



Connecticut Department of Energy and Environmental Protection License*

Inland Wetlands & Watercourses Permit

Licensee(s): Connecticut Department of
Transportation

Licensee Address(s): 2800 Berlin Turnpike,
Newington, CT 06131-7546

License Number(s): 202506382-IW

Municipality: Southbury

Project Description: Rehabilitation of Bridge No. 07044

Project Address/Location: I-84 over Oliver Brook, Southbury, CT 06488

Waters: Oliver Brook, an unnamed watercourse, and unnamed wetlands

**Authorizing CT Statute(s)
and/or Federal Law:** CGS Section 22a-36 to 45

**Applicable Regulations of
CT State Agencies:** 22a-39-1 to 15

Agency Contact: Land & Water Resources Division,
Bureau of Water Protection & Land Reuse, 860-424-3019

License Expiration: Five (5) years from the date of issuance of this license.

Project Site Plan Set: *Environmental Permit Plans State Project No. 0130-0188:
Rehabilitation of Bridge No. 07044 Interstate 84 over Oliver
Brook, Town of Southbury, 10 sheets, dated July 31, 2025, and
prepared by the State of Connecticut Department of
Transportation.*

License Enclosures: LWRD General Conditions; Site Plan Set; LWRD Work
Commencement Form; LWRD Compliance Certification Form

*Connecticut's Uniform Administrative Procedure Act defines License to include, "the whole or part of any agency permit, certificate, approval, registration, charter or similar form of permission required by law . . ."

Authorized Activities:

The Licensee is hereby authorized to conduct the following work as described in application # 202506382 and as depicted on any site plan sheets / sets cited herein:

Temporarily and permanently impact 420 square feet (sf) and 5,210 sf of watercourse, respectively, and 675 sf and 140 sf of wetlands, respectively, due to the rehabilitation of Bridge No. 07044 which includes:

1. Installation of a new 9 ft diameter corrugated aluminum pipe (CAP) (slip-lining) within the existing 291 ft long, 10 ft diameter asphalt coated corrugated metal pipe (ACCMMP) and secured with grout as depicted on plan sheets PMT-02, PMT-03, PMT-05 and PMT-06;
2. Installation of 34 corner angled baffles (height of 14 inches above the invert) starting 9 ft from the inlet and then spaced evenly 8 ft apart along the bottom of the new 9 ft diameter CAP liner as depicted on plan sheets PMT-05 and PMT-06;
3. Installation of a concrete fishway (at the CAP outlet) over 12 inches of granular fill, filled with 1 ft of natural streambed material and comprised of 9 concrete weirs spaced approximately 5' apart and with alternating 2 ft wide x 1 ft deep notches slotted with weir boards as depicted on plan sheets PMT-02, PMT-03, PMT-06, and PMT-07;
4. Grade 10 ft downstream from the proposed fishway by installing 12 inches of natural streambed material washed into 18 inches of intermediate rip rap over 6 inches of granular fill as depicted on plan sheets PMT-02, PMT-03, and PMT-07;
5. Installation of a rock weir 10 ft downstream from the proposed fishway comprised of 12-18 inch diameter rounded boulders over 1-2 layers of footer rocks and top-dressed with natural streambed material (< 6 inches) as depicted on plan sheets PMT-02, PMT-03, PMT-07, and PMT-09;
6. Replacement of approximately 45 ft of the existing concrete lined drainage swale located northeast of the CAP outlet with 12 inches of natural streambed material washed into 18 inches of intermediate rip rap over 6 inches of granular fill as depicted on plan sheet PMT-02;
7. Installation of a 40 ft long, 15-inch HDPE pipe connecting to an existing 15-inch CMP conveying drainage formally discharging at the ACCMP outlet, now discharging to the drainage swale noted in Authorized Activity 6 herein as depicted on plan sheets PMT-02 and PMT-03;
8. Grade approximately 35 linear ft upstream of the CAP liner inlet with approximately 12 inches of natural streambed material to match the upstream streambed elevation to the new CAP liner invert elevation as depicted on plan sheets PMT-02, PMT-03, and PMT-05;
9. Installation of a primary and secondary debris control system upstream from the culvert inlet, comprised of a primary system consisting of five 6 inch round pile deflectors spaced 3 ft apart and 3 ft above the channel elevation in a V-shape configuration (approx. 15 ft upstream from the inlet), and a secondary system consisting of three 2 inch smooth galvanized bars set 3-6 ft apart and 2 ft above the channel elevation (approx. 9 ft from the inlet) as depicted on plan sheets PMT-02, PMT-03, and PMT-08;
10. Grade the base of the I-84 westbound northwestern embankment slope associated with the installation of a permanent access road as depicted on plan sheet PMT-03;

11. Installation of temporary sedimentation and erosion controls resulting in temporary wetland impacts located on the downstream side of the CAP liner as depicted on plan sheets PMT-02 and PMT-03; and
12. Installation of temporary cofferdams (within the limits shown on the upstream and downstream sides), two temporary bypass pipes (3 ft diameter and 15-inch diameter) for water-handling in and around the structure, and a temporary bypass pipe (if required) for handling ancillary storm drainage (24-inch diameter) as depicted on plan sheets PMT-03 and PMT-04.

Failure to comply with the terms and conditions of this license shall subject the Licensee and / or the Licensee's contractor(s) to enforcement actions and penalties as provided by law.

This license is subject to the following Terms and Conditions:

1. **License Enclosure(s) and Conditions.** The Licensee shall comply with all applicable terms and conditions as may be stipulated within the License Enclosure(s) listed above.
2. **Discharge of Grout.** At no time shall the Licensee allow grout to discharge into the waters of Oliver Brook.
3. **Excavation and Reuse of Natural Streambed Material.** The Licensee shall stockpile natural streambed material outside the wetland limits, protected within a sedimentation control system. All native streambed material excavated during installation of the culvert liner shall be replaced to the depths as shown in the site plan set attached hereto.
4. **Fisheries Notification.** The Licensee shall notify the DEEP Fisheries Division at least ten (10) days prior to the installation of the rock weir as described in Activity 5.
5. **Maintenance of Fishway.** The Licensee shall ensure the proper function of the proposed fishway (as stated in Authorized Activity 3) to provide adequate fish passage by conducting any required maintenance and repairs for the lifetime of the structure.
6. **Maintenance of Debris Control System.** The Licensee shall ensure proper maintenance of the proposed debris control system at the CAP inlet (as stated in Authorized Activity 9). The Licensee shall, at a minimum, inspect the system every two years following construction (with the potential to increase inspections if maintenance personnel deem so).
7. **Invasive Species Management.** The Licensee shall manage invasive species present within clearing limits and impacts areas, including but not limited to multiflora rose (*Rosa multiflora*), Oriental bittersweet (*Celastrus orbiculatus*), and Nepalese browntop (*Microstegium vimineum*) in accordance with plan sheet PMT-10 of the site plan set attached hereto.
8. **Management of Materials.** All wastewaters produced from the cleaning, preparation, and/or installation for slip-lining shall be managed in accordance with all federal, state, and local requirements, including Chapter 446K Water Pollution Control, Chapter 445 Hazardous Waste, and Chapter 446d Solid Waste of the Connecticut General Statutes.

