
**CITY OF WARREN
ENGINEERING DIVISION
PERMIT CONDITIONS AND SPECIFICATIONS**

CONDITIONS

The following conditions apply to permitted activities within City of Warren Right-of-Way, within utility easement(s), and on private property. The permitted activities are those described in the detailed work description included on the permit. The permittee has the obligation to operate, use and/or maintain the City facility and work area to the satisfaction of the City of Warren Engineering Division until the permitted activity is complete.

All work will be carried out in the manner applied for and in accordance with plans, specifications, and statements filed with the City of Warren as part of the permit application. If said permit is granted, the applicant agrees to do the following:

1. Give notice to the Engineering Division at (586) 759-9300, at least one business day prior to commencement of operations covered by this permit.
2. In any and all operations under this permit, meet all requirements of the City of Warren Standard Specifications and Supplemental Specifications as set forth below.
3. Take, provide, and maintain all necessary precautions to prevent injury or damage to persons and property from operation covered by this permit, and use safety devices which are MIOSHA and City of Warren approved.
4. Save harmless the City of Warren against any and all claims for damages arising from operations covered by this permit and furnish proof of insurance coverage for the term of this permit for a minimum of \$1 million personal injury and \$1 million property damage for operations covered by the permit.
5. Surrender the permit herein applied for, cease operations, and surrender all rights thereunder whenever notified to do so by the Director of the Department of Public Service, because of his/her need for the area covered by the permit, or because of a default in any of the conditions of the permit.
6. Immediately remove, alter or relocate, at applicant's own expense, the facility for which this permit is granted, if requested by the City of Warren to do so. Upon failure to remove, alter, re-locate or surrender the facility pursuant to the request of the City of Warren, reimburse the City of Warren for its cost in doing same.
7. File a surety bond in an amount to be determined by the Engineering Division, and conditioned upon performance of the conditions of the permit and compliance with all requirements of law.
8. Additional conditions:

SUPPLEMENTAL SPECIFICATIONS:

1. PERMIT - The person in charge of the work shall have the permit and the approved plans or sketches, in his possession on the job site at all times. Failure to produce the permit upon request will result in the immediate cessation of any ongoing work and responsibility for any costs incurred by the city to secure and make safe the area of the work.

Permit Conditions and Specifications – continued

2. **EXCAVATION AND DISPOSAL OF EXCAVATED MATERIAL** - The Engineering Division may specify if trenches or excavations under or adjacent to the road surface shall be sheeted, shored, and/or braced in such a manner as to prevent caving, loss, or settlement of foundation material supporting the pavement. This in no way relieves the contractor of responsibility for damages to persons or property caused by a failure to properly shore any trench.

Excavated material shall be stocked in such locations that it does not obstruct vision on the traveled portion of the street or highway and in such a manner that it will interfere as little as possible with the flow of traffic. Sod and topsoil shall be stocked separately from other excavated material. The applicant shall dispose of all surplus and unsuitable material unless the permit provides for disposal at approved locations within the right-of-way. In the latter case, the material shall be leveled and trimmed in accordance with the approved project plans, or to the satisfaction of the Engineering Inspector.

3. **BACKFILLING AND COMPACTING BACKFILL** - All trenches, holes, and pits shall be filled with sand, placed in successive layers not more than 12 inches in depth, loose measure. Each layer shall be thoroughly compacted and all backfill subject to check by the Controlled Density Method. The Engineering Division will specify if compaction testing is required, and if so, the applicant will be responsible for the costs of that testing. Testing will be performed by the materials testing consultant under contract to the City of Warren, at the time of the work.

Sand backfill material shall meet the gradation requirements of MDOT Class II Material.

Sod and topsoil shall be replaced in kind, and under the direction of the City of Warren inspector.

