

DEPARTMENT OF PUBLIC WORKS & DEVELOPMENT SERVICES

ENGINEERING DIVISION

Russell Arnold, Jr., P.E. Director of Public Works Town Engineer (860) 675-2305

EXCAVATION/OBSTRUCTION PERMIT

Needed for Storm Sewer, Storm Sewer Structures, Water, Road Cuts, <u>Driveways</u> (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
- 3. Permit Bond \$5,000. Page 7.
- 4. Trench Box Tabulations trench deeper than 5', depth will be verified prior to permit issuance, Page 5.
- 5. Certificate of Insurance listing "Town of Farmington" as additional insured.** See Page 6.
- 6. Temporary & Permanent Trench Restoration for Town Roads. Pages 3-4.
- 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.

<u>Prior to the start of construction</u>, 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.

shall conform to "State of All construction activities the Connecticut D.O.T. Standard **Specifications** for Roads. Bridges and Incidental **Construction** Form 816" (2004)amended thereof, and the standard details and specifications of the Town of Farmington.

** 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



DEPARTMENT OF PUBLIC WORKS & DEVELOPMENT SERVICES

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IMPORTANT NOTICE TO EXCAVATION/SEWER CONTRACTORS

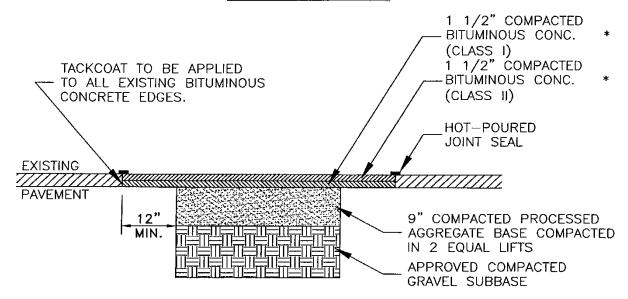
Prior to the issuance of a Road Cut Permit and/or Sewer Permit, which requires excavation, the contractor shall submit the following documentation to the Town Engineer.

- 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.

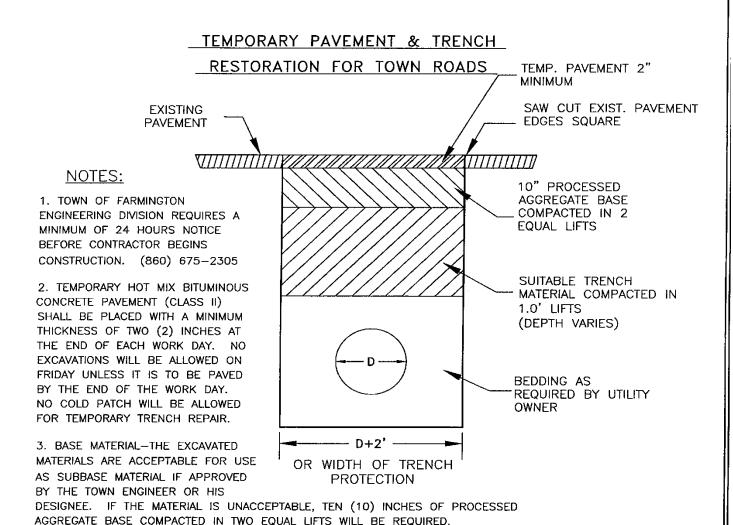
Upon acceptance of the above, the Engineering Division shall issue the excavation permit.

PERMANENT PAVEMENT RESTORATION FOR TOWN ROAD



- *- 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 AMMENDED THEREOF.

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- 4. NO PERMITS WILL BE ISSUED DURING THE PERIOD THAT THE BITUMINOUS BATCH PLANTS ARE CLOSED <u>EXCEPT AS APPROVED BY THE TOWN ENGINEEER.</u>
- 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 RAMPED 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.

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TRENCH SHIELD MANUFACTURERS TABULATED DATA

MODEL NO: SERIAL NO. DATE SHIPPED

SHORT TERM EXPOSURE DEPTH/CAPACITY CHART

	SOIL	EFP	MAXIMUM DEPTH	SHIELD
	IYPE		DEFIN	CAPACITI
	Α	25	30.6	765
	B	45	18	810
-	С	60	14	840
1				

Shield capacity is in PSF per foot along the bottom

of the Trench Shield

LONG TERM EXPOSURE DEPTH/CAPACITY CHART

1				
Company of the Company	SOIL TYPE	EFP.	MAXIMUM DEPTH	SHIELD CAPACITY
- Company Company	À	25	23	570
9	B.	45	43. 5	610
l	С	60	10.5	630
1		2		

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

CONDITIONS FOR USE OF TABULATED DATA:

This Tabulated Data has been prepared by a registered professional engineer as required to comply with the OSHA standard 29 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 Fluid Pressure (EFP) or Equivalent Weight Effect of 60 PSF perfoot of depth. Ruse type of soil is a clay with an unconfined compressive strength of 35 tons/Sq. Ft., but greater than .25 Tons/SF, Saturated sand or clay, 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 sail pressures exceed the labulated values.)