Issued under the authority of the Commissioner of Energy and Environmental Protection on:

Date

Emma Cimino
Acting Commissioner
Department of Energy & Environmental Protection



LWRD General Conditions

- 1. Land Record Filing (for *Structures Dredging & Fill, Tidal Wetlands, Certificate of Permission, and Long Island Sound General Permit Licenses only*).** The Licensee shall file the Land Record Filing on the land records of the municipality in which the subject property is located not later than thirty (30) days after license issuance pursuant to Connecticut General Statutes (CGS) Section 22a-363g. A copy of the Notice with a stamp or other such proof of filing with the municipality shall be submitted to DEEP.LWRDRegulatory@ct.gov no later than sixty (60) days after license issuance. If a Land Record Filing form is not enclosed and the work site is not associated with an upland property, no filing is required.
- 2. Contractor Notification.** The Licensee shall give a copy of the license and its attachments to the contractor(s) who will be carrying out the authorized activities prior to the start of construction and shall receive a written receipt for such copy, signed and dated by such contractor(s). The Licensee's contractor(s) shall conduct all operations at the site in full compliance with the license and, to the extent provided by law, may be held liable for any violation of the terms and conditions of the license. At the work site, the contractor(s) shall, whenever work is being performed, have on site and make available for inspection a copy of the license and the authorized plans.
- 3. Work Commencement.** Not later than two (2) weeks prior to the commencement of any work authorized herein, the Licensee shall submit to DEEP.LWRDRegulatory@ct.gov, on the Work Commencement Form attached hereto, the name(s) and address(es) of all contractor(s) employed to conduct such work and the expected date for commencement and completion of such work, if any.
 - For water diversion activities authorized pursuant to 22a-377(c)-1 of the Regulations of Connecticut State Agencies, the Licensee shall also notify the Commissioner in writing two weeks prior to initiating the authorized diversion.
 - For emergency activities authorized pursuant to Connecticut General Statutes Section 22a-6k, the Licensee shall also notify the Commissioner, in writing, of activity commencement at least one (1) day prior to construction and of activity completion no later than five (5) days after conclusion.
 - For reconfiguration activities authorized pursuant to ..., the Licensee shall notify the Commissioner, in writing, of reconfiguration activities no later than three (3) days prior to commencing such work and of work completion no later than seven (7) days after conclusion. **Work Commencement. The Licensee shall notify the Commissioner of reconfiguration activities no later than three days prior to commencing such work. The Work Commencement Form, attached hereto, shall be completed and emailed to DEEP.LWRDRegulatory@ct.gov. The Licensee shall also notify the commissioner no later than seven days after work completion.**

- The Work Commencement condition and the need for a Work Commencement Form is not applicable to Flood Management Certification approvals.
4. **For Coastal Licenses Only - License Notice.** The Licensee shall post the first page of the License in a conspicuous place at the work area while the work authorized therein is undertaken.
 5. **Unauthorized Activities.** Except as specifically authorized, no equipment or material, including but not limited to, fill, construction materials, excavated material or debris, shall be deposited, placed or stored in any wetland or watercourse on or off-site. The Licensee may not conduct work within wetlands or watercourses other than as specifically authorized, unless otherwise authorized in writing by the Commissioner. Tidal wetlands means “wetland” as defined by section 22a-29 and “freshwater wetlands and watercourses” means “wetlands” and “watercourses” as defined by section 22a-38.
 6. **Management of Materials.** Any materials removed from the site shall be managed in accordance with all federal, state, and local requirements, including Chapter 446K Water Pollution Control, Chapter 445 Hazardous Waste, and Chapter 446d Solid Waste of the Connecticut General Statutes.
 7. **Unconfined Instream Work.** Unless otherwise noted in a condition of the license, the following conditions apply to projects in non-coastal waters:
 - Unconfined instream work is limited to the period June 1 through September 30.
 - Confinement of a work area by cofferdam techniques using sand bag placement, sheet pile installation (vibratory method only), portadam, or similar confinement devices is allowed any time of the year. The removal of such confinement devices is allowed any time of the year.
 - Once a work area has been confined, in-water work within the confined area is allowed any time of the year.
 - The confinement technique used shall completely isolate and protect the confined area from all flowing water. The use of silt boom/curtain or similar technique as a means for confinement is prohibited.
 8. **For State Actions Only - Material or Equipment Storage in the Floodplain.** Unless approved by a Flood Management Exemption, the storage of any materials at the site which are buoyant, hazardous, flammable, explosive, soluble, expansive, radioactive, or which could in the event of a flood be injurious to human, animal or plant life, below the elevation of the five-hundred (500) year flood is prohibited. Any other material or equipment stored at the site below said elevation by the Licensee or the Licensee's contractor must be firmly anchored, restrained or enclosed to prevent flotation. The quantity of fuel stored below such elevation for equipment used at the site shall not exceed the quantity of fuel that is expected to be used by such equipment in one day. In accordance with the licensee's Flood Contingency Plan, the Licensee shall remove equipment and materials from the floodplain during periods when flood warnings have been issued or are anticipated by a responsible federal, state or local agency. It shall be the Licensee's responsibility to obtain such warnings when flooding is anticipated.

- 9. Temporary Hydraulic Facilities for Water Handling.** If not reviewed and approved as a part of the license application, temporary hydraulic facilities shall be designed by a qualified professional and in accordance with the [Connecticut Guidelines for Soil Erosion and Sediment Control](#) as revised, the [Connecticut Stormwater Quality Manual](#) as revised, or the Department of Transportation's [CTDOT Drainage Manual](#), as applicable. Temporary hydraulic facilities may include channels, culverts or bridges which are required for haul roads, channel relocations, culvert installations, bridge construction, temporary roads, or detours.
- 10. Excavated Materials.** Unless otherwise authorized, all excavated material shall be staged and managed in a manner which prevents additional impacts to wetlands and watercourses.
- 11. Best Management Practices.** The Licensee shall not cause or allow pollution of any wetlands or watercourses, including pollution resulting from sedimentation and erosion. In constructing or maintaining any authorized structure or facility or conducting any authorized activity, or in removing any such structure or facility, the Licensee shall employ best management practices to control storm water discharges, to prevent erosion and sedimentation, and to otherwise prevent pollution of wetlands and other waters of the State. For purposes of the license, "pollution" means "pollution" as that term is defined by CGS section 22a-423. Best Management Practices include, but are not limited, to practices identified in the [Connecticut Guidelines for Soil Erosion and Sediment Control](#) as revised, [Connecticut Stormwater Quality Manual](#) as revised, Department of Transportation's [CTDOT Drainage Manual](#) as revised, and the Department of Transportation Standard Specifications as revised.
- 12. In-Water Work Vessel Staging and Storage. (for Structures Dredging & Fill, Tidal Wetlands, Certificate of Permission, and Long Island Sound General Permit Licenses only).** For any barge, vessel, skiff or floating work platform ("work vessels") utilized in the execution of the work authorized herein, the Licensee shall ensure that such work vessels:
- do not rest on, or come in contact with, the substrate at any time, unless specifically authorized in the license.
 - are not stored over intertidal flats, submerged aquatic vegetation or tidal wetland vegetation or in a location that interferes with navigation. In the event any work vessel is grounded, no dragging or prop dredging shall occur to free it.
- 13. Work Site Restoration.** Upon completion of any authorized work, the Licensee shall restore all areas temporarily impacted by construction, or used as a staging area or accessway in connection with such work, to their condition prior to the commencement of such work.
- 14. Inspection.** The Licensee shall allow any representative of the Commissioner to inspect the project location at reasonable times to ensure that work is being or has been conducted in accordance with the terms and conditions of this license.
- 15. Change of Use. (Applies only if a use is specified within the License "Project Description")**
- a. The work specified in the license is authorized solely for the purpose set forth in the license. No change in purpose or use of the authorized work or facilities as set forth in the license may occur without the prior written approval of the Commissioner. The Licensee shall, prior to undertaking or allowing any change in use or purpose from that

