b>GEN-5</b> |                                                                                                           |



**Legend**

100-Year Flood

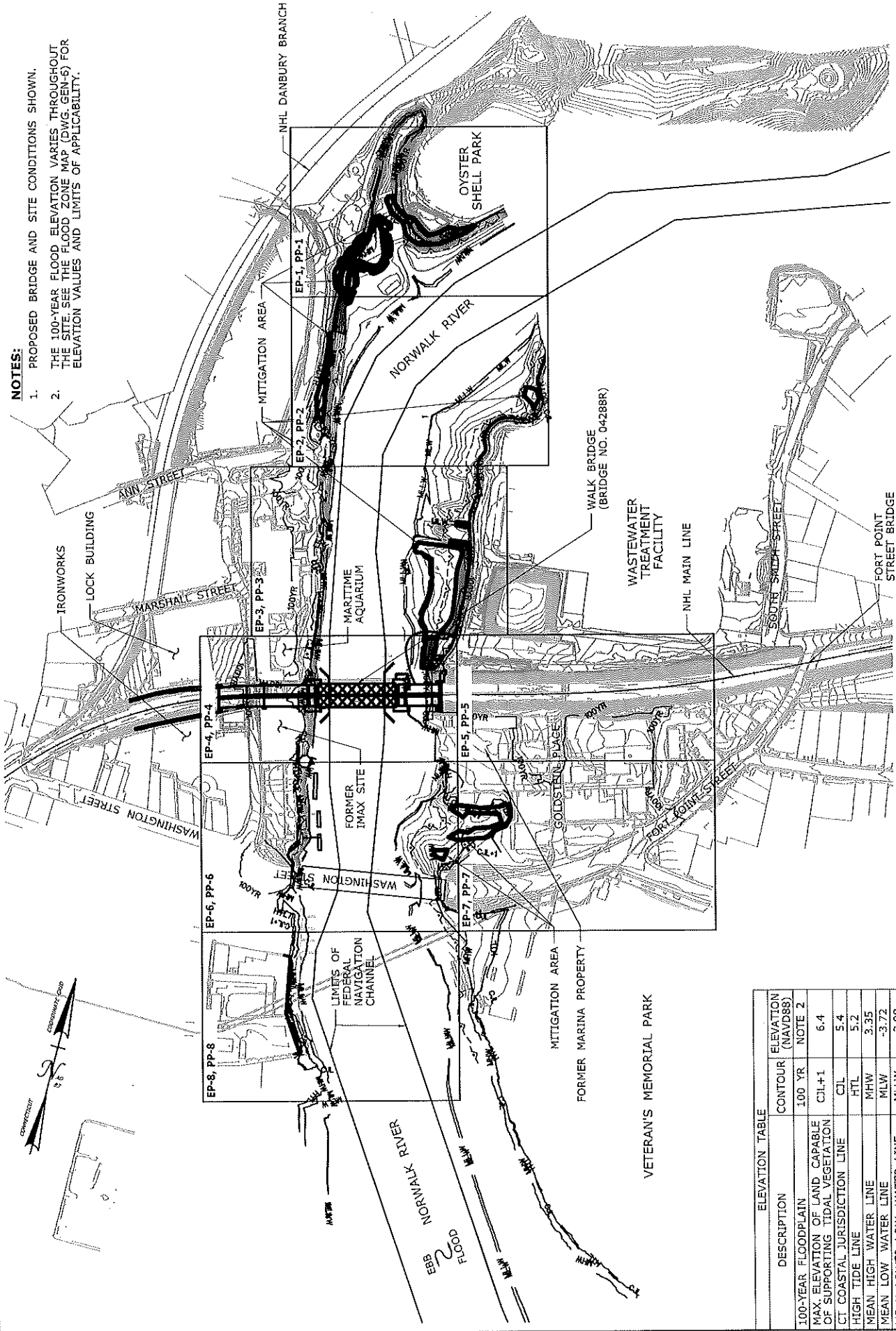
Zone AE : Base Flood Elevations determined.  
 Zone VE : Coastal flood zone with velocity hazard (wave action);  
 Base Flood Elevations determined.

