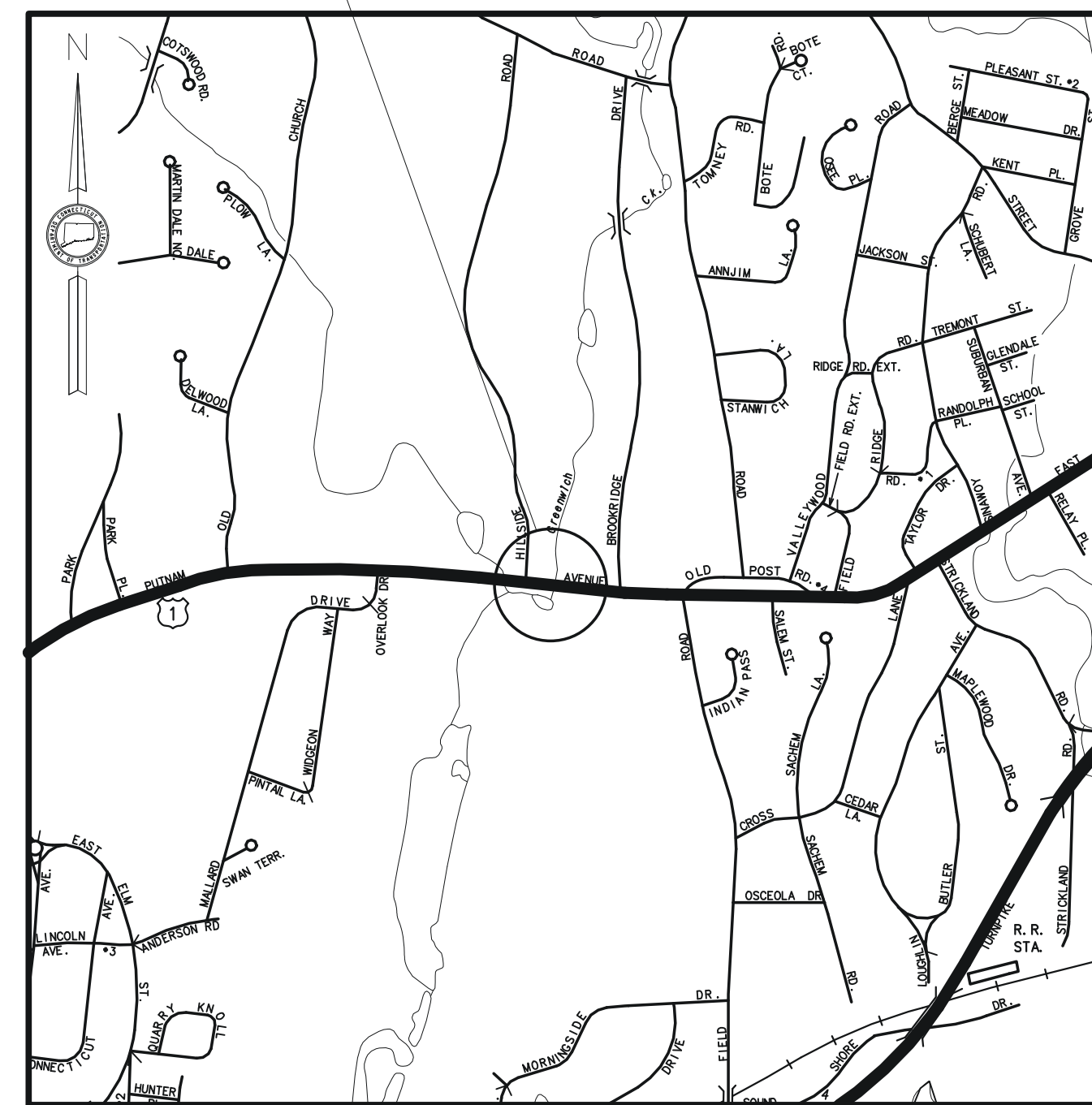


# ENVIRONMENTAL PERMIT PLANS STATE PROJECT NO. 056-305 BRIDGE REPLACEMENT BRIDGE NO. 01872, U.S. ROUTE 1 OVER GREENWICH CREEK TOWN OF GREENWICH

PROJECT LOCATION  
 BRIDGE NO. 01872

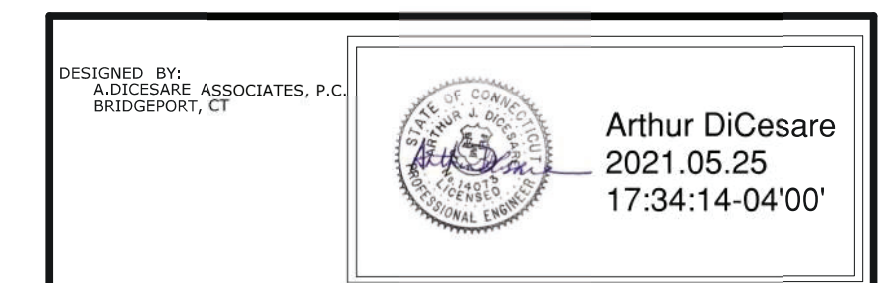


LOCATION PLAN  
 SCALE  
 1 INCH = 1,000 FEET

GENERAL NOTES:

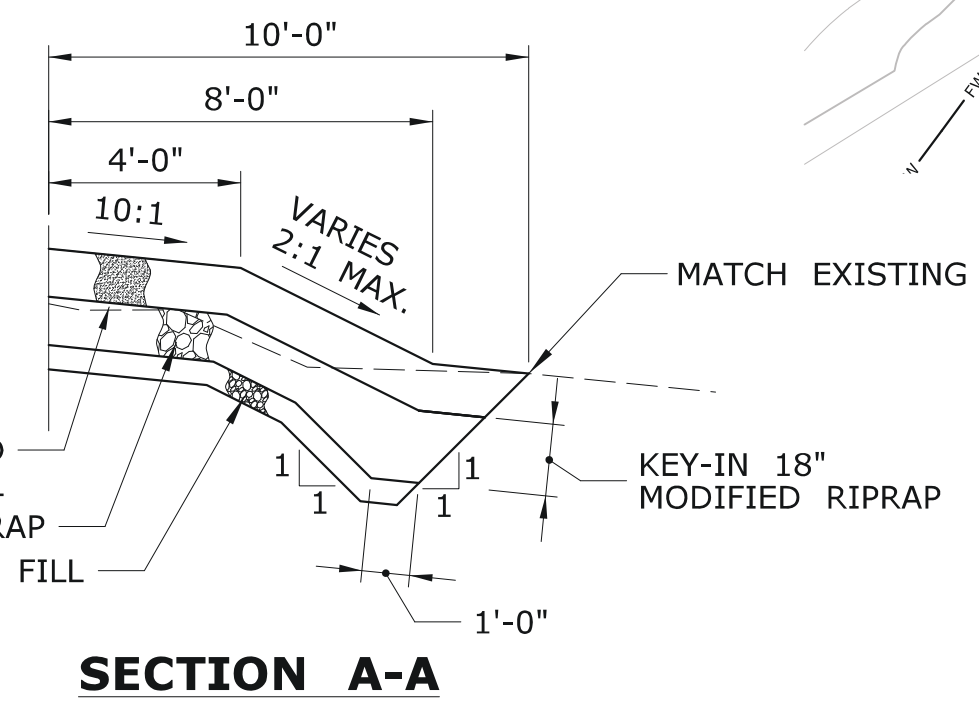
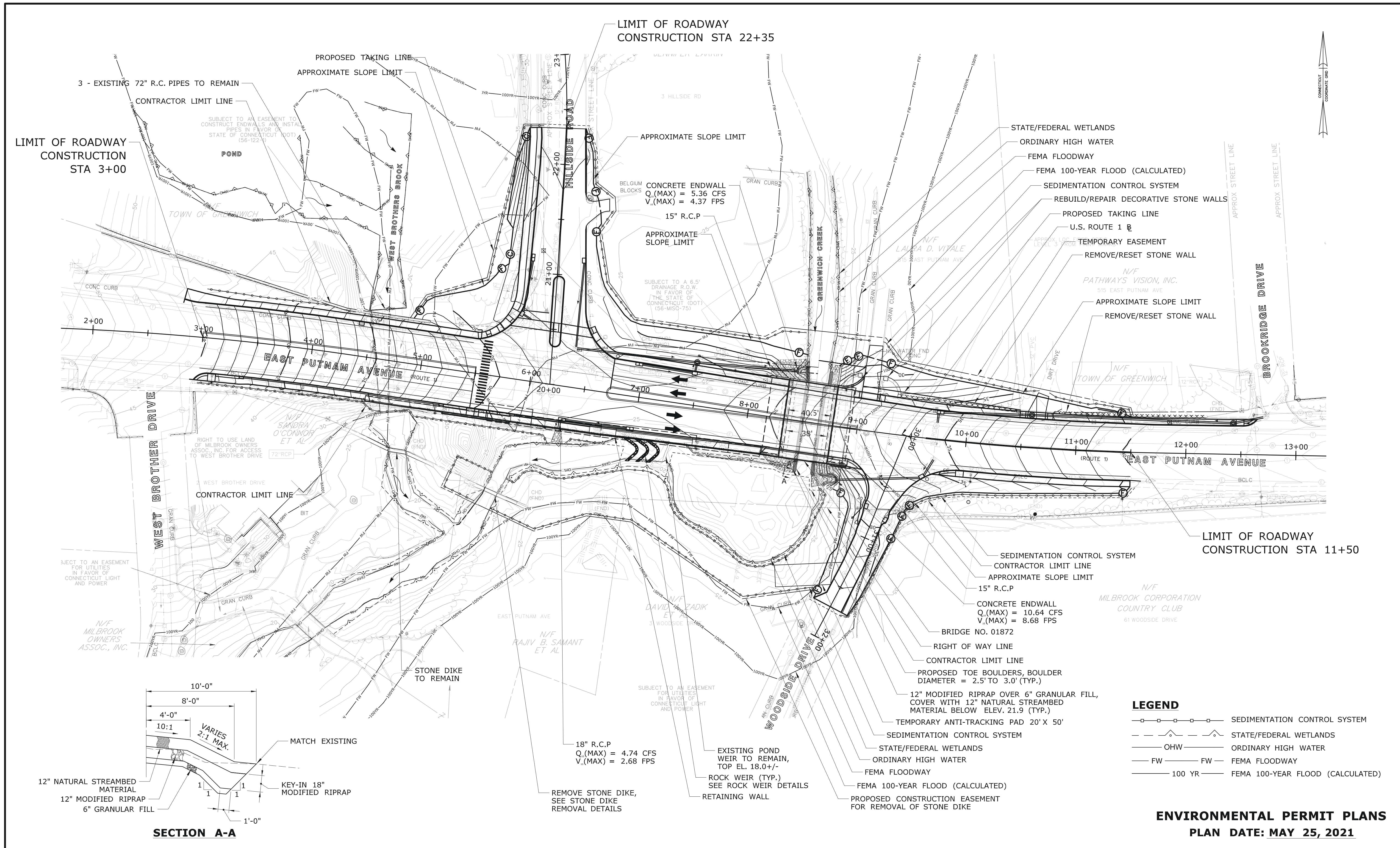
1. THESE PLANS ARE INTENDED ONLY FOR ENVIRONMENTAL PERMITTING PURPOSES. THESE PLANS HOLD AUTHORITY FOR ALL ACTIVITIES CONCERNING THE REGULATED AREA. FOR DETAILED PLANIMETRIC INFORMATION AND PAYMENT REFER TO THE APPLICABLE CONTRACT DOCUMENTS.
2. THE DEPARTMENT OF TRANSPORTATION WILL ONLY SUBMIT REVISIONS TO DEEP AND USACE FOR CHANGES TO THE DESIGN THAT WILL AFFECT REGULATED AREAS.
3. FOR A DESCRIPTION OF THE WATERCOURSES, WETLANDS AND WETLAND SOILS SEE RELEVANT SECTIONS OF THE PERMIT APPLICATION.
4. 400 FOOT GRID BASED ON CONNECTICUT COORDINATE SYSTEM N.A.D. 1983. VERTICAL DATUM BASED ON NGVD 1929.
5. ALL CONSTRUCTION ACTIVITIES WILL BE CONDUCTED IN ACCORDANCE WITH THE DEPARTMENT'S STANDARD SPECIFICATIONS FOR ROADS, BRIDGES, AND INCIDENTAL CONSTRUCTION, FORM 818, DATED 2020; SUPPLEMENTAL SPECIFICATIONS, DATED JULY 2020; SECTION 1.10 AND WILL ALSO FOLLOW REQUIRED BEST MANAGEMENT PRACTICES (BMPs) AND SEDIMENT AND EROSION CONTROL MEASURES IN ACCORDANCE WITH THE 2002 EROSION AND SEDIMENTATION CONTROL GUIDELINES AND THE 2004 STORMWATER QUALITY CONTROL MANUAL.

LIST OF DRAWINGS	
DRAWING NO.	DRAWING TITLE
PMT-01	TITLE SHEET
PMT-02	GENERAL SITE PLAN
PMT-03	WATERCOURSE/WETLAND IMPACT PLAN
PMT-04	100-YEAR FLOOD IMPACT PLAN
PMT-05	BRIDGE SECTION AND ELEVATIONS
PMT-06	STAGE 1A AND 1D BRIDGE CONSTRUCTION
PMT-07	STAGE 1B AND 1C BRIDGE CONSTRUCTION
PMT-08	STAGE 2 BRIDGE CONSTRUCTION
PMT-09	RETAINING WALL CONSTRUCTION
PMT-10	ROCK WEIR DETAILS
PMT-11	TEMPORARY UTILITY BRIDGE
PMT-12	TOE BOULDER AND DIKE REMOVAL DETAILS
PMT-13	PERMIT PLANTING PLAN



PLAN DATE: MAY 25, 2021

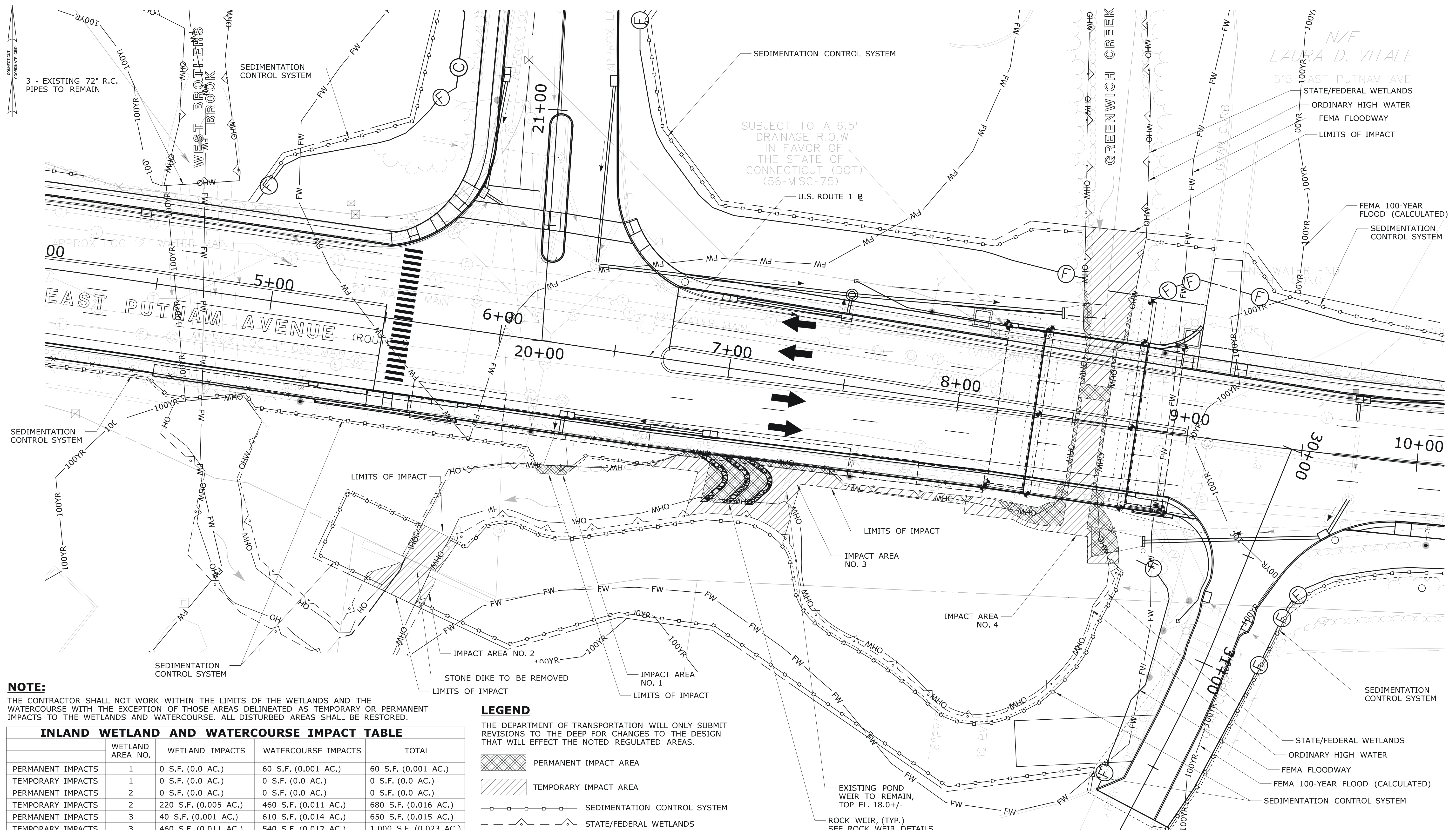
DESIGNER/DRAFTER: <b>JVS/DSM</b>		<p>STATE OF CONNECTICUT          DEPARTMENT OF TRANSPORTATION</p>	SIGNATURE/ BLOCK: 	PROJECT TITLE: <b>BRIDGE REPLACEMENT          BRIDGE NO. 01872 U.S. ROUTE 1          OVER GREENWICH CREEK</b>	TOWN: <b>GREENWICH</b>	PROJECT NO. <b>056-305</b>
CHECKED BY: <b>ADC</b>					APPROVED BY: <b>ADA</b> DATE: 11/20/2020	DRAWING TITLE: <b>TITLE SHEET</b>
SCALE AS NOTED		FILENAME: ...ENV_MSH_056_305_PMT-01.dgn			SHEET NO. <b>1</b>	
REV.	DATE	REVISION DESCRIPTION	SHEET NO.	Plotted Date: 5/24/2021		



