EXCAVATION/OBSTRUCTION PERMIT

Needed for Storm Sewer, Storm Sewer Structures, Water, Road Cuts, Driveways (if driveway is being overlaid, replaced in present location, paving a gravel driveway or changing driveway in any way) on a Town Road - or any work being done within the Town’s Right of Way.

**Fee for Permit Bond will be waived for sewer work for local roadways only.**

You will need the following:

1. Fill out Excavation / Obstruction Permit Application, https://farmingtonct.viewpointcloud.com
2. Call Before you Dig Number 1-800-922-4455
4. Trench Box Tabulations – trench deeper than 5’, depth will be verified prior to permit issuance, Page 5.

7. FEES: You will be prompted to pay once all approvals are completed. Payment can be made online via Credit Card, by mailing in a Check, or can be made in person via Cash or Check. If paying by Check, please make payable to “Town of Farmington”.

   - Permit to Excavate – on or under the roadway pavement $100.00
   - Permit to Excavate - all other work in the Right of Way $50.00
   - Permit to Obstruct; if required by Town of Farmington $100.00

The Town of Farmington requires a minimum 24-hour notice to schedule inspections prior to any work performed within the Town’s right-of-way, or connections to the sanitary sewer systems.

Prior to the start of construction, the contractor/developer must secure the necessary permits for doing such work, i.e., inland wetlands, zoning, building, road cut, sewer, site work, etc.

All contractors are required to be in compliance with all federal, state and local standards, including OSHA standards, Title 29 Code of Federal Regulations, including, but not limited to 1910.146, 1926.500, 1926.650, and 1926.652, regarding permit required confined space and excavations.


**IMPORTANT INSURANCE INFORMATION:*

1. The contractor shall provide a certificate of insurance showing the limits for general liability, auto, excess liability, and worker’s compensation.

2. The minimum limits are as follows: General Liability $1,000,000 or $2,000,000 Total Large Projects
   Auto $1,000,000
   Excess Liability $1,000,000 (Small Projects)
   Worker’s Compensation $500,000
TOWN OF FARMINGTON
DEPARTMENT OF PUBLIC WORKS & DEVELOPMENT SERVICES

Engineering Division
Russell M. Arnold, Jr. P.E.
Director/Town Engineer
(860) 675-2305

IMPORTANT NOTICE TO EXCAVATION/SEWER CONTRACTORS

Prior to the issuance of a Road Cut Permit and/or Sewer Permit, which requires excavation, the contractor shall submit the following documentation to the Town Engineer.

1. Name of support systems such as trench boxes, sheeting bracing, shoring, etc., as required by OSHA regulations 1926.652 to support the sides of the excavation. Such sheeting, shoring and bracing shall be installed as required for protection of the work and for the safety of all personnel.

2. Name of person or persons knowledgeable of the confined space standards, Title 29 Code of Federal Regulations 1910.146, 1926.500, and 1926.650 promulgated by OSHA.

3. The name and qualifications of “competent person” who is capable of identifying existing and predictable hazards in the surroundings and working conditions, and who has authorization to take prompt corrective measures to eliminate them.

4. Documentation of the protective support system(s), which shall include design methods, limitations, and manufacturer’s tabulated data as outlined in OSHA regulations 1926.652.
   If a Registered Professional Engineer is required to design the protective support system, at least one copy of the design and certification shall be stored at the job site.

Upon acceptance of the above, the Engineering Division shall issue the excavation permit.
PERMANENT PAVEMENT RESTORATION
FOR TOWN ROAD

TACKCOAT TO BE APPLIED TO ALL EXISTING BITUMINOUS CONCRETE EDGES.

EXISTING PAVEMENT

12” MIN.

9” COMPACTED PROCESSED AGGREGATE BASE COMPACTED IN 2 EQUAL LIFTS
APPROVED COMPACTED GRAVEL SUBBASE

1 1/2” COMPACTED BITUMINOUS CONC. *
(CLASS I)

1 1/2” COMPACTED BITUMINOUS CONC. *
(CLASS II)

HOT-POURED JOINT SEAL

* MATCH EXISTING PAVEMENT THICKNESS IF GREATER THAN DETAIL.

1. TOWN OF FARMINGTON, ENGINEERING DIVISION REQUIRES A MINIMUM OF 24 HOUR NOTICE BEFORE CONTRACTOR BEGINS CONSTRUCTION.

2. TEMPORARY PATCH TO BE REMOVED BY CONTRACTOR.

3. THE EXISTING PAVEMENT TO BE SAW CUT IN A STRAIGHT LINE 12” BEYOND DISTURBED AREA, OR AS DIRECTED BY TOWN INSPECTOR.

4. GRAVEL BASE AND PROCESSED AGGREGATE BASE CONDITION TO BE VERIFIED BY TOWN INSPECTOR PRIOR TO PLACEMENT OF BITUMINOUS CONCRETE.