Source: CT DEEP, UCONN MAGIC GIS, FEMA

|                                                          |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                                                                                                                        |  |                                  |  |
|----------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------|--|----------------------------------|--|
| <br>STATE OF CONNECTICUT<br>DEPARTMENT OF TRANSPORTATION |  | PROJECT TITLE:<br><b>WALK BRIDGE REPLACEMENT<br/>OVER THE NORWALK RIVER<br/>BRIDGE NO. 04288R/MP 41.5</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  | TOWN:<br><b>NORWALK</b>                                                                                                |  | PROJECT NO.:<br><b>0301-0176</b> |  |
| DRAWN:<br><b>H. UPSHAW</b>                               |  | CHECKED:<br><b>T. ADINOLFI</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | DATE:<br><b>8-16-19</b>                                                                                                |  | DRAWING NO.:<br><b>GEN-6</b>     |  |
| APPROVED:<br><b>C. BROWN</b>                             |  | SCALE: 1" = 250'<br><div style="display: flex; align-items: center;"> <div style="width: 100px; border-bottom: 1px solid black; position: relative;"> <span style="position: absolute; left: 0; top: -5px;">0</span> <span style="position: absolute; right: 0; top: -5px;">250</span> </div> <div style="margin-left: 10px;"> <div style="width: 100%; height: 2px; background: linear-gradient(to right, black 49%, white 49%, white 51%, black 51%);"></div> <div style="display: flex; justify-content: space-between; width: 100%;"> <span>0</span> <span>125</span> <span>250</span> </div> </div> </div> |  | <b>HNTB</b><br><small>HNTB CORPORATION<br/>1000 WASHINGTON STREET<br/>NEWTON, MA 02459<br/>TEL: (617) 552-3777</small> |  |                                  |  |

**NOTES:**

1. PROPOSED BRIDGE AND SITE CONDITIONS SHOWN.
2. THE 100-YEAR FLOOD ELEVATION VARIES THROUGHOUT THE SITE. SEE THE FLOOD ZONE MAP (DWG. GEN-6) FOR ELEVATION VALUES AND LIMITS OF APPLICABILITY.



| ELEVATION TABLE                                               |                    |
|---------------------------------------------------------------|--------------------|
| DESCRIPTION                                                   | ELEVATION (NAVD88) |
| 100-YEAR FLOODPLAIN                                           | 100 YR NOTE 2      |
| MAX. ELEVATION OF LAND CAPABLE OF SUPPORTING TIDAL VEGETATION | CL+1 6.4           |
| CT COASTAL JURISDICTION LINE                                  | CL 5.4             |
| HIGH TIDE LINE                                                | HTL 5.2            |
| MEAN HIGH WATER LINE                                          | MHW 3.35           |
| MEAN LOW WATER LINE                                           | MLW -3.72          |
| MEAN LOWER LOW WATER LINE                                     | MLLW -3.98         |

SCALE: 1" = 400'