- LEGEND**
- SEDIMENTATION CONTROL SYSTEM
  - - - STATE/FEDERAL WETLANDS
  - OHW — ORDINARY HIGH WATER
  - FW — FW — FEMA FLOODWAY
  - 100 YR — FEMA 100-YEAR FLOOD (CALCULATED)

**ENVIRONMENTAL PERMIT PLANS**  
**PLAN DATE: MAY 25, 2021**

<p>DESIGNER/DRAFTER: <b>JVS/JVS</b></p> <p>CHECKED BY: <b>ADC</b></p> <p>SCALE IN FEET 0 40 80 SCALE 1"=40'</p>	<p><b>STATE OF CONNECTICUT</b>  <b>DEPARTMENT OF TRANSPORTATION</b></p>	<p>SIGNATURE/BLOCK: <b>ADA</b></p> <p>APPROVED BY: DATE: A. DICESARE 11/20/2020</p>	<p>PROJECT TITLE:  <b>BRIDGE REPLACEMENT</b>  <b>BRIDGE NO. 01872 U.S. ROUTE 1</b>  <b>OVER GREENWICH CREEK</b></p>	<p>TOWN: <b>GREENWICH</b></p> <p>DRAWING TITLE: <b>GENERAL SITE PLAN</b></p>	<p>PROJECT NO. <b>056-305</b></p> <p>DRAWING NO. <b>PMT-02</b></p> <p>SHEET NO. <b>2</b></p>
<p>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.</p> <p>Plotted Date: 5/24/2021</p> <p>File name: ...ENV_MSH_056_305_PMT-02.dgn</p>					



N/F  
LAURA D. VITALE

515 EAST PUTNAM AVE  
STATE/FEDERAL WETLANDS  
ORDINARY HIGH WATER  
FEMA FLOODWAY  
LIMITS OF IMPACT

FEMA 100-YEAR FLOOD (CALCULATED)  
SEDIMENTATION CONTROL SYSTEM

STATE/FEDERAL WETLANDS  
ORDINARY HIGH WATER  
FEMA FLOODWAY  
FEMA 100-YEAR FLOOD (CALCULATED)  
SEDIMENTATION CONTROL SYSTEM

**NOTE:**  
THE CONTRACTOR SHALL NOT WORK WITHIN THE LIMITS OF THE WETLANDS AND THE WATERCOURSE WITH THE EXCEPTION OF THOSE AREAS DELINEATED AS TEMPORARY OR PERMANENT IMPACTS TO THE WETLANDS AND WATERCOURSE. ALL DISTURBED AREAS SHALL BE RESTORED.

INLAND WETLAND AND WATERCOURSE IMPACT TABLE				
	WETLAND AREA NO.	WETLAND IMPACTS	WATERCOURSE IMPACTS	TOTAL
PERMANENT IMPACTS	1	0 S.F. (0.0 AC.)	60 S.F. (0.001 AC.)	60 S.F. (0.001 AC.)
TEMPORARY IMPACTS	1	0 S.F. (0.0 AC.)	0 S.F. (0.0 AC.)	0 S.F. (0.0 AC.)
PERMANENT IMPACTS	2	0 S.F. (0.0 AC.)	0 S.F. (0.0 AC.)	0 S.F. (0.0 AC.)
TEMPORARY IMPACTS	2	220 S.F. (0.005 AC.)	460 S.F. (0.011 AC.)	680 S.F. (0.016 AC.)
PERMANENT IMPACTS	3	40 S.F. (0.001 AC.)	610 S.F. (0.014 AC.)	650 S.F. (0.015 AC.)
TEMPORARY IMPACTS	3	460 S.F. (0.011 AC.)	540 S.F. (0.012 AC.)	1,000 S.F. (0.023 AC.)
PERMANENT IMPACTS	4	220 S.F. (0.005 AC.)	620 S.F. (0.014 AC.)	840 S.F. (0.019 AC.)
TEMPORARY IMPACTS	4	80 S.F. (0.002 AC.)	2,050 S.F. (0.047 AC.)	2,130 S.F. (0.049 AC.)
TOTAL IMPACTS		1,020 S.F. (0.023 AC.)	4,340 S.F. (0.100 AC.)	5,360 S.F. (0.123 AC.)

**LEGEND**  
THE DEPARTMENT OF TRANSPORTATION WILL ONLY SUBMIT REVISIONS TO THE DEEP FOR CHANGES TO THE DESIGN THAT WILL EFFECT THE NOTED REGULATED AREAS.

- PERMANENT IMPACT AREA
- TEMPORARY IMPACT AREA
- SEDIMENTATION CONTROL SYSTEM
- STATE/FEDERAL WETLANDS
- ORDINARY HIGH WATER
- FEMA FLOODWAY
- 100 YR FEMA 100-YEAR FLOOD (CALCULATED)

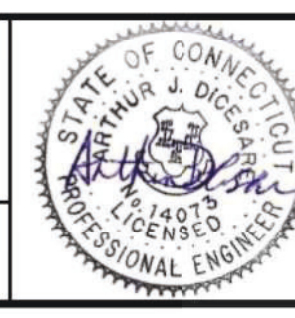
REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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:  
**JVS/DSM**  
CHECKED BY:  
**ADC**  
SCALE IN FEET  
0 20 40  
SCALE 1"=20'

STATE OF CONNECTICUT  
DEPARTMENT OF TRANSPORTATION  
FILENAME: ...ENV\_MSH\_056\_305\_PMT-03.dgn

SIGNATURE/BLOCK:  
**ADA**  
APPROVED BY:  
A. DICASARE  
DATE:  
11/20/2020

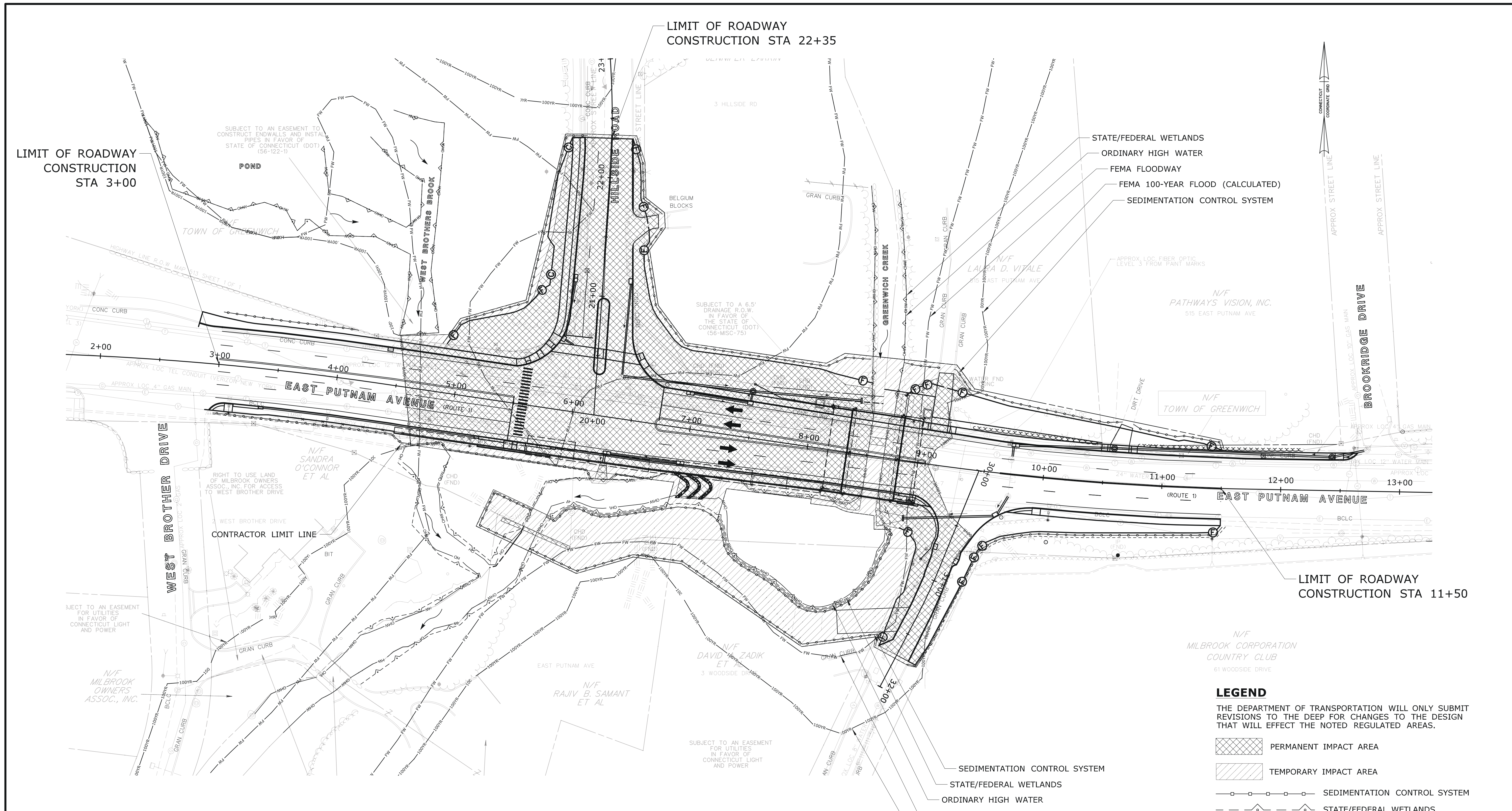


PROJECT TITLE:  
**BRIDGE REPLACEMENT  
BRIDGE NO. 01872 U.S. ROUTE 1  
OVER GREENWICH CREEK**

TOWN:  
**GREENWICH**  
DRAWING TITLE:  
**WATERCOURSE/WETLAND  
IMPACT PLAN**

PROJECT NO.  
**056-305**  
DRAWING NO.  
**PMT-03**  
SHEET NO.  
**3**

**ENVIRONMENTAL PERMIT PLANS  
PLAN DATE: MAY 25, 2021**



LIMIT OF ROADWAY  
CONSTRUCTION  
STA 3+00

LIMIT OF ROADWAY  
CONSTRUCTION  
STA 22+35

LIMIT OF ROADWAY  
CONSTRUCTION  
STA 11+50

- STATE/FEDERAL WETLANDS
- ORDINARY HIGH WATER
- FEMA FLOODWAY
- FEMA 100-YEAR FLOOD (CALCULATED)
- SEDIMENTATION CONTROL SYSTEM

**LEGEND**

- THE DEPARTMENT OF TRANSPORTATION WILL ONLY SUBMIT REVISIONS TO THE DEEP FOR CHANGES TO THE DESIGN THAT WILL EFFECT THE NOTED REGULATED AREAS.
- PERMANENT IMPACT AREA
  - TEMPORARY IMPACT AREA
  - SEDIMENTATION CONTROL SYSTEM
  - STATE/FEDERAL WETLANDS
  - OHW — ORDINARY HIGH WATER
  - FW — FEMA FLOODWAY
  - 100 YR — FEMA 100-YEAR FLOOD (CALCULATED)

100-YEAR FLOODPLAIN CUT & FILL INFORMATION VOLUME IMPACTS	
EXCAVATION IN FEMA FLOODPLAIN	FILL IN FEMA FLOODPLAIN
370 C.Y.	3,190 C.Y.

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

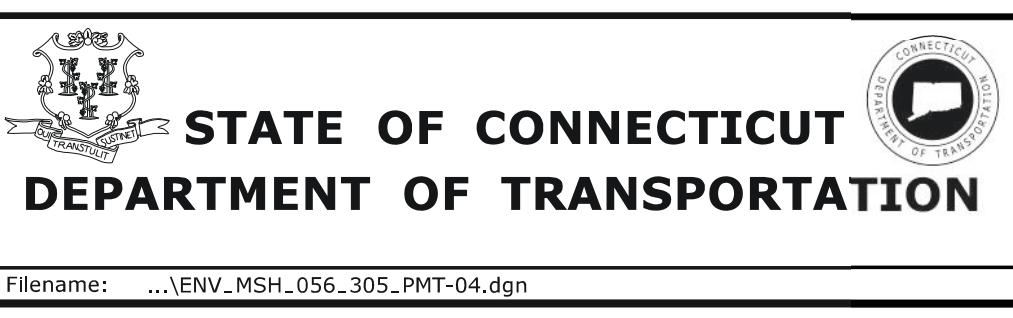
THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

Plotted Date: 5/25/2021

DESIGNER/DRAFTER:  
**JVS/DSM**

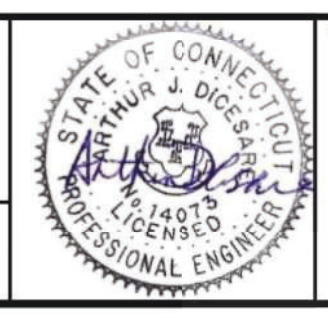
CHECKED BY:  
**ADC**

SCALE IN FEET  
0 40 80  
SCALE 1"=40'