5. ALL CONSTRUCTION ACTIVITIES SHALL CONFORM TO THE "STATE OF CONNECTICUT D.O.T. STANDARD SPECIFICATION FOR ROADS, BRIDGES AND INCIDENTAL CONSTRUCTION FORM 816" (2004), AS AMENDED THEREOF.
TEMPORARY PAVEMENT & TRENCH
RESTORATION FOR TOWN ROADS

NOTES:

1. TOWN OF FARMINGTON
ENGINEERING DIVISION REQUIRES A
MINIMUM OF 24 HOURS NOTICE
BEFORE CONTRACTOR BEGINS
CONSTRUCTION. (860) 675-2305

2. TEMPORARY HOT MIX BITUMINOUS
CONCRETE PAVEMENT (CLASS II)
SHALL BE PLACED WITH A MINIMUM
THICKNESS OF TWO (2) INCHES AT
THE END OF EACH WORK DAY. NO
EXCAVATIONS WILL BE ALLOWED ON
FRIDAY UNLESS IT IS TO BE PAVED
BY THE END OF THE WORK DAY.
NO COLD PATCH WILL BE ALLOWED
FOR TEMPORARY TRENCH REPAIR.

3. BASE MATERIAL—THE EXCAVATED
MATERIALS ARE ACCEPTABLE FOR USE
AS SUBBASE MATERIAL IF APPROVED
BY THE TOWN ENGINEER OR HIS
DESIGNEE. IF THE MATERIAL IS UNACCEPTABLE, TEN (10) INCHES OF PROCESSED
AGGREGATE BASE COMPACTED IN TWO EQUAL LIFTS WILL BE REQUIRED.

4. NO PERMITS WILL BE ISSUED DURING THE PERIOD THAT THE BITUMINOUS BATCH
PLANTS ARE CLOSED EXCEPT AS APPROVED BY THE TOWN ENGINEER.

5. STEEL PLATES MAY BE USED TO TEMPORARILY COVER EXCAVATIONS IF APPROVED
BY THE TOWN ENGINEER. PLATES MUST BE ANCHORED SECURELY TO THE SURROUNDING
PAVEMENT AND RAMMED WITH BITUMINOUS CONCRETE. NO PLATES WILL BE ALLOWED
BETWEEN NOVEMBER 15 AND APRIL 15.

6. ALL CONSTRUCTION ACTIVITIES SHALL CONFORM TO THE "STATE OF CONNECTICUT D.O.T. STANDARD
SPECIFICATION FOR ROADS, BRIDGES AND INCIDENTAL CONSTRUCTION FORM 816" (2004), AS AMENDED THEREOF.
# Trench Shield Manufacturers

## Tabulated Data

### Short Term Exposure Depth/Capacity Chart

<table>
<thead>
<tr>
<th>SOIL TYPE</th>
<th>EFP</th>
<th>MAXIMUM DEPTH</th>
<th>SHIELD CAPACITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>25</td>
<td>30.6</td>
<td>765</td>
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<tr>
<td>B</td>
<td>45</td>
<td>18</td>
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<tr>
<td>C</td>
<td>60</td>
<td>14</td>
<td>840</td>
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### Long Term Exposure Depth/Capacity Chart

<table>
<thead>
<tr>
<th>SOIL TYPE</th>
<th>EFP</th>
<th>MAXIMUM DEPTH</th>
<th>SHIELD CAPACITY</th>
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</thead>
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<tr>
<td>A</td>
<td>25</td>
<td>7</td>
<td>570</td>
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<tr>
<td>B</td>
<td>45</td>
<td>13.5</td>
<td>610</td>
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<tr>
<td>C</td>
<td>60</td>
<td>10.5</td>
<td>630</td>
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</tbody>
</table>

Shield capacity is in PSF per foot along the bottom of the Trench Shield.

