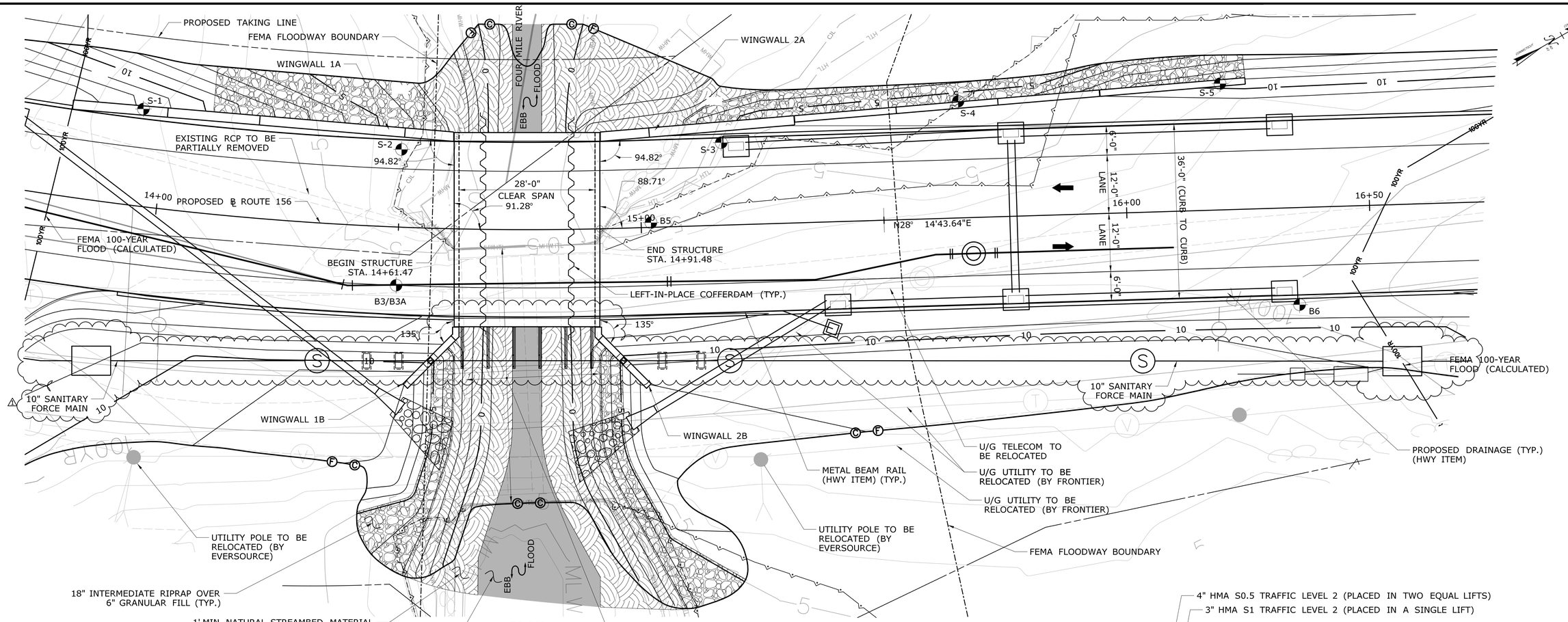
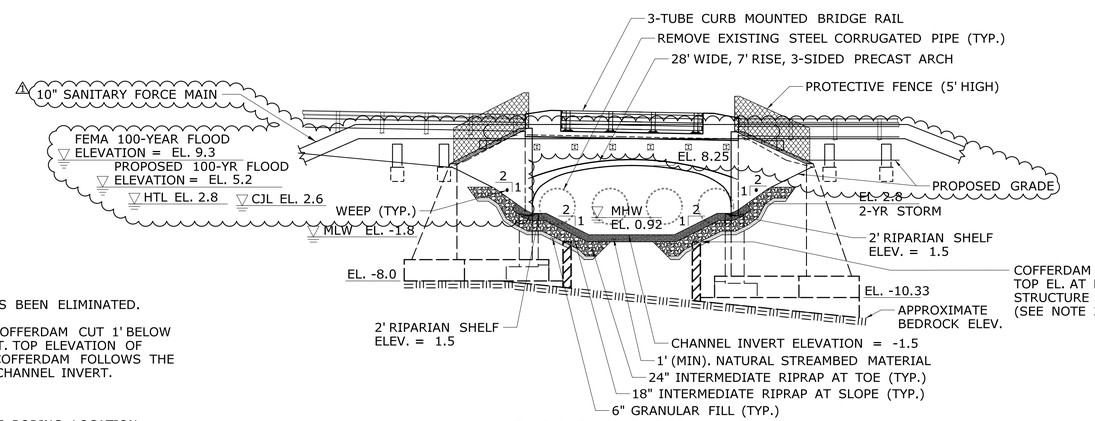