SIGNATURE/  
BLOCK:  
**ADA**

APPROVED BY: DATE:  
A. DICESARE 11/20/2020



PROJECT TITLE:  
**BRIDGE REPLACEMENT  
BRIDGE NO. 01872 U.S. ROUTE 1  
OVER GREENWICH CREEK**

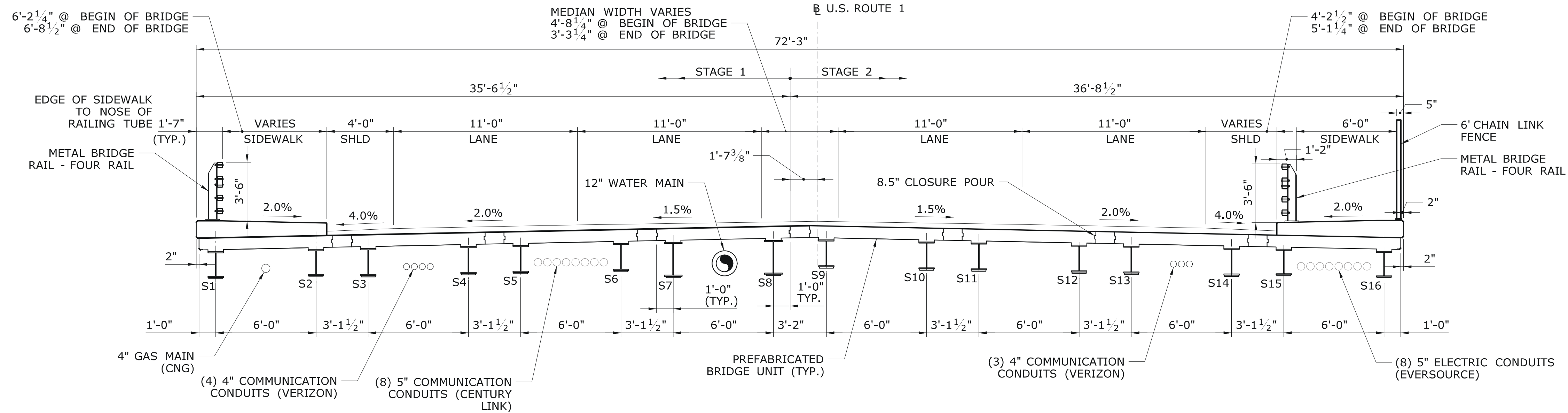
TOWN: **GREENWICH**

DRAWING TITLE:  
**100-YEAR FLOOD  
IMPACT PLAN**

PROJECT NO.: **056-305**

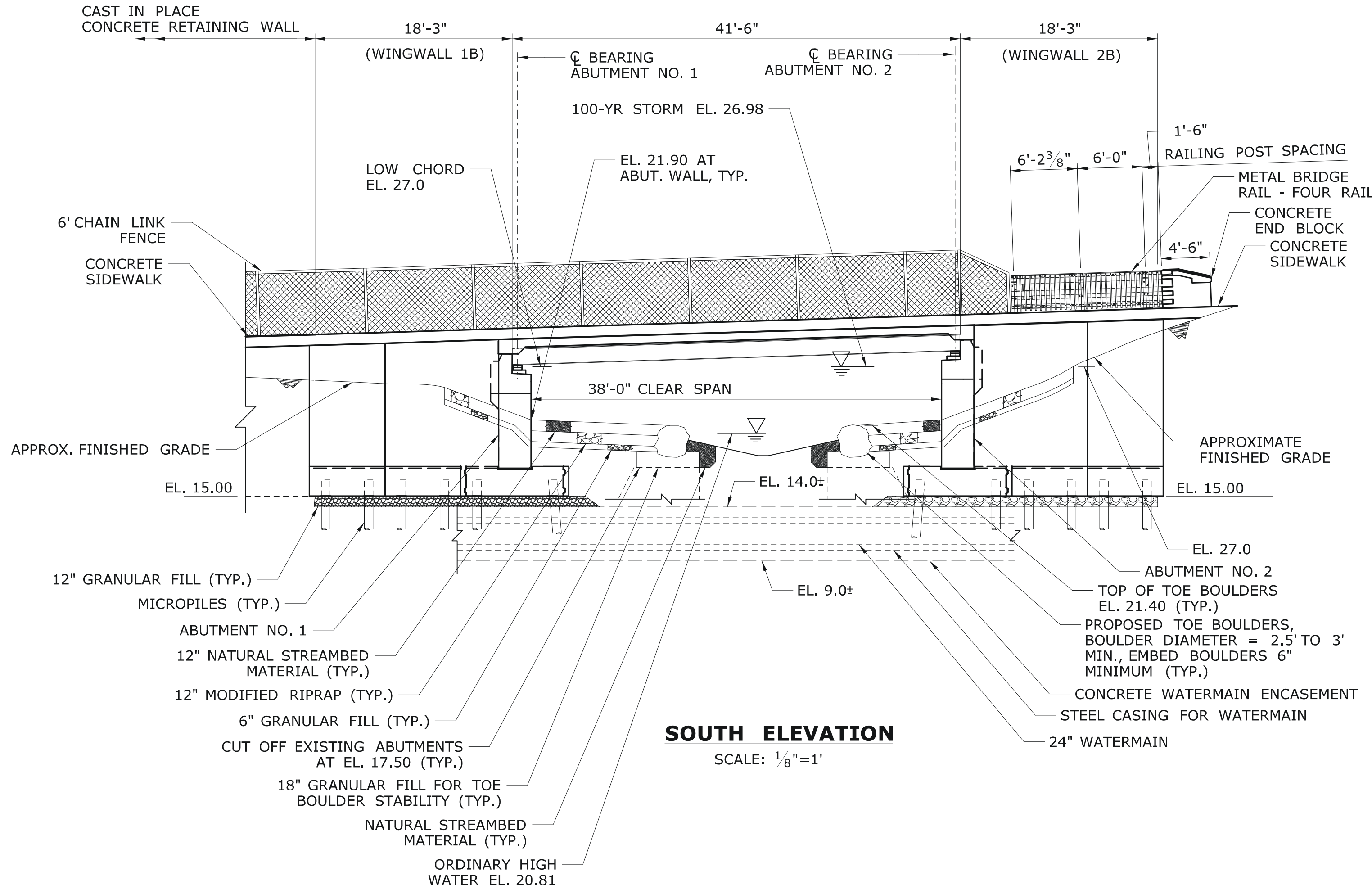
DRAWING NO.: **PMT-04**

SHEET NO.: **4**

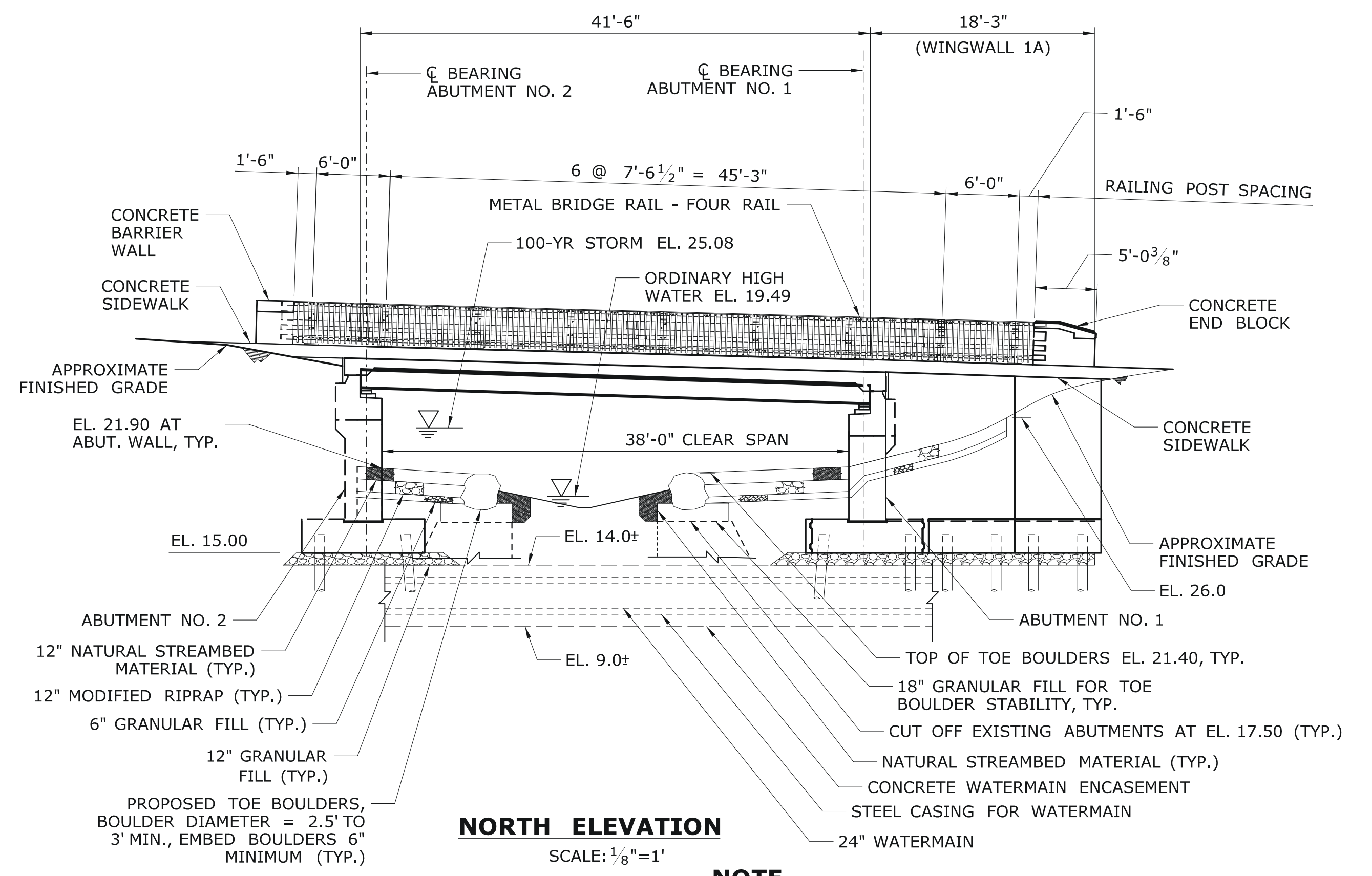


HYDRAULIC DATA	
DRAINAGE AREA	5.85 SQ. MI.
DESIGN FREQUENCY	100-YR
DESIGN DISCHARGE	1,410-CFS
AVERAGE DAILY FLOW ELEVATION (ESTIMATED)	20.18-FT
UPSTREAM DESIGN WATER SURFACE ELEVATION	26.98-FT
DOWNSTREAM DESIGN WATER SURFACE ELEVATION	25.24-FT

TYPICAL SECTION LOOKING EAST  
 SCALE: 1/4"=1'



SOUTH ELEVATION  
 SCALE: 1/8"=1'

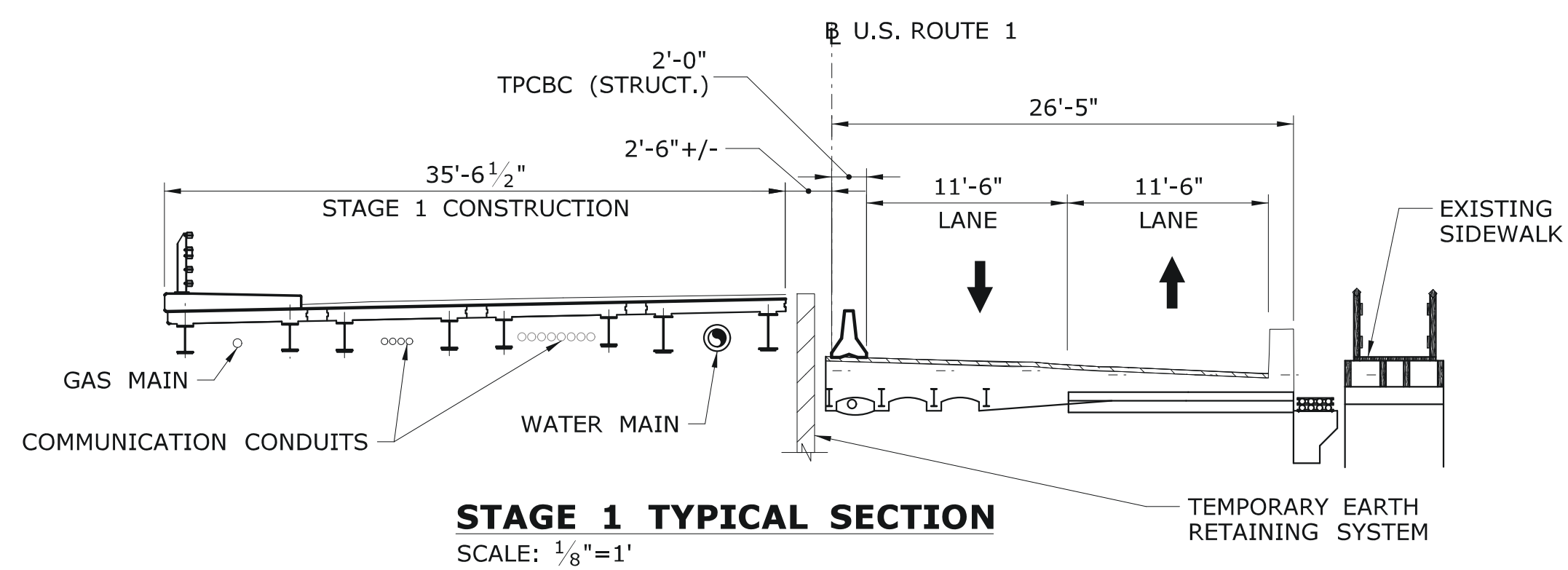
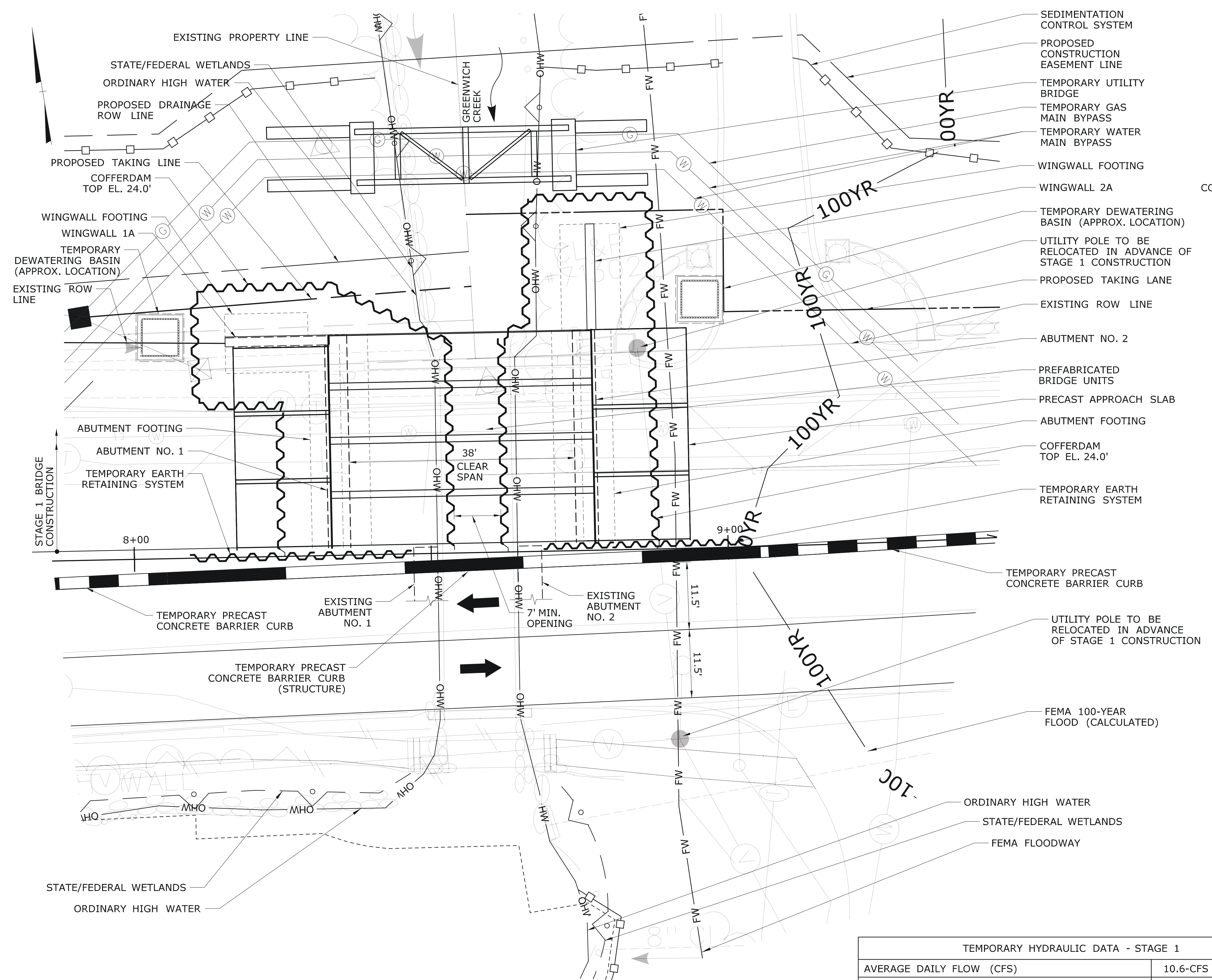


NORTH ELEVATION  
 SCALE: 1/8"=1'

**NOTE**  
 1. PROVIDE TOE BOULDERS THROUGHOUT EXTENT OF CHANNEL UNDER BRIDGE. REFER TO GENERAL SITE PLAN FOR EXTENTS OUTBOARD OF BRIDGE FASCIA.

**ENVIRONMENTAL PERMIT PLANS**  
**PLAN DATE: MAY 25, 2021**

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: <b>JVS/DSM</b>	<b>STATE OF CONNECTICUT</b> <b>DEPARTMENT OF TRANSPORTATION</b>	SIGNATURE/ BLOCK: <b>ADA</b>	PROJECT TITLE: <b>BRIDGE REPLACEMENT          BRIDGE NO. 01872 U.S. ROUTE 1          OVER GREENWICH CREEK</b>	TOWN: <b>GREENWICH</b>	PROJECT NO. <b>056-305</b>
	CHECKED BY: <b>ADC</b>		APPROVED BY: A. DICASARE		DATE: 11/20/2020	DRAWING TITLE: <b>BRIDGE SECTION AND ELEVATIONS</b>
REV. DATE REVISION DESCRIPTION SHEET NO. Plotted Date: 5/24/2021	SCALE AS NOTED	File name: ...ENV_MSH_056_305_PMT-05.dgn				SHEET NO. <b>5</b>



**STAGE 1 - BRIDGE  
SUGGESTED CONSTRUCTION SEQUENCE**

- STAGE 1A CONSTRUCTION**
1. INSTALL TEMPORARY UTILITY BRIDGE NORTH OF EXISTING BRIDGE
  2. RELOCATE EXISTING WATER MAINS AND GAS MAIN ONTO TEMPORARY UTILITY BRIDGE.
  3. INSTALL DEBRIS SHIELD (BOTTOM EL. 25.0, MIN.), REMOVE EXISTING SUPERSTRUCTURE AT NORTH SIDE OF BRIDGE AND LEAVE ABUTMENT STEMS IN PLACE.
  4. CONSTRUCT TEMPORARY UTILITY SUPPORT ACROSS WATERWAY AND SUPPORT EXISTING COMMUNICATION LINES (CENTURY LINK AND VERIZON) IN PLACE.
  5. INSTALL TEMPORARY EARTH RETAINING SYSTEM AT STAGE CONSTRUCTION LINE.
  6. INSTALL COFFERDAM WITHIN CHANNEL AND AROUND PROPOSED PRECAST SUBSTRUCTURE ELEMENTS WITHIN STAGE 1 CONSTRUCTION LIMITS AS SHOWN.
  7. REMOVE AND STOCKPILE NATURAL STREAM BED MATERIAL.
  8. DEWATER WORK AREA AND REMOVE EXISTING ABUTMENTS WITHIN COFFERDAM TO EL. 17.50.
- STAGE 1B AND 1C  
REFER TO PMT-07**
- STAGE 1D**
1. EXCAVATE WITHIN COFFERDAM AND INSTALL PILES.
  2. INSTALL PRECAST CONCRETE ABUTMENTS, BRIDGE SEATS AND WINGWALLS.
  3. BACKFILL ABUTMENTS AND WINGWALLS.
  4. REGRADE AROUND ABUTMENTS, WINGWALLS AND PLACE CHANNEL TOE BOULDERS, RIPRAP AND NATURAL STREAM BED MATERIAL. THE INSTALLATION OF TOE BOULDERS SHALL BE DIRECTED IN THE FIELD BY CT DEEP FISHERIES OR DOT OEP STAFF.
  5. REMOVE COFFERDAM.
  6. INSTALL PRECAST BRIDGE UNITS.
  7. INSTALL WATER MAIN, GAS MAIN AND COMMUNICATION LINES WITHIN BRIDGE AND AT APPROACHES AND REMOVE TEMPORARY UTILITY BRIDGE.
  8. COMPLETE ROADWAY CONSTRUCTION.