- 3. Trench Shields shall be used in accordance with the depth/capacity charts. The maximum death is the distance from the surface of the excavation to the bottom of the trench. Depth ratings shown are based upon examples of inergogenous soil conditions. Soil pressures may vary due to: non-homogenous soils, surcharge loads, and slope of embankment (layback). Actual soil pressures should be verified to be surenthat the shield capacities are not exceeded.
- 4. Surcharge loads are not accounted for in the maximum depths. Surcharge loads are possible due to theavy equipment, vibrations, or spoil piles, adjacent to the traffich. (Adjacent is defined as within a distance equal to the depth on 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.
- 6. Long Term exposure is for trench shields used in one position greater than 24 hours. Short Term exposure is for shields used in one position for 24 hours or less. GME recommends that the chart for Long Term exposure be used to maximize protection. However, the chart for Short Term exposure may be used if the criteria for Short Term exposure can be met at all times.

O1992 Griswold Machine & Engineering, Inc.

GENERAL NOTES FOR TRENCH SHIELD USE:

- Trench Shields are to be assembled and installed in accordance with manufacturer's instructions.
- 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.

		CERTIF	ICATE OF LI	ABILITY INSU	JRANCE		DATE	(MM/DD/YYYY)				
PRODUCER				THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.								
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INSU	RED			INSURER A:								
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	ADD'L INSRD	TYPE OF INSURANCE	POLICY NUMBER	POLIO Y EFFECTIVE DATE (MM/DD/YYYY)	POLICY EXPIRATION DATE (MM/DD/YYYY)		LIMITS					
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		RETENTION \$						<u> </u>				
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С		YERS' LIABILITY ROPRIETOR/PARTNER/EXECUTIVE				E.L. EACH ACCIDEN	NT	\$ 500,000				
	OFFCE	R/MEMBER EXCLUDED?				E.L.DISEASE – EA E	EMPLOYEE	\$ 500,000				
	SPECIA	AL PROVISIONS below				E.L.DISEASE - POLI	ICY LIMIT	\$1,000,000				
	OTHER											
DESC	RIPTIO	N OF OPERATIONS/LOCATIONS/VEHICLES	S EXCLUSIONS ADDED BY	ENDORSEMENT/ SPECIAL P	PROVISIONS	•						
		Parmington listed as additional Parmington and WPCA listed as			Bond)							
		E HOLDER		ELLATION								
1 MONTEITH DRIVE DAT FARMINGTON, CT 06032 NOT IMP			DATE THERI NOTICE TO IMPOSE NO	JLD ANY OF THE ABOVE DESCRIBED POOICIES BE CANCELLED BEFORE THE EXPIRATION E THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAILDAYS WRITTEN ICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO MAIL SUCH NOTICE SHALL DESCRIPTION OR LIABILITY OF ANY KIND UPON INSURER, ITS AGENTS OR REPRESENTATIVES. CHOPIZED REPRESENTATIVE								



STATE OF CONNECTICUT

PERMIT BOND

	Date:
KNOW ALL MEN BY THESE PRESENTS, that	
and/or	as principal,
(Name and Title of Respo	onsible Individual)
o be made bind, ourselves, our heirs, executors and administ bond and surety to continue to be holden to the TOWN OF F	as surety, are held and firmly bound unto d and 00/100 (\$5,000.00) Dollars, lawful money of the its successors and assigns, for which payment well and truly trators and assigns, jointly and severally by these presents; said ARMINGTON until such time as consent to the cancellation TOWN OF FARMINGTON or his authorized agent. The condition
· · · · · · · · · · · · · · · · · · ·	y upon his application, will receive permit(s) from the ljacent to a highway within said TOWN OF FARMINGTON ermit reference is hereby made and are made a part hereof; and
WHEREAS, the said Principal has undertaken and does restrictions of said TOWN OF FARMINGTON with respect	hereby agree to comply with all the rules, regulations and to the work to be performed under said permit(s).
conditions and agreements specified in said permit(s) or in shall well and truly save harmless and indemnify the said Town OF FARMINGTON may suffer; be liable for or damages which may be caused by any action or work be employees, under any permit(s) issued or which may be issued, or by reason of negligence or violation of any law of antil the expiration of the two (2) year maintenance period further indemnify said Town OF FARMINGTON for any iable for, or be compelled to pay or in fact does pay, in refinese, tree stumps and other obstructions in replacing draft excavated by said Principal, his servants, agents or employ reasonably related to the work to be performed by the Principal void; otherwise, it shall remain in full force and effect; (iv to the satisfaction of the Town Engineer of the Town OF	truly perform and fulfill all the undertakings, covenants, terms, agreements or specifications to which the permit(s) relate; (ii) OWN OF FARMINGTON from all damages and costs that the be compelled to pay, or in fact does pay, for any injuries or sing carried on by the said Principal, his servants, agents or sued by the said TOWN OF FARMINGTON or its authorized in the part of said Principal, his servants, agents or employees, after the work under any permit issued is completed; (iii) shall expenses that said TOWN OF FARMINGTON may suffer, be lling openings or excavations, in removing cable guard railings, mage involving driveways, in restoring pavements opened or yees to its former condition, or in connection with any matter ripal in connection with the permit(s), then this obligation shall of shall also keep and maintain such street in like good condition FARMINGTON, for the period of not less than two (2) years or other official, within said period and after notice to said I pay the cost thereof within thirty (30) days; and
N WITNESS WHEREOF, we have hereunto set our hands a	and seals this day of, 20
	(L.S.)
(Witness)	(Principal) (L.S.)
(Witness)	(L.S.)
(Witness)	(Surety)

(Witness)

_(L.S.)



DEPARTMENT OF PUBLIC WORKS & DEVELOPMENT SERVICES

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

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.