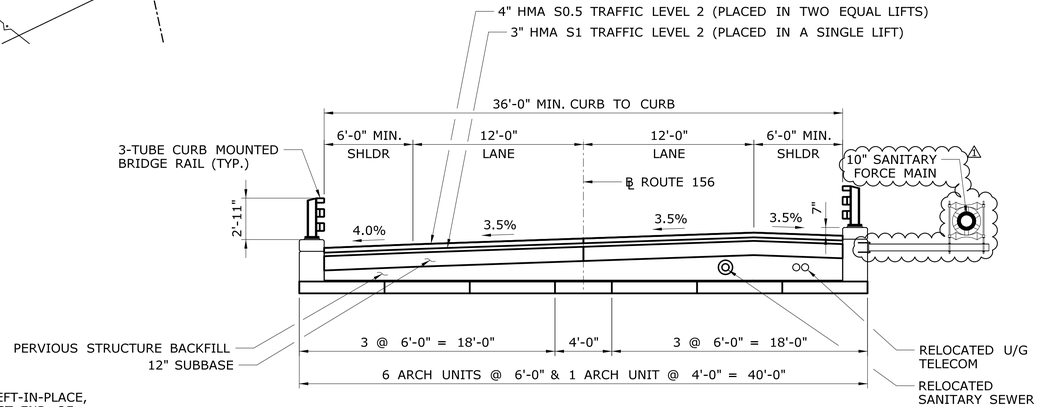
PLAN

SCALE: $\frac{3}{32}$ " = 1'-0"



EAST ELEVATION

SCALE: $\frac{3}{32}$ " = 1'-0"



SECTION AT ARCH MID-SPAN

SCALE: $\frac{3}{16}$ " = 1'-0"

NOTE:

1. BORING B-4 HAS BEEN ELIMINATED.
2. LEFT-IN-PLACE COFFERDAM CUT 1' BELOW CHANNEL INVERT. TOP ELEVATION OF LEFT-IN-PLACE COFFERDAM FOLLOWS THE SLOPE OF THE CHANNEL INVERT.

LEGEND

- APPROXIMATE BORING LOCATION

ADDENDUM NO. 2

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
1	1.31.25	ADD SANITARY FORCE MAIN	07.02

Plotted Date: 2/6/2025

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

DESIGNER/DRAFTER: N. ROSSI/M. NAFIS
CHECKED BY: S. NALITZ
SCALE AS NOTED

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\SB..MSH..0104..0175..(102)..Br02713-GPE-1.dgn