which is authorized by this license, request permission from the Commissioner for such change. Said request shall be in writing and shall describe the proposed change and the reason for the change.

- b. A change in the form of ownership of any structure authorized herein from a rental/lease commercial marina to a wholly-owned common interest community or dockominium may constitute a change in purpose as specified in paragraph (a) above.

16. Structure Use (for Structures Dredging & Fill, Tidal Wetlands, Certificate of Permission, and Long Island Sound General Permit Licenses only). The use of fixed or floating structures, authorized herein, or berthed vessels, for permanent, temporary, or seasonal occupancy, is a violation of this license.

- A residential dock is for private access to the waters of the state as an accessory to residential upland use. Any other use, including, but not limited to those listed above, or any commercial use, is a violation of this license.
- Structures at marinas and other water-dependent sites shall be used for the berthing of vessels solely for water-dependent purposes such as navigation and recreational or commercial boating. Any use of structures or berthed vessels for non-water dependent purposes, including but not limited to those listed above, is a violation of this license.

17. De Minimis Alteration. The Licensee shall not deviate from the authorized activity without prior written approval from the Commissioner. The Licensee may request a de minimis change to any authorized structure, facility, or activity. A de minimis alteration means a change in the authorized design, construction or operation that individually and cumulatively has minimal additional environmental impact and does not substantively alter the project as authorized.

- For diversion activities authorized pursuant to 22a-377(c)-2 of the Regulations of Connecticut State Agencies, a de minimis alteration means an alteration which does not significantly increase the quantity of water diverted or significantly change the capacity to divert water.

18. Extension Request. The Licensee may request an extension of the license expiration date. Such request shall be in writing and shall be submitted to DEEP.LWRDRegulatory@ct.gov at least thirty (30) days prior to the license expiration. Such request shall describe the work done to date, what work still needs to be completed, and the reason for such extension. The Commissioner may extend the expiration date of this license for a period of up to one year, in order for the Licensee to complete the authorized activities. It shall be at the Commissioner's sole discretion to grant or deny such request. No more than three (3) one-year extensions will be granted under this license.

19. Compliance Certification. Not later than 90 days after completion of the authorized work, the Licensee shall prepare and submit to DEEP.LWRDRegulatory@ct.gov, the attached Compliance Certification Form. Such Compliance Certification shall be completed, signed, and sealed by the Licensee and a Connecticut Licensed Design Professional. If non-compliance is indicated on the form, or the Commissioner has reason to believe the activities and/or structures were conducted in non-compliance with the license, the Commissioner may

require the Licensee to submit as-built plans as a condition of this license.

- The Compliance Certificaton condition and the need for a Compliance Certification Form is not applicable to Flood Management Certification approvals.

20. Maintenance. The Licensee shall maintain all authorized structures or work in optimal condition or shall remove such structures or facility and restore the affected waters to their pre-work condition. Any such maintenance or removal activity shall be conducted in accordance with applicable law and any additional approvals required by law.

21. No Work After License Expiration. Work conducted after the license expiration date is a violation of the license and may subject the licensee to enforcement action, including penalties, as provided by law.

22. License Transfer. The license is not transferable without prior written authorization of the Commissioner. A request to transfer a license shall be submitted in writing and shall describe the proposed transfer and the reason for such transfer. The Licensee's obligations under the license shall not be affected by the passage of title to the license site to any other person or municipality until such time as a transfer is approved by the Commissioner.

23. Document Submission. Any document required to be submitted to the Commissioner under the license or any contact required to be made with the Commissioner shall, unless otherwise specified in writing by the Commissioner, be directed to:

DEEP.LWRDRegulatory@ct.gov or

Regulatory Section
Land & Water Resources Division
Department of Energy and Environmental Protection
79 Elm Street
Hartford, Connecticut 06106-5127
860-424-3019

24. Date of Document Submission. The date of submission to the Commissioner of any document required by the license shall be the date such document is received by the Commissioner. The date of any notice by the Commissioner under the license, including but not limited to notice of approval or disapproval of any document or other action, shall be the date such notice is personally delivered or the date three (3) days after it is mailed by the Commissioner, whichever is earlier. Except as otherwise specified in the license, the word "day" as used in the license means calendar day. Any document or action which is required by the license to be submitted or performed by a date which falls on a Saturday, Sunday or a Connecticut or federal holiday shall be submitted or performed on or before the next day which is not a Saturday, Sunday, or a Connecticut or federal holiday.

25. Certification of Documents. Any document, including but not limited to any notice, which is required to be submitted to the Commissioner under the license shall be signed by the Licensee and by the individual or individuals responsible for actually preparing such document, each of whom shall certify in writing as follows: "I have personally examined and

am familiar with the information submitted in this document and all attachments and certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief, and I understand that any false statement made in this document or its attachments may be punishable as a criminal offense.”

26. Accuracy of Documentation. In evaluating the application for the license, the Commissioner has relied on information and data provided by the Licensee and on the Licensee’s representations concerning site conditions, design specifications and the proposed work, including but not limited to representations concerning the commercial, public or private nature of the work or structures, the water-dependency of said work or structures, its availability for access by the general public, and the ownership of regulated structures or filled areas. If such information proves to be false, deceptive, incomplete or inaccurate, the license may be modified, suspended or revoked, and any unauthorized activities may be subject to enforcement action.

27. Limits of Liability. In granting the license, the Commissioner has relied on all representations of the Licensee, including information and data provided in support of the Licensee’s application. Neither the Licensee’s representations nor the issuance of the license shall constitute an assurance by the Commissioner as to the structural integrity, the engineering feasibility or the efficacy of such design.