### Conditions for Use of Tabulated Data:
1. This Tabulated Data has been prepared by a registered professional engineer as required to comply with the OSHA standards CFR Part 1926, Subpart P.
2. The Soil types A and B are as defined in the OSHA standard. Soil Type C is defined as follows:
   - Soil cohesive to saturated soil with an Equivalent Foot Pressure (EFP) or Equivalent Weight Effect of 60 PSF per foot of depth. This type of soil is a clay with an unconfined compressive strength of 5 tons/ft$^2$, but greater than .25 tons/ft$^2$, saturated sand, gravel, or fractured rock that is not stable.
   - (Note: Soil conditions more severe can be encountered with an EFP greater than 60 PSF/F. These conditions would be submerged soils, flowing mud, or muck. Such severe conditions would require the services of a soils engineer to determine the actual soil pressure. Consult GME when pressures exceed the tabulated values.)
3. Trench shields shall be used in accordance with the depth/capacity charts. The maximum depth is the distance from the surface of the excavation to the bottom of the trench. Depth ratings shown are based upon examples of homogeneous soil conditions. Soil pressures may vary due to non-homogeneous soils, surcharge loads, and stoped embankment (lateral). Actual soil pressures should be verified to ensure that the shield capacities are not exceeded.
4. Surcharge loads cannot be accounted for in the maximum depths. Surcharge loads are possible due to heavy equipment, vibrations, or spoil piles adjacent to the trench. (Adjacent is defined as within a distance equal to the depth of the trench.)
5. Trench shields are not capable of providing stability to adjacent buildings or other structures. Refer to the OSHA standard for applicable requirements when trenching near buildings and other structures.

### General Notes for Trench Shield Use:
1. Trench Shields are to be assembled and installed in accordance with manufacturer's instructions.
2. Any modifications to shields or use of component parts not manufactured by GME will void the tabulated data unless otherwise specified or allowed in writing by GME.
3. GME Trench Shields may be stacked, provided that appropriate connections are made between stacked shields as specified by GME. The stacked shields need only have a depth rating equal to or greater than the actual depth at which it is used.
4. Maximum depths are based on shields being in structurally sound condition. Trench shields should be inspected prior to each use for any damage or deterioration. If a shield has sustained major damage the tabulated data is void until repairs are made as specified by a registered professional engineer.
5. The use of GME Trench Shields shall be in accordance with this tabulated data and all requirements of the OSHA standard. Trench Shield usage other than specified or required may create unsafe conditions that could cause a cave-in, structural failure, or collapse resulting in a disabling injury or even death. GME shall not be liable for shield usage other than specified or required.

**CERTIFICATE OF LIABILITY INSURANCE**

**PRODUCER**

**INSURED**

**INSURERS AFFORDING COVERAGE**

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**COVERAGES**

The policies of insurance listed below have been issued to the insured named above for the policy period indicated. Notwithstanding any requirement, term or condition of any contract or other document with respect to which this certificate may be issued or may pertain, the insurance afforded by the policies described herein is subject to all the terms, exclusions and conditions of such policies. Aggregate limits shown may have been reduced by paid claims.

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<th>INSR. LTR</th>
<th>ADD'L. INSURD</th>
<th>TYPE OF INSURANCE</th>
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<th>POLICY Y EFFECTIVE DATE (MM/DD/YYYY)</th>
<th>POLICY EXPIRATION DATE (MM/DD/YYYY)</th>
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**TOWN OF FARMINGTON**

Should any of the above described policies be cancelled before the expiration date thereof, the issuing insurer will endeavor to mail _______ DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO MAIL SUCH NOTICE SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON INSURER, ITS AGENTS OR REPRESENTATIVES.

Authorized Representative

**DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES EXCLUSIONS ADDED BY ENDORSEMENT/SPECIAL PROVISIONS**

Town of Farmington listed as additional insured.  (For Permit Bond)
Town of Farmington and WPCA listed as additional insured.  (For Drain Layer's Bond)
TOWN OF FARMINGTON  
STATE OF CONNECTICUT  
PERMIT BOND  

Date:_____________________

KNOW ALL MEN BY THESE PRESENTS, that __________________________________________________________ 
and/or________________________________________________________________________________ as principal, 
(Name and Title of Responsible Individual) 

and ___________________________________________________________ as surety, are held and firmly bound unto 
the TOWN OF FARMINGTON, in the sum of Five Thousand and 00/100 ($5,000.00) Dollars, lawful money of the 
United States, to be paid to the TOWN OF FARMINGTON, its successors and assigns, for which payment well and truly 
to be made bind, ourselves, our heirs, executors and administrators and assigns, jointly and severally by these presents; said 
and surety to continue to be holden to the TOWN OF FARMINGTON until such time as consent to the cancellation thereof is given in writing to the TOWN MANAGER of the TOWN OF FARMINGTON or his authorized agent. The condition 
of this obligation is such that:

WHEREAS, the above-named Principal has received, or may upon his application, will receive permit(s) from the 
TOWN OF FARMINGTON to perform work on, about or adjacent to a highway within said TOWN OF FARMINGTON 
or may be particularly specified in said permit(s), to which permit reference is hereby made and are made a part hereof; and 

WHEREAS, the said Principal has undertaken and does hereby agree to comply with all the rules, regulations and 
restrictions of said TOWN OF FARMINGTON with respect to the work to be performed under said permit(s).