DESIGNED BY:
PRIME AE GROUP, INC.
100 GREAT MEADOW ROAD
6TH FLOOR
WETHERSFIELD, CT 06109

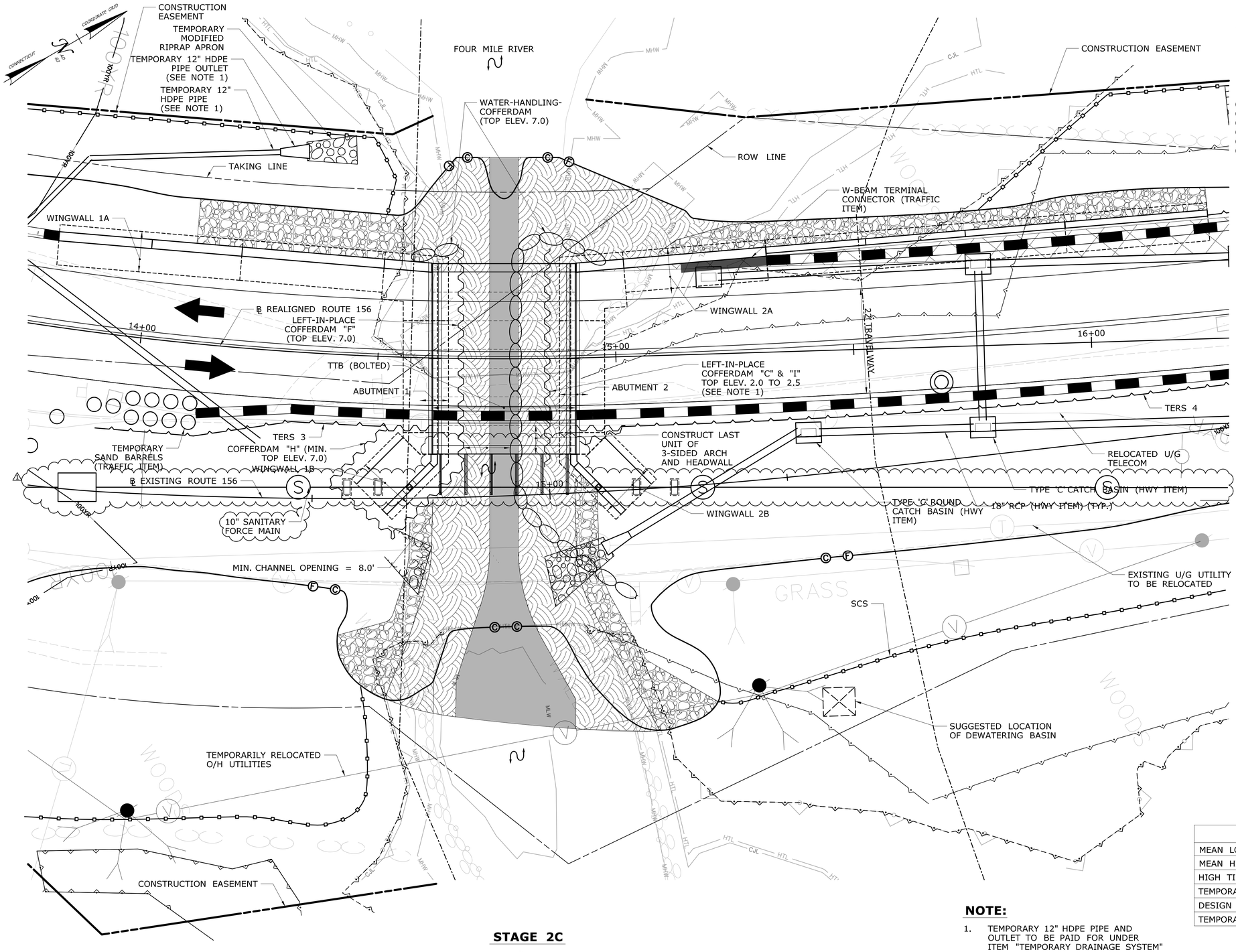
SIGNATURE/BLOCK:
PRIME AE®
STATE OF CONNECTICUT STANLEY A NALITZ 37619 LICENSED PROFESSIONAL ENGINEER
Stanley A Nalitz
2025.02.06
15:53:23-05'00'

PROJECT TITLE:
REPLACEMENT OF BRIDGE NO. 02713, ROUTE 156 OVER FOUR MILE RIVER

TOWN: **OLD LYME EAST LYME**

DRAWING TITLE: **GENERAL PLAN, ELEVATION AND SECTION**

PROJECT NO. **104-175**
DRAWING NO. **S-02**
SHEET NO. **07.02.A2**



STAGE 2C

SCALE: $^{3}/_{32}$" = 1'-0"

SUGGESTED SEQUENCE OF CONSTRUCTION:

STAGE 2C

1. REMOVE COFFERDAM "J" AND RELOCATE WATER-HANDLING-COFFERDAM AS SHOWN AND DEWATER WORKZONE.
2. ERECT LAST UNIT OF PRECAST CONCRETE ARCH AND HEADWALL.
3. INSTALL 10" SANITARY FORCE MAIN. ⚠1
4. PARTIALLY REMOVE COFFERDAM "I" AS SHOWN.
5. BACKFILL UP TO THE TOP OF THE CONCRETE ARCH AT THE NORTH SIDE OF THE ARCH.
6. CUT LEFT-IN-PLACE COFFERDAM "C" & "I".
7. COMPLETE CHANNEL BED ESTABLISHMENT WITHIN THE WORKZONE.
8. INSTALL DRAINAGE SYSTEM (18" RCP AND CATCH BASINS) AS SHOWN (HWY ITEM).