0 200 400

DRAWN: H. UPSHAW  
CHECKED: T. ADINOLFI  
APPROVED: C. BROWN

**HNTB**  
HNTB CORPORATION  
100 WALL STREET  
NEW YORK, NY 10038



PROJECT TITLE:  
**WALK BRIDGE REPLACEMENT  
OVER THE NORWALK RIVER  
BRIDGE NO. 04288R/MP 41.5**

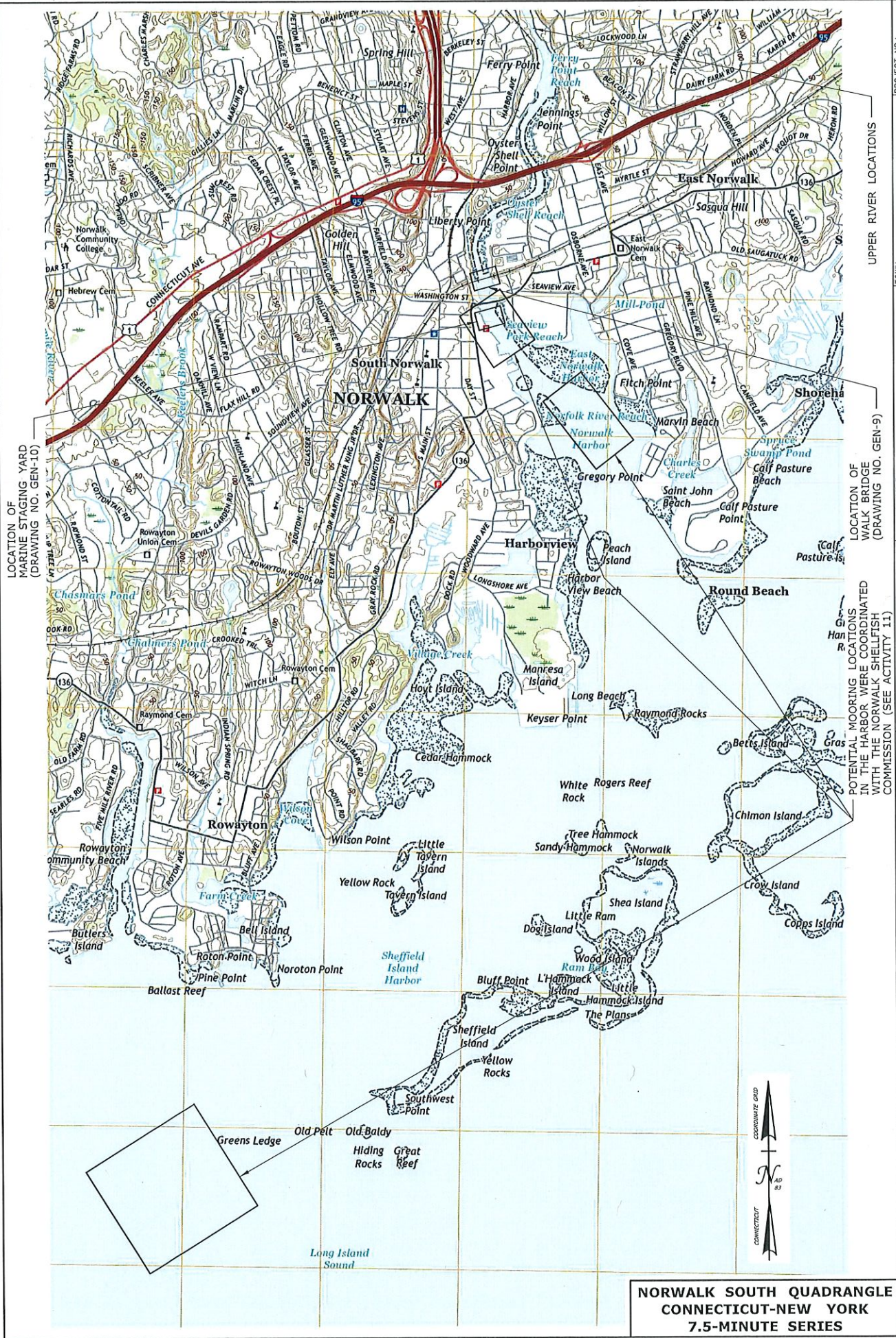
TOWN:  
**NORWALK**

DRAWING TITLE:  
**SITE PLAN/KEY MAP**

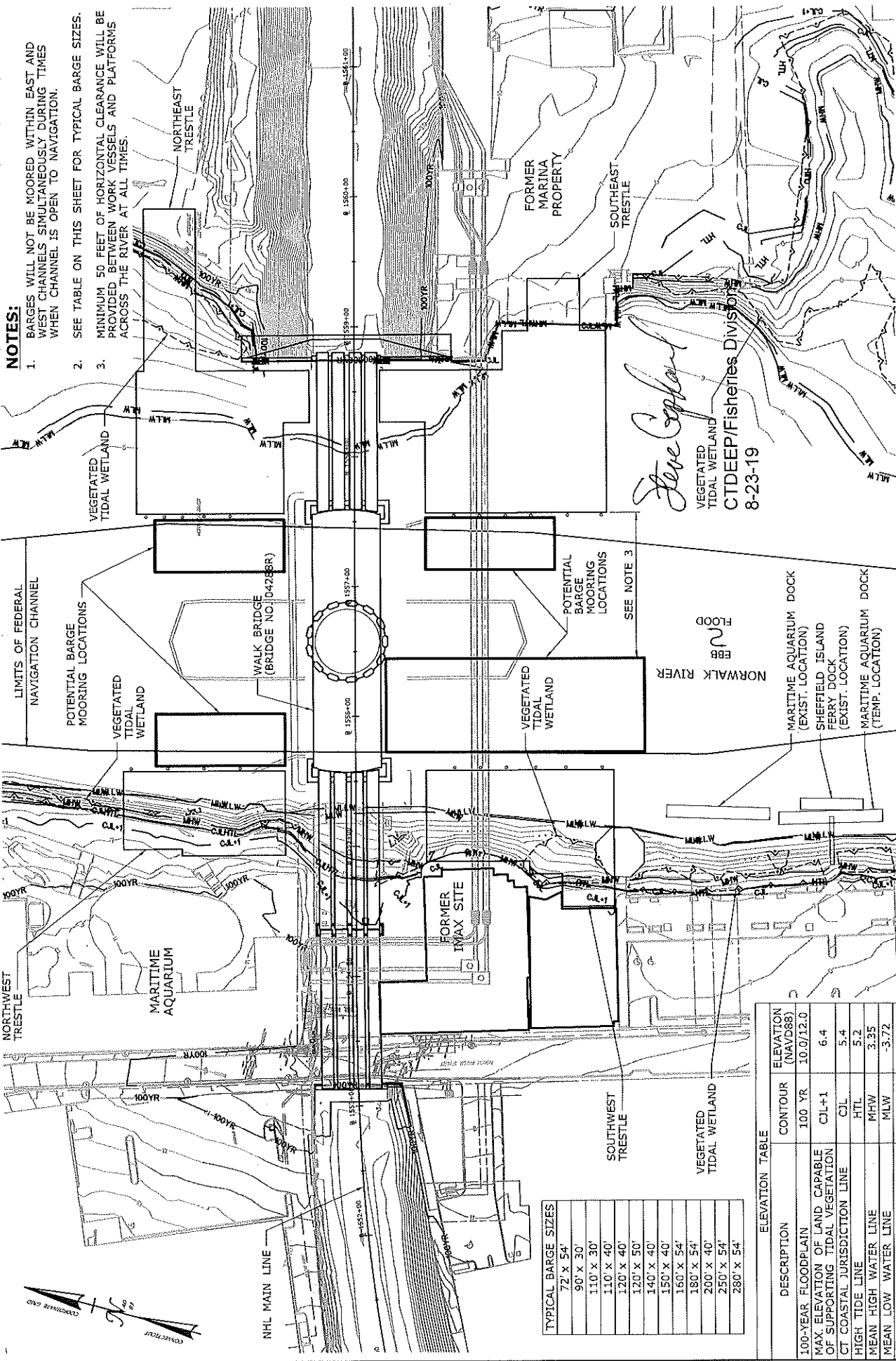
PROJECT NO.:  
**0301-0176**

DATE:  
**8-16-19**

DRAWING NO.:  
**GEN-7**



|                                                                                         |  |
|-----------------------------------------------------------------------------------------|--|
| PROJECT NO.: 0301-0176<br>DATE: 8-16-19<br>DRAWING NO.: GEN-8                           |  |
| TOWN: NORWALK<br>DRAWING TITLE: VESSEL BERTHING PLAN OVERALL (SHEET 1 OF 3)             |  |
| PROJECT TITLE: WALK BRIDGE REPLACEMENT OVER THE NORWALK RIVER BRIDGE NO. 04288R/MP 41.5 |  |
| STATE OF CONNECTICUT<br>DEPARTMENT OF TRANSPORTATION                                    |  |
| SIGNATURE BLOCK:<br>DRAWN: H. UPSHAW<br>CHECKED: T. ADINOLFI<br>APPROVED: C. BROWN      |  |
| SCALE: 1" = 3000'<br>0 1500 3000                                                        |  |



- NOTES:**
1. BARGES WILL NOT BE MOORED WITHIN EAST AND WEST CHANNELS SIMULTANEOUSLY DURING TIMES WHEN CHANNEL IS OPEN TO NAVIGATION.