28. Reporting of Violations. In the event that the Licensee becomes aware that they did not or may not comply, or did not or may not comply on time, with any provision of this license or of any document incorporated into the license, the Licensee shall immediately notify the agency contact specified within the license and shall take all reasonable steps to ensure that any noncompliance or delay is avoided or, if unavoidable, is minimized to the greatest extent possible. In so notifying the agency contact, the Licensee shall provide, for the agency’s review and written approval, a report including the following information:

- a. the provision(s) of the license that has been violated;
- b. the date and time the violation(s) was first observed and by whom;
- c. the cause of the violation(s), if known;
- d. if the violation(s) has ceased, the duration of the violation(s) and the exact date(s) and times(s) it was corrected;
- e. if the violation(s) has not ceased, the anticipated date when it will be corrected;
- f. steps taken and steps planned to prevent a reoccurrence of the violation(s) and the date(s) such steps were implemented or will be implemented; and
- g. the signatures of the Licensee and of the individual(s) responsible for actually preparing such report.

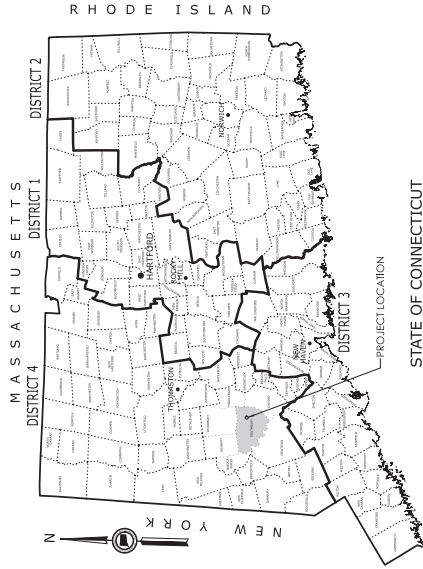
If the violation occurs outside of normal business hours, the Licensee shall contact the Department of Energy and Environmental Protection Emergency Dispatch at 860-424-3333. The Licensee shall comply with any dates which may be approved in writing by the Commissioner.

- 29. Revocation/Suspension/Modification.** The license may be revoked, suspended, or modified in accordance with applicable law.
- 30. Other Required Approvals.** License issuance does not relieve the Licensee of their obligations to obtain any other approvals required by applicable federal, state and local law.
- 31. Rights.** The license is subject to and does not derogate any present or future property rights or powers of the State of Connecticut, and conveys no property rights in real estate or material nor any exclusive privileges, and is further subject to any and all public and private rights and to any federal, state or local laws or regulations pertinent to the property or activity affected hereby.
- 32. Condition Conflicts.** In the case where a project specific special condition listed on the license differs from, or conflicts with, one of the general conditions listed herein, the project specific special condition language shall prevail. It is the licensee's responsibility to contact the agency contact person listed on the license for clarification if needed prior to conducting any further regulated activities.



Plans For

ENVIRONMENTAL PERMIT PLANS
STATE PROJECT NO. 0130-0188
REHABILITATION OF BRIDGE NO. 07044
INTERSTATE 84 OVER OLIVER BROOK

TOWN OF
SOUTH BURY

LIST OF DRAWINGS		DRAWING NO.
DRAWING TITLE		
PERMIT TITLE SHEET		PMT-01
GENERAL SITE PLAN		PMT-02
WETLAND / WATERCOURSE IMPACT PLAN		PMT-03
WATER HANDLING PLAN		PMT-04
CULVERT PLAN AND ELEVATION		PMT-05
CULVERT SECTION AND LINER DETAILS		PMT-06
FISHWAY PLAN, ELEVATION AND DETAIL		PMT-07
DEBRIS CONTROL SYSTEM		PMT-08
ROCK WEIR DETAILS		PMT-09
PERMIT PLANTING PLAN		PMT-10

LEGEND

- | | |
|---|------------------------------|
|  | WATER-HANDLING COFFERDAM |
|  | EDGE OF STREAM |
|  | ORDINARY HIGH WATER (OHW) |
|  | STATE/FEDERAL WETLANDS |
|  | SEDIMENTATION CONTROL SYSTEM |

GENERAL NOTES

1. THESE PLANS ARE NOT FOR CONSTRUCTION AND ARE INTENDED ONLY FOR ENVIRONMENTAL PERMITTING PURPOSES. THESE PLANS LACK AUTHORITY FOR ALL ACTIVITIES CONCERNING THE REGULATED ACTIVITY AND ARE NOT TO BE USED FOR PERMITTING. ALL PERMITS MUST REFER TO THE APPLICABLE CONTRACT DOCUMENTS.
2. FOR A DESCRIPTION OF THE WATERCOURSES, WETLANDS AND WELAND SOILS, SEE RELEVANT SECTIONS OF THE PERMIT APPLICATION.
3. 400 FOOT GRID BASED ON CONNECTICUT COORDINATE SYSTEM.
4. ALL CONSTRUCTION ACTIVITIES WILL BE CONDUCTED IN ACCORDANCE WITH THE DEPARTMENT'S STANDARD SPECIFICATIONS FOR ROADS, BRIDGES, AND INFRASTRUCTURE, FORM 819 SECTION 1.10. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE DEPARTMENT'S SEDIMENT AND EROSION CONTROL MEASURES IN ACCORDANCE WITH DEEP CONNECTICUT GUIDELINES FOR SOIL AND EROSION SEDIMENT CONTROL AND THE DEEP STORMWATER QUALITY MANUAL.
5. THE DEPARTMENT OF TRANSPORTATION WILL ONLY SUBMIT REVISIONS TO THESE PLANS AND SPECIFICATIONS FOR CHANGES TO THE DESIGN THAT WILL AFFECT THE PERMITTING PROCESS.