NOTE:

1. CUT LEFT-IN-PLACE COFFERDAM 1' BELOW CHANNEL INVERT. TOP OF LEFT-IN-PLACE COFFERDAM SHALL SLOPE PARALLEL WITH CHANNEL INVERT.

LEGEND:

- MLW - MEAN LOW WATER (ELEV. = -1.80')
- MHW - MEAN HIGH WATER (ELEV. = 0.92')
- CJL - COASTAL JURISDICTION LINE (ELEV. = 2.60')
- HTL - HIGH TIDE LINE (ELEV. = 2.83')
- STATE/FEDERAL INLAND WETLANDS
- TIDAL WETLAND LIMIT
- 100YR - FEMA 100-YEAR FLOOD (CALCULATED)
- HIGHWAY RIGHT-OF-WAY (ROW) LINE
- CONSTRUCTION EASEMENT LIMIT
- Ⓒ Ⓒ - CUT SLOPE LIMIT
- Ⓕ Ⓕ - FILL SLOPE LIMIT
- 18" INTERMEDIATE RIPRAP AND OVER 6" GRANULAR FILL
- 1' NATURAL STREAMBED MATERIAL OVER 18" INTERMEDIATE RIPRAP AND OVER 6" GRANULAR FILL
- 1' NATURAL STREAMBED MATERIAL
- TEMPORARY PAVEMENT
- COFFERDAM
- TEMPORARY EARTH RETAINING SYSTEM (TERS)
- TEMPORARY TRAFFIC BARRIER (TTB) (PINNED) UNLESS NOTED OTHERWISE
- SEDIMENTATION CONTROL SYSTEM (SCS)

TEMPORARY HYDRAULIC DATA - STAGE 2C		
MEAN LOW WATER (FT)	-1.8	
MEAN HIGH WATER (FT)	0.9	
HIGH TIDE LINE (1-YEAR TIDE) (FT)	2.8	
TEMPORARY DESIGN FREQUENCY	TIDAL: HTL	RIVERINE: 5-YEAR
DESIGN DISCHARGE (CFS)	370	
TEMPORARY DESIGN ELEVATION (FT)	6.3	

NOTE:

1. TEMPORARY 12" HDPE PIPE AND OUTLET TO BE PAID FOR UNDER ITEM "TEMPORARY DRAINAGE SYSTEM"

ADDENDUM NO. 2

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
⚠1	1.31.25	ADD SANITARY FORCE MAIN	07.17

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

Plotted Date: 2/6/2025

DESIGNER/DRAFTER: N. ROSSI
CHECKED BY: S. NALITZ
SCALE AS NOTED

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\SB_MSH_0104_0175_(117)_Br02713-STG&WH-2C.dgn