  2. SEE TABLE ON THIS SHEET FOR TYPICAL BARGE SIZES.
  3. MINIMUM 50 FEET OF HORIZONTAL CLEARANCE WILL BE PROVIDED BETWEEN WORK VESSELS AND PLATFORMS ACROSS THE RIVER AT ALL TIMES.

**TYPICAL BARGE SIZES**

|            |
|------------|
| 72' x 54'  |
| 90' x 30'  |
| 110' x 30' |
| 110' x 40' |
| 120' x 40' |
| 120' x 50' |
| 140' x 40' |
| 150' x 40' |
| 160' x 54' |
| 180' x 54' |
| 200' x 40' |
| 250' x 54' |
| 280' x 54' |

**ELEVATION TABLE**

| DESCRIPTION                                                   | CONTOUR | ELEVATION (NAVD88) |
|---------------------------------------------------------------|---------|--------------------|
| 100-YEAR FLOODPLAIN                                           | 100 YR  | 10.0/12.0          |
| MAX. ELEVATION OF LAND CAPABLE OF SUPPORTING TIDAL VEGETATION | CIL+1   | 6.4                |
| CT COASTAL JURISDICTION LINE                                  | CIL     | 5.4                |
| HIGH TIDE LINE                                                | HTL     | 5.2                |
| MEAN HIGH WATER LINE                                          | MHW     | 3.35               |
| MEAN LOW WATER LINE                                           | MLW     | -3.72              |
| MEAN LOWER LOW WATER LINE                                     | MLLW    | -3.98              |

