

SW 114 SEC 27
TROY T2N, R1E

JOB 87-032
APACHE

CITY OF TROY Oakland County

Phone: 524-3383
500 W. Big Beaver
TROY, MICHIGAN

PERMIT TO CONSTRUCT, OPERATE, USE
AND/OR MAINTAIN WITHIN THE RIGHT-OF-WAY

DO NOT WRITE IN THIS BOX	
Permit No.	<u>D-87-4-01</u>
Date of Issuance	<u>4-23-87</u>

The Detroit Edison Co. Contractor hereby 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: Hartland East of Livernois 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.)

Install and maintain 5" PVC Conduit as per Drawing U3-4-9345.

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

1. Secure a permit from the City prior to the commencement of construction or maintenance operations. If a contractor is to perform the construction or maintenance entailed in this application, he shall secure a permit from the City prior to the commencement of construction or maintenance operations and thereby assumes responsibility, along with the applicant, for any provisions of this application 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 damages 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 public liability, property damage and workmans' compensation at limits deemed acceptable to the City
4. Surrender the permit herein applied for and surrender all rights thereunder whenever notified to do so by the City because of its need for the area covered by the permit or because of a default in any of the conditions of the permit.
5. Immediately remove, alter, relocate or surrender the facility for which this application is granted if requested by the City to do so upon termination of this application and upon failure to do so, will reimburse the City for the cost of removing, altering or relocating the facility.

6. (See reverse side of this application for any additional conditions)

Attached to application: Map , Plans , Specifications , Bond , Proof of Ins. , Resolution

Fee: 5.00 + 300(.02)
= 5.00 + 6.00
= 11.00

Robert F. Burtwell
Robert F. Burtwell
Applicant's Signature
2000 2nd Room 520 S.B.
Applicant's Address
Detroit MI 48146
Date 3-5-87

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

BOND	\$ _____
FEE	\$ <u>11.00</u>
DEPOSIT	\$ _____

CITY OF TROY
Oakland County, Michigan
RLQ City Eng.
Director of Public Works
By Harold Lindquist

NOTE: The permit does not relieve applicant from meeting any applicable requirements of law or of other public bodies or agencies.

RECORDED RIGHT OF WAY NO. 36962

ADDITIONAL CONDITIONS

6 (Continued from other side)

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 top soil 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 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%). Sod and top soil shall be replaced.

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 2 1/2 inch square openings, unless otherwise authorized.

Any excavation within right-of-way outside travelled portion of road must be maintained until all settlement has occurred and must be reshaped and seeded.

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

4. **CROSSING ROADBED BY TUNNELLING:** When the pipe is installed by tunnelling, 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-gravel by volume. Sand-gravel shall conform to the requirements given in paragraph 3.

5. **CROSSING BY CUTTING GRAVEL ROADS:** All trenches are to be backfilled with approved material to within 12 inches of 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 12 inches within the roadbed will be backfilled with 8" of 4A limestone or slag topped with 4" of processed road gravel (M.S.H.D. 22-A). 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 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. 22-A) 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 Contractor fails to do so and cost incurred will be deducted from Permit Licensee's deposit.

7. **DEPTH OF COVER MATERIAL:** Pipes shall be placed to a depth that will provide not less than 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 by 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 representative.

THE FOLLOWING MUST BE ATTACHED TO APPLICATION WHEN APPLICABLE. 1. Plans, specifications and location of facility. 2. Traffic plan in cases of street closures.