

CITY OF TROY
OAKLAND COUNTY, MICHIGAN
PERMIT TO CONSTRUCT, OPERATE, USE AND/OR MAINTAIN WITHIN THE RIGHT-OF-WAY

500 W. BIG BEAVER
TROY, MI 48084
(248) 524-3383

PERMIT# _____
DATE OF ISSUANCE _____
PRE-CON. MEETING REQUIRED
YES ___ NO ___

INSPECTIONS 24 HOUR NOTICE CALL 248-680-7221

THE APPLICANT, _____, MAKES APPLICATION FOR A PERMIT TO CONSTRUCT, OPERATE, USE AND/OR MAINTAIN WITHIN THE PART OF THE RIGHT-OF-WAY UNDER THE JURISDICTION OF THE CITY DESCRIBED AS FOLLOWS: _____

(PROJECT LOCATION)

A detailed description of the desired facility and/or activity is as follows: (include size, length, type of facility; if underground indicate depth below surface, if parallel to road, indicate distance from inside edge of facility to edge of pavement, if crossing under roadbed, describe method _____)

_____ The above stated intentions will be carried out in accordance with plans, specifications, maps and statements filed with the City as part of the this application and if said application is granted, the above named applicant agrees to do the following:

- 1) Secure a permit from the City of Troy prior to the commencement of construction or maintenance operations. If a subcontractor is to perform the construction or maintenance entailed in this application, he shall be responsible, along with the applicant, for any provisions of this application and plans which apply to him.
- 2) Any and all construction proposed under this application will meet all requirements of the City, together with the Supplemental Specifications set forth on this application for permit.
- 3) Save harmless the City against any and all claims for damage arising from operations covered by this application and furnish proof of insurance coverage for the term of the permit issued. Insurance coverage shall be for general liability, property damage and workman's compensation at limits deemed acceptable to the City of Troy. **The City of Troy to be named as additional insured on the general liability.**
- 4) Surrender the permit herein applied for and surrender all rights there under whenever notified to do so by the City of Troy because of its need for the area covered by the permit or because of a default in any of the conditions of this permit.
- 5) Immediately remove, alter, relocate or surrender the facility of which this application is granted if requested by the City of Troy to do so upon termination of this application and upon failure to do so, will reimburse the City of Troy for the cost of removing, altering or relocating the facility.
- 6) Additional conditions: _____

SUPPLEMENTAL SPECIFICATIONS:

- 1) **INTENT:** Since a permit will have to be secured from the City prior to the start of any construction or maintenance operations proposed by this application, it is the intent of these supplemental specifications to be incorporated as part of the plans or specifications required for this proposed work.
- 2) **EXCAVATION AND DISPOSAL OF EXCAVATED MATERIAL:** The City shall 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. Excavated material shall be stocked in such locations that it does not obstruct vision on the traveled portion of the road 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 outside of the limits of the highway 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 an approved manner.
- 3) **BACKFILLING AND COMPACTING BACKFILL:** All trenches, holes and pits, where specified, shall be filled with sound earth or with sand-gravel if so provided, placed in successive layers not more than six (6) inches in depth, loose measure, and each layer shall be thoroughly compacted by tamping and all backfill subject to check by the *Controlled Density Method* (minimum 95%). Grass shall be restored with sod and topsoil in accordance with the *City of Troy Standard Specifications for Turf Restoration*.

Sand-gravel backfill material shall consist of approved bank-run sand or gravel or a mixture of approved sand or stone screenings in the mixture. All of the material shall be of such size that it will pass through a screen having two and one-half (2 ½) inch square openings, unless otherwise authorized.

Any excavation within the right-of-way, outside the traveled portion of the road, must be maintained until all settlement has occurred and must be re-shaped and temporarily seeded for soil erosion control. Grass areas shall be restored in accordance with the *City of Troy Standard Specifications for Turf Restoration*.

All excavation within the traveled portion of the road must be backfilled with sand and compacted. Special requirements are to be determined by the surface type.

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- 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 (1) part Portland cement and ten (10) parts sand-gravel by volume. Sand-gravel shall conform to the requirements given in Paragraph 3.
- 5) **CROSSING BY CUTTING GRAVEL ROAD:** All trenches are to be backfilled with approved material to within twelve (12) inches of the surface within the limits of the roadbed. Backfill methods will be as described in Paragraph 3. All surplus excavated material will be disposed of as described in Paragraph 2. The top twelve (12) inches within the roadbed will be backfilled with eight (8) inches of 4A limestone or slag topped with four (4) inches of processed road gravel (M.D.H.D. 22A). Trenches outside of the roadbed will be backfilled in accordance with Paragraph 3.
- 6) **CROSSING BY CUTTING PAVEMENT AND TRENCHING:** When this method is used, the pavement shall be cut back so that the opening is at least twelve (12) inches wider on each side than the width of the trench. In all concrete surfaces or bases, edges of trenches shall be formed by the use of a concrete saw. The pavement shall be broken in such a manner as to allow the reinforcing steel, if any, to protrude a sufficient distance for lapping or tying with similar reinforcement in the pavement patch. Backfill shall be in accordance with Paragraph 3. After the backfill has been thoroughly compacted, the pavement shall be replaced with processed road gravel (M.S.H.D. 22A) stabilized with chloride until such time as the pavement can be replaced with new pavement by the permit licensee. Maintenance of the temporary pavement will be assumed by the City if the contractor fails to do so and cost incurred will be deducted from the permit licensee's deposit.
- 7) **DEPTH OF COVER MATERIAL:** Pipes shall be placed to a depth that will provide not less than four (4) feet of cover between the top of roadway surface and the pipe.
- 8) **TREE TRIMMING OR REMOVAL:** A special permit will be required for any proposed tree trimming or removal.
- 9) Any proposed operation in the right-of-way not covered in the above specifications, submitted with this application shall be done in accordance with additional specifications or instructions deemed necessary by the City or its duly authorized representatives.
- 10) The following must be attached to the application when applicable: a) Map; b) Plans, specifications and location of facility; c) Traffic plan in cases of street closure; d) Proof of insurance; e) City Council resolution granting a franchise or permit to operate a cable television system, telecommunications system or to install other public utilities in the City of Troy.

Applicant: _____

Applicant's Signature _____

(Please Print)

Phone: _____

(Contact Name)

Street Address: _____

Fax: _____

City: _____ State: _____ Zip Code: _____

This permit is hereby approved, subject to the conditions to which the applicant therein agrees. The obligation to operate, use and/or maintain the facility to the satisfaction of the City of Troy remains in force as long as the facility exists and is within the right-of-way under the jurisdiction of the City of Troy.

Estimated Construction Cost:	\$ _____
* Review/Permit Fee:	\$ _____
* Inspection Fee:	\$ _____
Surety Bond:	\$ _____
Cash Deposit:	\$ _____
Other Fees - Explain: _____	\$ _____
TOTAL:	\$ _____

* These are **NON-REFUNDABLE** fees

Issued By: _____

Review Approval: (Initial & Date)

City Engineer _____

Date _____

Assistant City Manager/Services

Financial Services Director

Comments: _____