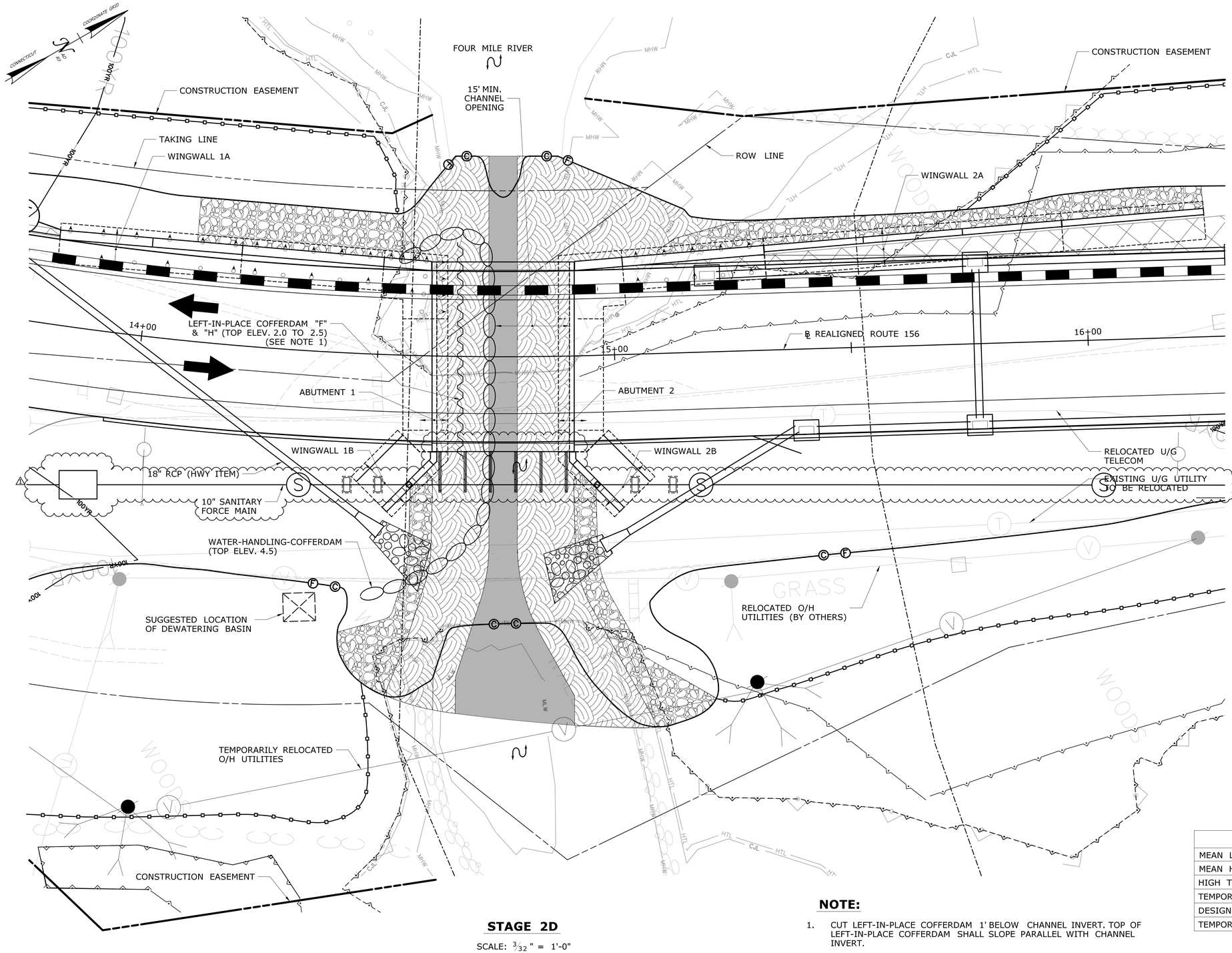
SIGNATURE/BLOCK: PRIME AE

PROJECT TITLE:
REPLACEMENT OF BRIDGE NO. 02713, ROUTE 156 OVER FOUR MILE RIVER

TOWN: **OLD LYME EAST LYME**

DRAWING TITLE: **WATER HANDLING AND STAGING PLAN - 6**

PROJECT NO. **104-175**
DRAWING NO. **S-17**
SHEET NO. **07.17.A2**



STAGE 2D

SCALE: $\frac{3}{32}$" = 1'-0"

SUGGESTED SEQUENCE OF CONSTRUCTION:

STAGE 2D

1. RELOCATE WATER-HANDLING-COFFERDAM AND DEWATERING BASIN AND DEWATER THE WORKZONE.
2. REMOVE COFFERDAM "H" EXCEPT FOR PORTION HOLDING UP THE NEWLY CONSTRUCTED ROAD AND BELOW THE ARCH.
3. CUT LEFT-IN-PLACE COFFERDAM "F" & "H" BELOW THE ARCH.
4. COMPLETE CHANNEL ESTABLISHMENT AND REMOVE WATER-HANDLING-COFFERDAMS AND DEWATERING BASIN.
5. INSTALL DRAINAGE SYSTEM (REMAINING PORTION OF 18" RCP) AS SHOWN (HWY ITEM).
6. REMOVE TEMPORARY DRAINAGE SYSTEM (12" HDPE PIPE, 12" HDPE OUTLET AND MODIFIED RIPRAP APRON).
7. RELOCATE AERIAL UTILITIES BACK TO EXISTING LOCATION. REMOVE ACCESS ROAD.
8. BACKFILL UP TO THE TOP OF THE ARCH.
9. UTILIZING TRAFFIC CONTROL, REMOVE TEMPORARY HEADWALL AND BACKFILL TO FINISHED GRADE.
10. FINALIZE GRADING AND REMOVE REMAINING PORTIONS OF COFFERDAMS AND TERS.
11. PAVE 3" OF HMA S1.0 AND 2" OF HMA S0.5 ALONG REMAINING PORTIONS OF ROADWAY.
12. INSTALL BRIDGE RAILING ON TOP OF THE HEADWALL.
13. INSTALL BRIDGE FENCE ON WINGWALLS 1B & 2B.
14. UTILIZING TRAFFIC CONTROL, REMOVE TEMPORARY TRAFFIC CONTROL ITEMS ALONG EAST EDGE OF ROAD AND INSTALL BITUMINOUS CURB AND METAL BEAM GUIDE RAIL ALONG EAST EDGE OF ROAD.
15. INSTALL STAGE 3 MPT, SEE SUBSET 08 - DWG "TRAFFIC CONTROL PLAN - 3".
16. REMOVE TEMPORARY DRAINAGE SYSTEM AND TEMPORARY PAVEMENT. FINALIZE GRADING.
17. INSTALL PLANTINGS AND SEEDING.
18. UTILIZING TRAFFIC CONTROL, REMOVE TEMPORARY TRAFFIC CONTROL ITEMS, RESET TYPE C-L CATCH BASIN TOPS WITH TYPE C CATCH BASIN TOPS, PAVE BITUMINOUS CURB AND INSTALL REMAINING METAL BEAM GUIDE RAIL.
19. MILL & PAVE 2" OF HMA S0.5, INSTALL TRAFFIC ITEMS AND PAVE DRIVEWAYS.
20. REMOVE EROSION AND SEDIMENTATION CONTROL UPON PERMANENT STABILIZATION.

LEGEND:

- MLW - MEAN LOW WATER (ELEV. = -1.80')
- MHW - MEAN HIGH WATER (ELEV. = 0.92')
- CJL - COASTAL JURISDICTION LINE (ELEV. = 2.60')
- HTL - HIGH TIDE LINE (ELEV. = 2.83')
- STATE/FEDERAL INLAND WETLANDS
- TIDAL WETLAND LIMIT
- 100YR - FEMA 100-YEAR FLOOD (CALCULATED)
- HIGHWAY RIGHT-OF-WAY (ROW) LINE
- CONSTRUCTION EASEMENT LIMIT
- CUT SLOPE LIMIT
- FILL SLOPE LIMIT
- 18" INTERMEDIATE RIPRAP AND OVER 6" GRANULAR FILL
- 1' NATURAL STREAMBED MATERIAL OVER 18" INTERMEDIATE RIPRAP AND OVER 6" GRANULAR FILL
- 1' NATURAL STREAMBED MATERIAL
- TEMPORARY PAVEMENT
- LEFT-IN-PLACE COFFERDAM
- TEMPORARY EARTH RETAINING SYSTEM (TERS)
- TEMPORARY TRAFFIC BARRIER
- SEDIMENTATION CONTROL SYSTEM (SCS)

TEMPORARY HYDRAULIC DATA - STAGE 2D		
MEAN LOW WATER (FT)	-1.8	
MEAN HIGH WATER (FT)	0.9	
HIGH TIDE LINE (1-YEAR TIDE) (FT)	2.8	
TEMPORARY DESIGN FREQUENCY	TIDAL: HTL	RIVERINE: 5-YEAR
DESIGN DISCHARGE (CFS)	370	
TEMPORARY DESIGN ELEVATION (FT)	4.2	

NOTE:

1. CUT LEFT-IN-PLACE COFFERDAM 1' BELOW CHANNEL INVERT. TOP OF LEFT-IN-PLACE COFFERDAM SHALL SLOPE PARALLEL WITH CHANNEL INVERT.

ADDENDUM NO. 2

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
1	1.31.25	ADD SANITARY FORCE MAIN	07.18

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

Plotted Date: 2/6/2025

DESIGNER/DRAFTER: N. ROSSI
CHECKED BY: S. NALITZ
SCALE AS NOTED

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\SB_MSH_0104_0175_(118)_Br02713-STG&WH-2D.dgn

SIGNATURE/BLOCK: PRIME AE

PROJECT TITLE:
REPLACEMENT OF BRIDGE NO. 02713, ROUTE 156 OVER FOUR MILE RIVER

TOWN: **OLD LYME EAST LYME**

DRAWING TITLE: **WATER HANDLING AND STAGING PLAN - 7**

PROJECT NO. 104-175
DRAWING NO. S-18
SHEET NO. 07.18.A2