NOW, THEREFORE, if the said Principal (i) shall well and truly perform and fulfill all the undertakings, covenants, terms, 
conditions and agreements specified in said permit(s) or in agreements or specifications to which the permit(s) relate; (ii) 
shall well and truly save harmless and indemnify the said TOWN OF FARMINGTON from all damages and costs that the 
TOWN OF FARMINGTON may suffer; be liable for or be compelled to pay, or in fact does pay, for any injuries or 
damages which may be caused by any action or work being carried on by the said Principal, his servants, agents or 
employees, under any permit(s) issued or which may be issued by the said TOWN OF FARMINGTON or its authorized 
agent, or by reason of negligence or violation of any law on the part of said Principal, his servants, agents or employees, 
until the expiration of the two (2) year maintenance period after the work under any permit issued is completed; (iii) shall 
further indemnify said TOWN OF FARMINGTON for any expenses that said TOWN OF FARMINGTON may suffer, be 
liable for, or be compelled to pay or in fact does pay, in refilling openings or excavations, in removing cable guard railings, 
trees, tree stumps and other obstructions in replacing drainage involving driveways, in restoring pavements opened or 
cracked by said Principal, his servants, agents or employees to its former condition, or in connection with any matter 
reasonably related to the work to be performed by the Principal in connection with the permit(s), then this obligation shall 
be void; otherwise, it shall remain in full force and effect; (iv) shall also keep and maintain such street in like good condition 
to the satisfaction of the Town Engineer of the TOWN OF FARMINGTON, for the period of not less than two (2) years 
after completing said work, and should the said Engineer, or other official, within said period and after notice to said 
principal, repair said portion of such street, the principal shall pay the cost thereof within thirty (30) days; and 

IN WITNESS WHEREOF, we have hereunto set our hands and seals this ________ day of _____________, 20__________.

____________________________________________       ______________________________(L.S.)  
(Witness)                                                                                                      (Principal) 

____________________________________________       ______________________________(L.S.)  
(Witness)                                                                                                      (L.S.) 

____________________________________________       ______________________________(L.S.)  
(Witness)                                                                                                      (L.S.) 

____________________________________________       ______________________________(L.S.)  
(Witness)                                                                                                      (Surety) 

____________________________________________       ______________________________(L.S.)  
(Witness)
PROCEDURE TO EXCAVATE IN HIGHWAY RIGHT-OF-WAY/PERMIT TO OBSTRUCT TRAFFIC

The Director of Public Works and Development Services will determine the appropriate level of traffic control personnel to be used on all street rights of way located within the Town of Farmington during the permit application process. This procedure will also be used when reviewing DOT projects on state roadways. He may consult with the Chief of Police when determining appropriate measures to ensure the safe passage of vehicular and pedestrian traffic.

1. When the Director of Public Works and Development Services determines that traffic control personnel are necessary, Farmington Police Officers shall be utilized for that purpose.

2. Farmington Police Officers MUST control all traffic for construction, excavation and non-construction projects within street rights of way on the following roadways:

   Batterson Park Rd.       Huckleberry Hill Rd.       Perry St.
   Birdseye Rd.             Hyde Rd.                        Red Oak Hill Rd.
   Brickyard Rd.            Knollwood Rd.                   Reservoir Rd.
   Burlington Rd.           Meadow Rd.                     River Rd.
   Cooke St.                Middle Rd.                      South Rd.
   Coppermine Rd.           Monteith Dr.                    Spring La.
   Diamond Glen             Morea Rd.                      Talcott Notch Rd.
   Fienemann Rd.            Mountain Rd.                    Town Farm Rd.
   Garden St.               Mountain Spring Rd.              West District Rd.
   High St.                 New Britain Ave.                
   Highwood Rd.             Old Mountain Rd.                

   State Highways:
   Rte #4                    Rte #10                    Rte #71
   Rte #6                    Rte #177                   Rte #167

3. The Director of Public Works and Development Services shall also have the authority to require traffic control by Farmington Police Officers on streets not listed above.

4. Contractors will be directed by the Director of Public Works and Development Services to contact the Farmington Police Records Unit at 675-2420 to schedule police officers for traffic control. The Records Unit will inform the contractor on the scheduling, availability, payment and cancellation procedures.

5. When police personnel are not available, the contractor shall provide approved traffic control personnel.

Permit to Obstruct Traffic:
The applicant shall request to obstruct traffic by completing the appropriate section of the Excavation/Obstruction Permit Application. This review and approval process involves many departments within the Town, therefore the applicant should submit the permit A MINIMUM OF TWO WEEKS in advance of the requested start date. The applicant is hereby notified that the town reserves the right to deny and/or modify the requested level of obstruction, dates, and/or hours of work to meet the needs of the traveling public.