**WATER HANDLING NOTES:**

1. THE CONTRACTOR SHALL MAINTAIN WATER THROUGH THE TEMPORARY WATER HANDLING SYSTEM AS REQUIRED DURING CONSTRUCTION OF THE NEW STRUCTURE.
2. EQUIPMENT SHALL NOT BE PERMITTED IN THE STREAM WHEN TEMPORARY WATER HANDLING SYSTEM IS NOT IN PLACE WITHOUT APPROVAL FROM THE ENGINEER.
3. A DEWATERING BASIN SHALL BE ESTABLISHED OUTSIDE OF THE WETLAND LIMITS.
4. TEMPORARY WATER-HANDLING COFFERDAM SHALL CONSIST OF AN APPROVED SYSTEM THAT THE CONTRACTOR ELECTS TO USE WHICH WILL SAFELY CONVEY WATER FLOWS AROUND THE CONSTRUCTION AREA, SHALL BE ABLE TO SUPPORT CONSTRUCTION ACTIVITIES AND SHALL CONFORM TO PERMITS.

ANY WATER HANDLING SCHEME DEPICTED WITHIN THE DEPARTMENT'S 'HANDLING WATER TYPICAL SCHEMATICS' MAY BE UTILIZED UNLESS SPECIFICALLY PROHIBITED. A MEANS AND METHOD FOR WATER HANDLING SYSTEM SHALL BE SUBMITTED BY THE CONTRACTOR TO THE ENGINEER FOR APPROVAL.

5. WATER HANDLING MEASURES SHALL NOT EXCEED IMPACT AREAS SHOWN ON THE WETLAND AND FLOODPLAIN IMPACT SHEETS OF THE PERMIT PLANS.
6. ANY STORM DRAINAGE DISCHARGING INTO A CONFINED WORK AREA FROM EXISTING OR PROPOSED STORM DRAINAGE PIPES SHALL BE DIVERTED OR PUMPED OUTSIDE OF THE CONFINED AREAS. PUMPS/PIPES SHALL BE SIZED BY THE CONTRACTOR TO HANDLE THE EXPECTED FLOWS AND BE DISCHARGED TO A STABLE LOCATION. THE CONTRACTOR SHALL SUBMIT THE MEANS AND METHODS OF HANDLING STORM DRAINAGE TO ENGINEER FOR APPROVAL AND IS INCLUDED AS PART OF WATER HANDLING.

IF A SHORT DURATION PUMP SYSTEM IS PROPOSED DURING LOW FLOW CONDITIONS, THE PUMP SYSTEM SHALL BE DESIGNED BY THE CONTRACTOR AND HAVE A MINIMUM CAPACITY AS SHOWN IN THE TEMPORARY HYDRAULIC TABLE. PUMP SYSTEM PLAN SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL.

BASED UPON FIELD CONDITIONS, WORK DURATION, AND EXPECTED WEATHER CONDITIONS THE ENGINEER MAY APPROVE A CONSTRUCTION WATER HANDLING PLAN WITH LOWER PUMPING FLOWS, PROVIDED THAT THIS INCLUDES A CONTINGENCY PLAN, WHICH MINIMIZES NEGATIVE IMPACTS AND SAFELY CONVEYS LARGER FLOWS THROUGH THE WORK AREA.

**TIME-OF-YEAR NOTE:**

ANY "UNCONFINED" INSTREAM WORK WITHIN THE WATERCOURSE SHALL BE RESTRICTED TO THE PERIOD FROM JUNE 1 TO SEPTEMBER 30, INCLUSIVE.

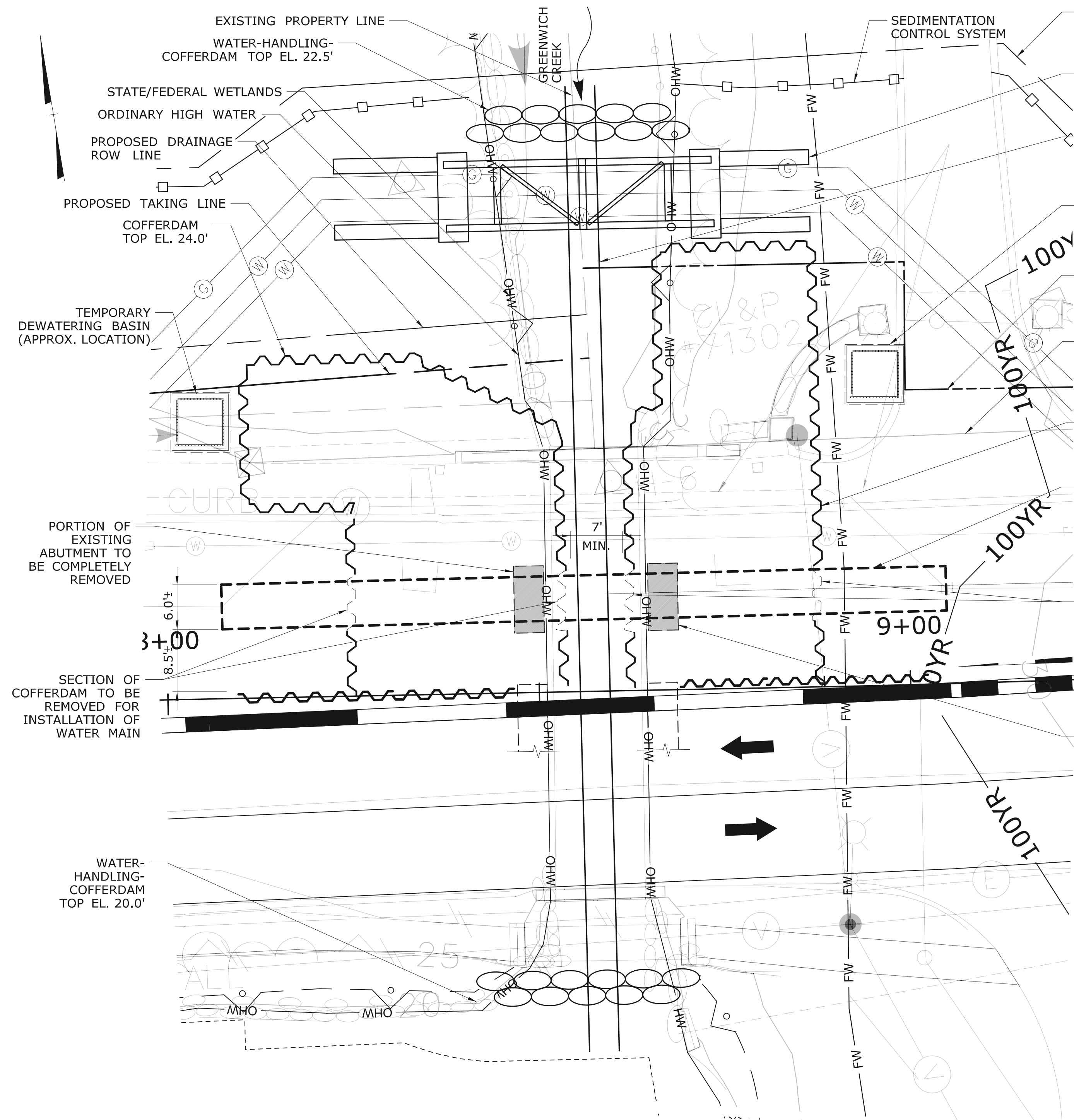
**STAGE 1A AND 1D - PLAN**  
SCALE: 1"=10'

**LEGEND:**



TEMPORARY HYDRAULIC DATA - STAGE 1	
AVERAGE DAILY FLOW (CFS)	10.6-CFS
AVERAGE SPRING FLOW (CFS)	20.7-CFS
2-YR FREQUENCY DISCHARGE (CFS)	200-CFS
TEMPORARY DESIGN DISCHARGE (CFS)	124-CFS
SHORT-TERM, LOW FLOW PUMPING TEMPORARY DESIGN DISCHARGE = 1.5 X ADF	16-CFS
TEMPORARY DESIGN FREQUENCY	6 x ASF
TEMPORARY WATER SURFACE EL. UPSTREAM (FT)	24.0-FT
TEMPORARY WATER SURFACE EL. DOWNSTREAM (FT)	24.0-FT

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: <b>JVS/DSM</b>	 <b>STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION</b>	SIGNATURE/ BLOCK: 	PROJECT TITLE: <b>BRIDGE REPLACEMENT BRIDGE NO. 01872 U.S. ROUTE 1 OVER GREENWICH CREEK</b>	TOWN: <b>GREENWICH</b>	PROJECT NO. <b>056-305</b>
	CHECKED BY: <b>ADC</b>		APPROVED BY: A. DICESARE		DATE: 11/20/2020	DRAWING TITLE: <b>STAGE 1A AND 1D BRIDGE CONSTRUCTION</b>
REV. DATE REVISION DESCRIPTION SHEET NO. Plotted Date: 5/24/2021	SCALE AS NOTED	File name: ...ENV_MSH_056_305_PMT-06.dgn		SHEET NO. <b>6</b>		

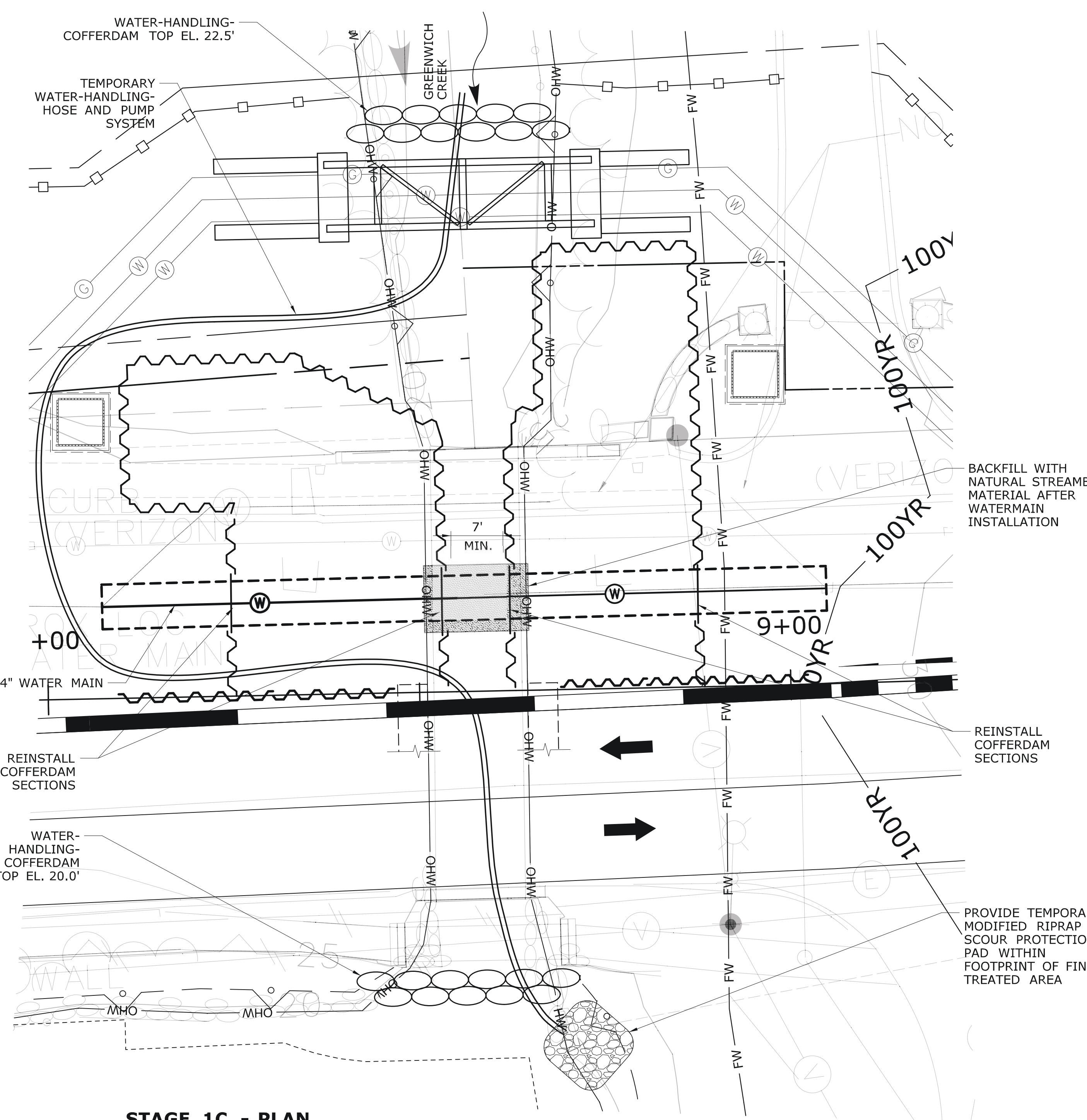


**STAGE 1B - PLAN**  
SCALE: 1"=10'

**STAGE 1B - WATERMAIN INSTALLATION SUGGESTED CONSTRUCTION SEQUENCE**

- STAGE 1B CONSTRUCTION
1. INSTALL 4" DIAMETER TEMPORARY WATER-HANDLING-PIPE AND WATER-HANDLING-COFFERDAM UPSTREAM AND DOWNSTREAM OF BRIDGE AND DIVERT STREAM THROUGH PIPE.
  2. REMOVE COFFERDAM SECTIONS TO ALLOW FOR WATER MAIN TRENCH EXCAVATION.
  3. REMOVE PORTION OF EXISTING ABUTMENT AND EXCAVATE TRENCH TO REQUIRED EXTENTS AND DEPTH. WATER MAIN EXTENTS SHALL BE BEYOND EXTENTS OF APPROACH SLAB. SHIFT 4" PIPE AS REQUIRED TO COMPLETE TRENCH EXCAVATION.