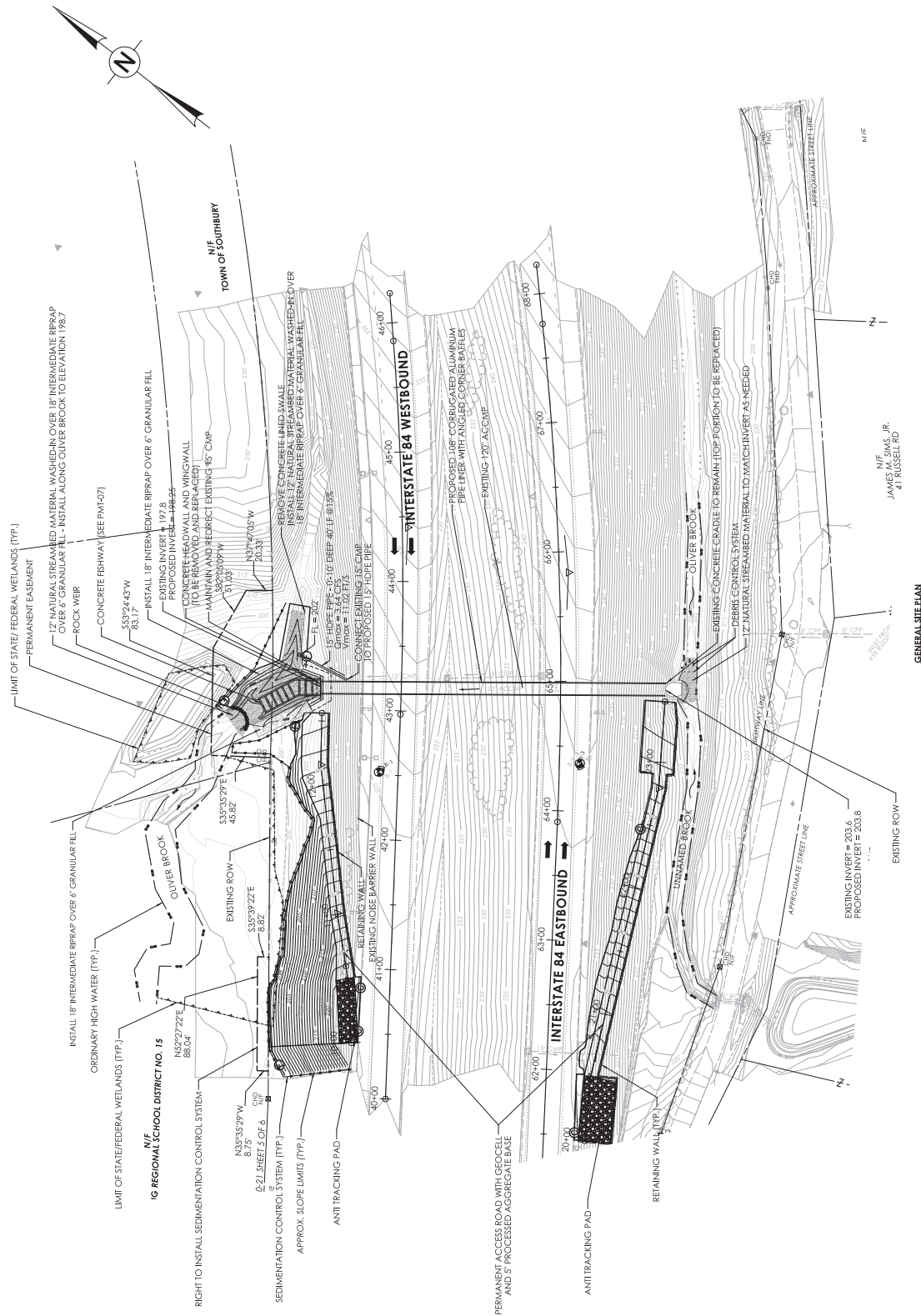
LOCATION PLAN
SCALE: 1" = 1000'



ENVIRONMENTAL PERMIT PLANS
PLAN DATE: JULY 31, 2025

[illegible]

REV.	DATE	REVISION DESCRIPTION



OPENNESS RATIO (OR):

OR = OPEN AREA / CULVERT LENGTH
1.2' BW = 12' L
0.23 FT < 0.82 FT (RECOMMENDED MINIMUM)

BANKFUL WIDTH (BW):

1.2' BW = 12' L
12 FT > 9 FT PROPOSED CULVERT SPAN

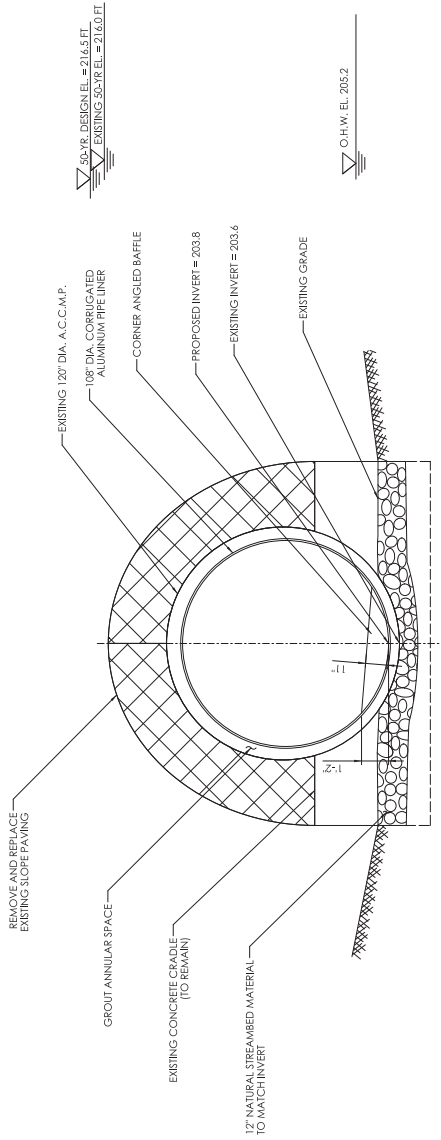
HYDRAULIC DATA	
DRAINAGE AREA	10.73 SQ. MILES
DESIGN DISCHARGE (CFS)	825
DESIGN VELOCITY (FPS)	2.04
AVERAGE DAILY FLOW ELEVATION (FT)	204.2
50-YR UPSTREAM DESIGN WATER SURFACE ELEVATION (FT)	216.5
50-YR DOWNSTREAM DESIGN WATER SURFACE ELEVATION (FT)	205.3

NOTES:

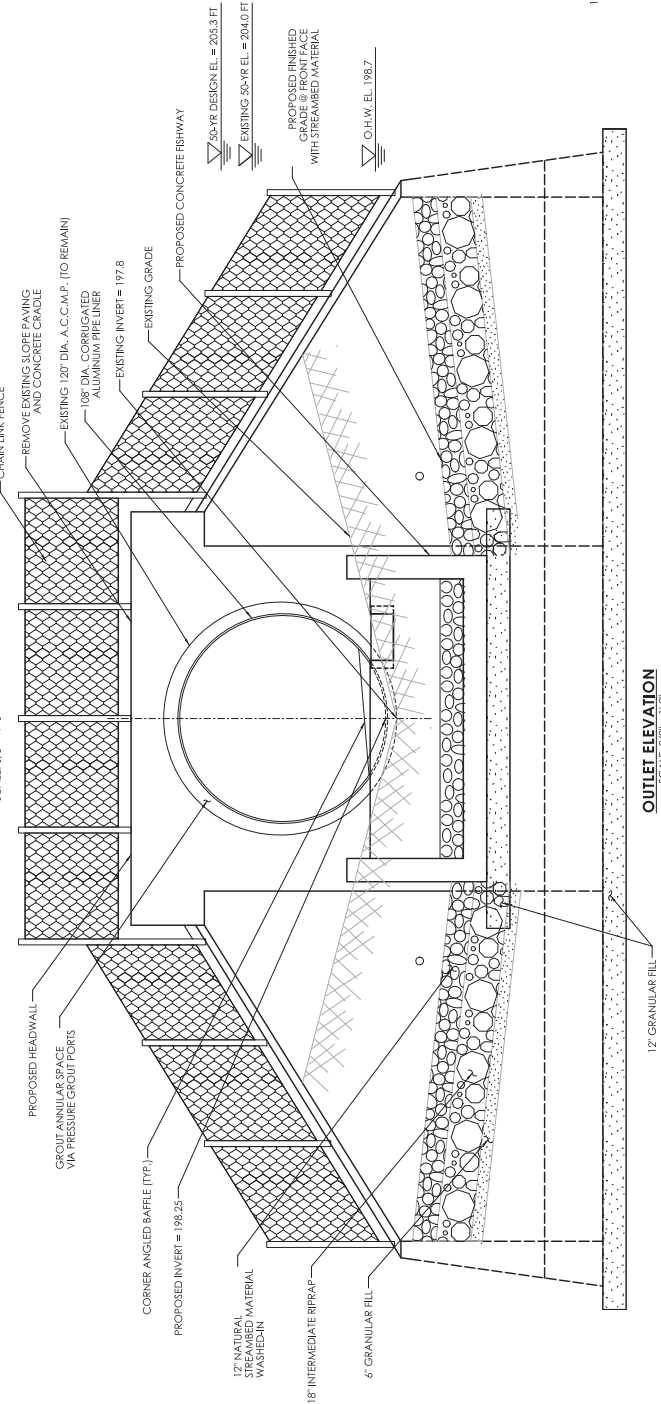
THE UPSTREAM DESIGN WATER SURFACE ELEVATIONS ARE APPROXIMATELY 1.2' ABOVE THE PROPOSED FINISHED GRADE BEHIND HEADWALL. WATER SURFACE ELEVATION IS IMMEDIATELY DOWNSTREAM OF THE FACE OF CULVERT.



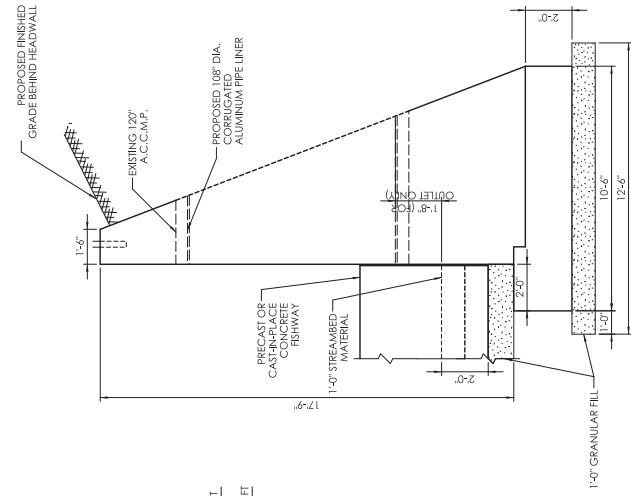
INDICATES LIMITS OF CONCRETE REMOVAL
AT EXISTING CONCRETE GRADE



INLET ELEVATION
SCALE: 3/8" = 1'-0"



OUTLET ELEVATION
SCALE: 3/8" = 1'-0"



HEADWALL SECTION
SCALE: 3/8" = 1'-0"

ENVIRONMENTAL PERMIT PLANS
PLAN DATE: JULY 31, 2025

SOUTHBRIDGE	DRAWING TITLE	PROJECT NO.	PROJECT NO.	DRAWING NO.
REHABILITATION OF BRIDGE NO. 07044 - INTERSTATE 84 OVER OLIVER BROOK	DRAWING TITLE	PROJECT NO.	PROJECT NO.	DRAWING NO.
CONNECTICUT DEPARTMENT OF TRANSPORTATION	DRAWING TITLE	PROJECT NO.	PROJECT NO.	DRAWING NO.
 Weston & Sampson 775 ROUTE 150 SOUTH BRIDGE, CT 06488 TEL: 860.231.1273 WWW.WESTONANDSAMPSON.COM	DRAWING TITLE	PROJECT NO.	PROJECT NO.	DRAWING NO.
LASTED BY: Lawrence Bergman PLOT DATE: 7/31/2025	DRAWING TITLE	PROJECT NO.	PROJECT NO.	DRAWING NO.
REVISION	DATE	BY	REVISION	DATE
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1. CONTRACTOR SHALL PERFORM WORK IN THE DRY.
2. LOCATION AND NUMBER OF PORTS TO BE DECISION BY THE CONTRACTOR.



PROJECT NO.:	0130-0188
DRAWING NO.:	PMT-06
SHEET NO.:	