SCALE: 1" = 100'

DRAWN: H. UPSHAW  
CHECKED: T. ADINOLFI  
APPROVED: C. BROWN

**PROJECT TITLE:** WALK BRIDGE REPLACEMENT OVER THE NORWALK RIVER  
**BRIDGE NO. 04288R/MP 41.5**

**TOWN:** NORWALK

**PROJECT NO.:** 0301-0176

**DRAWING TITLE:** VESSEL BERTHING PLAN  
**WALK BRIDGE (SHEET 2 OF 3)**

**DATE:** 8-16-19

**DRAWING NO.:** GEN-9

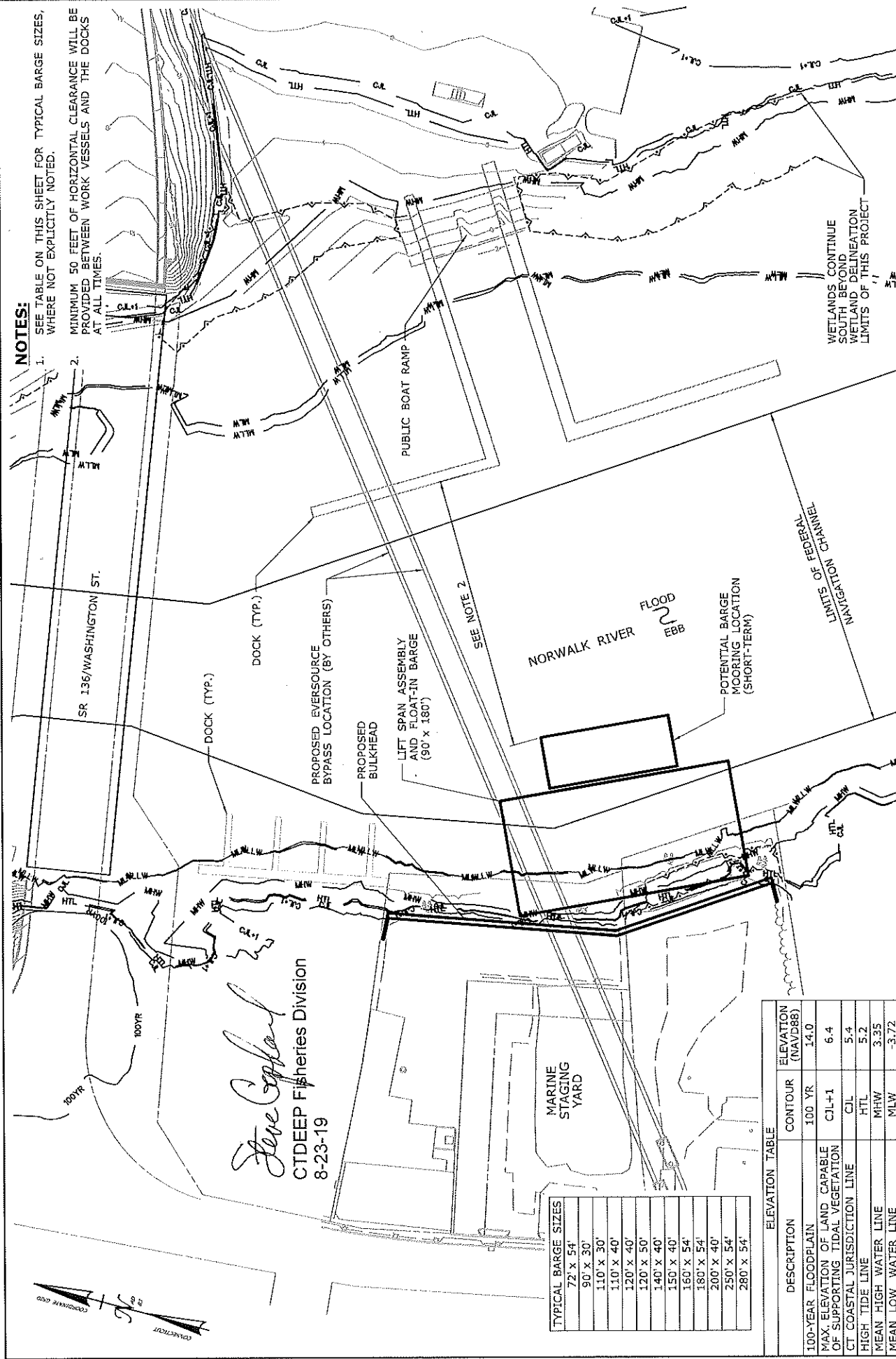
**STATE OF CONNECTICUT**  
**DEPARTMENT OF TRANSPORTATION**