**LEGEND:**  
→ DIRECTION OF TRAFFIC



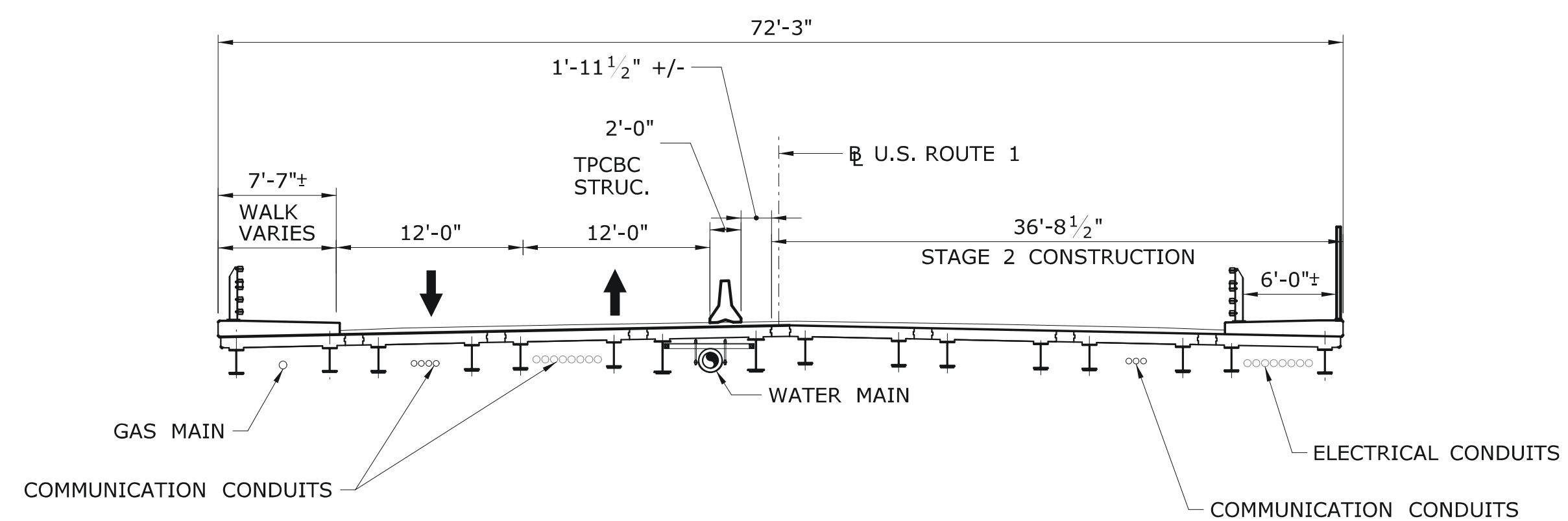
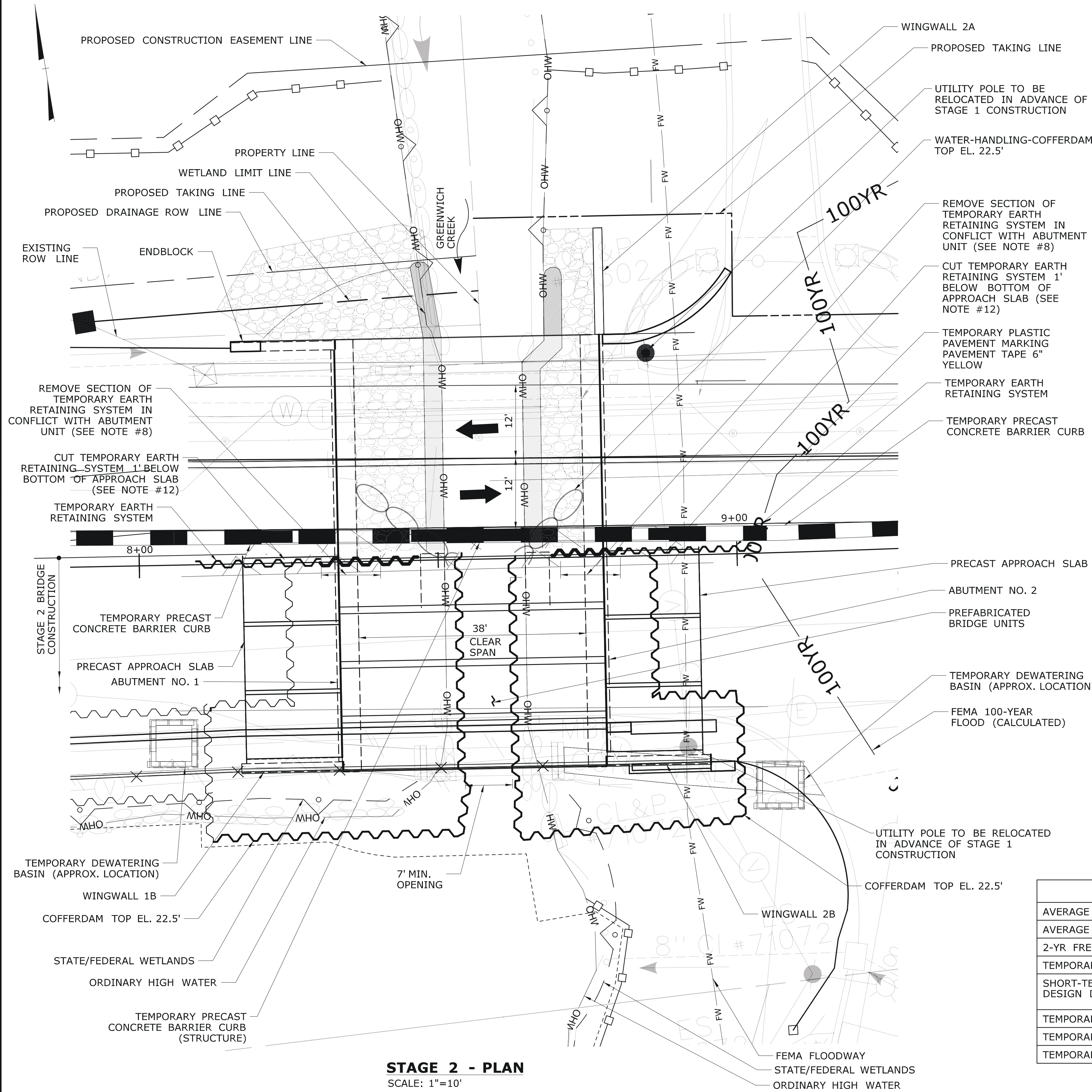
**STAGE 1C - PLAN**  
SCALE: 1"=10'

**STAGE 1C - WATERMAIN INSTALLATION SUGGESTED CONSTRUCTION SEQUENCE**

- STAGE 1C CONSTRUCTION
1. INSTALL AND IMPLEMENT TEMPORARY WATER-HANDLING-HOSE AND PUMP SYSTEM.
  2. REMOVE 4" DIAMETER TEMPORARY WATER-HANDLING-PIPE.
  3. INSTALL 24" WATER MAIN BELOW MUDLINE. REFER TO WATER MAIN RELOCATION PLANS FOR WATERMAIN INSTALLATION DETAILS.
  4. BACKFILL WATERMAIN TRENCH TO UNDERSIDE OF FOUNDATION SUBGRADE ELEVATION. WITHIN CHANNEL BACKFILL TRENCH WITH NATURAL STREAMBED MATERIAL.
  5. REINSTALL COFFERDAM SECTIONS. MAINTAIN A MINIMUM 7' CLEAR CHANNEL BETWEEN COFFERDAMS.
  6. REMOVE TEMPORARY WATER-HANDLING-HOSE AND PUMP SYSTEM, REMOVE WATER-HANDLING-COFFERDAM UPSTREAM AND DOWN STREAM OF BRIDGE AND DIVERT WATER THROUGH COFFERDAM CHANNEL.
  7. REFER TO DRAWING NO. PMT-06 FOR STAGE 1D CONSTRUCTION.

**ENVIRONMENTAL PERMIT PLANS**  
PLAN DATE: MAY 25, 2021

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: <b>JVS/DSM</b> CHECKED BY: <b>ADC</b> SCALE AS NOTED	<b>STATE OF CONNECTICUT</b> DEPARTMENT OF TRANSPORTATION File name: ...ENV_MSH_056_305_PMT-07.dgn	SIGNATURE/BLOCK:  APPROVED BY: A. DICESARE DATE: 11/20/2020	PROJECT TITLE: <b>BRIDGE REPLACEMENT</b> <b>BRIDGE NO. 01872 U.S. ROUTE 1</b> <b>OVER GREENWICH CREEK</b>	TOWN: <b>GREENWICH</b> DRAWING TITLE: <b>STAGE 1B AND 1C</b> <b>BRIDGE CONSTRUCTION</b>	PROJECT NO. <b>056-305</b> DRAWING NO. <b>PMT-07</b> SHEET NO. <b>7</b>
REV.	DATE	REVISION DESCRIPTION	SHEET NO.	Plotted Date: 5/24/2021			



**STAGE 2 SUGGESTED BRIDGE CONSTRUCTION SEQUENCE**

- STAGE 2 CONSTRUCTION**
1. IMPLEMENT MAINTENANCE AND TRAFFIC CONTROL MEASURES AND SINGLE LANE SHIFTING PATTERNS.
  2. DIVERT TRAFFIC TO NORTHERN SIDE OF ROADWAY.
  3. INSTALL DEBRIS SHIELD (BOTTOM EL. 25.0, MIN.). REMOVE EXISTING SUPERSTRUCTURE AT SOUTH SIDE OF BRIDGE AND LEAVE ABUTMENT STEMS IN PLACE.
  4. INSTALL COFFERDAM WITHIN CHANNEL AND AROUND PROPOSED PRECAST SUBSTRUCTURE ELEMENTS WITHIN STAGE 2 CONSTRUCTION LIMITS AS SHOWN.
  5. REMOVE AND STOCKPILE NATURAL STREAMBED MATERIAL.
  6. DEWATER WORK AREA AND REMOVE EXISTING ABUTMENTS DOWN TO EL. 17.50.
  7. EXCAVATE WITHIN COFFERDAM AND INSTALL PILES.
  8. REMOVE PORTION OF TEMPORARY EARTH RETAINING SYSTEM TO ALLOW FOR INSTALLATION OF PRECAST CONCRETE ABUTMENTS.
  9. INSTALL PRECAST CONCRETE ABUTMENTS, BRIDGE SEATS AND WINGWALLS.
  10. BACKFILL ABUTMENTS AND WINGWALLS.
  11. REGRADE AROUND WALLS AND PLACE CHANNEL BOULDERS, RIPRAP AND NATURAL STREAMBED MATERIAL. THE INSTALLATION OF BOULDERS SHALL BE DIRECTED IN THE FIELD BY CT DEEP FISHERIES OR DOT OEP STAFF.
  12. REMOVE COFFERDAM AND TEMPORARY EARTH RETAINING SYSTEM WITHIN CHANNEL.
  13. CUT TEMPORARY EARTH RETAINING SYSTEM LOCATED WITHIN EXTENTS OF APPROACH SLAB, 1' BELOW BOTTOM OF APPROACH SLAB.
  14. CONSTRUCT RETAINING WALL ALONG SOUTH SIDE OF ROUTE 1, INSTALL ROCK WEIR AND REMOVE STONE DIKE.
  15. COMPLETE ROADWAY CONSTRUCTION
  16. PERFORM FINAL SITE GRADING AND INSTALLATION OF PLANTINGS.
  17. REMOVE ALL EROSION AND SEDIMENTATION CONTROL SYSTEMS UPON FINAL STABILIZATION OF SITE GROUNDS.

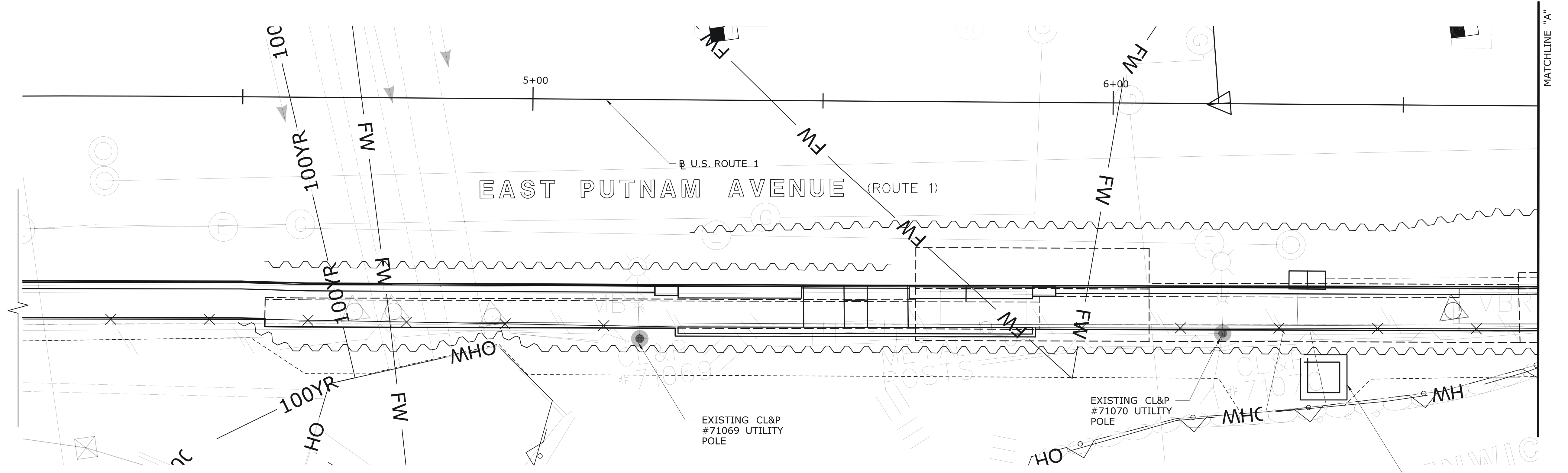
TEMPORARY HYDRAULIC DATA - STAGE 2	
AVERAGE DAILY FLOW (CFS)	10.6-CFS
AVERAGE SPRING FLOW (CFS)	20.7-CFS
2-YR FREQUENCY DISCHARGE (CFS)	200-CFS
TEMPORARY DESIGN DISCHARGE (CFS)	124-CFS
SHORT-TERM, LOW FLOW PUMPING TEMPORARY DESIGN DISCHARGE = 2 X ADF	21-CFS
TEMPORARY DESIGN FREQUENCY	6 x ASF
TEMPORARY WATER SURFACE EL. UPSTREAM (FT)	22.5-FT
TEMPORARY WATER SURFACE EL. DOWNSTREAM (FT)	22.5-FT

**LEGEND:**  
➔ DIRECTION OF TRAFFIC

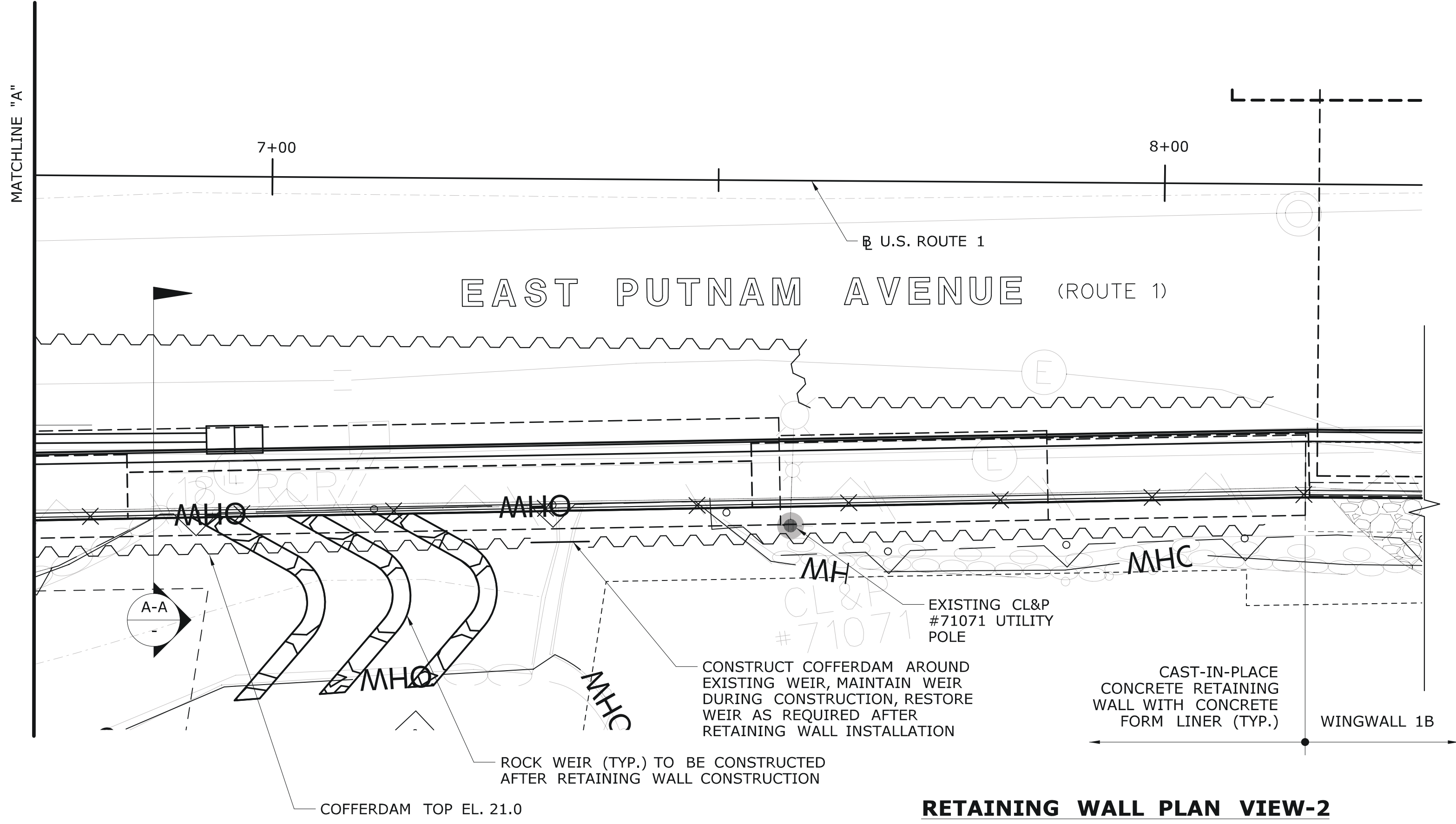
**ENVIRONMENTAL PERMIT PLANS**  
**PLAN DATE: MAY 25, 2021**

DESIGNER/DRAFTER: <b>JVS/DSM</b>	CHECKED BY: <b>ADC</b>	SCALE AS NOTED	<p><b>STATE OF CONNECTICUT</b> <b>DEPARTMENT OF TRANSPORTATION</b></p>	<p>SIGNATURE/BLOCK: <b>ADA</b> A.D. Cesare Associates, P.C. 690 Clinton Avenue Bridgeport, CT 06604 203-996-0444 www.adcesare.com</p>	<p>APPROVED BY: DATE: A. DICESARE 11/20/2020</p>	<p>PROJECT TITLE: <b>BRIDGE REPLACEMENT</b> <b>BRIDGE NO. 01872 U.S. ROUTE 1</b> <b>OVER GREENWICH CREEK</b></p>	<p>TOWN: <b>GREENWICH</b></p>	<p>PROJECT NO. <b>056-305</b></p>
<p>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.</p>	<p>Plotted Date: 5/24/2021</p>	<p>FILENAME: ...ENV_MSH_056_305_PMT-08.dgn</p>	<p>PROFESSIONAL ENGINEER</p>	<p>DATE: 11/20/2020</p>	<p>DATE: 11/20/2020</p>	<p><b>STAGE 2 BRIDGE CONSTRUCTION</b></p>	<p>DRAWING NO. <b>PMT-08</b></p>	<p>SHEET NO. <b>8</b></p>