SOUTHBURY

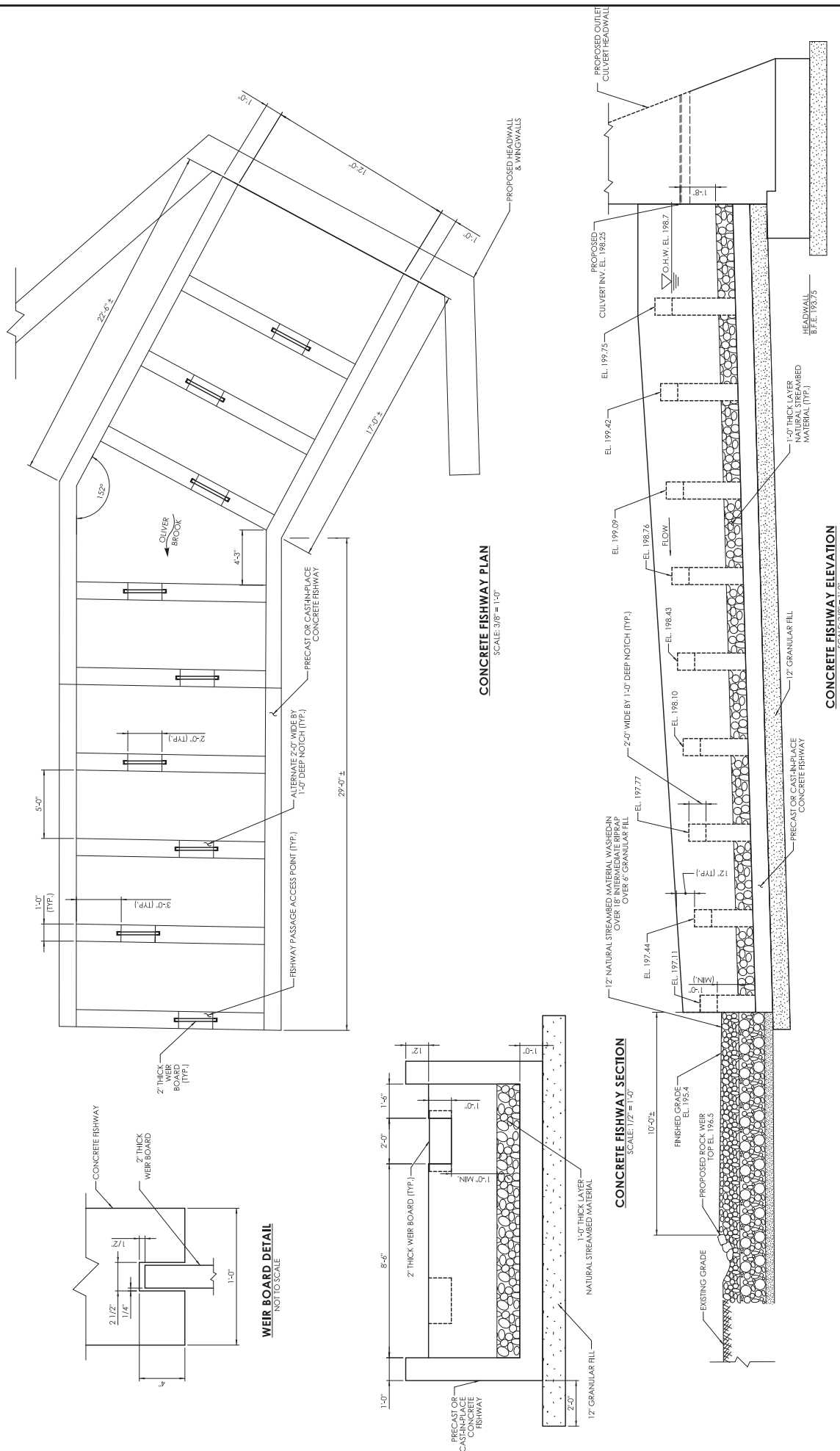


CONNECTICUT
DEPARTMENT OF
TRANSPORTATION

Weston & Sampson
104: 950.513.1473
www.westonandsampson.com

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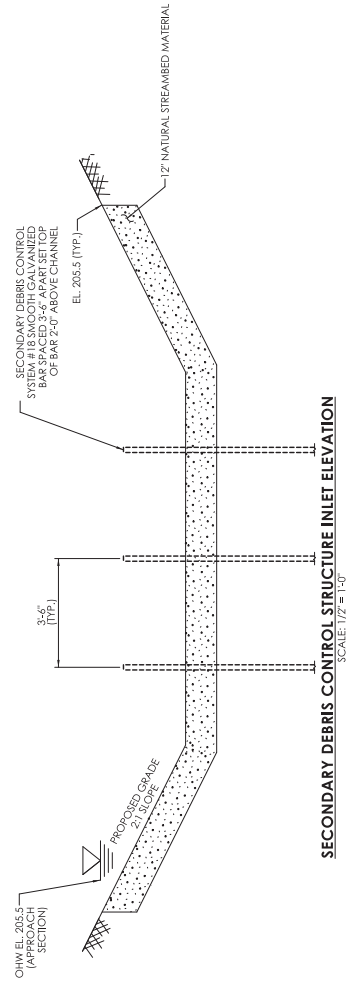
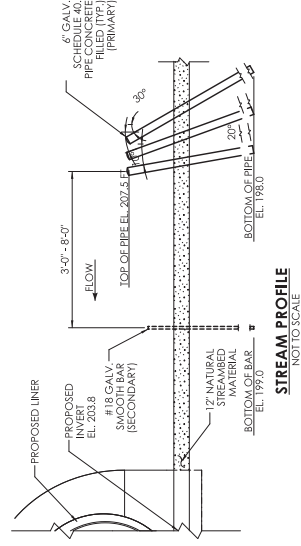
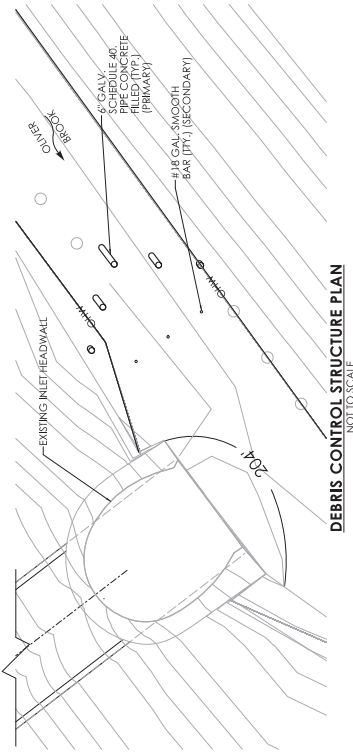
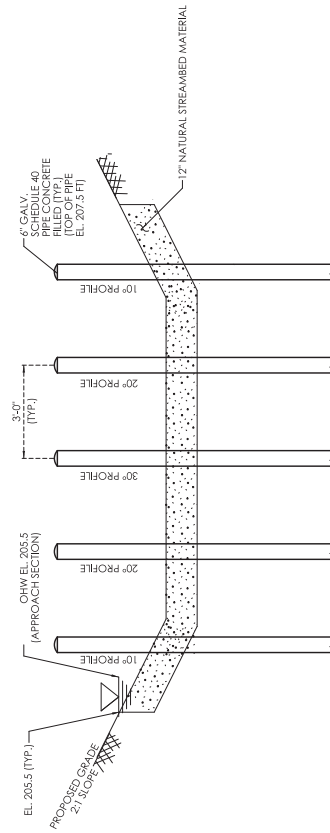
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ENVIRONMENTAL PERMIT PLANS
PLAN DATE: JULY 31, 2025

PROJECT NO:	0130-0188	DRAWING NO:	PMT-07
DRAWING FILE:	SOUTHBURY	FISHWAY PLAN	ELEVATION AND DETAIL
CONTRACT:	REHABILITATION OF BRIDGE NO. 07044 - INTERSTATE 84 OVER OLIVER BROOK	PROJECT FILE:	CONNECTICUT DEPARTMENT OF TRANSPORTATION
SCALE:	AS NOTED	SCALE:	AS NOTED
DESIGNED BY:	WESTON & SAMPESON	FILE NAME:	C:\CTDOT\CTDOT\Projects\0130-0188\Southbury\144\Draw\Connecticut\PM-07-2025\PM-07-2025\PM-07-2025.dwg
DATE:	7/31/2025	PLOTTED DATE:	7/31/2025

NO.	REVISION DESCRIPTION	DATE	BY



REV.	DATE	REVISION DESCRIPTION

SIGNATURE BLOCK:

Weston & Sampson
712 Brook Street Suite 100
Roslindale, MA 02126
Tel: 850.513.1473
www.westonsampson.com

SCALES AS NOTED

CONNECTICUT
DEPARTMENT OF
TRANSPORTATION

REHABILITATION OF BRIDGE NO. 07044 - INTERSTATE 84
OVER OLIVER BROOK

TOWN(S):

SOUTH BURY

DRAWING TITLE

DEBRIS CONTROL SYSTEM

PROJECT NO.:

PROJECT NO.:
0130-0188

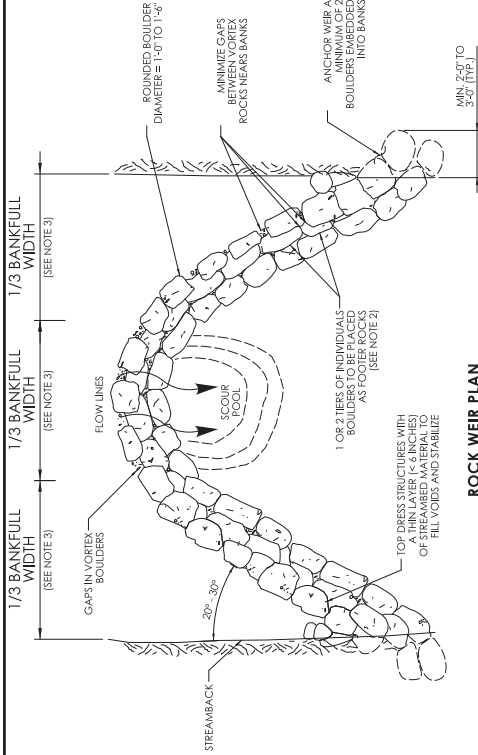
DRAWING NO.:
PMT-08
SHEET NO.:

T-08

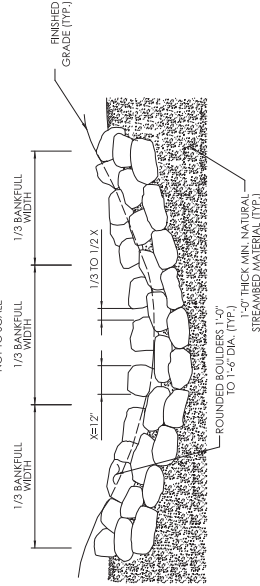
ENVIRONMENTAL PERMIT PLANS
PLAN DATE: JULY 31, 2025

FILE NAME: P:\CT\CTDOI\CT_Projects\0130-0188_Southbury_L94\Envir\Contract_Plans\SL_CP_0130-0188_DEARB CONTROL SYSTEM PERMIT PMT 08.dgn
 LASTED SAVED BY: Levesque, Benjamin
 COTED DATE: 7/31/2008

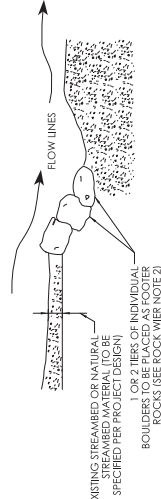
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 PRINTED DATE: 2/21/2006



ROCK WEIR PLAN
NOT TO SCALE



ROCK WEIR SECTION
NOT TO SCALE



ROCK WEIR - SECTION VIEW
NOT TO SCALE

- ROCK WEIR NOTES:**
1. PLACEMENT OF THE ROCK WEIR SHALL BE DIRECTED IN THE FIELD BY CTDEEP FISHERIES AND CTDOT OEP. SEE SPECIAL PROVISION "ROCK WEIR".
 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. BANKFULL WIDTH DISTANCE IS MEASURED AT THE LOCATION OF THE PROPOSED WEIR.

NO.	REVISION DESCRIPTION	DATE	BY

DESIGNER: **Weston & Sampson**
PROJECT NO.: 0130-0188
SHEET NO.: PMT-09
DATE: 7/31/2025

SCALES AS NOTED

CONNECTICUT
DEPARTMENT OF
TRANSPORTATION
CTDOT

PROJECT TITLE:
**REHABILITATION OF BRIDGE NO. 07044 - INTERSTATE 84
OVER OLIVER BROOK**

CONTRACT NO.:
SOUTHBURY

DRAWING TITLE:
ROCK WEIR DETAILS

PROJECT NO.:
0130-0188

ENVIRONMENTAL PERMIT PLANS
PLAN DATE: **JULY 31, 2025**



LWRD Work Commencement Form

To: DEEP.LWRDRegulatory@ct.gov or
Regulatory Section
Department of Energy and Environmental Protection
Land & Water Resources Division
79 Elm Street
Hartford, CT 06106-5127

Licensee Name: CTDOT

Municipality in which the project is occurring: Southbury

DEEP License No(s): 202506382-IW

CONTRACTOR(s):

1 Name: _____
Address: _____
Telephone: _____
E-mail: _____

2 Name: _____
Address: _____
Telephone: _____
E-mail: _____

3 Name: _____
Address: _____

Date Contractor(s) received a copy
of the license and approved plans: _____

EXPECTED DATE OF COMMENCEMENT OF WORK: _____

EXPECTED DATE OF COMPLETION OF WORK: _____

LICENSEE: _____
(Signature) (Date)



Compliance Certification Form

The following certification must be signed by the licensee working in consultation with a Connecticut-licensed design professional and must be submitted to the address indicated at the end of this form within ninety (90) days of completion of the authorized work.

1. Licensee Name: _____ CTDOT _____ DEEP License Number(s): _____ 202506382-IW _____ Municipality in which project is occurring: _____ Southbury _____							
2. Check one: (a) ☐ "I certify that the final site conditions and / or structures are in general conformance with the approved site plans". Identify and describe any deviations and attach to this form. (b) ☐ "The final site conditions and / or structures are not in general conformance with the approved site plans. The enclosed "as-built" plans note the modifications".							
3. "I understand that any false statement in this certification is punishable as a criminal offence under section 53a-157b of the General Statutes and under any other applicable law." <table style="width: 100%;"><tr><td style="width: 50%;"> _____ Signature of Licensee </td><td style="width: 50%;"> _____ Date </td></tr><tr><td colspan="2"> _____ Name of Licensee (print or type) </td></tr><tr><td style="height: 100px; vertical-align: bottom;"> _____ Signature of CT-Licensed Design Professional _____ Name of CT-Licensed Design Professional (print or type) _____ Professional License Number (if applicable) </td><td style="vertical-align: bottom;"> _____ Date Affix Stamp Here </td></tr></table>		_____ Signature of Licensee	_____ Date	_____ Name of Licensee (print or type)		_____ Signature of CT-Licensed Design Professional _____ Name of CT-Licensed Design Professional (print or type) _____ Professional License Number (if applicable)	_____ Date Affix Stamp Here
_____ Signature of Licensee	_____ Date						
_____ Name of Licensee (print or type)							
_____ Signature of CT-Licensed Design Professional _____ Name of CT-Licensed Design Professional (print or type) _____ Professional License Number (if applicable)	_____ Date Affix Stamp Here						
- As-built plans shall include: elevations or tidal datums, as applicable, and structures, including any proposed elevation views and cross sections included in the approved license plans. Such as-built plans shall be the original ones and be signed and sealed by an engineer, surveyor or architect, as applicable, who is licensed in the State of Connecticut. - The Licensee will be notified by staff of the Land and Water Resources Division (LWRD) if further compliance review is necessary. Lack of response by LWRD staff does not imply compliance. Submit this completed form to : DEEP.LWRDRegulatory@ct.gov or Regulatory Section Department of Energy and Environmental Protection Land & Water Resources Division 79 Elm Street Hartford, CT 06106-5127							