**HNTB**  
HNTB CORPORATION  
100 WALL STREET  
NEW HAVEN, CT 06511

**SIGNATURE BLOCK:**  
H. UPSHAW  
T. ADINOLFI  
C. BROWN

**NOTES:**

1. SEE TABLE ON THIS SHEET FOR TYPICAL BARGE SIZES, WHERE NOT EXPLICITLY NOTED.
2. MINIMUM 50 FEET OF HORIZONTAL CLEARANCE WILL BE PROVIDED BETWEEN WORK VESSELS AND THE DOCKS AT ALL TIMES.



**TYPICAL BARGE SIZES**

|            |
|------------|
| 72' x 54'  |
| 90' x 30'  |
| 110' x 30' |
| 110' x 40' |
| 120' x 40' |
| 120' x 50' |
| 140' x 40' |
| 150' x 40' |
| 160' x 54' |
| 180' x 54' |
| 200' x 40' |
| 250' x 54' |
| 280' x 54' |

**ELEVATION TABLE**

| DESCRIPTION                                                   | CONTOUR | ELEVATION (NAVD88) |
|---------------------------------------------------------------|---------|--------------------|
| 100-YEAR FLOODPLAIN                                           | 100 YR  | 14.0               |
| MAX. ELEVATION OF LAND CAPABLE OF SUPPORTING TIDAL VEGETATION | CIL+1   | 6.4                |
| CT COASTAL JURISDICTION LINE                                  | CIL     | 5.4                |
| HIGH TIDE LINE                                                | HTL     | 5.2                |
| MEAN HIGH WATER LINE                                          | MHW     | 3.35               |
| MEAN LOW WATER LINE                                           | MLW     | -3.72              |
| MEAN LOWER LOW WATER LINE                                     | MLLW    | -3.98              |

SCALE: 1" = 100'

**HNTB**

DATE: 8-16-19  
DRAWING NO.: GEN-10

CHECKED: T. ADINOLFI  
APPROVED: C. BROWN

DRAWN: H. UPSHAW

SIGNATURE BLOCK:

**STATE OF CONNECTICUT**  
DEPARTMENT OF TRANSPORTATION

**WALK BRIDGE REPLACEMENT OVER THE NORWALK RIVER**  
BRIDGE NO. 04288R/MP 41.5

**NORWALK**

**VESSEL BERTHING PLAN**  
**MARINE STAGING YARD**  
(SHEET 3 OF 3)

PROJECT NO.: 0301-0176  
DATE: 8-16-19  
DRAWING NO.: GEN-10



|                            |                                                                         |                                                                                                                    |                                                                                                                                               |                                                                                     |                                                                                                           |                         |                                  |
|----------------------------|-------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-------------------------|----------------------------------|
| SCALE:<br><br>NOT TO SCALE | DRAWN:<br>H. UPSHAW<br>CHECKED:<br>T. ADINOLFI<br>APPROVED:<br>C. BROWN | SIGNATURE BLOCK:<br><b>HNTB</b><br>HNTB CORPORATION<br>1000 HILL STREET<br>NEWTON, MA 02459<br>TEL: (617) 552-7277 | <br>STATE OF CONNECTICUT<br>DEPARTMENT OF TRANSPORTATION |  | PROJECT TITLE:<br><b>WALK BRIDGE REPLACEMENT<br/>OVER THE NORWALK RIVER<br/>BRIDGE NO. 04288R/MP 41.5</b> | TOWN:<br><b>NORWALK</b> | PROJECT NO.:<br><b>0301-0176</b> |
|                            |                                                                         |                                                                                                                    |                                                                                                                                               |                                                                                     | DRAWING TITLE:<br><b>PARCEL MAP<br/>(SHEET 1 OF 2)</b>                                                    | DATE:<br><b>8-16-19</b> | DRAWING NO.:<br><b>GEN-11</b>    |