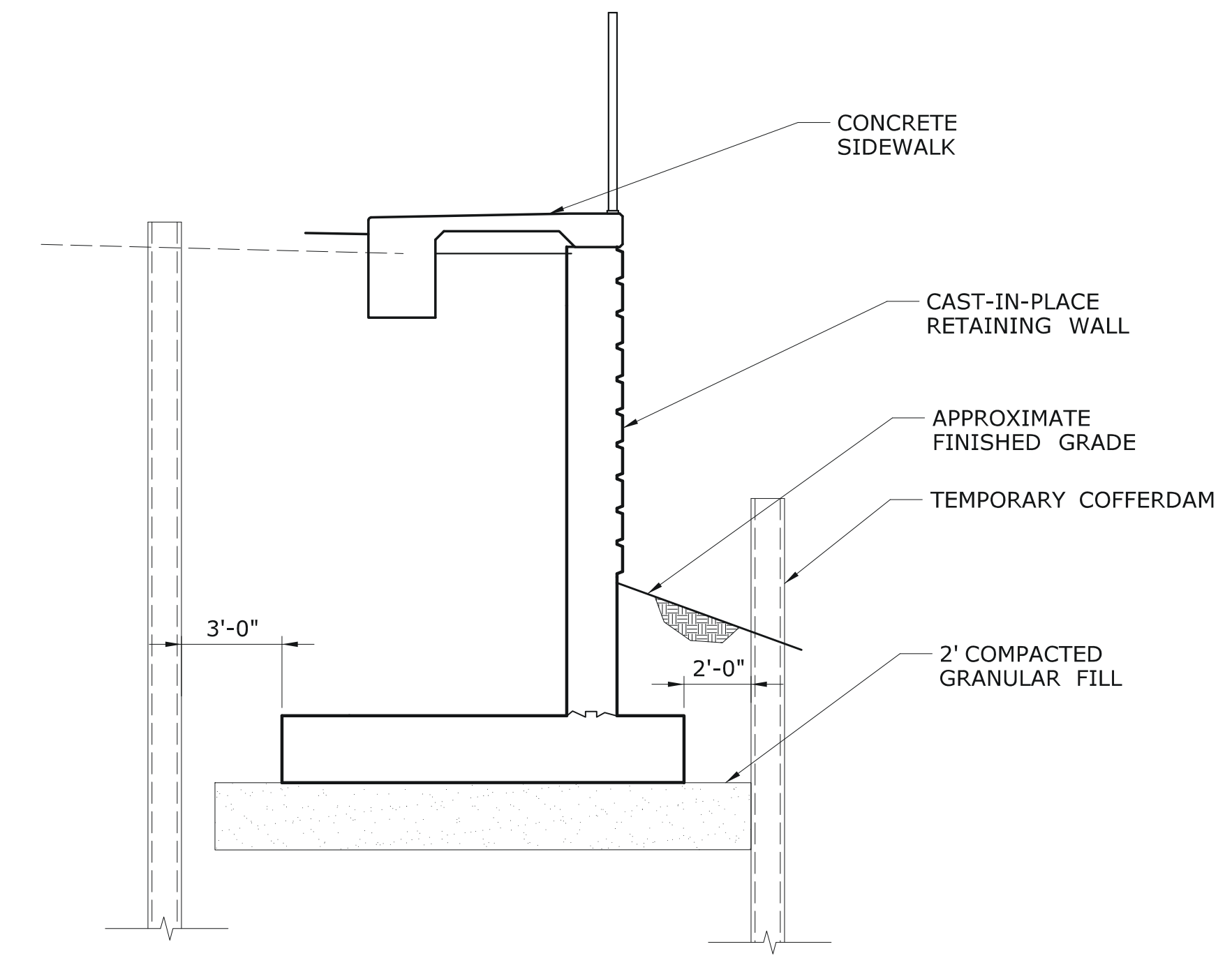




**RETAINING WALL PLAN VIEW-1**  
SCALE: 1" = 10'



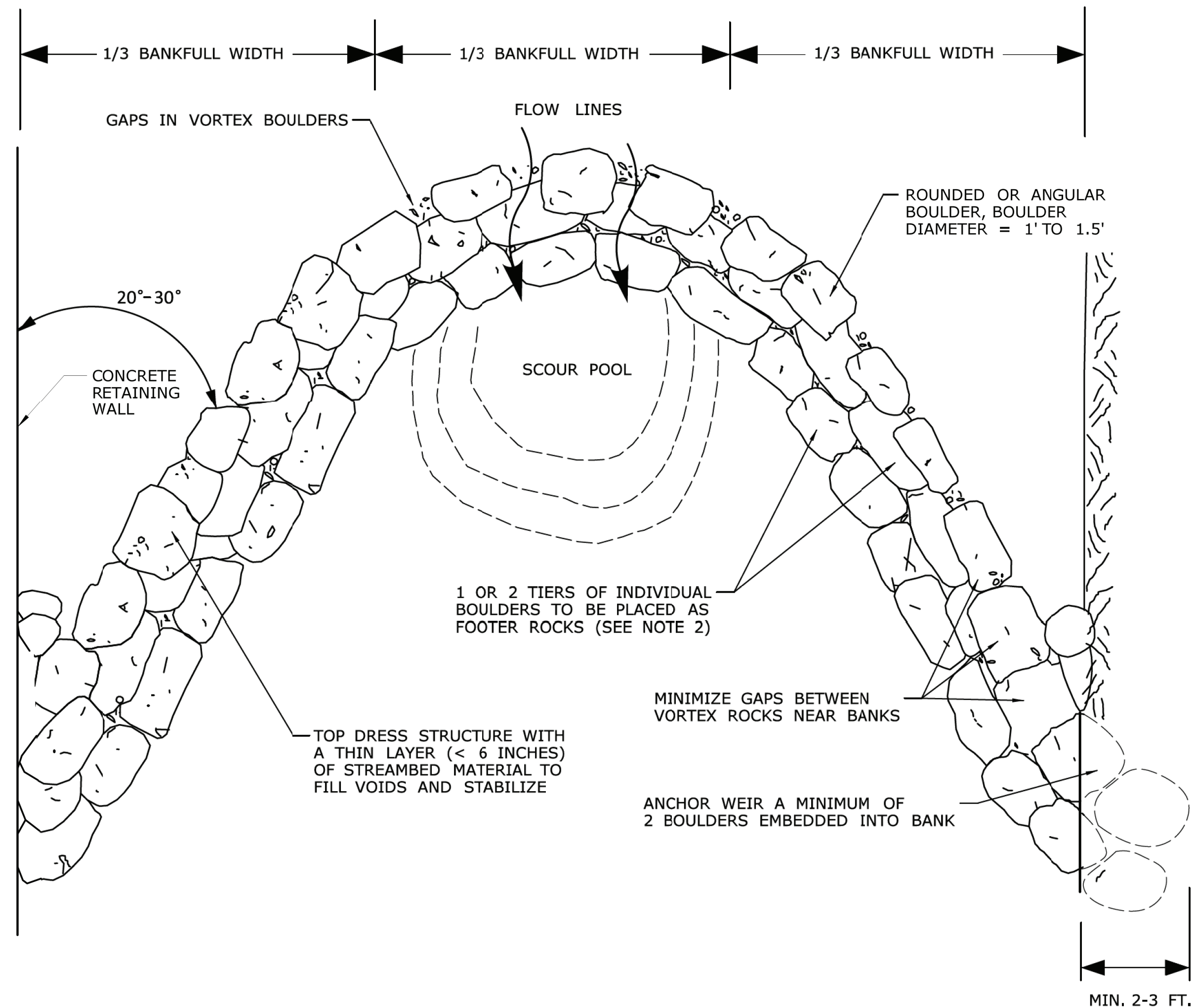
**RETAINING WALL PLAN VIEW-2**  
SCALE: 1" = 10'



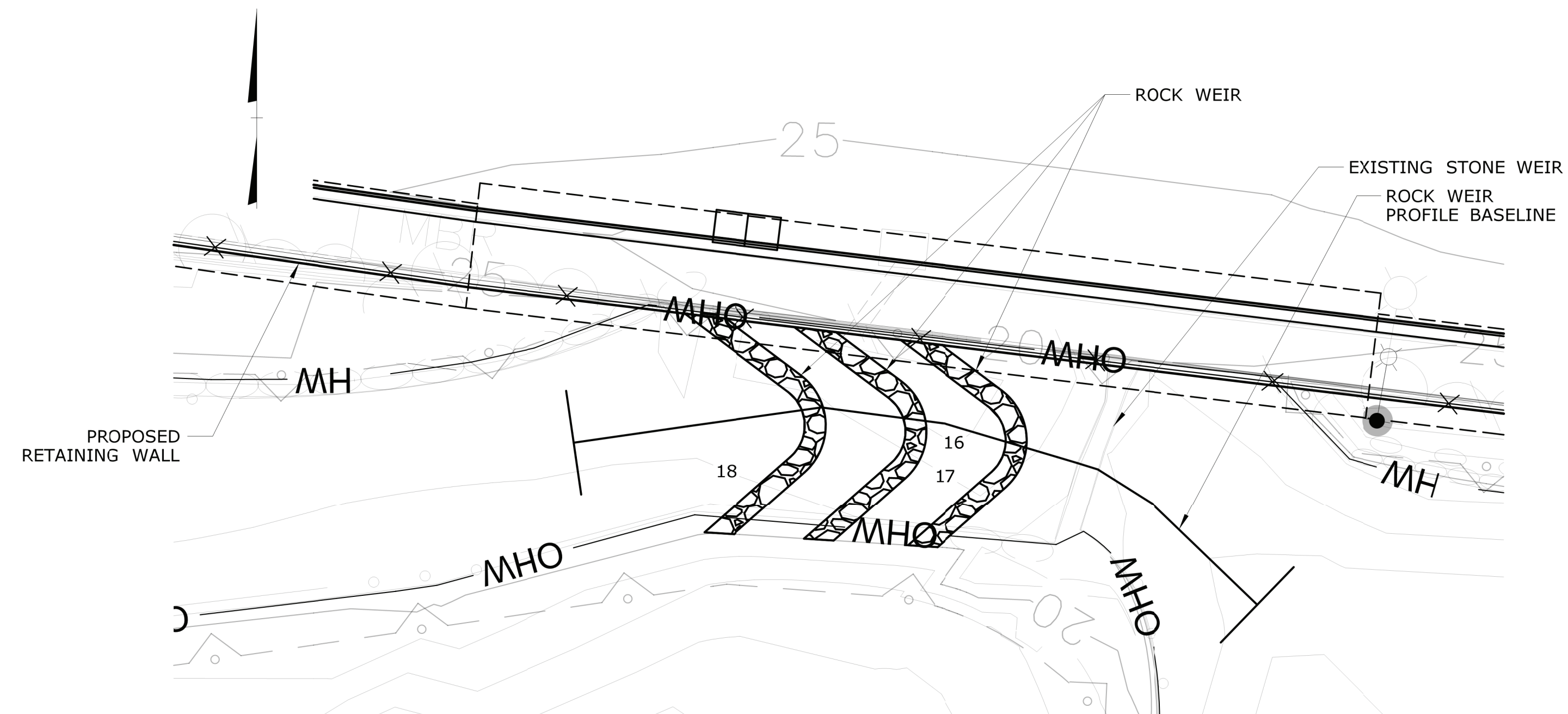
**SECTION A-A**  
N.T.S.

**ENVIRONMENTAL PERMIT PLANS**  
**PLAN DATE: MAY 25, 2021**

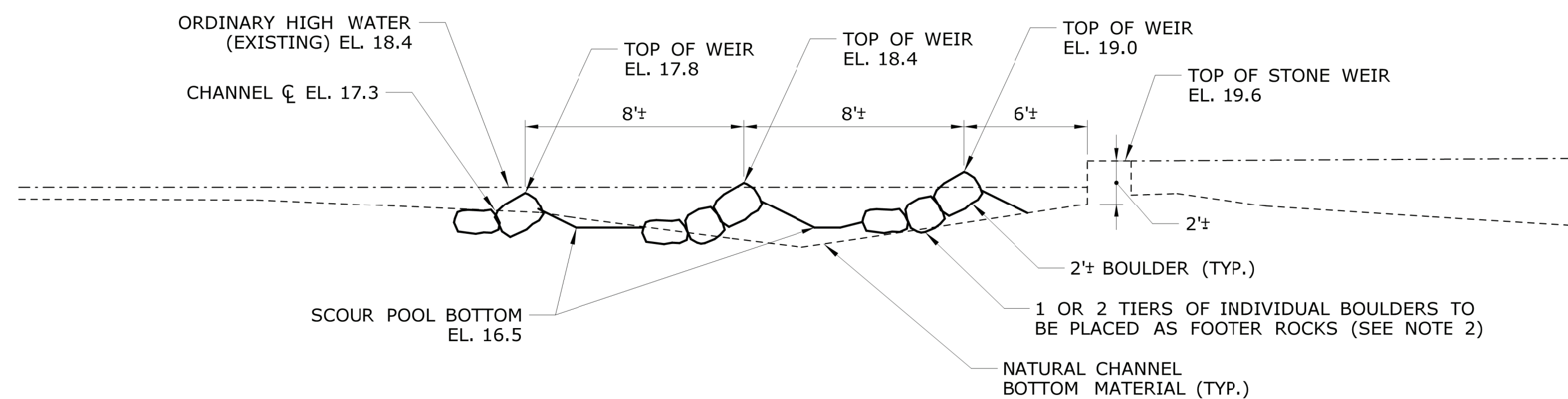
THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.		DESIGNER/DRAFTER: <b>JVS/DSM</b> CHECKED BY: <b>ADC</b> SCALE AS NOTED	<b>STATE OF CONNECTICUT</b> DEPARTMENT OF TRANSPORTATION Filename: ...ENV_MSH_056_305_PMT-09.dgn	SIGNATURE/BLOCK: <b>ADA</b> APPROVED BY: A. DICESARE DATE: 11/20/2020	PROJECT TITLE: <b>BRIDGE REPLACEMENT</b> <b>BRIDGE NO. 01872 U.S. ROUTE 1</b> <b>OVER GREENWICH CREEK</b>	TOWN: <b>GREENWICH</b> DRAWING TITLE: <b>RETAINING WALL CONSTRUCTION</b>	PROJECT NO. <b>056-305</b> DRAWING NO. <b>PMT-09</b> SHEET NO. <b>9</b>
REV.	DATE	REVISION DESCRIPTION	SHEET NO.	Plotted Date: 5/24/2021			



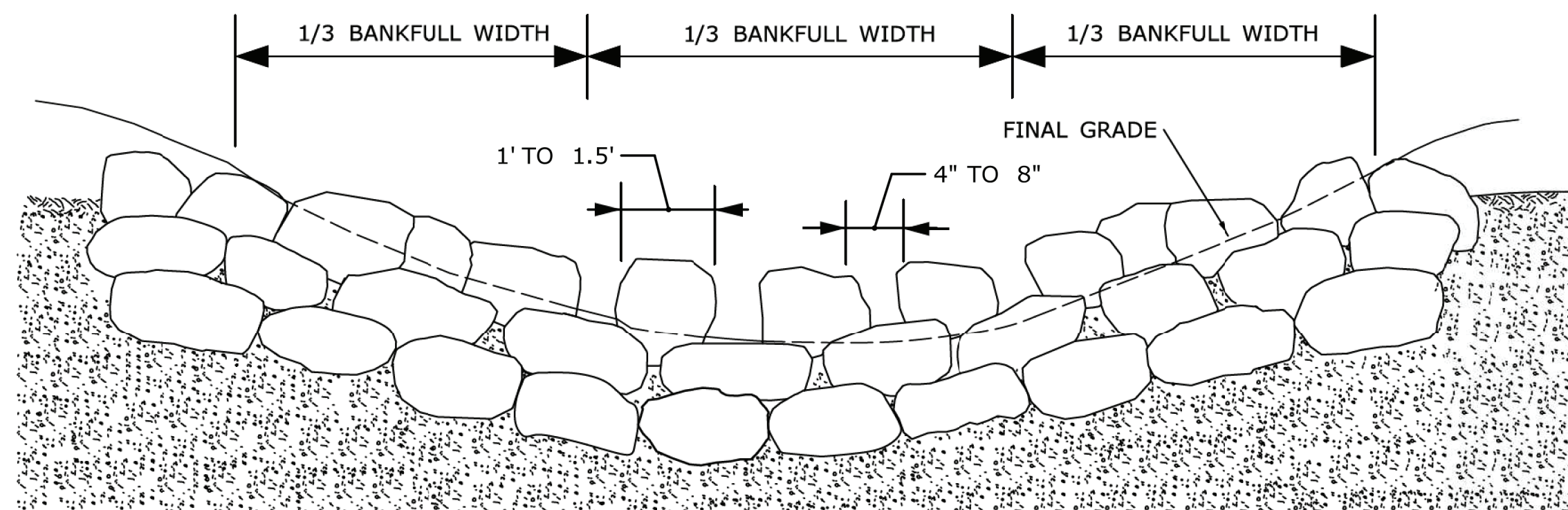
**ROCK WEIR - PLAN VIEW**  
N.T.S.