4. **CROSSING ROADBED BY TUNNELING** - When the pipe is installed by tunneling, boring or jacking without cutting the existing pavement, the backfill shall be made by tamping a dry mix of lean concrete into place so as to completely fill any voids remaining around the installation. The concrete shall be composed of one part of Portland cement and 10 parts of sand. Sand shall conform to the requirements given in Paragraph 3.
5. **CROSS BY CUTTING PAVEMENT AND TRENCHING** - When this method is used, the pavement shall be cut back so that the pavement opening is at least 6 inches wider on each side than the width of the trench. All pavement surfaces will be cut with a concrete saw and carefully broken out without disturbing the cut edge. Chipped or broken edges of pavement will be re-sawed prior to pavement replacement. Pavement shall be replaced with new pavement and base material to match the original type and depth. Where an asphalt cap exists, the concrete patch will be poured full depth, unless otherwise specified on the approved plans. 5/8" hook bolts will be used in local roads to tie a new concrete patch to the existing pavement. 1 1/4" dia. epoxy coated dowel bars will be used in major roads parallel to the direction of travel, and #5 hook bolts used to tie in the sides of a patch. If weather conditions make it infeasible to replace pavement in kind, a temporary surface of bituminous material shall be placed, and later replaced with pavement of original type at the applicant's expense.
6. **DEPTH OF COVER MATERIAL** - Pipes shall be placed to a depth that will provide not less than 3 feet of cover between the top of roadway surface and the pipe.
7. **TREE TRIMMING OR TREE REMOVAL** - Secure permission and/or a permit from the Forester of the City of Warren.

Permit Conditions and Specifications – continued

8. **INSPECTION** - In all cases the applicant shall notify the City of Warren Engineering Division at least one business day before the work will commence, so arrangements may be made to have an inspector present while the work is in progress. The applicant will be billed for the necessary expense of the inspector at the current rate in effect on the date listed on the permit.

Any Saturday or Holiday permit work must be scheduled with the Engineering Division main office (586 759-9300) by noon on the preceding regularly scheduled business day, or no inspection will be provided. Failure to schedule inspection for each Saturday and Holiday will result in the rejection of any work performed on those days in the absence of an Engineering Division inspector. In the event that inspection is scheduled, but the contractor fails to appear and work, the permit account will be assessed four (4) hours at the current overtime or double-time rate as is applicable. In the event that weather forces the suspension of work, the contractor must still show up on site, and notify the inspector that work will not be occurring. Three (3) hours of straight time will be assessed against the permit account in these instances.

9. Any operation in the right of way not covered by the above specifications submitted with the permit, or the City of Warren Standard Specifications, shall be done in accordance with instructions of the Division of Engineering.
10. Full compliance is required with any regulations of the Public Service Commission, and any public utilities in the vicinity of the work.
11. **CONSTRUCTION HOURS CLAUSE:** All construction under or relevant to this permit shall not begin before sunup or at the earliest 7:30 a.m. and all construction shall cease at sundown or at the latest 7:30 p.m. The Contractor shall adhere to this schedule unless specifically authorized in writing by the City Engineer. Sunup and sundown shall be determined by the shutting off or turning on of the street lights in the area of the project. This shall expressly forbid the operating of any mechanical equipment except during the permitted hours. The Contractor shall schedule his construction so that operations including installing pipe, back filling, finishing pavement, applying curing compound, cleanup and placing of proper barricades and lighting and any other construction are done during the required time. No inspections personnel will be furnished for hours in addition to those specified, and any work performed outside of these hours will not be accepted by the Engineering Division.
12. **SUNDAY AND HOLIDAY WORK:** No Sunday or Holiday work will be allowed unless specifically authorized in writing by the City Engineer. Holiday work shall include all legal holidays, national, state, county and city election days and any other day when the City Hall of the City of Warren is officially closed. If such authorization is obtained, the contractor is responsible for complying with the requirements of #8 above.

THE FOLLOWING MUST BE ATTACHED TO THE PERMIT APPLICATION WHEN REQUESTED BY THE ENGINEERING DIVISION: Surety Bond, Certificate of Insurance, (except for utility companies); Approved Plans, Approved Traffic Control plan in case of street closures, Check for inspection fees, and copy of the Macomb County Soil Erosion Control permit, and any applicable County or State permits