|                            |                         |                                                                                                                         |                                                                                                                                               |                                                                                                               |                             |                                  |
|----------------------------|-------------------------|-------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|-----------------------------|----------------------------------|
| SCALE:<br><br>NOT TO SCALE | DRAWN:<br>H. UPSHAW     | SIGNATURE BLOCK:<br><br><b>HNTB</b><br>HNTB CORPORATION<br>1000 MAIN STREET<br>NORWALK, CT 06857<br>TEL: (203) 837-7777 | <br>STATE OF CONNECTICUT<br>DEPARTMENT OF TRANSPORTATION | PROJECT TITLE:<br><br><b>WALK BRIDGE REPLACEMENT<br/>OVER THE NORWALK RIVER<br/>BRIDGE NO. 04288R/MP 41.5</b> | TOWN:<br><br><b>NORWALK</b> | PROJECT NO.:<br><b>0301-0176</b> |
|                            | CHECKED:<br>T. ADINOLFI |                                                                                                                         |                                                                                                                                               | DRAWING TITLE:<br><br><b>PARCEL MAP<br/>(SHEET 2 OF 2)</b>                                                    | DATE:<br><b>8-16-19</b>     | DRAWING NO.:<br><b>GEN-12</b>    |

## Samorajczyk, Christopher W

---

**From:** Williams, Bruce  
**Sent:** Thursday, August 22, 2019 4:56 PM  
**To:** Gephard, Steve  
**Cc:** Samorajczyk, Christopher W  
**Subject:** FW: CTDOT 301-176 WALK Bridge  
**Attachments:** CTDOT 301-176\_PermitPlates\_GEN\_Only\_CTDEEP Marine Fisheries.pdf

Steve,

Please sign-off on the attached plans and forward them to Chris Samorajczyk. All of our concerns have been addressed with restrictions that equal or exceed our recommendations.

*Bruce Williams  
Fisheries Biologist  
Diadromous Fish and Habitat Conservation and Enhancement Programs  
Connecticut Department of Energy and Environmental Protection  
Bureau of Natural Resources – Fisheries Division  
Marine Headquarters - P.O. Box 719 / 333 Ferry Rd.  
Old Lyme, CT 06371  
P: 860.447.4317 / F: 860.434.6150 / E: [bruce.williams@ct.gov](mailto:bruce.williams@ct.gov)*



Connecticut Department of

**ENERGY &  
ENVIRONMENTAL  
PROTECTION**

---

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Ensuring a clean, affordable, reliable, and sustainable energy supply*

---

**From:** Samorajczyk, Christopher W  
**Sent:** Thursday, August 22, 2019 1:26 PM  
**To:** Williams, Bruce <[Bruce.Williams@ct.gov](mailto:Bruce.Williams@ct.gov)>; Gephard, Steve <[Steve.Gephard@ct.gov](mailto:Steve.Gephard@ct.gov)>  
**Subject:** CTDOT 301-176 WALK Bridge

Hi Bruce/ Steve-

Attached are the final General Plates for CTDOT 301-176 WALK Bridge replacement over the Norwalk River. There are actually 160 Permit Plates for this job but thought just sending you the GEN set would be best. Pay close attention to GEN-2—The General Notes have the in water commitments that you would be interested in. We do not have a note to address the unconfined window from NMFS 2/1-9/30 or CTDEEP 4/1-6/30 only because we put a more stringent restriction on the Contractor where any in water work must be behind containment throughout the whole year. This Project has been aggressively reviewed by NMFS GARFO HCD and PRD. If you get a chance and do not have any

questions please sign and return—we are looking to submit the Structures and Dredging Permit to CTDEEP LWRD next week---finally. If there are any issues with the review and or the attachment let me know ---talk soon  
Chris

**Christopher W. Samorajczyk**  
**Wildlife Biologist**  
**Connecticut Department of Transportation**  
**Office of Environmental Planning**  
**Bureau of Policy & Planning**  
P: 860-594-2938 / F: 860-594-3028 / E: [christopher.samorajczyk@ct.gov](mailto:christopher.samorajczyk@ct.gov)



---

**From:** Williams, Bruce <[Bruce.Williams@ct.gov](mailto:Bruce.Williams@ct.gov)>  
**Sent:** Friday, December 21, 2018 1:24 PM  
**To:** Samorajczyk, Christopher W <[Christopher.Samorajczyk@ct.gov](mailto:Christopher.Samorajczyk@ct.gov)>  
**Cc:** Gephard, Steve <[Steve.Gephard@ct.gov](mailto:Steve.Gephard@ct.gov)>  
**Subject:** RE: CTDOT 301-176WALK Bridge

Chris,  
I looked through the original consultation package and everything seems to be fine. All our big issues like TOYs are covered. My guess is that Mark Johnson addressed anything that would be of any concern to us. You did mention that there will be some minor changes to the proposal, like where and when bubble curtains are used. I know that NMFS will probably want bubble curtains in place whenever any pile driving is being done when we suspect that sturgeon are in the area, but I will defer to them on those decisions.