**ROCK WEIR PLAN**  
N.T.S.



**ROCK WEIR PROFILE**  
N.T.S.



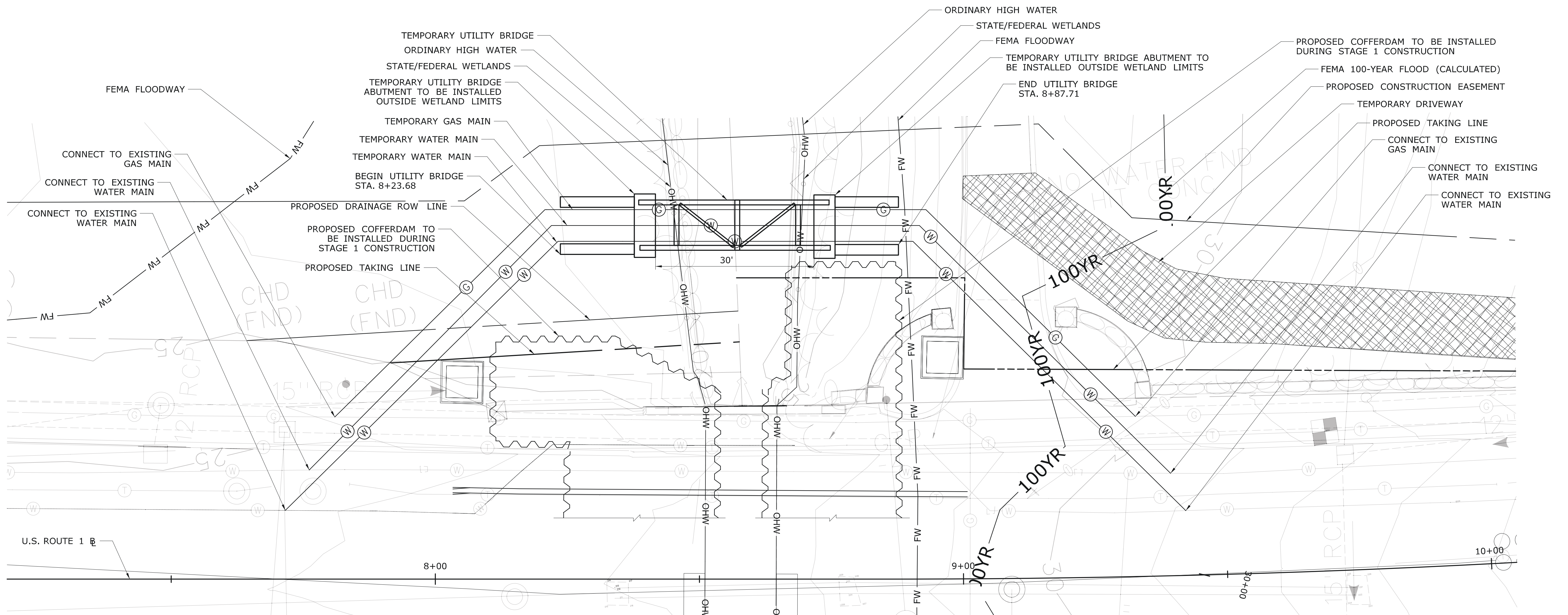
**ROCK WEIR - SECTION VIEW (UPSTREAM)**  
N.T.S.

**ROCK WEIR NOTES:**

1. PLACEMENT OF THE ROCK WEIR SHALL BE UNDER THE SUPERVISION OF CTDEEP FISHERIES DIVISION STAFF (OR THEIR AUTHORIZED DELEGATE). THE CONTRACTOR SHALL COORDINATE THROUGH THE ENGINEER A MINIMUM OF 10-DAYS IN ADVANCE OF THE WEIR INSTALLATION TO ALLOW FOR CTDEEP FISHERIES DIVISION TO BE PRESENT ON SITE.
2. FOOTER ROCKS SHALL SERVE AS THE FOUNDATION FOR THE TOP LAYER OF THE WEIR. FOOTER ROCKS SHALL HAVE REASONABLE FLAT TOPS AND BOTTOMS TO ENABLE BETTER PLACEMENT OF THE TOP LAYER OF THE WEIR.
3. BOULDER TYPE (ROUNDED OR ANGULAR) AND SIZE (MINIMUM DIAMETER OR RANGE) SHALL BE AS SPECIFIED BY DEEP FISHERIES OR AS RECOMMENDED BY THE OFFICE OF ENVIRONMENTAL PLANNING (OEP). CONTRACTOR SHALL COORDINATE TYPE AND SIZE WITH DEEP FISHERIES OR OEP.
4. ALL WORK ASSOCIATED WITH THE INSTALLATION OF THE ROCK WEIR SHALL BE PAID FOR UNDER THE ITEM FOR "ROCK WEIR". EXISTING OR NATURAL STREAMBED MATERIAL SHALL BE PAID FOR UNDER THE ITEM FOR "EXCAVATION AND REUSE OF EXISTING CHANNEL BOTTOM MATERIAL" AND "SUPPLEMENTAL STREAMBED CHANNEL MATERIAL."
5. BOULDERS SHALL BE PLACED WITHIN THE DEPARTMENT'S RIGHT-OF-WAY OR EASEMENT.

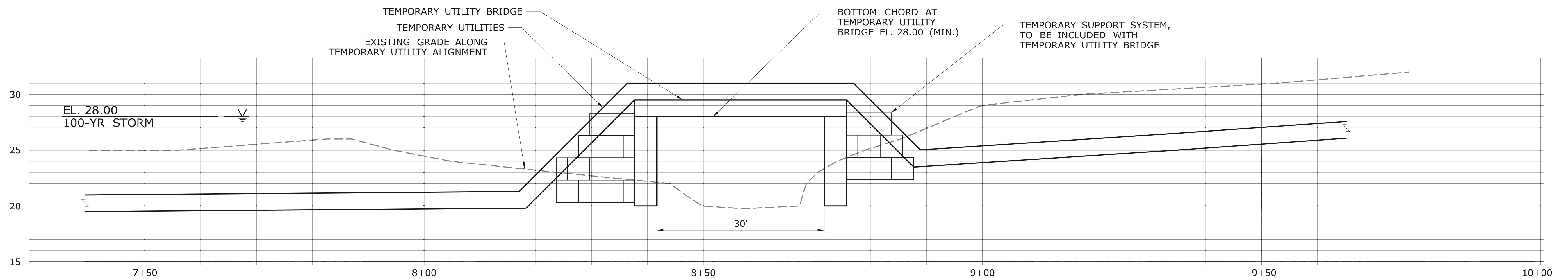
**ENVIRONMENTAL PERMIT PLANS**  
**PLAN DATE: MAY 25, 2021**

DESIGNER/DRAFTER: <b>JVS/JVS</b>		 <b>STATE OF CONNECTICUT</b> <b>DEPARTMENT OF TRANSPORTATION</b>	SIGNATURE/ BLOCK:  <b>ADA</b> A. Dicesare Associates, P.C. 690 Clinton Avenue Bridgeport, CT 06604 203-938-0444 www.adassociates.com	PROJECT TITLE: <b>BRIDGE REPLACEMENT BRIDGE NO. 01872 U.S. ROUTE 1 OVER GREENWICH CREEK</b>	TOWN: <b>GREENWICH</b>	PROJECT NO. <b>056-305</b>
CHECKED BY: <b>ADC</b>					APPROVED BY: A. DICESARE	DATE: 11/20/2020
REV.	DATE	REVISION DESCRIPTION	SHEET NO.	Plotted Date: 5/24/2021	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.	



**PLAN**

SCALE: 1"=10'



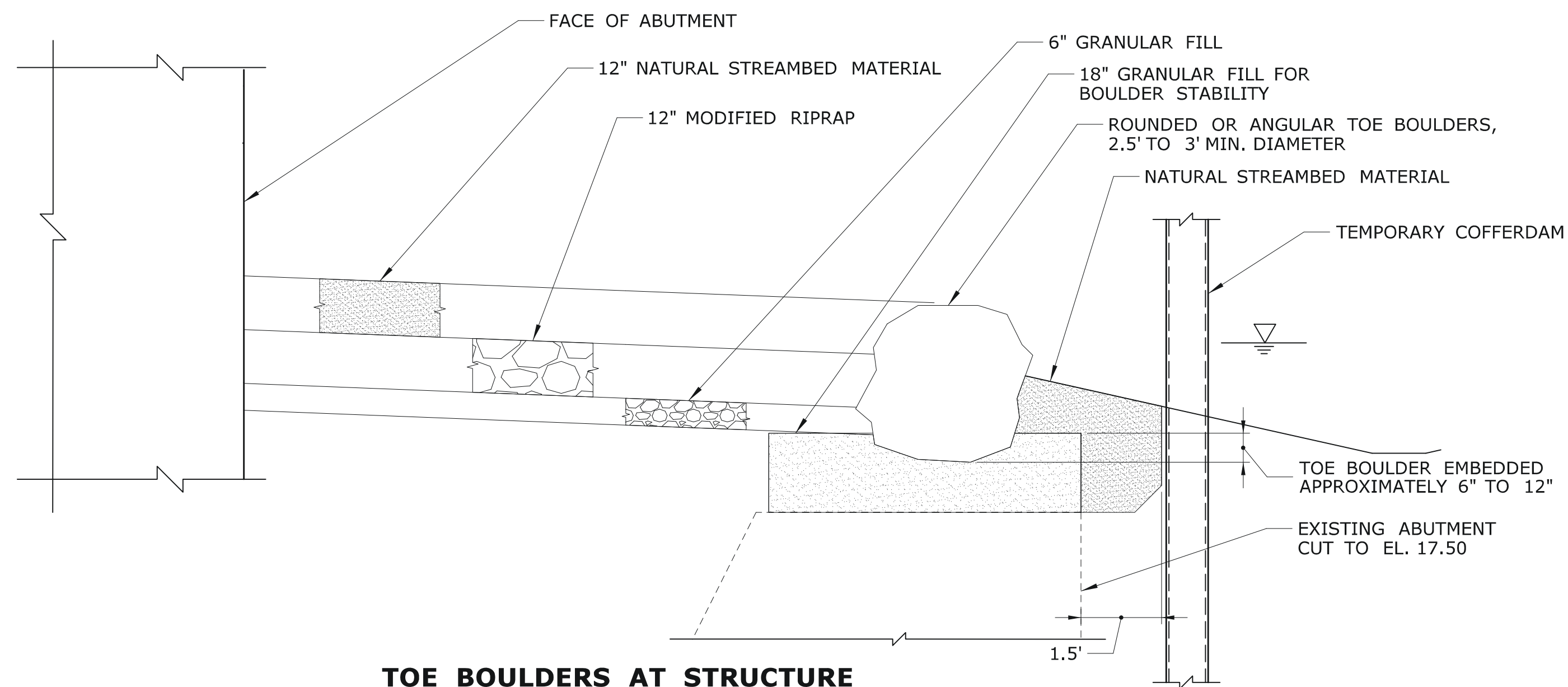
**PROFILE ALONG TEMPORARY UTILITIES**

SCALE: HORIZ. - 1" = 10'  
SCALE: VERT. - 1" = 5'

NOTE: THIS SKETCH IS UTILIZED TO ESTIMATE THE EXTENT OF INLAND WETLAND IMPACTS DUE TO THE TEMPORARY RELOCATED UTILITIES AND TO PROVIDE THE CONTRACTOR GUIDANCE ON SPANNING OVER THE WATER COURSE. LOCATIONS OF TEMPORARY UTILITIES AS SHOWN ARE APPROXIMATE. LOCATIONS AND ELEVATIONS FOR TEMPORARY UTILITIES SHALL BE DETERMINED BY THE APPROPRIATE UTILITY COMPANY. THE UTILITY BRIDGE SHALL BE DESIGNED BY THE CONTRACTOR.

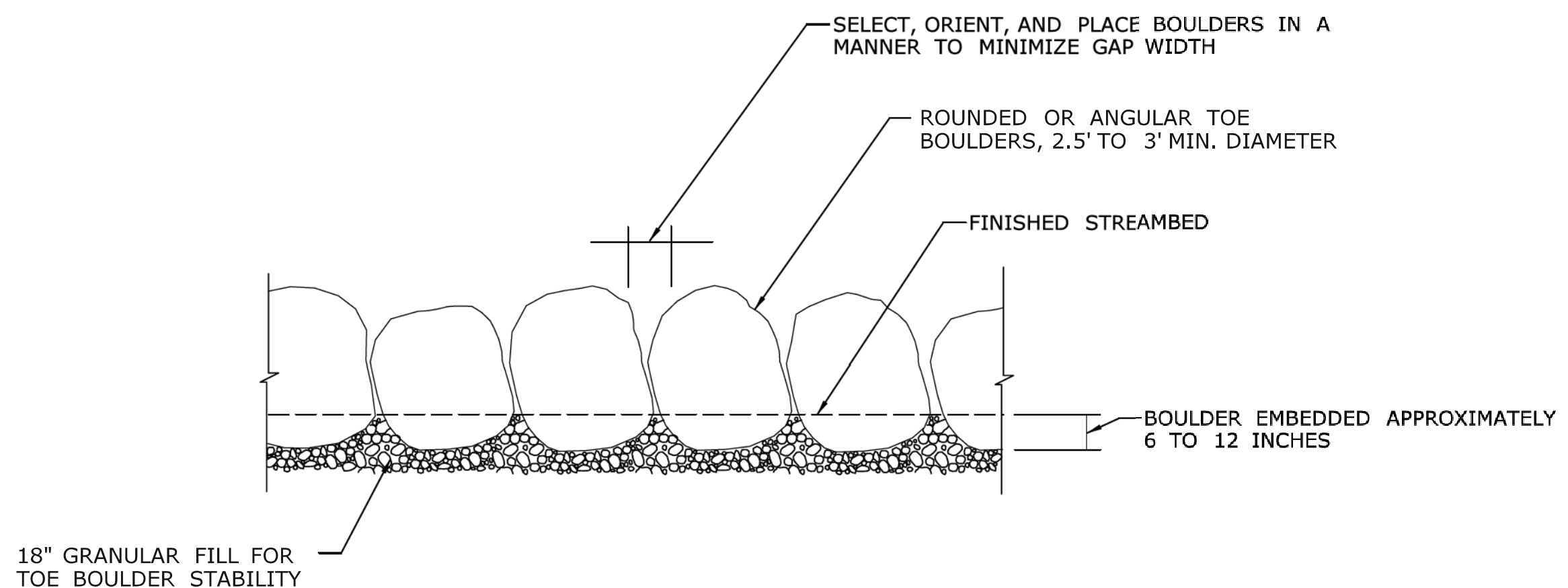
**ENVIRONMENTAL PERMIT PLANS**  
**PLAN DATE: MAY 25, 2021**

DESIGNER/DRAFTER: <b>JVS/DSM</b>		 <b>STATE OF CONNECTICUT</b> <b>DEPARTMENT OF TRANSPORTATION</b>	SIGNATURE/BLOCK:  <b>ADA</b> A.D. Cesare Associates, P.C. 699 Clinton Avenue Bridgeport, CT 06604 203-936-0444 www.adcesare.com	PROJECT TITLE: <b>BRIDGE REPLACEMENT</b> <b>BRIDGE NO. 01872 U.S. ROUTE 1</b> <b>OVER GREENWICH CREEK</b>	TOWN: <b>GREENWICH</b>	PROJECT NO. <b>056-305</b>
CHECKED BY: <b>ADC</b>						
REV.	DATE	REVISION DESCRIPTION	SHEET NO.	Plotted Date: 5/24/2021	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.	