If any major changes in the plans do occur, please keep us updated.

Bruce

*Bruce Williams*  
*Fisheries Biologist*  
*Diadromous Fish and Habitat Conservation and Enhancement Programs*  
*Connecticut Department of Energy and Environmental Protection*  
*Bureau of Natural Resources – Fisheries Division*  
*Marine Headquarters - P.O. Box 719 / 333 Ferry Rd.*  
*Old Lyme, CT 06371*  
P: 860.447.4317 / F: 860.434.6150 / E: [bruce.williams@ct.gov](mailto:bruce.williams@ct.gov)



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**NOTE: Due to staff reductions, the Inland Fisheries Division and the Marine Fisheries Division have been merged into one division. Effective immediately, all DEEP fisheries staff are part of one division called the Fisheries Division.**

[www.ct.gov/deep](http://www.ct.gov/deep)

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Ensuring a clean, affordable, reliable, and sustainable energy supply*

---

**From:** Samorajczyk, Christopher W  
**Sent:** Thursday, December 20, 2018 7:25 AM  
**To:** Williams, Bruce <[Bruce.Williams@ct.gov](mailto:Bruce.Williams@ct.gov)>; Gephard, Steve <[Steve.Gephard@ct.gov](mailto:Steve.Gephard@ct.gov)>  
**Cc:** Davis, Andrew H <[Andrew.H.Davis@ct.gov](mailto:Andrew.H.Davis@ct.gov)>  
**Subject:** FW: CTDOT 301-176WALK Bridge

Hi Bruce/Steve-

Just wanted to see if you guys have any additional concerns or want to sit down and discuss the WALK Bridge replacement. We are going to reinitiate consultation with NMFS PRD and HCD due to some turbidity and acoustic testing that was unknown when we started consultation this past summer. The big TOYs are in place for no in water work April 1 through June 30<sup>th</sup>, no silt producing activities Feb. 1 through September 30<sup>th</sup>, soft starts on any new driving shift, and 12 on 12 off for any pile driving during April 1 through June 30<sup>th</sup>. All work will be done behind marine enclosures and turbidity controls. We will only be dredging in December and January. Attached is the original consultation package that was concurred with by NMFS. Some of the commitments like bubble curtains we are changing. Let me know what you guys think and we can discuss --talk soon  
Thanks, Chris

---

**From:** Samorajczyk, Christopher W  
**Sent:** Wednesday, October 31, 2018 11:43 AM  
**To:** Williams, Bruce <[Bruce.Williams@ct.gov](mailto:Bruce.Williams@ct.gov)>  
**Cc:** Gephard, Steve <[Steve.Gephard@ct.gov](mailto:Steve.Gephard@ct.gov)>; Davis, Andrew H <[Andrew.H.Davis@ct.gov](mailto:Andrew.H.Davis@ct.gov)>  
**Subject:** CTDOT 301-176WALK Bridge

Hi Bruce-

Just wanted to bring you up to speed on CTDOT 301-176 WALK Bridge replacement. Before Mark J left he had worked on this project and commented on some break out projects including CTDOT 301-181 which is the placement of submarine cables being trenched in before the WALK Bridge replacement starts. This as well as any open water dredging will only occur during the months of December and January. The Department has made numerous commitments to NMFS GARFO based on consultations with them for this project. Some of the commitments also came from Mark before he retired. The main concern Mark had was the anadromous fish (river herring) migration up the Norwalk River in spring to spawn in freshwater reaches. The period of migration is typically from April 1 to June 30. Through State and NMFS consultations we will only be pile driving during the periods of April 1 through June 30 and September 1 through November 30 between one hour after sunrise to one hour before sunset. There is no open water work except the dredging activities that will take place only in December and January. The Department has also been in extensive talks with the Shellfish Commission to protect their interests and the industry throughout the River/Harbor. I have attached the Department's submittal to NMFS GARFO for both the EFH and ESA consultations both which have been approved. This gives a good overview of the WALK Bridge project as well as all the commitments (sheet 1 of 24) we have placed on the Contactor. We are currently developing the Permit Plates for the Structures & Dredging Permit. Let me know if you have any additional concerns and we can discuss—talk soon  
Chris

**Christopher W. Samorajczyk**  
**Wildlife Biologist**