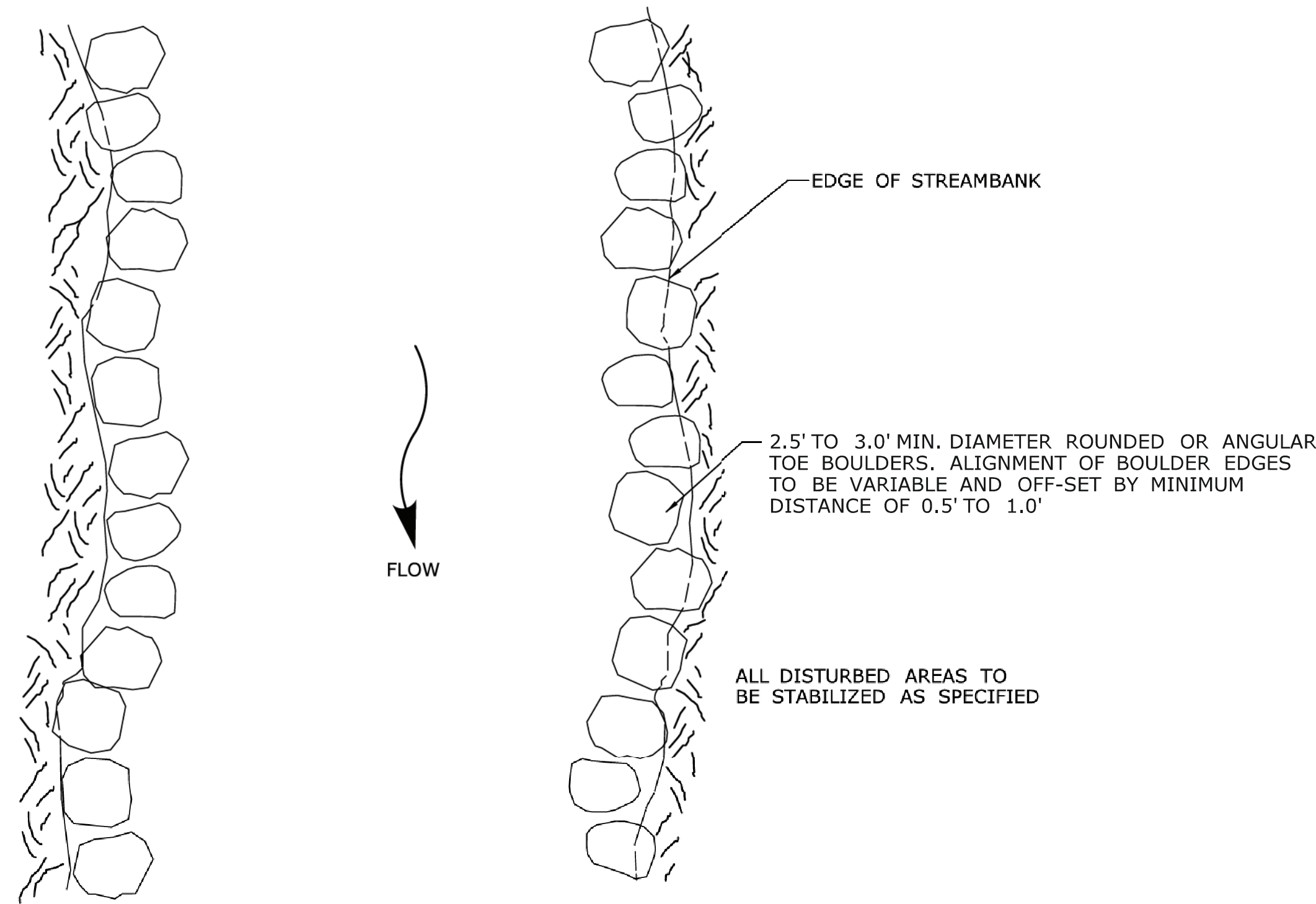
**TOE BOULDERS AT STRUCTURE**

N.T.S.



**TOE BOULDERS PROFILE VIEW**

N.T.S.



**TOE BOULDERS PLAN VIEW**

N.T.S.

**NOTES:**

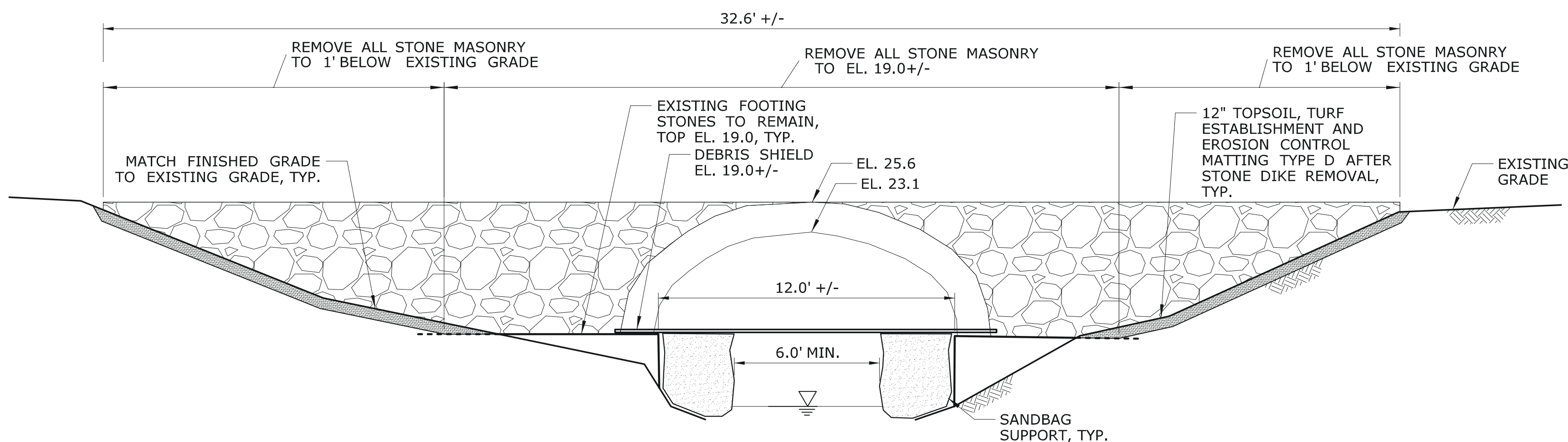
1. PLACEMENT OF TOE BOULDERS SHALL BE DIRECTED IN THE FIELD BY THE ENGINEER OR THE AUTHORIZED DELEGATE. SEE SPECIAL PROVISIONS "PLACEMENT OF TOE BOULDERS".
2. BOULDERS SHALL BE PLACED WITHIN THE DEPARTMENT'S RIGHT-OF-WAY OR EASEMENT.
3. ALL WORK ASSOCIATED WITH THE PLACEMENT OF TOE BOULDERS SHALL BE PAID FOR UNDER "PLACEMENT OF TOE BOULDERS." EXISTING OR NATURAL STREAMBED MATERIAL SHALL BE PAID FOR UNDER SPECIAL PROVISION "EXCAVATION AND REUSE OF EXISTING CHANNEL BOTTOM MATERIAL", AND SUPPLEMENTAL STREAMBED CHANNEL MATERIAL."

**NATIVE STREAMBED MATERIAL NOTES:**

1. NATIVE STREAMBED MATERIAL EXCAVATED DURING THE BRIDGE INSTALLATION SHALL BE STOCKPILED AND THEN REPLACED WITHIN THE WATERWAY CHANNEL TO THE DEPTH SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER IN ACCORDANCE WITH THE SPECIAL PROVISION "EXCAVATION AND REUSE OF EXISTING CHANNEL BOTTOM MATERIAL."
2. ADDITIONAL STREAMBED MATERIAL IF REQUIRED, SHALL BE IN ACCORDANCE WITH SPECIAL PROVISION "SUPPLEMENTAL STREAMBED CHANNEL MATERIAL."
3. THE STOCKPILE SHALL BE LOCATED OUTSIDE OF THE WETLAND LIMITS AND PROTECTED WITH SEDIMENTATION CONTROL SYSTEM.

**STONE DIKE REMOVAL NOTES:**

1. REMOVAL OF STONE DIKE SHALL BE PAID FOR UNDER ITEM REMOVAL OF EXISTING MASONRY.
2. STONE DIKE IS 3'+/- WIDE. STONE DIKE DIMENSIONS AND ELEVATIONS ARE APPROXIMATE FOR ESTIMATING PURPOSES ONLY AND SHALL BE FIELD VERIFIED.
3. REMOVAL OF THE STONE DIKE SHALL OCCUR DURING LOW FLOW PERIODS.
4. IF THE WATER SURFACE ELEVATION APPROACHES THE TOP OF THE DEBRIS SHIELD (WITHIN 3 INCHES), THE CONTRACTOR SHALL STOP WORK, REMOVE ACCUMULATED DEBRIS, AND REMOVE THE DEBRIS SHIELD AND SANDBAG SUPPORTS UNTIL FLOW BEGINS TO RECEDE.
5. THE DEBRIS SHIELD SHALL EXTEND A MINIMUM OF 4- FEET UPSTREAM AND DOWNSTREAM OF THE LIMITS OF THE STONE DIKE.
6. THE WATERCOURSE AREA SHALL BE RESTORED TO EXISTING CONDITIONS WITH NATURAL STREAMBED MATERIAL.



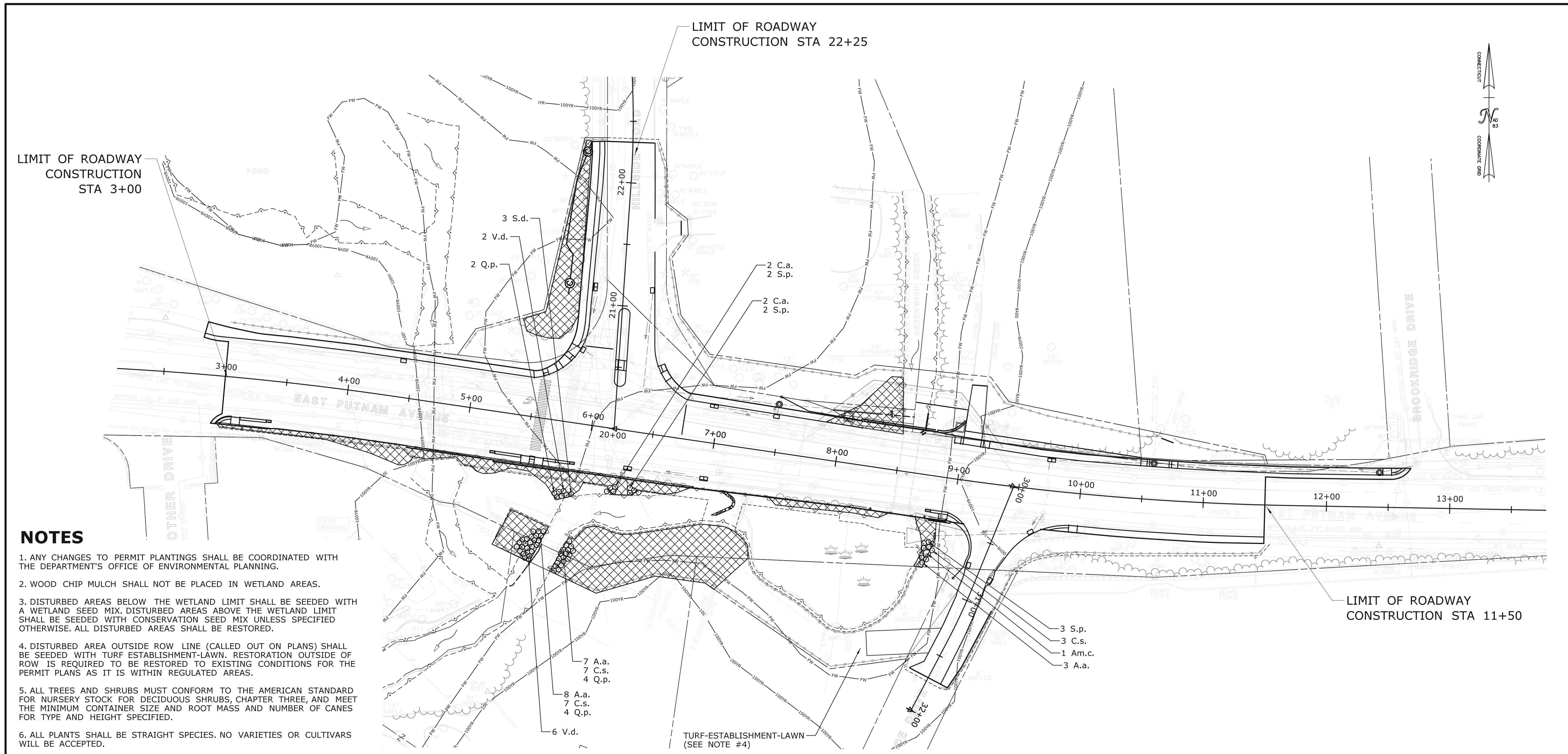
**STONE DIKE REMOVAL**

N.T.S.

**ENVIRONMENTAL PERMIT PLANS**

**PLAN DATE: MAY 25, 2021**

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: <b>JVS/JVS</b> CHECKED BY: <b>ADC</b> SCALE AS NOTED	<b>STATE OF CONNECTICUT</b> <b>DEPARTMENT OF TRANSPORTATION</b> Filename: ...ENV_MSH_056_305_PMT-12.dgn	SIGNATURE/BLOCK:  APPROVED BY: A. DICESARE DATE: 11/20/2020	PROJECT TITLE: <b>BRIDGE REPLACEMENT</b> <b>BRIDGE NO. 01872 U.S. ROUTE 1</b> <b>OVER GREENWICH CREEK</b>	TOWN: <b>GREENWICH</b> DRAWING TITLE: <b>TOE BOULDER AND</b> <b>DIKE REMOVAL DETAILS</b>	PROJECT NO. <b>056-305</b> DRAWING NO. <b>PMT-12</b> SHEET NO. <b>12</b>
REV.	DATE	REVISION DESCRIPTION	SHEET NO.	Plotted Date: 5/24/2021			



**NOTES**

1. ANY CHANGES TO PERMIT PLANTINGS SHALL BE COORDINATED WITH THE DEPARTMENT'S OFFICE OF ENVIRONMENTAL PLANNING.
2. WOOD CHIP MULCH SHALL NOT BE PLACED IN WETLAND AREAS.
3. DISTURBED AREAS BELOW THE WETLAND LIMIT SHALL BE SEEDED WITH A WETLAND SEED MIX. DISTURBED AREAS ABOVE THE WETLAND LIMIT SHALL BE SEEDED WITH CONSERVATION SEED MIX UNLESS SPECIFIED OTHERWISE. ALL DISTURBED AREAS SHALL BE RESTORED.
4. DISTURBED AREA OUTSIDE ROW LINE (CALLED OUT ON PLANS) SHALL BE SEEDED WITH TURF ESTABLISHMENT-LAWN. RESTORATION OUTSIDE OF ROW IS REQUIRED TO BE RESTORED TO EXISTING CONDITIONS FOR THE PERMIT PLANS AS IT IS WITHIN REGULATED AREAS.
5. ALL TREES AND SHRUBS MUST CONFORM TO THE AMERICAN STANDARD FOR NURSERY STOCK FOR DECIDUOUS SHRUBS, CHAPTER THREE, AND MEET THE MINIMUM CONTAINER SIZE AND ROOT MASS AND NUMBER OF CANES FOR TYPE AND HEIGHT SPECIFIED.
6. ALL PLANTS SHALL BE STRAIGHT SPECIES. NO VARIETIES OR CULTIVARS WILL BE ACCEPTED.

**PERMIT PLANT LIST**

KEY	BOTANICAL NAME	COMMON NAME	SIZE	QTY.	SPACING	COMMENTS	WETLAND INDICATOR
A.a.	<i>Aronia arbutifolia</i>	Red Chokecherry	2'-3' Ht. B.B.	18	4' On Center		FACW
Am.c.	<i>Amelanchier canadensis</i>	Shadblow Serviceberry	4'-5' Ht. B.B.	1	Field Locate		FAC
C.a.	<i>Cornus amomum</i>	Silky Dogwood	2'-3' Ht. B.B.	4	4' On Center		FACW
C.s.	<i>Cornus sericea</i>	Redosier Dogwood	2'-3' Ht. B.B.	17	4' On Center		FACW
Q.p.	<i>Quercus palustris</i>	Pin Oak	3'-4' Ht. Whips B.B.	8	4' On Center		FACW
S.d.	<i>Salix discolor</i>	Pussy Willow	2'-3' Ht. B.B.	2	4' On Center		FACW
S.p.	<i>Spirea alba</i>	Meadowsweet	18"-24" Ht. B.B.	7	4' On Center		FACW
V.d.	<i>Viburnum dentatum</i>	Arrowwood Viburnum	2'-3' Ht. B.B.	10	4' On Center		FAC
Control and Removal of Invasive Vegetation				1,780 S.Y.			
Wood Chip Mulch				90 S.Y.			

**LEGEND**

- CONTROL AND REMOVAL OF INVASIVE VEGETATION
- SEDIMENTATION CONTROL SYSTEM
- STATE/FEDERAL WETLANDS
- ORDINARY HIGH WATER
- FEMA FLOODWAY
- FEMA 100-YEAR FLOOD (CALCULATED)

**ENVIRONMENTAL PERMIT PLANS  
APRIL 28, 2021**

DESIGNER/DRAFTER: MR	CHECKED BY: MV	 <b>STATE OF CONNECTICUT</b> <b>DEPARTMENT OF TRANSPORTATION</b>		SIGNATURE/ BLOCK:  OFFICE OF ENGINEERING	APPROVED BY:	PROJECT TITLE:  <b>BRIDGE REPLACEMENT BRIDGE NO. 01872 U.S. ROUTE 1 OVER GREENWICH CREEK</b>	TOWN: <b>GREENWICH</b>	
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.		SCALE IN FEET  SCALE 1"=40'				PROJECT NO. <b>56-305</b> DRAWING NO. <b>PMT-13</b> SHEET NO. <b>13</b>		
REV.	DATE	REVISION DESCRIPTION	SHEET NO.	Plotted Date: 4/29/2021	Filename: ...Landscape\HW_56-305_LND_01.dgn			